



**I-595 (SR-862)**  
**PROJECT DEVELOPMENT & ENVIRONMENT STUDY**

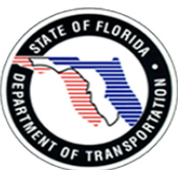
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From the I-75 Interchange  
To the I-95 Interchange  
Broward County, Florida



Prepared for:  
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## **Appendix E**





# **The EDR Corridor Study Report**

**Study Area  
I-595  
Fort Lauderdale, FL 33324**

**January 21, 2003**

**Inquiry number 913669.1s**

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

3530 Post Road  
Southport, Connecticut 06890

### **Nationwide Customer Service**

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

## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

I-595  
FORT LAUDERDALE, FL 33324

### DATABASES WITH NO MAPPED SITES

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

### FEDERAL ASTM STANDARD

Proposed NPL..... Proposed National Priority List Sites  
RCRIS-TSD..... Resource Conservation and Recovery Information System  
ERNS..... Emergency Response Notification System

### STATE ASTM STANDARD

SHWS..... Florida's State-Funded Action Sites  
INDIAN UST..... Underground Storage Tanks on Indian Land

### FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
Delisted NPL..... National Priority List Deletions  
HMIRS..... Hazardous Materials Information Reporting System  
MLTS..... Material Licensing Tracking System  
NPL Liens..... Federal Superfund Liens  
PADS..... PCB Activity Database System  
RAATS..... RCRA Administrative Action Tracking System  
TSCA..... Toxic Substances Control Act  
SSTS..... Section 7 Tracking Systems  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

### STATE OR LOCAL ASTM SUPPLEMENTAL

FL Cattle Dip. Vats..... Cattle Dipping Vats

### EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

## EXECUTIVE SUMMARY

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

### FEDERAL ASTM STANDARD

**NPL:** Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/24/2002 has revealed that there is 1 NPL site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b><i>FLORIDA PETROLEUM REPROCESSORS</i></b>	<b><i>3211 S.W. 50TH AVENUE</i></b>	<b><i>77</i></b>	<b><i>284</i></b>

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

A review of the CERCLIS list, as provided by EDR, and dated 12/13/2002 has revealed that there are 5 CERCLIS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b><i>BROWARD COUNTY--21ST MANOR DUM</i></b>	<b><i>2300 SW 46TH AVENUE</i></b>	<b><i>36</i></b>	<b><i>120</i></b>
<b><i>UNIWELD PRODUCTS INC</i></b>	<b><i>2850 RAVENSWOOD RD</i></b>	<b><i>68</i></b>	<b><i>246</i></b>
<b><i>HARDRIVES DUMP</i></b>	<b><i>3000 SR 84</i></b>	<b><i>69</i></b>	<b><i>254</i></b>
<b><i>FLORIDA PETROLEUM REPROCESSORS</i></b>	<b><i>3211 S.W. 50TH AVENUE</i></b>	<b><i>77</i></b>	<b><i>284</i></b>
<b><i>PASQUARIELLO PROPERTY</i></b>	<b><i>2600 SW 36TH STREET</i></b>	<b><i>89</i></b>	<b><i>349</i></b>

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

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/13/2002 has revealed that there are 2 CERC-NFRAP sites within the searched area.

## EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>MOODY, M. D. &amp; SONS, INC.</b>	<b>3100 RAVENSWOOD RD</b>	<b>74</b>	<b>275</b>
<b>BROWARD INDUSTRIAL PLATING CO</b>	<b>1881 SW 36TH ST</b>	<b>78</b>	<b>311</b>

**CORRACTS:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/29/2002 has revealed that there is 1 CORRACTS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>PERMA FIX OF FT LAUDERDALE INC</b>	<b>3670 SW 47TH AVE</b>	<b>90</b>	<b>350</b>

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

A review of the RCRIS-LQG list, as provided by EDR, and dated 09/09/2002 has revealed that there is 1 RCRIS-LQG site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>VALSPAR COATINGS</b>	<b>2355 SW 66TH TERRACE</b>	<b>42</b>	<b>139</b>

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

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 60 RCRIS-SQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>CITY FURNITURE</b>	<b>251 INTERNATIONAL PKWY</b>	<b>3</b>	<b>13</b>
<b>AMOCO SERVICE STATION #60157</b>	<b>13652 SR 84</b>	<b>4</b>	<b>13</b>
<b>SAWGRASS CORPORATE PARK</b>	<b>800 N W 136TH AVENUE</b>	<b>8</b>	<b>26</b>
<b>DRY CLEAN USA</b>	<b>15984 W STATE ROAD 84</b>	<b>9</b>	<b>26</b>
<b>BP OIL CO #01384</b>	<b>251 S FLAMINGO RD</b>	<b>18</b>	<b>61</b>
<b>CITY SEWER CLEANERS INC</b>	<b>1855 SW 101ST AVE</b>	<b>19</b>	<b>61</b>
<b>FLORIDA DEP DSCP D155 #0695002</b>	<b>1253-DC S PINE ISLAND R</b>	<b>23</b>	<b>64</b>
<b>RADIANT CLEANERS</b>	<b>1253 S PINE ISLAND RD</b>	<b>23</b>	<b>64</b>
<b>EXCEL CLEANERS</b>	<b>7630 PETERS ROAD</b>	<b>24</b>	<b>85</b>
<b>BUILDERS SQUARE #1505</b>	<b>8944 SR 84</b>	<b>26</b>	<b>93</b>
<b>J C CLEANERS</b>	<b>1585 S UNIVERSITY DR</b>	<b>27</b>	<b>97</b>
<b>FLORIDA DEP DSCP D175 #0699801</b>	<b>1585-DC UNIVERSITY DR</b>	<b>27</b>	<b>97</b>
<b>FARM STORE #1069</b>	<b>1720 S UNIVERSITY DR</b>	<b>27</b>	<b>98</b>
<b>WARRICKLEEN</b>	<b>8820 SR 84</b>	<b>29</b>	<b>106</b>
<b>MOBIL OIL CORP SS# 600</b>	<b>8810 SR 84</b>	<b>30</b>	<b>108</b>
<b>FLORIDA DEP DSCP D107 #0695003</b>	<b>1875 S UNIVERSITY DR</b>	<b>35</b>	<b>111</b>

## EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
LORAL CLEANERS	1875 SOUTH UNIVERSITY D	35	111
DRY CLEAN USA	2319 SOUTH UNIVERSITY D	35	113
CHEVRON PRODUCTS CO #53512	2340 S UNIVERSITY DR	35	113
PEP BOYS MANNY MOE & JACK	2380 S UNIVERSITY	35	114
MOBIL OIL CORP SS# CVF	2399 S UNIVERSITY	35	114
GLOBAL PRECISION INC	2100 SW 71 TERRACE	37	123
TEND SKIN INTERNATIONAL INC	2090 SW 71ST TERRACE	37	123
POWERTRAIN REBUILDERS INC	2030 SW 71ST TERRACE	37	124
CORVETTE CITY INC	6600 STATE ROAD 84	38	125
CREATIVE COLORS & CONCEPTS	7001 SW 21ST PL BAY 4-E	39	129
KENS AUTOMOTIVE REPAIR CENTER	2071 SW 70TH AVE	39	130
ACCURATE MACHINE INC	2021 SW 70TH AVE	39	131
ULTIMATE EURO REPAIR INC	2011 SW 70TH AVE	39	132
DUBARRY 5TH AVE INC	6900 SW 21ST CT	40	132
BROWNING FERRIS IND OF FL INC	2390 COLLEGE AVE	42	135
DAVIE PAINT & BODY	6600 SR 84	42	142
FRANKIES AUTO PAINTING	5340 SR 84 #5	53	195
FRANKIE AUTO PAINTING	5340 STATE RD 84 BAY #5	53	195
INFINITY YACHTS	2701 REESE RD	58	214
RPM DIESEL ENGINE CO INC	2555 STATE ROAD 84	64	238
ROSCIOLI YACHTING CENTER INC	3201 SR 84	67	245
UNIWELD PRODUCTS INC	2850 RAVENSWOOD RD	68	246
PIPEWELDERS	2965 STATE RD 84	69	259
HARDRIVES CO	2700-3000 W SR 84	73	273
NEW RIVER MARINA	3001 SR 84	73	274
PERFORMANCE DIESEL SPECIALISTS	2211 SW 31ST ST	74	274
MOODY, M. D. & SONS, INC.	3100 RAVENSWOOD RD	74	275
PHOTOMETAL ETCHING INC	2948 RAVENSWOOD ROAD	74	275
FLORIDA GAS TRANS LAUDERDALE W	4700 SW 30TH ST	75	281
THE DE MOYA GROUP INC	4751 SW 30TH ST	75	282
FLORIDA PETROLEUM REPROCESSORS	3211 S.W. 50TH AVENUE	77	284
BROWARD INDUSTRIAL PLATING CO	1881 SW 36TH ST	78	311
AEROSPACE PRECISION INC	3385 SW 13TH AVE	78	312
KILO PAK MARINE ELEC GEN SYS	3333 SW 13TH AVE	78	313
COSMO INTERNATIONAL CORP	1441 SW 33RD PLACE	78	316
WILDWOOD INDUSTRIES	3200 RAVENSWOOD ROAD	82	323
KENAN TRANSPORT CO	3201 SW 26TH TERRACE	83	325
CITY TRUCKING INC	2359 SW 34TH ST	84	328
SOUTHERN WASTE SERVICES INC	2364 SW 34TH ST #F	84	328
CUSTOM WALL & BAR DESIGNS	2351 SW 34TH ST	84	330
TROPICAL CIRCUITS INC	1981 SW 36 STREET	87	331
DIXIE METAL PRODUCTS INC	2251 SW 36TH STREET	88	343
PERMA FIX OF FT LAUDERDALE INC	3670 SW 47TH AVE	90	350
AMERIJET INTERNATIONAL INC	1401 SW 39TH ST	93	382

### STATE ASTM STANDARD

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

A review of the SWF/LF list, as provided by EDR, has revealed that there are 8 SWF/LF sites within the searched area.

## EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
TRASH TRANSFER STATION	5490 STATE ROAD 84	44	148
TRANSFER/RECYCLING--LARRY O'CO	7061 SW 22 COURT	49	189
TRANSFER/RECYCLING SERVICES	7060 S.W. 22 ND COURT	49	189
<b>FLORIDA PETROLEUM REPROCESSORS</b>	<b>3211 S.W. 50TH AVENUE</b>	<b>77</b>	<b>284</b>
ATLAS WASTE MAGIC- CENTRAL FAC	3250 FIELDS ROAD	77	305
ASSOCIATED DISPOSAL SERVICES	2371 SW 36TH STREET SUI	81	323
<b>WASTE CORPORATION OF FLORIDA,</b>	<b>3251 SW 26 TER</b>	<b>83</b>	<b>324</b>
<b>PERMA FIX OF FT LAUDERDALE INC</b>	<b>3670 SW 47TH AVE</b>	<b>90</b>	<b>350</b>

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

A review of the LUST list, as provided by EDR, and dated 11/22/2002 has revealed that there are 44 LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>MOBIL #02-AER</b>	<b>15988 HWY 84</b>	<b>1</b>	<b>3</b>
<b>AMOCO SERVICE STATION #60157</b>	<b>13652 SR 84</b>	<b>4</b>	<b>13</b>
<b>7-ELEVEN FOOD STORE #26811</b>	<b>13260 W BROWARD &amp; COMMO</b>	<b>6</b>	<b>20</b>
<b>SHELL WESTGATE SALES INC</b>	<b>251 S FLAMINGO RD</b>	<b>10</b>	<b>28</b>
<b>EXXON, 595 EXXON</b>	<b>13000 SR 84</b>	<b>14</b>	<b>44</b>
ANDREAS HOLDINGS CORP PROPERTY	12200 HWY 84	14	50
<b>MOBIL #02-PFX</b>	<b>11400 HWY 84</b>	<b>16</b>	<b>53</b>
<b>CHEVRON #202684</b>	<b>1301 S UNIVERSITY DR</b>	<b>24</b>	<b>67</b>
MOBIL #02 600	8810 HWY 84	29	103
<b>MCGINNIS SKI SCHOOL</b>	<b>2421 SW 46TH AVE</b>	<b>36</b>	<b>115</b>
<b>BROWARD CNTY SCHOOL BD-MEADOW</b>	<b>2300 SW 46TH AVE</b>	<b>36</b>	<b>120</b>
<b>OLEN WALDREP &amp; SONS ROOFING IN</b>	<b>7000 SW 21ST PL</b>	<b>39</b>	<b>125</b>
<b>NATIONAL ROOFING</b>	<b>2396 SW 66TH TER</b>	<b>42</b>	<b>136</b>
<b>WRIGHT &amp; LOPEZ</b>	<b>5210 HWY 84</b>	<b>45</b>	<b>150</b>
<b>BROWARD CNTY SCHOOL BD-NEW RIV</b>	<b>3100 RIVERLAND RD</b>	<b>46</b>	<b>154</b>
EXXON #4078-RIVERLAND	3941 RIVERLAND RD	47	158
<b>SHELL-JENNA JEFF INC</b>	<b>2400 S UNIV DR</b>	<b>48</b>	<b>160</b>
<b>MOBIL #02-CVF</b>	<b>2399 S UNIVERSITY DR</b>	<b>48</b>	<b>170</b>
<b>FL DEPT OF TRANSPORTATION</b>	<b>6950 HWY 84</b>	<b>48</b>	<b>184</b>
<b>WHEELS OF AMERICA</b>	<b>1970 SR 84</b>	<b>55</b>	<b>196</b>
<b>ZIEGLER PROPERTY</b>	<b>2045 W HWY 84</b>	<b>55</b>	<b>203</b>
<b>U-HAUL CENTER</b>	<b>1840 W SR 84</b>	<b>56</b>	<b>206</b>
<b>LAUDERDALE ISLES YACHT &amp; TENNI</b>	<b>2637 WHALE HARBOR LN</b>	<b>57</b>	<b>210</b>
<b>AMOCO #913-EDDIES</b>	<b>2200 HWY 84</b>	<b>59</b>	<b>215</b>
<b>BP #00368227</b>	<b>2295 W SR 84</b>	<b>59</b>	<b>218</b>
<b>SPEEDWAY/STARVIN MARVIN #0186</b>	<b>6650 NOVA DR</b>	<b>60</b>	<b>225</b>
MOBIL #02 E69	2340 W HWY 84	63	235
<b>WORLD OF PLANTS</b>	<b>SR 84 &amp; US 441</b>	<b>65</b>	<b>239</b>
<b>BOATING CENTER OF FORT LAUDERD</b>	<b>3000 W HWY 84</b>	<b>69</b>	<b>255</b>
<b>BROWARD CNTY SCHOOL BD-EDGEWOO</b>	<b>1300 SW 32ND CT</b>	<b>72</b>	<b>261</b>
<b>ELMORE PROPERTY</b>	<b>2990 W HWY 84</b>	<b>73</b>	<b>263</b>
<b>TWIN LAKES TRAVEL PARK</b>	<b>3055 BURRIS RD</b>	<b>75</b>	<b>276</b>
<b>FL PETROLEUM REPROCESSORS INC</b>	<b>3211 SW 50TH AVE</b>	<b>77</b>	<b>289</b>
<b>CONTINENTAL FL MATERIALS INC</b>	<b>3575 SW 49TH WAY</b>	<b>77</b>	<b>298</b>
<b>DRY MARINAS INC</b>	<b>1850 SE 36TH ST</b>	<b>78</b>	<b>306</b>
<b>FORMICA FOODS CO.</b>	<b>3381 SW 15TH AVE</b>	<b>78</b>	<b>313</b>

## EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>SEA AIR PLAZA LTD</b>	<b>3383 SW 11TH AVE</b>	<b>79</b>	<b>318</b>
<b>BROWARD CNTY PROPERTY</b>	<b>2400 SW 36TH ST</b>	<b>88</b>	<b>331</b>
<b>KENAN TRANSPORT CO</b>	<b>2270 SW 36TH ST</b>	<b>88</b>	<b>337</b>
<b>DIXIE METAL PRODUCTS INC</b>	<b>2251 SW 36TH STREET</b>	<b>88</b>	<b>343</b>
<b>PERMA FIX OF FT LAUDERDALE INC</b>	<b>3670 SW 47TH AVE</b>	<b>90</b>	<b>350</b>
<b>BROWARD CNTY AVIATION FIRE RES</b>	<b>FORT LAUDERDALE/HOLLYWO</b>	<b>91</b>	<b>374</b>
<b>BROWARD CNTY AVIATION DEPT</b>	<b>FORT LAUDERDALE AIRPORT</b>	<b>91</b>	<b>377</b>
<b>AMERIJET INTERNATIONAL INC</b>	<b>1401 SW 39TH ST</b>	<b>93</b>	<b>382</b>

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

A review of the UST list, as provided by EDR, and dated 11/22/2002 has revealed that there are 67 UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>MOBIL #02-AER</b>	<b>15988 HWY 84</b>	<b>1</b>	<b>3</b>
<b>AMOCO SERVICE STATION #60157</b>	<b>13652 SR 84</b>	<b>4</b>	<b>13</b>
<b>7-ELEVEN FOOD STORE #26811</b>	<b>13260 W BROWARD &amp; COMMO</b>	<b>6</b>	<b>20</b>
<b>SHELL MOTIVA ENTERPRISES LLC</b>	<b>251 S FLAMINGO RD</b>	<b>10</b>	<b>27</b>
<b>SHELL WESTGATE SALES INC</b>	<b>251 S FLAMINGO RD</b>	<b>10</b>	<b>28</b>
<b>MOBIL #02-BW5</b>	<b>12398 SW 3RD ST</b>	<b>12</b>	<b>40</b>
<b>MOBIL STATION #02-BW5</b>	<b>12398 SW3 ST</b>	<b>12</b>	<b>43</b>
<b>EXXON, 595 EXXON</b>	<b>13000 SR 84</b>	<b>14</b>	<b>44</b>
<b>MOBIL STATION #02-PFX</b>	<b>11400 SR 84</b>	<b>16</b>	<b>52</b>
<b>MOBIL #02-PFX</b>	<b>11400 HWY 84</b>	<b>16</b>	<b>53</b>
<b>BP AMOCO STATION #13438(R0125)</b>	<b>1205 NOB HILL RD</b>	<b>20</b>	<b>62</b>
<b>PLANTATION WATER CONTROL</b>	<b>8800 N NEW RIVER CANAL</b>	<b>23</b>	<b>63</b>
<b>CORNERSTONE-PHASE I</b>	<b>1200 S PINE ISLAND RD</b>	<b>23</b>	<b>66</b>
<b>CHEVRON #202684</b>	<b>1301 S UNIVERSITY DR</b>	<b>24</b>	<b>67</b>
<b>BP AMOCO #13438</b>	<b>1205 NOB HILL RD</b>	<b>25</b>	<b>86</b>
<b>PINE ISLAND RIDGE COUNTRY CLUB</b>	<b>9400 PINE RIDGE DR</b>	<b>26</b>	<b>91</b>
<b>RIDGE PLAZA TIRE &amp; AUTO CENTER</b>	<b>9190 HWY 84</b>	<b>26</b>	<b>93</b>
<b>NORTON TIRE CO INC #29</b>	<b>1701 S UNIVERSITY DR</b>	<b>27</b>	<b>94</b>
<b>MOBIL #02 600</b>	<b>8810 HWY 84</b>	<b>29</b>	<b>99</b>
<b>MOBIL STATION #02-600</b>	<b>8810 SR 84</b>	<b>29</b>	<b>108</b>
<b>7-ELEVEN STORE #23309</b>	<b>8630 SR 84</b>	<b>31</b>	<b>109</b>
<b>CARMAX #7108</b>	<b>7420 SR 84</b>	<b>32</b>	<b>109</b>
<b>MCGINNIS SKI SCHOOL</b>	<b>2421 SW 46TH AVE</b>	<b>36</b>	<b>115</b>
<b>BROWARD CNTY SCHOOL BD-MEADOW</b>	<b>2300 SW 46TH AVE</b>	<b>36</b>	<b>120</b>
<b>OLEN WALDREP &amp; SONS ROOFING IN</b>	<b>7000 SW 21ST PL</b>	<b>39</b>	<b>125</b>
<b>OLEN WALDREP &amp; SONS ROOFING</b>	<b>7000 SW21 PL</b>	<b>39</b>	<b>128</b>
<b>NATIONAL ROOFING</b>	<b>2396 SW 66TH TER</b>	<b>42</b>	<b>136</b>
<b>FL DEPT OF TRANSPORTATION</b>	<b>6600 HWY 84</b>	<b>43</b>	<b>142</b>
<b>DI-MAR INDUSTRIES INC</b>	<b>6650 HWY 84</b>	<b>43</b>	<b>145</b>
<b>SHELL STATION</b>	<b>2400 DAVIE RD</b>	<b>44</b>	<b>148</b>
<b>SHELL-COLLEGE</b>	<b>6400 SR 84</b>	<b>44</b>	<b>149</b>
<b>WRIGHT &amp; LOPEZ</b>	<b>5210 HWY 84</b>	<b>45</b>	<b>150</b>
<b>BROWARD CNTY SCHOOL BD-NEW RIV</b>	<b>3100 RIVERLAND RD</b>	<b>46</b>	<b>154</b>
<b>SHELL-JENNA JEFF INC</b>	<b>2400 S UNIV DR</b>	<b>48</b>	<b>160</b>
<b>MOBIL #02-CVF</b>	<b>2399 S UNIVERSITY DR</b>	<b>48</b>	<b>170</b>
<b>FL DEPT OF TRANSPORTATION</b>	<b>6950 HWY 84</b>	<b>48</b>	<b>184</b>
<b>SFWMD-FT LAUD FIELD STATION</b>	<b>2535 DAVIE RD</b>	<b>51</b>	<b>189</b>

## EXECUTIVE SUMMARY

Site	Address	Map ID	Page
WHEELS OF AMERICA	1970 SR 84	55	196
ZIEGLER PROPERTY	2045 W HWY 84	55	203
U-HAUL CENTER	1840 W SR 84	56	206
LAUDERDALE ISLES YACHT & TENNI	2637 WHALE HARBOR LN	57	210
AMOCO #913-EDDIES	2200 HWY 84	59	215
BP #00368227	2295 W SR 84	59	218
SPEEDWAY/STARVIN MARVIN #0186	6650 NOVA DR	60	225
WORLD OF PLANTS	SR 84 & US 441	65	239
MASTEC INC	2801 SW46 AVE	66	244
BOATING CENTER OF FORT LAUDERD	3000 W HWY 84	69	255
HACIENDA VILLAGE POLICE DEPT	3701 CANAL DR	71	260
BROWARD CNTY SCHOOL BD-EDGEWOO	1300 SW 32ND CT	72	261
ELMORE PROPERTY	2990 W HWY 84	73	263
NEW RIVER BOATING CENTER INC	3000 SR 84	73	272
TWIN LAKES TRAVEL PARK	3055 BURRIS RD	75	276
KAELEBELS' MAINT FACILITY	2501 SW31 ST	76	282
KAELEBEL MAINT	2501 SW 31ST ST	76	282
DRY MARINAS INC	1850 SE 36TH ST	78	306
FORMICA FOODS CO.	3381 SW 15TH AVE	78	313
MACKE LAUNDRY SERVICES INC	3300 SW 13TH AVE	78	317
SEA AIR PLAZA LTD	3383 SW 11TH AVE	79	318
KENAN TRANSPORT CO	3201 SW 26TH TERRACE	83	325
KENAN TRANSPORT CO	3201 SW 26TH TER	83	326
SOUTHEAST STEEL & ERECTION	2364 SW 34TH ST	84	329
BROWARD CNTY PROPERTY	2400 SW 36TH ST	88	331
KENAN TRANSPORT CO	2270 SW 36TH ST	88	337
DIXIE METAL PRODUCTS INC	2251 SW 36TH STREET	88	343
BROWARD CNTY AVIATION FIRE RES	FORT LAUDERDALE/HOLLYWO	91	374
BROWARD CNTY AVIATION DEPT	FORT LAUDERDALE AIRPORT	91	377
AMERIJET INTERNATIONAL INC	1401 SW 39TH ST	93	382

### FEDERAL ASTM SUPPLEMENTAL

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

A review of the FINDS list, as provided by EDR, and dated 10/10/2002 has revealed that there are 64 FINDS sites within the searched area.

Site	Address	Map ID	Page
CITY FURNITURE	251 INTERNATIONAL PKWY	3	13
AMOCO SERVICE STATION #60157	13652 SR 84	4	13
SAWGRASS CORPORATE PARK	800 N W 136TH AVENUE	8	26
DRY CLEAN USA	15984 W STATE ROAD 84	9	26
BP OIL CO #01384	251 S FLAMINGO RD	18	61



## EXECUTIVE SUMMARY

Site	Address	Map ID	Page
CITY SEWER CLEANERS INC	1855 SW 101ST AVE	19	61
FLORIDA DEP DSCP D155 #0695002	1253-DC S PINE ISLAND R	23	64
RADIANT CLEANERS	1253 S PINE ISLAND RD	23	64
EXCEL CLEANERS	7630 PETERS ROAD	24	85
BUILDERS SQUARE #1505	8944 SR 84	26	93
J C CLEANERS	1585 S UNIVERSITY DR	27	97
FLORIDA DEP DSCP D175 #0699801	1585-DC UNIVERSITY DR	27	97
FARM STORE #1069	1720 S UNIVERSITY DR	27	98
WARRICKLEEN	8820 SR 84	29	106
MOBIL OIL CORP SS# 600	8810 SR 84	30	108
FLORIDA DEP DSCP D107 #0695003	1875 S UNIVERSITY DR	35	111
LORAL CLEANERS	1875 SOUTH UNIVERSITY D	35	111
DRY CLEAN USA	2319 SOUTH UNIVERSITY D	35	113
CHEVRON PRODUCTS CO #53512	2340 S UNIVERSITY DR	35	113
PEP BOYS MANNY MOE & JACK	2380 S UNIVERSITY	35	114
MOBIL OIL CORP SS# CVF	2399 S UNIVERSITY	35	114
BROWARD COUNTY-21ST MANOR DUM	2300 SW 46TH AVENUE	36	120
GLOBAL PRECISION INC	2100 SW 71 TERRACE	37	123
TEND SKIN INTERNATIONAL INC	2090 SW 71ST TERRACE	37	123
POWERTRAIN REBUILDERS INC	2030 SW 71ST TERRACE	37	124
CORVETTE CITY INC	6600 STATE ROAD 84	38	125
CREATIVE COLORS & CONCEPTS	7001 SW 21ST PL BAY 4-E	39	129
KENS AUTOMOTIVE REPAIR CENTER	2071 SW 70TH AVE	39	130
ACCURATE MACHINE INC	2021 SW 70TH AVE	39	131
ULTIMATE EURO REPAIR INC	2011 SW 70TH AVE	39	132
DUBARRY 5TH AVE INC	6900 SW 21ST CT	40	132
BROWNING FERRIS IND OF FL INC	2390 COLLEGE AVE	42	135
VALSPAR COATINGS	2355 SW 66TH TERRACE	42	139
DAVIE PAINT & BODY	6600 SR 84	42	142
FRANKIES AUTO PAINTING	5340 SR 84 #5	53	195
FRANKIE AUTO PAINTING	5340 STATE RD 84 BAY #5	53	195
INFINITY YACHTS	2701 REESE RD	58	214
RPM DIESEL ENGINE CO INC	2555 STATE ROAD 84	64	238
ROSCIOLI YACHTING CENTER INC	3201 SR 84	67	245
UNIWELD PRODUCTS INC	2850 RAVENSWOOD RD	68	246
HARDRIVES DUMP	3000 SR 84	69	254
PIPEWELDERS	2965 STATE RD 84	69	259
HARDRIVES CO	2700-3000 W SR 84	73	273
NEW RIVER MARINA	3001 SR 84	73	274
PERFORMANCE DIESEL SPECIALISTS	2211 SW 31ST ST	74	274
MOODY, M. D. & SONS, INC.	3100 RAVENSWOOD RD	74	275
PHOTOMETAL ETCHING INC	2948 RAVENSWOOD ROAD	74	275
FLORIDA GAS TRANS LAUDERDALE W	4700 SW 30TH ST	75	281
THE DE MOYA GROUP INC	4751 SW 30TH ST	75	282
FLORIDA PETROLEUM REPROCESSORS	3211 S.W. 50TH AVENUE	77	284
BROWARD INDUSTRIAL PLATING CO	1881 SW 36TH ST	78	311
AEROSPACE PRECISION INC	3385 SW 13TH AVE	78	312
KILO PAK MARINE ELEC GEN SYS	3333 SW 13TH AVE	78	313
COSMO INTERNATIONAL CORP	1441 SW 33RD PLACE	78	316
WILDWOOD INDUSTRIES	3200 RAVENSWOOD ROAD	82	323
KENAN TRANSPORT CO	3201 SW 26TH TERRACE	83	325
CITY TRUCKING INC	2359 SW 34TH ST	84	328
SOUTHERN WASTE SERVICES INC	2364 SW 34TH ST #F	84	328
CUSTOM WALL & BAR DESIGNS	2351 SW 34TH ST	84	330
TROPICAL CIRCUITS INC	1981 SW 36 STREET	87	331
DIXIE METAL PRODUCTS INC	2251 SW 36TH STREET	88	343

## EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>PASQUARIELLO PROPERTY</b>	<b>2600 SW 36TH STREET</b>	<b>89</b>	<b>349</b>
<b>PERMA FIX OF FT LAUDERDALE INC</b>	<b>3670 SW 47TH AVE</b>	<b>90</b>	<b>350</b>
<b>AMERIJET INTERNATIONAL INC</b>	<b>1401 SW 39TH ST</b>	<b>93</b>	<b>382</b>

**Mines:** Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the MINES list, as provided by EDR, and dated 09/10/2002 has revealed that there are 3 MINES sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>C &amp; L DREDGING CO.</b>		<b>54</b>	<b>196</b>
<b>DI MAR INDUSTRIES</b>		<b>54</b>	<b>196</b>
<b>HARDRIVES COMPANY</b>		<b>61</b>	<b>235</b>

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

A review of the TRIS list, as provided by EDR, and dated 12/31/2000 has revealed that there is 1 TRIS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>RADIANT CLEANERS</b>	<b>1253 S PINE ISLAND RD</b>	<b>23</b>	<b>64</b>

### STATE OR LOCAL ASTM SUPPLEMENTAL

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

A review of the AST list, as provided by EDR, and dated 11/22/2002 has revealed that there are 11 AST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>MOBIL #02-AER</b>	<b>15988 HWY 84</b>	<b>1</b>	<b>3</b>
<b>PINE ISLAND RIDGE COUNTRY CLUB</b>	<b>9400 PINE RIDGE DR</b>	<b>26</b>	<b>91</b>
<b>NORTON TIRE CO INC #29</b>	<b>1701 S UNIVERSITY DR</b>	<b>27</b>	<b>94</b>
<b>MCGINNIS SKI SCHOOL</b>	<b>2421 SW 46TH AVE</b>	<b>36</b>	<b>115</b>
<b>BANASZAK CONCRETE CORP</b>	<b>2401 COLLEGE AVE</b>	<b>42</b>	<b>133</b>
<b>VALSPAR COATINGS</b>	<b>2355 SW 66TH TERRACE</b>	<b>42</b>	<b>139</b>
<b>DI-MAR INDUSTRIES INC</b>	<b>6650 HWY 84</b>	<b>43</b>	<b>145</b>
<b>FL PETROLEUM REPROCESSORS INC</b>	<b>3211 SW 50TH AVE</b>	<b>77</b>	<b>289</b>
<b>CONTINENTAL FL MATERIALS INC</b>	<b>3575 SW 49TH WAY</b>	<b>77</b>	<b>298</b>
<b>KENAN TRANSPORT CO</b>	<b>2270 SW 36TH ST</b>	<b>88</b>	<b>337</b>
<b>PERMA FIX OF FT LAUDERDALE INC</b>	<b>3670 SW 47TH AVE</b>	<b>90</b>	<b>350</b>

## EXECUTIVE SUMMARY

**FL SITES:** This summary status report is a compilation and revision of other existing lists. It was developed from a number of lists including the Eckhardt list, the Moffit list, the EPA Hazardous Waste Sites list, EPA's Emergency and Remedial Response Information System list (RCRA Section 3012), and existing department lists such as the Obsolete Uncontrolled Hazardous Waste Sites list. The purpose of this list is to track the progress of activities within and outside the department as they relate to the listed sites. It is not a list of uncontrolled sites or sources causing environmental contamination. The Sites List comes from the Department of Environmental Protection.

A review of the FI Sites list, as provided by EDR, has revealed that there are 3 FI Sites sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BROWARD INDUSTRIAL PLATING 08/	1881 SW 36 AVE.	33	110
UNIVIS AKA VISION EASE	3301 SW 9TH AVE.	80	323
CRAMER & MAUER AKA NEFF OIL	3830 SW 47TH AVE	92	381

**Env. Assess.:** Environmental Assessment sites are contaminated sites (Non-Leaking Underground Petroleum Tanks) under the state cleanup program.

Statewide oil and hazardous materials inland incidents

A review of the SPILLS list, as provided by EDR, and dated 10/21/2002 has revealed that there are 12 SPILLS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	13600 STATE ROAD 84	13	44
Not reported	11526 WEST STATE ROAD 8	17	61
Not reported	12901 SW 9TH PLACE	21	62
Not reported	8810 STATE ROAD 84	28	98
Not reported	2030 SOUTHWEST 71 TER.	37	124
Not reported	7001 SOUTHWEST 21ST PLA	39	130
Not reported	4341 SOUTHWEST 22 STREE	41	133
Not reported	2496 BIMINI LANE	50	189
Not reported	7538 NOVA DRIVE	52	194
Not reported	6650 NOVA DRIVE	60	234
Not reported	2850 RAVENSWOOD ROAD	68	254
Not reported	2360 SOUTHWEST 36TH STR	88	337

**PRIORITY CLEANERS:** Florida Priority Cleaners list comes from the Department of Environmental Protection.

A review of the PRIORITYCLEANERS list, as provided by EDR, has revealed that there are 8 PRIORITYCLEANERS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>ONE PRICE DRY CLEANING</b>	<b>124 WESTON RD</b>	<b>2</b>	<b>12</b>
<b>DRY CLEAN USA</b>	<b>15984 W STATE ROAD 84</b>	<b>9</b>	<b>26</b>
<b>RADIANT CLEANERS</b>	<b>1253 S PINE ISLAND RD</b>	<b>23</b>	<b>64</b>
<b>EXCEL CLEANERS</b>	<b>7630 PETERS ROAD</b>	<b>24</b>	<b>85</b>
<b>JC CLEANERS</b>	<b>1585 S UNIVERSITY DR</b>	<b>27</b>	<b>96</b>
<b>WARRICKLEEN</b>	<b>8820 SR 84</b>	<b>29</b>	<b>106</b>
<b>LORAL CLEANERS</b>	<b>1875 SOUTH UNIVERSITY D</b>	<b>35</b>	<b>111</b>
<b>DRYCLEAN USA #82</b>	<b>2317 SOUTH UNIVERSITY D</b>	<b>48</b>	<b>188</b>

## EXECUTIVE SUMMARY

**DRY CLEANERS:** Florida Drycleaners list comes from the Department of Environmental Protection.

A review of the DRY CLEANERS list, as provided by EDR, has revealed that there are 8 DRY CLEANERS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>ONE PRICE DRY CLEANING</b>	<b>124 WESTON RD</b>	<b>2</b>	<b>12</b>
DRYCLEAN USA #11349	13608 SR 84	5	20
<b>DRY CLEAN USA</b>	<b>15984 W STATE ROAD 84</b>	<b>9</b>	<b>26</b>
<b>RADIANT CLEANERS</b>	<b>1253 S PINE ISLAND RD</b>	<b>23</b>	<b>64</b>
<b>EXCEL CLEANERS</b>	<b>7630 PETERS ROAD</b>	<b>24</b>	<b>85</b>
<b>WARRICKLEEN</b>	<b>8820 SR 84</b>	<b>29</b>	<b>106</b>
<b>LORAL CLEANERS</b>	<b>1875 SOUTH UNIVERSITY D</b>	<b>35</b>	<b>111</b>
<b>DRYCLEAN USA #82</b>	<b>2317 SOUTH UNIVERSITY D</b>	<b>48</b>	<b>188</b>

**NOTICE OF VIOLATION:** NOV Facilities have received a notice of violation letter under Broward County Chapter 27 code.

A review of the BROWARD CO. NOV list, as provided by EDR, has revealed that there are 11 BROWARD CO. NOV sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
ISLAND HOMES, LTD.	2000 SW 60 AVE	34	111
<b>MASTEC INC</b>	<b>2801 SW46 AVE</b>	<b>66</b>	<b>244</b>
<b>ROSCIOLI YACHTING CENTER INC</b>	<b>3201 SR 84</b>	<b>67</b>	<b>245</b>
NEW RIVER SHIPYARD, INC.	3001 SR 84	69	254
<b>NEW RIVER BOATING CENTER INC</b>	<b>3000 SR 84</b>	<b>73</b>	<b>272</b>
SUN RECYCLING, L.L.C.	3251 SW 26 TER	83	324
SUN RECYCLING, L.L.C.	3251 SW 26 TER	83	324
<b>WASTE CORPORATION OF FLORIDA,</b>	<b>3251 SW 26 TER</b>	<b>83</b>	<b>324</b>
QUALEX INC.	3400 SW 26 TER	85	330
QUALEX INC.	3400 SW 26 TER	85	330
QUALEX INC.	3400 SW 26 TER	85	331

**EDIEAR:** Broward County Ediear.

A review of the Broward Co. EDIEAR list, as provided by EDR, has revealed that there are 27 Broward Co. EDIEAR sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>DRY CLEAN USA</b>	<b>15984 W STATE ROAD 84</b>	<b>9</b>	<b>26</b>
<b>RADIANT CLEANERS</b>	<b>1253 S PINE ISLAND RD</b>	<b>23</b>	<b>64</b>
EXXON JACARANDA	1301 S UNIVERSITY DR	24	67
EXCEL DRY CLEANERS	7630 PETERS RD	24	85
<b>JC CLEANERS</b>	<b>1585 S UNIVERSITY DR</b>	<b>27</b>	<b>96</b>
<b>WARRICKLEEN</b>	<b>8820 SR 84</b>	<b>29</b>	<b>106</b>
<b>LORAL CLEANERS</b>	<b>1875 SOUTH UNIVERSITY D</b>	<b>35</b>	<b>111</b>
MCGINNIS SKI SCHOOL	2421 SW 46 AV	36	115
<b>OLEN WALDREP &amp; SONS ROOFING</b>	<b>7000 SW21 PL</b>	<b>39</b>	<b>128</b>
NATIONAL ROOFING COMPANY	2396 SW 66 TER	42	138
EXXON STATION #4078 RIVE	3941 RIVERLAND RD	47	160
GULF #594176/20128	2399 UNIVERSITY DR	48	170

## EXECUTIVE SUMMARY

Site	Address	Map ID	Page
SHELL S/S/ #209-2080-0167	2400 S UNIVERSITY DR	48	184
DRY CLEAN USA	2317 S UNIVERSITY DR	48	188
SPEEDWAY OIL	6650 NOVA DR	60	234
GULF #367227	2295 SR 84	62	235
<b>UNIWELD PRODUCTS INC</b>	<b>2850 RAVENSWOOD RD</b>	<b>68</b>	<b>246</b>
LAKEWOOD TRAVEL PARK/TWIN	3055 BURRIS RD	75	276
<b>FLORIDA PETROLEUM REPROCESSORS</b>	<b>3211 S.W. 50TH AVENUE</b>	<b>77</b>	<b>284</b>
DRY MARINAS INC	1850 SW 36 ST	78	311
<b>FORMICA FOODS CO.</b>	<b>3381 SW 15TH AVE</b>	<b>78</b>	<b>313</b>
KENAN TRANSPORT	3201 SW 26 TER	83	326
BCAD/REDWING CARR	2400 SW 36 ST	88	336
GAR SIDE	2360 SW 36 ST	88	337
DIXIE METAL PRODUCTS INC	2251 SW 36 ST	88	343
DANIA MOTORCROSS/SPORTS	2600 SW 36 ST	89	350
<b>AMERIJET INTERNATIONAL INC</b>	<b>1401 SW 39TH ST</b>	<b>93</b>	<b>382</b>

**HAZ MAT:** HM Sites use or store greater than 25 Gallons of hazardous materials per month.

A review of the BROWARD CO. HM list, as provided by EDR, has revealed that there are 76 BROWARD CO. HM sites within the searched area.

Site	Address	Map ID	Page
<b>ONE PRICE DRY CLEANING</b>	<b>124 WESTON RD</b>	<b>2</b>	<b>12</b>
CITY FURNITURE	251 INTERNATIONAL DR	3	13
AT&T WIRELESS SERVICE	251 SW 125 AVE	7	25
SUNRISE,POTABLE WATER PUMP STA	12630 SW 2 ST	7	25
7-ELEVEN STORE #16414	215 SW 125 AVE	7	25
PUBLIX PLAZA AT PLANTATION	225 S FLAMINGO RD	10	39
NEXTEL TOWER FL 1684C-N DAVIE	250 SW 136 AVE	11	39
DISCOUNT AUTO PARTS #509	12396 SW 3 ST	12	40
ECKERD EXPRESS PHOTO #3687	409 SW 136 AVE	15	52
DIGITAL COMM LINK INC	10450 SR 84	22	63
NEXTEL TOWER FL 1669A-NOB HILL	10450 SR 84	22	63
OLD PLANTATION WATER CONTROL	8800 N NEW RIVER CANAL	23	63
<b>RADIANT CLEANERS</b>	<b>1253 S PINE ISLAND RD</b>	<b>23</b>	<b>64</b>
<b>AT&amp;T WIRELESS</b>	<b>1200 S PINE ISLAND RD</b>	<b>23</b>	<b>66</b>
<b>EXCEL CLEANERS</b>	<b>7630 PETERS ROAD</b>	<b>24</b>	<b>85</b>
MARTINO TIRE CO OF NOB HILL RD	1124 SW 101 RD	25	90
<b>PINE ISLAND RIDGE COUNTRY CLUB</b>	<b>9400 PINE RIDGE DR</b>	<b>26</b>	<b>91</b>
<b>RIDGE PLAZA TIRE &amp; AUTO CENTER</b>	<b>9190 HWY 84</b>	<b>26</b>	<b>93</b>
V & R SPEEDEE OIL CHG & TUNEUP	1799 S UNIVERSITY DR	27	94
<b>CARMAX #7108</b>	<b>7420 SR 84</b>	<b>32</b>	<b>109</b>
MOLL INDUSTRIES INC	2200 SW 71 TER	37	123
H & P GERMAN AUTOMOTIVE	2060 SW 71 TER	37	124
POWER TRAIN REBUILDERS INC	2030 SW 71 TER	37	124
EXCLUSIVE FOREIGN AUTOMOTIVE I	2000 SW 71 TER	37	125
KILOWATT ELECTRIC COMPANY	6851 SW 21 CT	39	125
<b>OLEN WALDREP &amp; SONS ROOFING</b>	<b>7000 SW21 PL</b>	<b>39</b>	<b>128</b>
<b>CREATIVE COLORS &amp; CONCEPTS</b>	<b>7001 SW 21ST PL BAY 4-E</b>	<b>39</b>	<b>129</b>
ARCHETYPE INC	2081 SW 70 AVE	39	130
FASHION PLATING& MANUFACTURING	2071 SW 70 AVE	39	130
UNLIMITED IMPORTS	2061 SW 70 AVE	39	130
AMERICAN CHEMICAL CORPORATION	2061 SW 70 AVE	39	131
DENNIS QUALITY AUTO BODY INC	2061 SW 70 AVE	39	131

## EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
AUTO PAINT OF DAVIE LLC	2051 SW 70 AVE	39	131
POLO PRINT INC	2031 SW 70 AVE	39	131
COOPER AQUATIC SERVICES INC	2021 SW 70 AVE	39	131
CARTEK-TUNING INC	2021 SW 70 AVE	39	132
ACCURATE AUTOM MACHINE SHOP IN	2021 SW 70 AVE	39	132
<b>ULTIMATE EURO REPAIR INC</b>	<b>2011 SW 70TH AVE</b>	<b>39</b>	<b>132</b>
<b>BANASZAK CONCRETE CORP</b>	<b>2401 COLLEGE AVE</b>	<b>42</b>	<b>133</b>
BROWNING FERRIS IND OF NA INC	2380 COLLEGE AVE	42	136
A SUPERIOR TOWING CO INC	2394 SW 66 TER	42	139
SWEEPING CORP OF AMERICA INC	2394 SW 66 TER	42	139
VALSPAR CORPORATION	2355 SW 66 TER	42	139
LUKE'S HEAVY TRUCK & EQUIPMENT	2300 SW 66 TER	42	142
CRUISIN' KIDS	2251 SW 66 TER	42	142
K A M MACHINE SHOP	2250 SW 66 TER	42	142
<b>SFWMD-FT LAUD FIELD STATION</b>	<b>2535 DAVIE RD</b>	<b>51</b>	<b>189</b>
ARNET PHARMACEUTICAL CORP	2525 DAVIE RD	51	194
F J H MUSIC COMPANY INC, THE	2525 DAVIE RD	51	194
GARRISON'S REPAIR WEST	5420 SR 84	53	194
TUNE-RITE AUTOMOTIVE	5460 SR 84	53	195
TOM DONAHUE'S AUTO BODY & VETTE	5340 SR 84	53	196
GLENN'S AUTOMOTIVE INC	5320 SR 84	53	196
TRANSTECH	5410 W SR 84	53	196
<b>MASTEC INC</b>	<b>2801 SW46 AVE</b>	<b>66</b>	<b>244</b>
ROSCIOLI YACHTING CENTER INC	3201 SR 84	67	246
<b>UNIWELD PRODUCTS INC</b>	<b>2850 RAVENSWOOD RD</b>	<b>68</b>	<b>246</b>
NEW RIVER MARINA	3001 W SR 84	69	254
LAUDERDALE SAND & FILL INC	3000 SR 84	69	254
BOATSIDE SERVICES INC	3001 W SR 84	69	259
84 AUTO SERVICE INC	2941 SW 23 TER	70	259
BELLSOUTH MOBILITY DEOW	2941 SW 23 TER	70	259
<b>NEW RIVER BOATING CENTER INC</b>	<b>3000 SR 84</b>	<b>73</b>	<b>272</b>
FELIX GROUP, THE	3050 BURRIS RD	75	281
GRUNDMAN FABRICATORS & ERECTOR	3030 BURRIS RD	75	281
DE MOYA GROUP INC, THE	4751 SW 30 ST	75	282
AEROSPACE PRECISION INC	3385 SW 13 AVE	78	312
EMERY WORLDWIDE AIRLINES	1800 SW 34 ST	78	312
<b>COSMO INTERNATIONAL CORP</b>	<b>1441 SW 33RD PLACE</b>	<b>78</b>	<b>316</b>
J J KELLY USED BUS & EQUIPMENT	2490 SW 32 ST	81	323
SUN RECYCLING FACILITY #3	3251 SW 26 TER	83	324
KENAN TRANSPORT COMPANY	3201 SW 26 TER	83	328
C T I SPECIALTY PAINTING	2359 SW 34 ST	84	328
ADVANCE SCIENTIFIC & CHEMICAL	2345 SW 34 ST	84	330
AT&T FL46-SPANGLER	3400 RAVENSWOOD RD	86	331
<b>AMERIJET INTERNATIONAL INC</b>	<b>1401 SW 39TH ST</b>	<b>93</b>	<b>382</b>

### Florida Wastewater: Domestic and Industrial Wastewater Facilities

A review of the WASTEWATER list, as provided by EDR, has revealed that there is 1 WASTEWATER site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>BANASZAK CONCRETE CORP</b>	<b>2401 COLLEGE AVE</b>	<b>42</b>	<b>133</b>

## **EXECUTIVE SUMMARY**

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

# MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<b><u>FEDERAL ASTM STANDARD</u></b>	
NPL	1
Proposed NPL	0
CERCLIS	5
CERC-NFRAP	2
CORRACTS	1
RCRIS-TSD	0
RCRIS Lg. Quan. Gen.	1
RCRIS Sm. Quan. Gen.	60
ERNS	0
<b><u>STATE ASTM STANDARD</u></b>	
State Haz. Waste	0
State Landfill	8
LUST	44
UST	67
INDIAN UST	0
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>	
CONSENT	0
ROD	0
Delisted NPL	0
FINDS	64
HMIRS	0
MLTS	0
MINES	3
NPL Liens	0
PADS	0
RAATS	0
TRIS	1
TSCA	0
SSTS	0
FTTS	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>	
AST	11
FL Sites	3
FL Cattle Dip. Vats	0
SPILLS	12
PRIORITYCLEANERS	8
Dry Cleaners	8
Broward Co. NOV	11
Broward Co. EDIEAR	27
BROWARD CO. HM	76



## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
Wastewater	1
<b><u>EDR PROPRIETARY HISTORICAL DATABASES</u></b>	
Coal Gas	0

### NOTES:

Sites may be listed in more than one database

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1 MOBIL #02-AER LUST U001343282  
15988 HWY 84 UST N/A  
SUNRISE, FL 33326 AST

## LUST:

Facility ID:	8732343	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	004	Township:	50S
Range:	43E	Lat/long:	26° 7' 35" / 80° 21' 42"
Facility Status:	OPEN	Facility Type:	Retail Station
Operator:	DOREEN PROHASKA		
Facility Phone:	(954) 389-0150		
Related Party:	EXXONMOBIL OIL CORP		
Related Party Addr:	12265 W BAYAUD AVE #300		
	ATTN: VEEDER-ROOT CMS		
	LAKEWOOD, CO 80228		
RP Bad Address:	No		
Related Party ID:	14745	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	ERIC MCPHEE		
Related Party Phone:	(303) 986-8011		
Related Party Begin:	05/20/94	Contamination ID:	9623
Name Update:	Not reported	Address Update:	01/24/02
Facility Cleanup Status:		Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default)	
Facility Cleanup Score:	50		
Facility Cleanup Rank:	3593		
Discharge ID:	11164		
Clean Up Work Status:	ACTIVE		
Discharge Date:	12/15/88		
Pct Discharge Combined With:	11164		
Discharge Cleanup Status:	RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)		
Discharge Cleanup Status Date:	10/26/01		
Clean Up Required by 62-770:	New Cleanup Required		
Information Source:	EDI		
Other Source Description:	Not reported		
Discharge Lead Agency:	Local Program		
Score Effective Date:	01/06/98		
Inspection Date:	01/23/90		
Contaminated Media ID:	8387		
Contaminated Drinking Wells:	0		
Contaminated Soil:	Yes		
Contaminated Surface Water:	No		
Contaminated Ground Water:	Yes		
Contaminated Monitoring Well:	Yes		
Pollutant ID:	14111		
Pollutant Substance:	Generic gasoline		
Substance Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	50		
Cleanup Eligibility Id:	11924		
Cleanup Program:	Early Detection Initiative		
Cleanup Lead :	Reimbursement		
Application Recvd Date:	12/30/88		
Letter of Intent Date:	04/08/91		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-AER (Continued)**

**U001343282**

Eligibility Status:	07/16/91
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	07/16/91
RAP Task ID:	26219
RAP Cleanup Responsible:	Responsible Party
RAP Order Completion Date:	02/11/93
RAP Actual Completion Date:	02/11/93
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	26220
RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	26218
SA Cleanup Responsible:	Responsible Party
SA Actual Completion Date:	03/04/92
SA Payment Date:	04/16/93
SA Actual Cost:	3
SR Task ID:	26217
SR Cleanup Responsible:	Responsible Party
SR Oral Date:	Not reported
SR Written Date:	04/08/91
Free Product Removal:	Yes
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	03/15/93
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	11164
Clean Up Work Status:	ACTIVE
Discharge Date:	12/15/88
Pct Discharge Combined With:	11164
Discharge Cleanup Status:	RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)
Discharge Cleanup Status Date:	10/26/01
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	EDI
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	01/23/90
Contaminated Media ID:	8387
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes

Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-AER (Continued)**

**U001343282**

Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14112
Pollutant Substance:	Vehicular diesel
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	50
Cleanup Eligibility Id:	11924
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	Reimbursement
Application Recvd Date:	12/30/88
Letter of Intent Date:	04/08/91
Eligibility Status:	07/16/91
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	07/16/91
RAP Task ID:	26219
RAP Cleanup Responsible:	Responsible Party
RAP Order Completion Date:	02/11/93
RAP Actual Completion Date:	02/11/93
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	26220
RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	26218
SA Cleanup Responsible:	Responsible Party
SA Actual Completion Date:	03/04/92
SA Payment Date:	04/16/93
SA Actual Cost:	3
SR Task ID:	26217
SR Cleanup Responsible:	Responsible Party
SR Oral Date:	Not reported
SR Written Date:	04/08/91
Free Product Removal:	Yes
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	03/15/93
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-AER (Continued)

U001343282

Discharge ID:	53044
Clean Up Work Status:	ACTIVE
Discharge Date:	05/02/01
Pct Discharge Combined With:	53044
Discharge Cleanup Status:	Verified Contamination, Cleanup Required
Discharge Cleanup Status Date:	05/30/01
Clean Up Required by 62-770:	Not reported
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Not reported
Score Effective Date:	Not reported
Inspection Date:	05/07/01
Contaminated Media ID:	22029
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	35821
Pollutant Substance:	Vehicular diesel
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	PRODUCT IN MWS #2 & #3
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	Not reported
Cleanup Program:	Not reported
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-AER (Continued)

U001343282

SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
County Code : 6  
Score Ranked : 50  
Score Effective : 11/04/97  
Rank : 3593  
Cleanup Status : REPT  
Facility Status : OPEN  
Type : A  
Facility Phone : (954) 389-0150  
Operator : DOREEN PROHASKA  
Name Update : Not reported  
Address Update : 01/24/02  
Primary Responsible Party Id : 14745  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/20/94  
Responsible Party Name : EXXONMOBIL OIL CORP  
Responsible Party Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228  
Responsible Party Phone : (303) 986-8011  
Contact : ERIC MCPHEE  
Responsible Party Bad Address : No

## UST:

Facility ID:	8732343	Facility Type:	Retail Station
Facility Phone:	(954) 389-0150	Facility Status:	OPEN
Owner Id:	14745		
Owner Name:	EXXONMOBIL OIL CORP		
Owner Address:	12265 W BAYAUD AVE #300 ATTN: VEEDER-ROOT CMS LAKEWOOD, CO 80228		
Owner Contact:	ERIC MCPHEE	Owner Phone:	(303) 986-8011
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	6000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-MAR-1985		
Tank Construction:			

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-AER (Continued)

U001343282

Tank Id: 1  
Construction DescBall check valve  
Category: Overfill/Spill  
Description: Ball Check Valve

Tank Id: 1  
Construction DescFiberglass  
Category: Primary Construction  
Description: Fiberglass

Tank Id: 1  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket  
Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8732343  
Facility Phone: (954) 389-0150  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 2

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 6000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-MAR-1985

Tank Construction:

Tank Id: 2

Construction DescBall check valve

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-AER (Continued)

U001343282

Category: Overfill/Spill  
Description: Ball Check Valve

Tank Id: 2  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 2  
Construction DescFiberglass  
Category: Primary Construction  
Description: Fiberglass

Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8732343  
Facility Phone: (954) 389-0150  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 4

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 8000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-MAR-1985

Tank Construction:

Tank Id: 4

Construction DescBall check valve

Category: Overfill/Spill

Description: Ball Check Valve



Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-AER (Continued)**

**U001343282**

Tank Id: 4  
Construction Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Tank Id: 4  
Construction Desc: Spill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket  
Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor  
Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8732343  
Facility Phone: (954) 389-0150  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE  
Tank Content Desc: Retail Station

Owner Phone: (303) 986-8011

Type Description: Retail Station  
Tank Id: 5  
Tank Location: UNDERGROUND

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: In service  
Install Date: 01-MAR-1985

Tank Status Date: Not reported

Tank Construction:  
Tank Id: 5  
Construction Desc: Ball check valve  
Category: Overfill/Spill  
Description: Ball Check Valve

Tank Id: 5

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-AER (Continued)

U001343282

Construction Desc: Spill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 5  
Construction Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8732343  
Facility Phone: (954) 389-0150  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 3

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas  
Gallons: 8000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-MAR-1985

Tank Construction:

Tank Id: 3  
Construction Desc: Ball check valve  
Category: Overfill/Spill  
Description: Ball Check Valve

Tank Id: 3  
Construction Desc: Fiberglass  
Category: Primary Construction

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-AER (Continued)**

**U001343282**

Description: Fiberglass  
Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells  
  
Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor  
Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

**AST:**

Facility ID:	8732343	Tank ID:	10
Facility Phone:	(954) 389-0150	Facility Status:	OPEN
Facility Type:	Retail Station	Vessel Indicator:	TANK
Tank Location:	ABOVEGROUND	Content Description:	New/Lube Oil
Type Description:	Retail Station		
Substance:			
Description:	New/lube oil		
Gallons:	550		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	Removed	Status Date:	01-NOV-2001
Install Date:	01-FEB-1990	Owner Phone:	(303) 986-8011
Owner Id:	14745		
Owner Name:	EXXONMOBIL OIL CORP		
Owner Contact:	ERIC MCPHEE		
Owner Address:	12265 W BAYAUD AVE #300 ATTN: VEEDER-ROOT CMS LAKEWOOD, CO 80228		

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

2

**ONE PRICE DRY CLEANING**  
124 WESTON RD  
WESTON, FL 33326

**BROWARD CO. HM S103119654**  
**DRY CLEANERS N/A**  
**PRIORITYCLEANERS**

**HAZMAT:**

Document Id: 7216

**DRYCLN:**

Facility Status:	OPEN	Start Date:	08/01/89
Facility ID:	9500436	Facility Tel:	(305) 572-8054
Facility Type:	Drycleaner	Contact:	MNOOKIN, BARRY
Owner ID:	38648		
Address:	4513 N PINE ISLAND RD		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ONE PRICE DRY CLEANING (Continued)**

**S103119654**

Owner Role: SUNRISE, FL 3335  
ACCOUNT OWNER RP Phone: (305) 572-8054

Facility Status: OPEN  
Facility ID: 9500436 Start Date: 08/01/89  
Facility Type: Drycleaner Facility Tel: (305) 572-8054  
Owner ID: 38648 Contact: MNOOKIN, BARRY  
Address: 4513 N PINE ISLAND RD  
SUNRISE, FL 3335

Owner Role: FACILITY OWNER RP Phone: (305) 572-8054

Facility Status: OPEN  
Facility ID: 9500436 Start Date: 07/13/95  
Facility Type: Drycleaner Facility Tel: (305) 572-8054  
Owner ID: 40751 Contact: LEVINE, MEYER  
Address: 4567 PINE ISLAND RD  
SUNRISE, FL 3335

Owner Role: PROPERTY OWNER RP Phone: (305) 572-3809

**PRIORITY CLEANERS:**

Facility ID : 9500436 Score : 155  
Rank : T Voluntary : Not reported  
SRCO Date : 7/2/01

**3 CITY FURNITURE  
251 INTERNATIONAL PKWY  
SUNRISE, FL 33325**

**RCRIS-SQG 1004684613  
FINDS FLR000027813**

**RCRIS:**

Owner: KEVIN KOENIG  
(954) 845-0045  
EPA ID: FLR000027813  
Contact: BOB FORDE  
Classification: Conditionally Exempt Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**3 CITY FURNITURE  
251 INTERNATIONAL DR  
SUNRISE, FL 33325**

**BROWARD CO. HM S103297105  
N/A**

**HAZMAT:**

Document Id: 5712

**4 AMOCO SERVICE STATION #60157  
13652 SR 84  
DAVIE, FL 33325**

**RCRIS-SQG 1000702897  
FINDS FLD984213900  
LUST  
UST**

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## AMOCO SERVICE STATION #60157 (Continued)

1000702897

### RCRIS:

Owner: J E PIETRYLA  
(305) 472-3641  
EPA ID: FLD984213900  
Contact: J E  
(305) 472-3641

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

### FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

### LUST:

Facility ID:	8944358	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 7' 4" / 80° 19' 53"
Facility Status:	OPEN	Facility Type:	Retail Station
Operator:	ACA MGMT SVCS		
Facility Phone:	(954) 749-1088		
Related Party:	BP PRODUCTS NORTH AMERICA INC		
Related Party Addr:	8736 W COMMERCIAL HWY LAUDERHILL, FL 33351		
RP Bad Address:	No		
Related Party ID:	778	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	RICARDO ALVEAR		
Related Party Phone:	(954) 578-2100		
Related Party Begin:	03/27/91	Contamination ID:	23595
Name Update:	Not reported	Address Update:	Not reported
Facility Cleanup Status:	Ongoing (Explanation: At least one cleanup activity is in progress at a related discharge)		
Facility Cleanup Score:	10		
Facility Cleanup Rank:	9851		
Discharge ID:	53344		
Clean Up Work Status:	ACTIVE		
Discharge Date:	11/01/01		
Pct Discharge Combined With:	53344		
Discharge Cleanup Status:	RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)		
Discharge Cleanup Status Date:	09/13/02		
Clean Up Required by 62-770:	New Cleanup Required		
Information Source:	Discharge Notification		
Other Source Description:	Not reported		
Discharge Lead Agency:	Local Program		
Score Effective Date:	10/24/02		
Inspection Date:	11/06/01		
Contaminated Media ID:	22324		
Contaminated Drinking Wells:	Not reported		
Contaminated Soil:	Not reported		
Contaminated Surface Water:	Not reported		
Contaminated Ground Water:	Yes		
Contaminated Monitoring Well:	Yes		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**AMOCO SERVICE STATION #60157 (Continued)**

**1000702897**

Pollutant ID: 36141  
Pollutant Substance: Unleaded gas  
Substance Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: 10  
Cleanup Eligibility Id: Not reported  
Cleanup Program: Not reported  
Cleanup Lead : Not reported  
Application Recvd Date: Not reported  
Letter of Intent Date: Not reported  
Eligibility Status: Not reported  
Eligibility Status Date: Not reported  
Redetermined: Not reported  
Eligibility Letter Sent: Not reported  
  
RAP Task ID: 68812  
RAP Cleanup Responsible: Not reported  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 68813  
RA Cleanup Responsible: Not reported  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 67523  
SA Cleanup Responsible: Not reported  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 10  
Score Effective : 10/24/02

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

AMOCO SERVICE STATION #60157 (Continued)

1000702897

Rank : 9851  
Cleanup Status : ONGO  
Facility Status : OPEN  
Type : A  
Facility Phone : (954) 749-1088  
Operator : ACA MGMT SVCS  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 778  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 03/27/91  
Responsible Party Name : BP PRODUCTS NORTH AMERICA INC  
Responsible Party Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351  
Responsible Party Phone : (954) 578-2100  
Contact : RICARDO ALVEAR  
Responsible Party Bad Address : No

UST:

Facility ID: 8944358 Facility Type: Retail Station  
Facility Phone: (954) 749-1088 Facility Status: OPEN  
Owner Id: 778  
Owner Name: BP PRODUCTS NORTH AMERICA INC  
Owner Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351  
Owner Contact: RICARDO ALVEAR Owner Phone: (954) 578-2100  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 1 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: In service Tank Status Date: Not reported  
Install Date: 01-AUG-1988  
Tank Construction:  
Tank Id: 1  
Construction Desc: Ball check valve  
Category: Overfill/Spill  
Description: Ball Check Valve  
Tank Id: 1  
Construction Desc: Sacrificial anode CP  
Category: Corrosion Protection  
Description: Cathodically protected-sacrificial anode  
Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells  
Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps  
Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## AMOCO SERVICE STATION #60157 (Continued)

1000702897

Description: Visual Inspection of Dispenser Liners

Tank Piping:

Piping Desc: Steel/galvanized metal

Category: Primary Construction

Description: Steel or Galvanized Metal

Piping Desc: Cathodic protection

Category: Corrosion Protection

Description: Cathodically protected w/sacr anode/impressed current

Piping Desc: Dispenser liners

Category: Miscellaneous Attributes

Description: Dispenser liners

Facility ID: 8944358

Facility Phone: (954) 749-1088

Owner Id: 778

Owner Name: BP PRODUCTS NORTH AMERICA INC

Owner Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351

Facility Type:

Facility Status:

Retail Station

OPEN

Owner Contact: RICARDO ALVEAR

Owner Phone:

(954) 578-2100

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 2

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date:

Not reported

Install Date: 01-AUG-1988

Tank Construction:

Tank Id: 2

Construction Desc: Ball check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 2

Construction Desc: Sacrificial anode CP

Category: Corrosion Protection

Description: Cathodically protected-sacrificial anode

Petro Monitoring:

Monitoring Desc: Visual inspect pipe sumps

Category: Miscellaneous

Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners

Category: Miscellaneous

Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Manually sampled wells

Category: External Tk Monitoring

Description: Manually Sampled Wells

Tank Piping:

Piping Desc: Steel/galvanized metal

Category: Primary Construction



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## AMOCO SERVICE STATION #60157 (Continued)

1000702897

Description: Steel or Galvanized Metal

Piping Desc: Cathodic protection

Category: Corrosion Protection

Description: Cathodically protected w/sacr anode/impressed current

Piping Desc: Dispenser liners

Category: Miscellaneous Attributes

Description: Dispenser liners

Facility ID: 8944358

Facility Phone: (954) 749-1088

Owner Id: 778

Owner Name: BP PRODUCTS NORTH AMERICA INC

Owner Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351

Facility Type:

Facility Status:

Retail Station

OPEN

Owner Contact: RICARDO ALVEAR

Owner Phone:

(954) 578-2100

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 4

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date:

Not reported

Install Date: 01-AUG-1988

Tank Construction:

Tank Id: 4

Construction Desc: Ball check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 4

Construction Desc: Sacrificial anode CP

Category: Corrosion Protection

Description: Cathodically protected-sacrificial anode

Petro Monitoring:

Monitoring Desc: Visual inspect pipe sumps

Category: Miscellaneous

Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners

Category: Miscellaneous

Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Manually sampled wells

Category: External Tk Monitoring

Description: Manually Sampled Wells

Tank Piping:

Piping Desc: Steel/galvanized metal

Category: Primary Construction

Description: Steel or Galvanized Metal

Piping Desc: Cathodic protection

Category: Corrosion Protection

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## AMOCO SERVICE STATION #60157 (Continued)

1000702897

Description: Cathodically protected w/sacr anode/impressed current

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8944358 Facility Type: Retail Station  
Facility Phone: (954) 749-1088 Facility Status: OPEN  
Owner Id: 778

Owner Name: BP PRODUCTS NORTH AMERICA INC  
Owner Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351

Owner Contact: RICARDO ALVEAR Owner Phone: (954) 578-2100

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 3 Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:  
Description: Unleaded gas  
Gallons: 10000

Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: In service Tank Status Date: Not reported

Install Date: 01-AUG-1988

Tank Construction:

Tank Id: 3  
Construction Desc: Ball check valve  
Category: Overfill/Spill  
Description: Ball Check Valve

Tank Id: 3  
Construction Desc: Sacrificial anode CP  
Category: Corrosion Protection  
Description: Cathodically protected-sacrificial anode

Petro Monitoring:

Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Tank Piping:

Piping Desc: Steel/galvanized metal  
Category: Primary Construction  
Description: Steel or Galvanized Metal

Piping Desc: Cathodic protection  
Category: Corrosion Protection  
Description: Cathodically protected w/sacr anode/impressed current

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**AMOCO SERVICE STATION #60157 (Continued)**

1000702897

Description: Dispenser liners

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**DRYCLEAN USA #11349  
13608 SR 84  
DAVIE, FL 33325**

**DRY CLEANERS S103297092  
N/A**

**DRYCLN:**

Facility Status:	OPEN	Start Date:	01/08/97
Facility ID:	9500806	Facility Tel:	(954) 493-6700
Facility Type:	Drycleaner	Contact:	RUTH FULTZ
Owner ID:	39025		
Address:	7771 W OAKLAND PARK BLVD #201 SUNRISE, FL 3332		
Owner Role:	ACCOUNT OWNER	RP Phone:	(954) 747-7599
Facility Status:	OPEN	Start Date:	01/08/97
Facility ID:	9500806	Facility Tel:	(954) 493-6700
Facility Type:	Drycleaner	Contact:	RUTH FULTZ
Owner ID:	39025		
Address:	7771 W OAKLAND PARK BLVD #201 SUNRISE, FL 3332		
Owner Role:	FACILITY OWNER	RP Phone:	(954) 747-7599
Facility Status:	OPEN	Start Date:	05/10/95
Facility ID:	9500806	Facility Tel:	(954) 493-6700
Facility Type:	Drycleaner	Contact:	MELANIE HUFFMAN
Owner ID:	40196		
Address:	6518 N SR 7 COCONUT CREEK, FL 3332		
Owner Role:	PROPERTY OWNER	RP Phone:	(954) 428-2260

6

**7-ELEVEN FOOD STORE #26811  
13260 W BROWARD & COMMODORE DR  
PLANTATION, FL 33325**

**LUST U001343078  
UST N/A**

**LUST:**

Facility ID:	8627778	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	002	Township:	50S
Range:	40E	Lat/long:	26° 7' 2" / 80° 19' 28"
Facility Status:	CLOSED	Facility Type:	Retail Station
Operator:	WILLO SMITH		
Facility Phone:	(407) 295-3076		
Related Party:	7-ELEVEN INC		
Related Party Addr:	1300 LEE RD ATTN: WILLO SMITH ORLANDO, FL 32810		
RP Bad Address:	No	Related Party Role:	ACCOUNT OWNER
Related Party ID:	20385		
Related Prty Contact:	WILLO SMITH		
Related Party Phone:	(407) 532-2039		
Related Party Begin:	05/20/94	Contamination ID:	9667
Name Update:	Not reported	Address Update:	Not reported

Facility Cleanup Status: Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)

Facility Cleanup Score: 60

Facility Cleanup Rank: 2163

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN FOOD STORE #26811 (Continued)

U001343078

Discharge ID: 11221  
Clean Up Work Status: COMBINED  
Discharge Date: 01/16/90  
Pct Discharge Combined With: 11221  
Discharge Cleanup Status: Discharge Notification Received  
Discharge Cleanup Status Date: 02/04/02  
Clean Up Required by 62-770: Combined Cleanup Required  
Information Source: Discharge Notification  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 01/06/98  
Inspection Date: Not reported  
Contaminated Media ID: Not reported  
Contaminated Drinking Wells: Not reported  
Contaminated Soil: Not reported  
Contaminated Surface Water: Not reported  
Contaminated Ground Water: Not reported  
Contaminated Monitoring Well: Not reported  
Pollutant ID: 14177  
Pollutant Substance: Unleaded gas  
Substance Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: 5  
Score: 60  
Cleanup Eligibility Id: 11981  
Cleanup Program: Other  
Cleanup Lead : State  
Application Recvd Date: Not reported  
Letter of Intent Date: Not reported  
Eligibility Status: Not reported  
Eligibility Status Date: Not reported  
Redetermined: No  
Eligibility Letter Sent: Not reported  
  
RAP Task ID: Not reported  
RAP Cleanup Responsible: Not reported  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: Not reported  
RA Cleanup Responsible: Not reported  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: Not reported  
SA Cleanup Responsible: Not reported  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## 7-ELEVEN FOOD STORE #26811 (Continued)

U001343078

SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	11222
Clean Up Work Status:	COMPLETED
Discharge Date:	11/12/87
Pct Discharge Combined With:	11222
Discharge Cleanup Status:	SRCR Complete (Explanation: Site Rehabilitation Completion Report has been Approved)
Discharge Cleanup Status Date:	01/29/98
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	EDI
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	01/06/87
Contaminated Media ID:	8426
Contaminated Drinking Wells:	0
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14178
Pollutant Substance:	Generic gasoline
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	60
Cleanup Eligibility Id:	11982
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	Reimbursement
Application Recvd Date:	11/12/87
Letter of Intent Date:	09/10/96
Eligibility Status:	02/24/88
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	02/24/88
RAP Task ID:	26360
RAP Cleanup Responsible:	Responsible Party
RAP Order Completion Date:	04/15/92
RAP Actual Completion Date:	04/15/92
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	26361
RA Cleanup Responsible:	Responsible Party

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN FOOD STORE #26811 (Continued)

U001343078

RA Actual Cost: Not reported  
Ra Actual Years to Complete: 0  
SRC Action Type: SRCR  
SRC Submit Date: 01/26/98  
SRC Review Date: 01/28/98  
SRC Issue Date: 03/19/98  
SRC Status Effective Date: 01/29/98  
SRC Comment: Not reported  
SA ID: 26359  
SA Cleanup Responsible: Responsible Party  
SA Actual Completion Date: 08/26/91  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: 26358  
SR Cleanup Responsible: Responsible Party  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported

County Code : 6  
Score Ranked : 60  
Score Effective : 11/04/97  
Rank : 2163  
Cleanup Status : CMPL  
Facility Status : CLOSED  
Type : A  
Facility Phone : (407) 295-3076  
Operator : WILLO SMITH  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 20385  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/20/94  
Responsible Party Name : 7-ELEVEN INC  
Responsible Party Address: 1300 LEE RD  
ATTN: WILLO SMITH  
ORLANDO, FL 32810  
Responsible Party Phone : (407) 532-2039  
Contact : WILLO SMITH  
Responsible Party Bad Address : No

UST:

Facility ID: 8627778  
Facility Phone: (407) 295-3076  
Owner Id: 20385  
Owner Name: 7-ELEVEN INC  
Owner Address: 1300 LEE RD

Facility Type:  
Facility Status:

Retail Station  
CLOSED

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## 7-ELEVEN FOOD STORE #26811 (Continued)

U001343078

ATTN: WILLO SMITH  
ORLANDO, FL 32810

Owner Contact: WILLO SMITH  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 1  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed  
Install Date: 01-FEB-1987  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627778  
Facility Phone: (407) 295-3076  
Owner Id: 20385  
Owner Name: 7-ELEVEN INC  
Owner Address: 1300 LEE RD  
ATTN: WILLO SMITH  
ORLANDO, FL 32810

Owner Contact: WILLO SMITH  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 2  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed  
Install Date: 01-FEB-1987  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:

Owner Phone: (407) 532-2039  
Vessel Indicator: TANK  
Tank Status Date: 01-SEP-1993  
Facility Type: Retail Station  
Facility Status: CLOSED  
Owner Phone: (407) 532-2039  
Vessel Indicator: TANK  
Tank Status Date: 01-SEP-1993

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**7-ELEVEN FOOD STORE #26811 (Continued)**

**U001343078**

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

Facility ID: 8627778  
Facility Phone: (407) 295-3076  
Owner Id: 20385  
Owner Name: 7-ELEVEN INC  
Owner Address: 1300 LEE RD  
ATTN: WILLO SMITH  
ORLANDO, FL 32810

Facility Type: Retail Station  
Facility Status: CLOSED

Owner Contact: WILLO SMITH

Owner Phone: (407) 532-2039

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 3

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: Removed

Tank Status Date: 01-SEP-1993

Install Date: 01-FEB-1987

Tank Construction:

Tank Id: Not reported

Construction Desc: Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

**7 AT&T WIRELESS SERVICE  
251 SW 125 AVE  
PLANTATION, FL 33317**

**BROWARD CO. HM S103296964  
N/A**

HAZMAT:

Document Id: 4812

**7 SUNRISE, POTABLE WATER PUMP STA  
12630 SW 2 ST  
PLANTATION, FL 33325**

**BROWARD CO. HM S103298208  
N/A**

HAZMAT:

Document Id: 4941

**7 7-ELEVEN STORE #16414  
215 SW 125 AVE  
PLANTATION, FL 33325**

**BROWARD CO. HM S103298427  
N/A**

HAZMAT:

Document Id: 5411



# MAP FINDINGS

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

8	<b>SAWGRASS CORPORATE PARK</b> <b>800 N W 136TH AVENUE</b> <b>SUNRISE, FL 33309</b>	<b>RCRIS-SQG</b> <b>FINDS</b>	<b>1000699641</b> <b>FLD981473978</b>
---	---	----------------------------------	--

## RCRIS:

Owner: JOHN THOMSON  
(305) 771-4900  
EPA ID: FLD981473978  
Contact: JOHN THOMSON  
(305) 771-4900

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	09/24/1987
Actual Date Achieved Compliance:	10/19/1987
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	09/24/1987
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Non-Financial Record Review	GENERATOR-OTHER REQUIREMENTS	19871019

## FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

9	<b>DRY CLEAN USA</b> <b>15984 W STATE ROAD 84</b> <b>SUNRISE, FL 33326</b>	<b>RCRIS-SQG</b> <b>FINDS</b> <b>Broward Co. EDIEAR</b> <b>DRY CLEANERS</b> <b>PRIORITYCLEANERS</b>	<b>1000174318</b> <b>FLD981026628</b>
---	--	---	--

## RCRIS:

Owner: NADEER KHAN, PRESIDENT  
(305) 474-3917  
EPA ID: FLD981026628  
Contact: NADEER KHAN  
(305) 474-3917

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DRY CLEAN USA (Continued)**

1000174318

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

**FL BROWARD COUNTY EDIEAR:**

Facility ID: 3525  
Region: BROWARD  
Facility Type: DRY CLEANER  
Facility Department: 069500756  
Program Type: DRY-CLNR  
Pollutant Type: CHLORINATED  
Lead Agency: DEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

**DRYCLN:**

Facility Status: OPEN  
Facility ID: 9500756 Start Date: 02/01/85  
Facility Type: Drycleaner Facility Tel: (305) 474-3917  
Owner ID: 38968 Contact: KAHN, NADEER  
Address: 4096 SW 132ND AVE  
DAVIE, FL 3332  
Owner Role: ACCOUNT OWNER RP Phone: (305) 474-3917

Facility Status: OPEN  
Facility ID: 9500756 Start Date: 02/01/85  
Facility Type: Drycleaner Facility Tel: (305) 474-3917  
Owner ID: 38968 Contact: KAHN, NADEER  
Address: 4096 SW 132ND AVE  
DAVIE, FL 3332  
Owner Role: FACILITY OWNER RP Phone: (305) 474-3917

Facility Status: OPEN  
Facility ID: 9500756 Start Date: 02/11/02  
Facility Type: Drycleaner Facility Tel: (305) 474-3917  
Owner ID: 52681 Contact: ALESIA M SONCIO  
Address: 201 N US HWY ONE D5  
JUPITER, FL 3332  
Owner Role: PROPERTY OWNER RP Phone: (561) 747-4883

**PRIORITY CLEANERS:**

Facility ID : 9500756 Score : 32  
Rank : 655 Voluntary : Not reported  
SRCO Date : Not reported

10

**SHELL MOTIVA ENTERPRISES LLC**  
251 S FLAMINGO RD  
PLANTATION, FL 33325

**UST U003730003**  
N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SHELL MOTIVA ENTERPRISES LLC (Continued)**

**U003730003**

FL UST Broward County:

Location ID: 587411  
Install Date: 7/25/91  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069103324

Location ID: 587411  
Install Date: 7/6/96  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069103324

Location ID: 587411  
Install Date: 7/25/91  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069103324

Location ID: 587411  
Install Date: 7/25/91  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069103324

Location ID: 587411  
Install Date: 7/6/96  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069103324

10

**SHELL WESTGATE SALES INC  
251 S FLAMINGO RD  
PLANTATION, FL 33325**

**LUST U001377179  
UST N/A**

LUST:

Facility ID:	9103324	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	003	Township:	50S
Range:	40E	Lat/long:	26° 7' 30" / 80° 22' 7"
Facility Status:	OPEN	Facility Type:	Retail Station

Operator: JEAN PERDIKIS  
Facility Phone: (954) 474-8368  
Related Party: MOTIVA ENTERPRISES LLC  
Related Party Addr: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701

RP Bad Address: No  
Related Party ID: 24645  
Related Party Role: ACCOUNT OWNER

Related Party Contact: C M NEDERPELT  
Related Party Phone: (954) 462-0460  
Related Party Begin: 08/06/93

Name Update: Not reported  
Contamination ID: 9081  
Address Update: 11/22/99

Facility Cleanup Status: Not Required (Explanation: All related discharges either did not require cleanup per Chapter 17-770 rule, or no contamination was found by inspection)

Facility Cleanup Score: Not reported  
Facility Cleanup Rank: Not reported

Discharge ID: 10523

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL WESTGATE SALES INC (Continued)

U001377179

Clean Up Work Status:	COMPLETED
Discharge Date:	12/07/95
Pct Discharge Combined With:	10523
Discharge Cleanup Status:	Cleanup Not Required (Explanation: Cleanup Not Required by Chapter 17-770 Rules)
Discharge Cleanup Status Date:	01/03/02
Clean Up Required by 62-770:	No Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Not reported
Score Effective Date:	09/21/98
Inspection Date:	12/14/95
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	13453
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	11268
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	01/08/96
Letter of Intent Date:	03/22/96
Eligibility Status:	04/02/96
Eligibility Status Date:	I
Redetermined:	No
Eligibility Letter Sent:	04/02/96
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL WESTGATE SALES INC (Continued)

U001377179

SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	10524
Clean Up Work Status:	COMPLETED
Discharge Date:	05/27/93
Pct Discharge Combined With:	10524
Discharge Cleanup Status:	NFA Complete (Explanation: No Further Action Status Approved)
Discharge Cleanup Status Date:	05/08/00
Clean Up Required by 62-770:	Not reported
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	09/21/98
Inspection Date:	07/13/93
Contaminated Media ID:	8008
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Contaminated Monitoring Well:	Yes
Pollutant ID:	13454
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	10
Cleanup Eligibility Id:	11269
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	10/12/93
Letter of Intent Date:	06/03/93
Eligibility Status:	10/13/93
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	10/13/93
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	24836
RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SHELL WESTGATE SALES INC (Continued)**

**U001377179**

Ra Actual Years to Complete:	0
SRC Action Type:	NFA
SRC Submit Date:	03/08/00
SRC Review Date:	03/13/00
SRC Issue Date:	05/08/00
SRC Status Effective Date:	05/08/00
SRC Comment:	Not reported
SA ID:	24835
SA Cleanup Responsible:	Responsible Party
SA Actual Completion Date:	05/10/94
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	62912
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	Yes
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	10/25/99
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	25963
Clean Up Work Status:	COMPLETED
Discharge Date:	04/24/96
Pct Discharge Combined With:	25963
Discharge Cleanup Status:	NFA Complete (Explanation: No Further Action Status Approved)
Discharge Cleanup Status Date:	02/25/98
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	09/21/98
Inspection Date:	05/01/96
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	13452
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	10
Cleanup Eligibility Id:	11267
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	05/24/96

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL WESTGATE SALES INC (Continued)

U001377179

Letter of Intent Date:	12/23/96
Eligibility Status:	01/03/97
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	01/03/97
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	61587
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	0
SRC Action Type:	NFA
SRC Submit Date:	11/18/97
SRC Review Date:	11/20/97
SRC Issue Date:	02/25/98
SRC Status Effective Date:	02/25/98
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	51916
Clean Up Work Status:	COMPLETED
Discharge Date:	10/17/99
Pct Discharge Combined With:	51916
Discharge Cleanup Status:	Cleanup Not Required (Explanation: Cleanup Not Required by Chapter 17-770 Rules)
Discharge Cleanup Status Date:	07/24/01
Clean Up Required by 62-770:	No Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	Not reported
Inspection Date:	11/02/99
Contaminated Media ID:	20956
Contaminated Drinking Wells:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL WESTGATE SALES INC (Continued)

U001377179

Contaminated Soil:	Yes
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	34607
Pollutant Substance:	Vehicular diesel
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	Not reported
Cleanup Program:	Not reported
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	61597
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	0
SRC Action Type:	NFA
SRC Submit Date:	03/13/00
SRC Review Date:	03/13/00
SRC Issue Date:	Not reported
SRC Status Effective Date:	03/13/00
SRC Comment:	Not reported
SA ID:	66857
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported



Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**SHELL WESTGATE SALES INC (Continued)**

**U001377179**

County Code : Not reported  
Score Ranked : Not reported  
Score Effective : Not reported  
Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

**FL LUST Broward County:**

Region: BROWARD

**UST:**

Facility ID:	9103324	Facility Type:	Retail Station
Facility Phone:	(954) 474-8368	Facility Status:	OPEN
Owner Id:	24645		
Owner Name:	MOTIVA ENTERPRISES LLC		
Owner Address:	650 S NORTH LAKE BLVD #450 ATTN: CORI NEDERPELT ALTAMONTE SPRINGS, FL 32701		
Owner Contact:	C M NEDERPELT	Owner Phone:	(954) 462-0460
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	4	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	01-JAN-1996
Install Date:	01-JAN-1996		
Tank Construction:			
Tank Id:	4		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	4		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tnk mat		
Tank Id:	4		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL WESTGATE SALES INC (Continued)

U001377179

Tank Id: 4  
Construction Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Tank Id: 4  
Construction Desc: Flow shut-Off  
Category: Overfill/Spill  
Description: Flow shut off

Petro Monitoring:  
Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank

Monitoring Desc: Monitor dbl wall pipe space  
Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping

Monitoring Desc: Site Suitability Plan exemption  
Category: Site/General  
Description: Manually sampled wells

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 9103324  
Facility Phone: (954) 474-8368  
Owner Id: 24645  
Owner Name: MOTIVA ENTERPRISES LLC  
Owner Address: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: C M NEDERPELT  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Owner Phone: (954) 462-0460

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SHELL WESTGATE SALES INC (Continued)**

**U001377179**

Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-AUG-1991		
Tank Construction:			
Tank Id:	1		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	1		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Tank Id:	1		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	1		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tnk mat		
Petro Monitoring:			
Monitoring Desc:	Monitor dbl wall tank space		
Category:	Tank Monitoring		
Description:	Interstitial space - Double wall tank		
Monitoring Desc:	Monitor dbl wall pipe space		
Category:	Piping Monitoring		
Description:	Interstitial space - Double Walled piping		
Monitoring Desc:	Site Suitability Plan exemption		
Category:	Site/General		
Description:	Manually sampled wells		
Monitoring Desc:	Visual inspect pipe sumps		
Category:	Miscellaneous		
Description:	Visual Inspections of Piping Sumps		
Monitoring Desc:	Mechanical line leak detector		
Category:	Piping Monitoring		
Description:	Line leak detector with flow restrictor		
Tank Piping:			
Piping Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Piping Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall;single mat;out pipe mat = in pip mat		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL WESTGATE SALES INC (Continued)

U001377179

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 9103324  
Facility Phone: (954) 474-8368  
Owner Id: 24645  
Owner Name: MOTIVA ENTERPRISES LLC  
Owner Address: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: C M NEDERPELT

Owner Phone: (954) 462-0460

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 3

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-AUG-1991

Tank Construction:

Tank Id: 3

Construction Desc: Ball check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 3

Construction Desc: Spill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Tank Id: 3

Construction Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Tank Id: 3

Construction Desc: Double wall

Category: Secondary Containment

Description: Dbl wall; single mat; out tnk amt = in tnk mat

Petro Monitoring:

Monitoring Desc: Monitor dbl wall tank space

Category: Tank Monitoring

Description: Interstitial space - Double wall tank

Monitoring Desc: Visual inspect dispenser liners

Category: Miscellaneous

Description: Visual Inspection of Dispenser Liners

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL WESTGATE SALES INC (Continued)

U001377179

Monitoring Desc: Monitor dbl wall pipe space  
Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping

Monitoring Desc: Site Suitability Plan exemption  
Category: Site/General  
Description: Manually sampled wells

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 9103324  
Facility Phone: (954) 474-8368  
Owner Id: 24645  
Owner Name: MOTIVA ENTERPRISES LLC  
Owner Address: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: C M NEDERPELT  
Owner Phone: (954) 462-0460

Tank Content Desc:Retail Station  
Type Description: Retail Station  
Tank Id: 2  
Tank Location: UNDERGROUND

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Tank Status: In service  
Install Date: 01-AUG-1991  
Tank Status Date: Not reported

Tank Construction:  
Tank Id: 2  
Construction Desc:Ball check valve  
Category: Overfill/Spill  
Description: Ball Check Valve

Tank Id: 2  
Construction Desc:Double wall  
Category: Secondary Containment  
Description: Dbl wall; single mat; out tnk amt = in tnk mat

Tank Id: 2  
Construction Desc:Spill containment bucket  
Category: Overfill/Spill

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SHELL WESTGATE SALES INC (Continued)**

**U001377179**

Description: Spill containment bucket

Tank Id: 2

Construction Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Petro Monitoring:

Monitoring Desc: Visual inspect pipe sumps

Category: Miscellaneous

Description: Visual Inspections of Piping Sumps

Monitoring Desc: Mechanical line leak detector

Category: Piping Monitoring

Description: Line leak detector with flow restrictor

Monitoring Desc: Monitor dbl wall pipe space

Category: Piping Monitoring

Description: Interstitial space - Double Walled piping

Monitoring Desc: Site Suitability Plan exemption

Category: Site/General

Description: Manually sampled wells

Monitoring Desc: Visual inspect dispenser liners

Category: Miscellaneous

Description: Visual Inspection of Dispenser Liners

Tank Piping:

Piping Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Piping Desc: Double wall

Category: Secondary Containment

Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pressurized piping system

Category: Miscellaneous Attributes

Description: Pressurized piping system

Piping Desc: Dispenser liners

Category: Miscellaneous Attributes

Description: Dispenser liners

10

**PUBLIX PLAZA AT PLANTATION  
225 S FLAMINGO RD  
PLANTATION, FL 33325**

**BROWARD CO. HM S104521177  
N/A**

HAZMAT:

Document Id: 5411

11

**NEXTEL TOWER FL 1684C-N DAVIE  
250 SW 136 AVE  
DAVIE, FL 33325**

**BROWARD CO. HM S105212984  
N/A**

HAZMAT:

Document Id: 4812

# MAP FINDINGS

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

12	<b>DISCOUNT AUTO PARTS #509</b> 12396 SW 3 ST PLANTATION, FL 33325	<b>BROWARD CO. HM</b>	<b>S105212605</b> N/A
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HAZMAT:  
Document Id: 5531

12	<b>MOBIL #02-BW5</b> 12398 SW 3RD ST PLANTATION, FL 33325	<b>UST</b>	<b>U002312372</b> N/A
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UST:

Facility ID:	9502838	Facility Type:	Retail Station
Facility Phone:	(954) 423-3660	Facility Status:	OPEN
Owner Id:	14745		
Owner Name:	EXXONMOBIL OIL CORP		
Owner Address:	12265 W BAYAUD AVE #300 ATTN: VEEDER-ROOT CMS LAKEWOOD, CO 80228		
Owner Contact:	ERIC MCPHEE	Owner Phone:	(303) 986-8011
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	01-JUL-1995
Install Date:	01-JUL-1995		
Tank Construction:			
Tank Id:	1		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	1		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	1		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tnk mat		
Petro Monitoring:			
Monitoring Desc:	Groundwater Monitoring Plan		
Category:	Site/General		
Description:	Groundwater monitoring plan		
Monitoring Desc:	Manually sampled wells		
Category:	External Tk Monitoring		
Description:	Manually Sampled Wells		
Tank Piping:			
Piping Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Piping Desc:	Pipe trench liner		
Category:	Secondary Containment		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-BW5 (Continued)

U002312372

Description: Syn or box/trench liner in piping excvtn/cnmt area

Facility ID:	9502838	Facility Type:	Retail Station
Facility Phone:	(954) 423-3660	Facility Status:	OPEN
Owner Id:	14745		
Owner Name:	EXXONMOBIL OIL CORP		
Owner Address:	12265 W BAYAUD AVE #300		
	ATTN: VEEDER-ROOT CMS		
	LAKEWOOD, CO 80228		
Owner Contact:	ERIC MCPHEE	Owner Phone:	(303) 986-8011
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	01-JUL-1995
Install Date:	01-JUL-1995		
Tank Construction:			
Tank Id:	2		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	2		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	2		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tmk mat		
Petro Monitoring:			
Monitoring Desc:	Groundwater Monitoring Plan		
Category:	Site/General		
Description:	Groundwater monitoring plan		
Monitoring Desc:	Manually sampled wells		
Category:	External Tk Monitoring		
Description:	Manually Sampled Wells		
Tank Piping:			
Piping Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Piping Desc:	Pipe trench liner		
Category:	Secondary Containment		
Description:	Syn or box/trench liner in piping excvtn/cnmt area		
Facility ID:	9502838	Facility Type:	Retail Station
Facility Phone:	(954) 423-3660	Facility Status:	OPEN
Owner Id:	14745		
Owner Name:	EXXONMOBIL OIL CORP		



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-BW5 (Continued)

U002312372

Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Owner Contact: ERIC MCPHEE Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 4 Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service Tank Status Date: 01-JUL-1995

Install Date: 01-JUL-1995

Tank Construction:

Tank Id: 4

Construction Desc: Ball check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 4

Construction Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Tank Id: 4

Construction Desc: Double wall

Category: Secondary Containment

Description: Dbl wall; single mat; out tnk amt = in tnk mat

Petro Monitoring:

Monitoring Desc: Groundwater Monitoring Plan

Category: Site/General

Description: Groundwater monitoring plan

Monitoring Desc: Manually sampled wells

Category: External Tk Monitoring

Description: Manually Sampled Wells

Tank Piping:

Piping Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Piping Desc: Pipe trench liner

Category: Secondary Containment

Description: Syn or box/trench liner in piping excvtr/cnmt area

Facility ID: 9502838 Facility Type: Retail Station

Facility Phone: (954) 423-3660 Facility Status: OPEN

Owner Id: 14745

Owner Name: EXXONMOBIL OIL CORP

Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Owner Contact: ERIC MCPHEE Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

# MAP FINDINGS

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

## MOBIL #02-BW5 (Continued)

U002312372

Tank Id:	3	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	01-JUL-1995
Install Date:	01-JUL-1995		
Tank Construction:			
Tank Id:	3		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	3		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	3		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tnk mat		
Petro Monitoring:			
Monitoring Desc:	Groundwater Monitoring Plan		
Category:	Site/General		
Description:	Groundwater monitoring plan		
Monitoring Desc:	Manually sampled wells		
Category:	External Tk Monitoring		
Description:	Manually Sampled Wells		
Tank Piping:			
Piping Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Piping Desc:	Pipe trench liner		
Category:	Secondary Containment		
Description:	Syn or box/trench liner in piping excvtr/cnmt area		

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**MOBIL STATION #02-BW5**  
**12398 SW3 ST**  
**PLANTATION, FL 33325**

**UST U003729894**  
**N/A**

FL UST Broward County:

Location ID: 587606  
Install Date: 10\31\95  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069028838

Location ID: 587606  
Install Date: 10\31\95  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069028838

Location ID: 587606

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL STATION #02-BW5 (Continued)

U003729894

Install Date: 10\31\95  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069028838

Location ID: 587606  
Install Date: 10\31\95  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069028838

13

## 13600 STATE ROAD 84 DAVIE, FL

SPILLS S105185576  
N/A

### SPILLS:

Incident Nunmber: 99-02-0083  
Date Reported: 4/16/1999  
Amount Spilled: 0.00  
NFA Date: 8/3/2000  
RP / Owner Identified: No  
Pollutant: Not reported  
Substance Spilled: Not reported  
Amount Spilled: Not reported  
Amount Spilled: Not reported

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## EXXON, 595 EXXON 13000 SR 84 DAVIE, FL 33325

LUST U001342850  
UST N/A

### LUST:

Facility ID: 8622420 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: 011 Township: 50S  
Range: 40E Lat/long: 26° 6' 51" / 80° 18' 48"  
Facility Status: OPEN Facility Type: Retail Station  
Operator: SUSAN EINZIG  
Facility Phone: (954) 476-0134  
Related Party: HRENICK, ANDREW  
Related Party Addr: 1301 SW 2ND ST  
POMPANO BCH, FL 33069

RP Bad Address: No  
Related Party ID: 27818 Related Party Role: ACCOUNT OWNER

Related Prty Contact: ANDREW HRENICK  
Related Party Phone: (305) 942-8122

Related Party Begin: 08/10/95 Contamination ID: 8943  
Name Update: 01/18/00 Address Update: 08/10/95

Facility Cleanup Status: Not Required (Explanation: All related discharges either did not require cleanup per Chapter 17-770 rule, or no contamination was found by inspection)

Facility Cleanup Score: Not reported  
Facility Cleanup Rank: Not reported

Discharge ID: 25959  
Clean Up Work Status: COMPLETED  
Discharge Date: 01/04/95

Pct Discharge Combined With: 25959  
Discharge Cleanup Status: Cleanup Not Required (Explanation: Cleanup Not Required by Chapter 17-770 Rules)  
Discharge Cleanup Status Date: 05/29/01  
Clean Up Required by 62-770: No Cleanup Required

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXXON, 595 EXXON (Continued)

U001342850

Information Source:	Other
Other Source Description:	LOI
Discharge Lead Agency:	Not reported
Score Effective Date:	Not reported
Inspection Date:	01/27/95
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	13310
Pollutant Substance:	Unknown/Not reported
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	11103
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	01/04/95
Letter of Intent Date:	01/04/95
Eligibility Status:	08/02/96
Eligibility Status Date:	I
Redetermined:	No
Eligibility Letter Sent:	08/02/96
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXXON, 595 EXXON (Continued)

U001342850

SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported

County Code : Not reported  
Score Ranked : Not reported  
Score Effective : Not reported  
Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

### UST:

Facility ID:	8622420	Facility Type:	Retail Station
Facility Phone:	(954) 476-0134	Facility Status:	OPEN
Owner Id:	27818		
Owner Name:	HRENICK, ANDREW		
Owner Address:	1301 SW 2ND ST POMPANO BCH, FL 33069	Owner Phone:	(305) 942-8122
Owner Contact:	ANDREW HRENICK		
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-NOV-1984		
Tank Construction:			
Tank Id:	1		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	1		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXXON, 595 EXXON (Continued)

U001342850

Tank Id:	1		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Petro Monitoring:			
Monitoring Desc:	Manually sampled wells		
Category:	External Tk Monitoring		
Description:	Manually Sampled Wells		
Monitoring Desc:	Mechanical line leak detector		
Category:	Piping Monitoring		
Description:	Line leak detector with flow restrictor		
Monitoring Desc:	Visual inspect pipe sumps		
Category:	Miscellaneous		
Description:	Visual Inspections of Piping Sumps		
Monitoring Desc:	Visual inspect dispenser liners		
Category:	Miscellaneous		
Description:	Visual Inspection of Dispenser Liners		
Tank Piping:			
Piping Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Piping Desc:	Pressurized piping system		
Category:	Miscellaneous Attributes		
Description:	Pressurized piping system		
Piping Desc:	Dispenser liners		
Category:	Miscellaneous Attributes		
Description:	Dispenser liners		
Facility ID:	8622420	Facility Type:	Retail Station
Facility Phone:	(954) 476-0134	Facility Status:	OPEN
Owner Id:	27818		
Owner Name:	HRENICK, ANDREW		
Owner Address:	1301 SW 2ND ST POMPANO BCH, FL 33069		
Owner Contact:	ANDREW HRENICK	Owner Phone:	(305) 942-8122
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-NOV-1984		
Tank Construction:			
Tank Id:	2		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXXON, 595 EXXON (Continued)

U001342850

Tank Id: 2  
Construction Desc: Spill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 2  
Construction Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Petro Monitoring:  
Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor  
Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8622420  
Facility Phone: (954) 476-0134  
Owner Id: 27818  
Owner Name: HRENICK, ANDREW  
Owner Address: 1301 SW 2ND ST  
POMPANO BCH, FL 33069

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ANDREW HRENICK

Owner Phone: (305) 942-8122

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 3

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-NOV-1984

Tank Construction:

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXXON, 595 EXXON (Continued)

U001342850

Tank Id: 3  
Construction DescBall check valve  
Category: Overfill/Spill  
Description: Ball Check Valve

Tank Id: 3  
Construction DescFiberglass  
Category: Primary Construction  
Description: Fiberglass

Tank Id: 3  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

### FL UST Broward County:

Location ID: 587608  
Install Date: 11/1/84  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 068622420

Location ID: 587608  
Install Date: 11/1/84  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 068622420

Location ID: 587608  
Install Date: 11/1/84



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXXON, 595 EXXON (Continued)

U001342850

Tank Size: 10000.0000  
Tank Type: UG  
State ID: 068622420

Location ID: 587608  
Install Date: 11/1/84  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 587608  
Install Date: 11/1/84  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 587608  
Install Date: 11/1/84  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: Not reported

14

**ANDREAS HOLDINGS CORP PROPERTY**  
**12200 HWY 84**  
**DAVIE, FL 33355**

**LUST S105117907**  
**N/A**

### LUST:

Facility ID:	9602578	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	012	Township:	50S
Range:	40E	Lat/long:	26° 6' 47" / 80° 18' 34"
Facility Status:	DELETED	Facility Type:	Agricultural
Operator:	TIMOTHY TALBOT, AGENT		
Facility Phone:	(954) 424-6400		
Related Party:	ANDREAS HOLDINGS CORP		
Related Party Addr:	25 E GRASSY SPRAIN RD #203 YONKERS, NY 10710		

RP Bad Address: Not reported  
Related Party ID: 44985  
Related Party Role: ACCOUNT OWNER

Related Prty Contact: BETTY GODLEY  
Related Party Phone: (914) 395-3165

Related Party Begin: 11/26/96  
Name Update: Not reported  
Contamination ID: 8920  
Address Update: 10/24/01

Facility Cleanup Status: Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default)  
Facility Cleanup Score: Not reported  
Facility Cleanup Rank: Not reported

Discharge ID: 48760  
Clean Up Work Status: INACTIVE  
Discharge Date: 01/24/97  
Pct Discharge Combined With: 48760  
Discharge Cleanup Status: Report of Discharge Recieved  
Discharge Cleanup Status Date: 10/09/00  
Clean Up Required by 62-770: Not reported  
Information Source: Not reported  
Other Source Description: Not reported  
Discharge Lead Agency: Not reported  
Score Effective Date: Not reported  
Inspection Date: 06/13/97

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ANDREAS HOLDINGS CORP PROPERTY (Continued)

S105117907

Contaminated Media ID: 7894  
Contaminated Drinking Wells: 0  
Contaminated Soil: Yes  
Contaminated Surface Water: No  
Contaminated Ground Water: No  
Contaminated Monitoring Well: No  
Pollutant ID: Not reported  
Pollutant Substance: Not reported  
Substance Category: Not reported  
Regulation Began: Not reported  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: Not reported  
Cleanup Eligibility Id: 11079  
Cleanup Program: Other  
Cleanup Lead : Not reported  
Application Recvd Date: Not reported  
Letter of Intent Date: Not reported  
Eligibility Status: Not reported  
Eligibility Status Date: Not reported  
Redetermined: No  
Eligibility Letter Sent: Not reported  
  
RAP Task ID: Not reported  
RAP Cleanup Responsible: Not reported  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: Not reported  
RA Cleanup Responsible: Not reported  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: Not reported  
SA Cleanup Responsible: Not reported  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## ANDREAS HOLDINGS CORP PROPERTY (Continued)

S105117907

SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
County Code : Not reported  
Score Ranked : Not reported  
Score Effective : Not reported  
Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

15 ECKERD EXPRESS PHOTO #3687  
409 SW 136 AVE  
DAVIE, FL 33328

BROWARD CO. HM S105213200  
N/A

HAZMAT:  
Document Id: 7384 & 5912

16 MOBIL STATION #02-PFX  
11400 SR 84  
DAVIE, FL 33325

UST U003729921  
N/A

FL UST Broward County:  
Location ID: 588355  
Install Date: 10\1\89  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 068945099  
  
Location ID: 588355  
Install Date: 10\1\89  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 068945099  
  
Location ID: 588355  
Install Date: 10\1\89  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 068945099  
  
Location ID: 588355  
Install Date: 10\1\89  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 068945099

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

16 MOBIL #02-PFX LUST U001343890  
11400 HWY 84 UST N/A  
DAVIE, FL 33325

## LUST:

Facility ID:	8945099	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 4' 40" / 80° 11' 45"
Facility Status:	OPEN	Facility Type:	Retail Station
Operator:	JAMES COSTELLO		
Facility Phone:	(954) 370-1840		
Related Party:	EXXONMOBIL OIL CORP		
Related Party Addr:	12265 W BAYAUD AVE #300		
	ATTN: VEEDER-ROOT CMS		
	LAKEWOOD, CO 80228		
RP Bad Address:	No		
Related Party ID:	14745	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	ERIC MCPHEE		
Related Party Phone:	(303) 986-8011		
Related Party Begin:	08/13/96	Contamination ID:	9063
Name Update:	08/13/96	Address Update:	Not reported
Facility Cleanup Status:		Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default)	
Facility Cleanup Score:	10		
Facility Cleanup Rank:	9851		
Discharge ID:	10500		
Clean Up Work Status:	INACTIVE		
Discharge Date:	12/21/93		
Pct Discharge Combined With:	10500		
Discharge Cleanup Status:	Report of Discharge Recieved		
Discharge Cleanup Status Date:	10/09/00		
Clean Up Required by 62-770:	New Cleanup Required		
Information Source:	Not reported		
Other Source Description:	Not reported		
Discharge Lead Agency:	Local Program		
Score Effective Date:	08/31/99		
Inspection Date:	03/17/94		
Contaminated Media ID:	Not reported		
Contaminated Drinking Wells:	Not reported		
Contaminated Soil:	Not reported		
Contaminated Surface Water:	Not reported		
Contaminated Ground Water:	Not reported		
Contaminated Monitoring Well:	Not reported		
Pollutant ID:	13430		
Pollutant Substance:	Unleaded gas		
Substance Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	Not reported		
Cleanup Eligibility Id:	11242		
Cleanup Program:	Petroleum Contamination Participation Program		
Cleanup Lead :	Preapproval		
Application Recvd Date:	Not reported		
Letter of Intent Date:	Not reported		
Eligibility Status:	Not reported		
Eligibility Status Date:	Not reported		
Redetermined:	No		
Eligibility Letter Sent:	Not reported		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-PFX (Continued)

U001343890

RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	10501
Clean Up Work Status:	INACTIVE
Discharge Date:	11/23/93
Pct Discharge Combined With:	10501
Discharge Cleanup Status:	Eligible - No Task Level Data
Discharge Cleanup Status Date:	10/09/00
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	09/07/99
Inspection Date:	03/17/94
Contaminated Media ID:	7993
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Contaminated Monitoring Well:	Yes
Pollutant ID:	13431
Pollutant Substance:	Unleaded gas

Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-PFX (Continued)**

**U001343890**

Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	10
Cleanup Eligibility Id:	11243
Cleanup Program:	Petroleum Contamination Participation Program
Cleanup Lead :	Preapproval
Application Recvd Date:	04/08/94
Letter of Intent Date:	03/21/97
Eligibility Status:	04/09/97
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	04/09/97
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	6
Score Ranked :	10
Score Effective :	09/07/99
Rank :	9851
Cleanup Status :	REPT

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-PFX (Continued)

U001343890

Facility Status : OPEN  
Type : A  
Facility Phone : (954) 370-1840  
Operator : JAMES COSTELLO  
Name Update : 08/13/96  
Address Update : Not reported  
Primary Responsible Party Id : 14745  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 08/13/96  
Responsible Party Name : EXXONMOBIL OIL CORP  
Responsible Party Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228  
Responsible Party Phone : (303) 986-8011  
Contact : ERIC MCPHEE  
Responsible Party Bad Address : No

### UST:

Facility ID:	8945099	Facility Type:	Retail Station
Facility Phone:	(954) 370-1840	Facility Status:	OPEN
Owner Id:	14745		
Owner Name:	EXXONMOBIL OIL CORP		
Owner Address:	12265 W BAYAUD AVE #300 ATTN: VEEDER-ROOT CMS LAKEWOOD, CO 80228		
Owner Contact:	ERIC MCPHEE	Owner Phone:	(303) 986-8011
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-OCT-1989		
Tank Construction:			
Tank Id:	1		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	1		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	1		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tnk mat		
Tank Id:	1		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Petro Monitoring:			

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-PFX (Continued)

U001343890

Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank

Monitoring Desc: Electronic line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with electronic flow shutoff

Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8945099  
Facility Phone: (954) 370-1840  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 2

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-SEP-1989

Tank Construction:

Tank Id: 2

Construction Desc: Spill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Tank Id: 2

Construction Desc: Ball check valve

Category: Overfill/Spill

Description: Ball Check Valve



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-PFX (Continued)

U001343890

Tank Id: 2  
Construction DescDouble wall  
Category: Secondary Containment  
Description: Dbl wall; single mat; out tnk amt = in tmk mat

Tank Id: 2  
Construction DescFiberglass  
Category: Primary Construction  
Description: Fiberglass  
Petro Monitoring:  
Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Electronic line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with electronic flow shutoff

Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank  
Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8945099  
Facility Phone: (954) 370-1840  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 3

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: In service

Tank Status Date: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-PFX (Continued)

U001343890

Install Date: 01-SEP-1989

Tank Construction:

Tank Id: 3

Construction DescBall check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 3

Construction DescFiberglass

Category: Primary Construction

Description: Fiberglass

Tank Id: 3

Construction DescDouble wall

Category: Secondary Containment

Description: Dbl wall; single mat; out tnk amt = in tmk mat

Tank Id: 3

Construction DescSpill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Petro Monitoring:

Monitoring Desc: Monitor dbl wall tank space

Category: Tank Monitoring

Description: Interstitial space - Double wall tank

Monitoring Desc: Electronic line leak detector

Category: Piping Monitoring

Description: Line leak detector with electronic flow shutoff

Monitoring Desc: Visual inspect pipe sumps

Category: Miscellaneous

Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners

Category: Miscellaneous

Description: Visual Inspection of Dispenser Liners

Tank Piping:

Piping Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Piping Desc: Pressurized piping system

Category: Miscellaneous Attributes

Description: Pressurized piping system

Piping Desc: Dispenser liners

Category: Miscellaneous Attributes

Description: Dispenser liners

Facility ID: 8945099

Facility Phone: (954) 370-1840

Owner Id: 14745

Owner Name: EXXONMOBIL OIL CORP

Owner Address: 12265 W BAYAUD AVE #300

ATTN: VEEDER-ROOT CMS

LAKEWOOD, CO 80228

Facility Type:

Facility Status:

Retail Station

OPEN

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-PFX (Continued)

U001343890

Owner Contact:	ERIC MCPHEE	Owner Phone:	(303) 986-8011
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	4	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-SEP-1989		
Tank Construction:			
Tank Id:	4		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Tank Id:	4		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	4		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tmk mat		
Tank Id:	4		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Petro Monitoring:			
Monitoring Desc:	Visual inspect pipe sumps		
Category:	Miscellaneous		
Description:	Visual Inspections of Piping Sumps		
Monitoring Desc:	Visual inspect dispenser liners		
Category:	Miscellaneous		
Description:	Visual Inspection of Dispenser Liners		
Monitoring Desc:	Electronic line leak detector		
Category:	Piping Monitoring		
Description:	Line leak detector with electronic flow shutoff		
Monitoring Desc:	Monitor dbl wall tank space		
Category:	Tank Monitoring		
Description:	Interstitial space - Double wall tank		
Tank Piping:			
Piping Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Piping Desc:	Pressurized piping system		
Category:	Miscellaneous Attributes		
Description:	Pressurized piping system		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-PFX (Continued)

U001343890

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

17

11526 WEST STATE ROAD 84  
DAVIE, FL

SPILLS S105191504  
N/A

### SPILLS:

Incident Number: 01-2I-0172Z  
Date Reported: 4/24/2001  
Amount Spilled: 0.00  
NFA Date: 4/24/2001  
RP / Owner Identified: Yes  
Pollutant: Residual muriatic acid  
Substance Spilled: Residual muriatic acid  
Amount Spilled: 0.00  
Amount Spilled: 0.00  
Pollutant: Residual chlorine  
Substance Spilled: Residual chlorine  
Amount Spilled: 0.00  
Amount Spilled: 0.00

18

BP OIL CO #01384  
251 S FLAMINGO RD  
DAVIE, FL 33335

RCRIS-SQG 1000703089  
FINDS FLD984221671

### RCRIS:

Owner: GREG MURPHY, MAINT SUP  
(305) 468-2430  
EPA ID: FLD984221671  
Contact: GREG MURPHY  
(305) 468-2430

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

### FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

19

CITY SEWER CLEANERS INC  
1855 SW 101ST AVE  
DAVIE, FL 33314

RCRIS-SQG 1001023920  
FINDS FL0000907931

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**CITY SEWER CLEANERS INC (Continued)**

**1001023920**

**RCRIS:**

Owner: ROBERT ANDREI, OWNER

(954) 475-9946

EPA ID: FL0000907931

Contact: ROBERT ANDREI

(305) 475-9946

Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator

Used Oil Recyc: Yes

TSDF Activities: Not reported

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

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**BP AMOCO STATION #13438(R0125)**

**1205 NOB HILL RD**

**DAVIE, FL 33324**

**UST U003729719  
N/A**

**FL UST Broward County:**

Location ID: 589750

Install Date: 9/2/98

Tank Size: 10000.0000

Tank Type: UG

State ID: Not reported

Location ID: 589750

Install Date: 9/2/98

Tank Size: 10000.0000

Tank Type: UG

State ID: Not reported

Location ID: 589750

Install Date: 9/2/98

Tank Size: 10000.0000

Tank Type: UG

State ID: Not reported

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**12901 SW 9TH PLACE**

**DAVIE, FL**

**SPILLS S105183434  
N/A**

**SPILLS:**

Incident Number: 98-02-0441Z

Date Reported: 11/18/1998

Amount Spilled: 0.00

NFA Date: 11/18/1998

RP / Owner Identified: Yes

Pollutant: Not reported

Substance Spilled: Not reported

Amount Spilled: Not reported

Amount Spilled: Not reported

## MAP FINDINGS

Database(s)	EPA ID Number

HAZMAT:  
Document Id: 7812

HAZMAT:  
Document Id: 4812

LD PLANTATION WATER CONTROL  
000 N NEW RIVER CANAL RD  
PLANTATION, FL 33324

**PLANTATION WATER CONTROL  
8800 N NEW RIVER CANAL RD  
PLANTATION, FL 33324**

Facility ID:	8627656	Facility Type:	Other Regulated Facility
Facility Phone:	(954) 472-5596	Facility Status:	CLOSED
Owner Id:	15813		
Owner Name:	OLD PLANTATION WATER CONTROL DIST		
Owner Address:	PO BOX 15405 PLANTATION, FL 33318		
Owner Contact:	L BITTING SR	Owner Phone:	(305) 472-5596
Tank Content Desc:	Other Regulated Facility		
Type Description:	Other Regulated Facility		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	550		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-OCT-1998
Install Date:	01-NOV-1986		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8627656	Facility Type:	Other Regulated Facility
Facility Phone:	(954) 472-5596	Facility Status:	CLOSED
Owner Id:	15813		
Owner Name:	OLD PLANTATION WATER CONTROL DIST		

# MAP FINDINGS

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

## PLANTATION WATER CONTROL (Continued)

U001343031

Owner Address:	PO BOX 15405 PLANTATION, FL 33318	Owner Phone:	(305) 472-5596
Owner Contact:	L BITTING SR		
Tank Content Desc:	Other Regulated Facility		
Type Description:	Other Regulated Facility		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Fuel oil-on site heat		
Gallons:	1000		
Category:	Exempt Substances		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	31-DEC-1986
Install Date:	01-JUL-1974		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

23 FLORIDA DEP DSCP D155 #069500220  
1253-DC S PINE ISLAND RD  
PLANTATION, FL 33324

RCRIS-SQG 1004685395  
FINDS FLR000056127

RCRIS:  
Owner: JACARANDA OYSTER LTD  
(561) 368-2043  
EPA ID: FLR000056127  
Contact: JENNIFER FARRELL  
(850) 488-0190  
Classification: Conditionally Exempt Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

23 RADIANT CLEANERS  
1253 S PINE ISLAND RD  
PLANTATION, FL 33324

RCRIS-SQG 1000139395  
FINDS 12090KMTSN1F  
TRIS  
Broward Co. EDIEAR  
BROWARD CO. HM  
DRY CLEANERS  
PRIORITYCLEANERS

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**RADIANT CLEANERS (Continued)**

**1000139395**

**RCRIS:**

Owner: ERIC WEISS, PRES  
(305) 424-8303  
EPA ID: FLD982146417  
Contact: ERIC WEISS  
(305) 424-8303

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**HAZMAT:**

Document Id: 7216

**FL BROWARD COUNTY EDIEAR:**

Facility ID: 3611  
Region: BROWARD  
Facility Type: DRY CLEANER  
Facility Department: 069500220  
Program Type: DRY-CLNR  
Pollutant Type: CHLORINATED  
Lead Agency: DEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Yes  
Wellfield Site 2: Not reported

**DRYCLN:**

Facility Status:	OPEN		
Facility ID:	9500220	Start Date:	07/17/92
Facility Type:	Drycleaner	Facility Tel:	(305) 424-8303
Owner ID:	38432	Contact:	MOOSA, ABOUL
Address:	1253 SO PINE ISLAND RD PLANTATION, FL 3332		
Owner Role:	ACCOUNT OWNER	RP Phone:	(305) 424-8303
Facility Status:	OPEN		
Facility ID:	9500220	Start Date:	07/17/92
Facility Type:	Drycleaner	Facility Tel:	(305) 424-8303
Owner ID:	38432	Contact:	MOOSA, ABOUL
Address:	1253 SO PINE ISLAND RD PLANTATION, FL 3332		
Owner Role:	FACILITY OWNER	RP Phone:	(305) 424-8303
Facility Status:	OPEN		
Facility ID:	9500220	Start Date:	04/25/95
Facility Type:	Drycleaner	Facility Tel:	(305) 424-8303



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number  
Database(s)  
EPA ID Number

## RADIANT CLEANERS (Continued)

1000139395

Owner ID: 40058 Contact: MILLER, SUSAN  
Address: 200 W PALMETTO PARK RD  
BOCA RATON, FL 3332  
Owner Role: PROPERTY OWNER RP Phone: (407) 368-2063

### PRIORITY CLEANERS:

Facility ID : 9500220 Score : 129  
Rank : T Voluntary : Not reported  
SRCO Date : 3/2/00

23

## AT&T WIRELESS 1200 S PINE ISLAND RD PLANTATION, FL 33324

Miami-Dade Co. ENF S103298255  
BROWARD CO. HM N/A

FL Enforcement:  
Region: DADE  
Facility Type: ARP  
Status Date: 4/12/00 0:00:00  
Folio Num: 3030250010100  
Enforcement Officer: WESTAL

### HAZMAT:

Document Id: 4812

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## CORNERSTONE-PHASE I 1200 S PINE ISLAND RD PLANTATION, FL 33324

UST U001344050  
N/A

### UST:

Facility ID: 9100745 Facility Type: Fuel User / Non-retail  
Facility Phone: (954) 646-6066 Facility Status: OPEN  
Owner Id: 51913  
Owner Name: PATRINELY GROUP  
Owner Address: 1270 PINE ISLAND RD  
PLANTATION, FL 33324  
Owner Contact: STEWARD DOWNEY Owner Phone: (954) 452-8595  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 1 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Diesel-emergen generator  
Gallons: 1200  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01  
Tank Status: In service Tank Status Date: Not reported  
Install Date: 01-NOV-1990  
Tank Construction:  
Tank Id: 1  
Construction Desc: Ball check valve  
Category: Overfill/Spill  
Description: Ball Check Valve  
Tank Id: 1  
Construction Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass  
Tank Id: 1

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CORNERSTONE-PHASE I (Continued)

U001344050

Construction Desc: Spill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket  
Petro Monitoring:  
Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps  
Tank Piping:  
Piping Desc: Cathodic protection  
Category: Corrosion Protection  
Description: Cathodically protected w/sacr anode/impressed current

### FL UST Broward County:

Location ID: 590344  
Install Date: 11/1/90  
Tank Size: 1200.0000  
Tank Type: UG  
State ID: 069100745

24

**EXXON JACARANDA**  
**1301 S UNIVERSITY DR**  
**PLANTATION, FL 33324**

Broward Co. EDIEAR S104144025  
N/A

### FL BROWARD COUNTY EDIEAR:

Facility ID: 1043  
Region: BROWARD  
Facility Type: GAS STATION  
Facility Department: 068501933  
Program Type: FDEP  
Pollutant Type: PETROLEUM  
Lead Agency: BCDPEP  
Site Studies: X  
Remedy Selected: Yes  
Remedy Design: Yes  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

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**CHEVRON #202684**  
**1301 S UNIVERSITY DR**  
**PLANTATION, FL 33324**

LUST U001342386  
UST N/A

### LUST:

Facility ID:	8501933	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	016	Township:	50S
Range:	41E	Lat/long:	26° 6' 23" / 80° 15' 4"
Facility Status:	OPEN	Facility Type:	Retail Station
Operator:	JOHN SANSABRINO		
Facility Phone:	(954) 475-9510		
Related Party:	CHEVRON PRODUCTS CO		
Related Party Addr:	PO BOX 6004 ATTN: PERMIT DESK SAN RAMON, CA 94583		
RP Bad Address:	No		
Related Party ID:	3941	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	CHARLES BITTLE		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Related Party Phone: (925) 842-9002  
Related Party Begin: 02/08/94  
Name Update: Not reported  
Facility Cleanup Status: Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default)  
Facility Cleanup Score: 11  
Facility Cleanup Rank: 9139  
Discharge ID: 11698  
Clean Up Work Status: COMBINED  
Discharge Date: 08/03/90  
Pct Discharge Combined With: 11698  
Discharge Cleanup Status: Discharge Notification Received  
Discharge Cleanup Status Date: 03/04/01  
Clean Up Required by 62-770: Combined Cleanup Required  
Information Source: Discharge Notification  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 02/16/00  
Inspection Date: 08/09/90  
Contaminated Media ID: Not reported  
Contaminated Drinking Wells: Not reported  
Contaminated Soil: Not reported  
Contaminated Surface Water: Not reported  
Contaminated Ground Water: Not reported  
Contaminated Monitoring Well: Not reported  
Pollutant ID: 14765  
Pollutant Substance: Unleaded gas  
Substance Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: Not reported  
Cleanup Eligibility Id: 12471  
Cleanup Program: Other  
Cleanup Lead : State  
Application Recvd Date: Not reported  
Letter of Intent Date: Not reported  
Eligibility Status: Not reported  
Eligibility Status Date: Not reported  
Redetermined: No  
Eligibility Letter Sent: Not reported  
RAP Task ID: Not reported  
RAP Cleanup Responsible: Not reported  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: Not reported  
RA Cleanup Responsible: Not reported  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	11699
Clean Up Work Status:	ACTIVE
Discharge Date:	03/31/87
Pct Discharge Combined With:	11699
Discharge Cleanup Status:	RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)
Discharge Cleanup Status Date:	06/13/01
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	EDI
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	02/16/00
Inspection Date:	11/17/87
Contaminated Media ID:	8747
Contaminated Drinking Wells:	0
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14766
Pollutant Substance:	Leaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	12472
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	Reimbursement
Application Recvd Date:	04/02/87
Letter of Intent Date:	03/20/89
Eligibility Status:	08/10/89
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	08/10/89
RAP Task ID:	27634

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

RAP Cleanup Responsible:	Responsible Party
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	03/05/93
RAP Actual Cost:	37
RA Task ID:	27635
RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	27633
SA Cleanup Responsible:	Responsible Party
SA Actual Completion Date:	05/14/88
SA Payment Date:	03/05/93
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	11699
Clean Up Work Status:	ACTIVE
Discharge Date:	03/31/87
Pct Discharge Combined With:	11699
Discharge Cleanup Status:	RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)
Discharge Cleanup Status Date:	06/13/01
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	EDI
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	02/16/00
Inspection Date:	11/17/87
Contaminated Media ID:	8747
Contaminated Drinking Wells:	0
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14767
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**CHEVRON #202684 (Continued)**

**U001342386**

Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	12472
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	Reimbursement
Application Recvd Date:	04/02/87
Letter of Intent Date:	03/20/89
Eligibility Status:	08/10/89
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	08/10/89
RAP Task ID:	27634
RAP Cleanup Responsible:	Responsible Party
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	03/05/93
RAP Actual Cost:	37
RA Task ID:	27635
RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	27633
SA Cleanup Responsible:	Responsible Party
SA Actual Completion Date:	05/14/88
SA Payment Date:	03/05/93
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	51231
Clean Up Work Status:	INACTIVE
Discharge Date:	12/28/98
Pct Discharge Combined With:	51231
Discharge Cleanup Status:	Eligible - No Task Level Data
Discharge Cleanup Status Date:	10/09/00

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Clean Up Required by 62-770:	Not reported
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Not reported
Score Effective Date:	03/23/00
Inspection Date:	01/13/99
Contaminated Media ID:	20257
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	33878
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	UNKNOWN
Gallons Discharged:	Not reported
Score:	11
Cleanup Eligibility Id:	28712
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	Preapproval
Application Recvd Date:	12/31/98
Letter of Intent Date:	Not reported
Eligibility Status:	11/23/99
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	01/07/00
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 11  
Score Effective : 03/23/00  
Rank : 9139  
Cleanup Status : REPT  
Facility Status : OPEN  
Type : A  
Facility Phone : (954) 475-9510  
Operator : JOHN SANSABRINO  
Name Update : Not reported  
Address Update : 12/09/98  
Primary Responsible Party Id : 3941  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 02/08/94  
Responsible Party Name : CHEVRON PRODUCTS CO  
Responsible Party Address: PO BOX 6004  
ATTN: PERMIT DESK  
SAN RAMON, CA 94583  
  
Responsible Party Phone : (925) 842-9002  
Contact : CHARLES BITTLE  
Responsible Party Bad Address : No

## FL LUST Broward County:

Region: BROWARD

## UST:

Facility ID:	8501933	Facility Type:	Retail Station
Facility Phone:	(954) 475-9510	Facility Status:	OPEN
Owner Id:	3941		
Owner Name:	CHEVRON PRODUCTS CO		
Owner Address:	PO BOX 6004		
	ATTN: PERMIT DESK		
	SAN RAMON, CA 94583		
Owner Contact:	CHARLES BITTLE	Owner Phone:	(925) 842-9002
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1R1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Waste oil		
Gallons:	1000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	Removed	Tank Status Date:	01-NOV-1994
Install Date:	01-AUG-1987		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

### Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

### Tank Piping:

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

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004

Facility Type: Retail Station  
Facility Status: OPEN

ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Owner Contact: CHARLES BITTLE

Owner Phone: (925) 842-9002

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 7

Vessel Indicator: TANK

Tank Location: UNDERGROUND

### Substance:

Description: Waste oil  
Gallons: 1000  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01

Tank Status: Removed

Tank Status Date: 31-AUG-1987

Install Date: 01-JUL-1971

### Tank Construction:

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

### Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

### Tank Piping:

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

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004

Facility Type: Retail Station  
Facility Status: OPEN

ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Owner Contact: CHARLES BITTLE

Owner Phone: (925) 842-9002

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 3

Vessel Indicator: TANK

Tank Location: UNDERGROUND

### Substance:

Description: Leaded gas  
Gallons: 3000

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: 01-JUL-1971  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Status Date: 31-AUG-1987

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004  
ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: CHARLES BITTLE  
Tank Content Desc:Retail Station  
Type Description: Retail Station  
Tank Id: 4  
Tank Location: UNDERGROUND

Owner Phone: (925) 842-9002

Vessel Indicator: TANK

Substance:  
Description: Leaded gas  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: 01-JUL-1971

Tank Status Date: 31-AUG-1987

Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004  
ATTN: PERMIT DESK

Facility Type: Retail Station  
Facility Status: OPEN

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

SAN RAMON, CA 94583

Owner Contact: CHARLES BITTLE Owner Phone: (925) 842-9002

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 11 Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Waste oil

Gallons: 1009

Category: Petroleum Pollutant

Regulation Began: 1991-04-01

Tank Status: In service Tank Status Date: 01-JAN-2000

Install Date: 01-JAN-1995

Tank Construction:

Tank Id: 11

Construction Desc: Tight fill

Category: Overfill/Spill

Description: Tight fill

Tank Id: 11

Construction Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Tank Id: 11

Construction Desc: Spill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Petro Monitoring:

Monitoring Desc: Manual tank gauging - USTs

Category: Tank Monitoring

Description: Manual tank gauging system

Tank Piping:

Piping Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Piping Desc: Double wall

Category: Secondary Containment

Description: Dbl wall; single mat; out pipe mat = in pip mat

Facility ID: 8501933 Facility Type: Retail Station

Facility Phone: (954) 475-9510 Facility Status: OPEN

Owner Id: 3941

Owner Name: CHEVRON PRODUCTS CO

Owner Address: PO BOX 6004

ATTN: PERMIT DESK

SAN RAMON, CA 94583

Owner Contact: CHARLES BITTLE Owner Phone: (925) 842-9002

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 1 Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 8000

Category: Vehicular Fuels

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: 01-JUL-1982  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Status Date: 31-AUG-1987

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004  
ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: CHARLES BITTLE  
Tank Content Desc:Retail Station  
Type Description: Retail Station  
Tank Id: 2  
Tank Location: UNDERGROUND

Owner Phone: (925) 842-9002

Substance:  
Description: Unleaded gas  
Gallons: 3000  
Category: Vehicular Fuels

Vessel Indicator: TANK

Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: 01-JUL-1971  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

Tank Status Date: 31-AUG-1987

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004  
ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Facility Type: Retail Station  
Facility Status: OPEN

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Owner Contact: CHARLES BITTLE  
Tank Content Desc:Retail Station  
Type Description: Retail Station  
Tank Id: 3R1  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Owner Phone: (925) 842-9002

Vessel Indicator: TANK

Tank Status: Removed  
Install Date: 01-AUG-1987

Tank Status Date: 01-NOV-1994

Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004  
ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: CHARLES BITTLE  
Tank Content Desc:Retail Station  
Type Description: Retail Station  
Tank Id: 2R1  
Tank Location: UNDERGROUND

Owner Phone: (925) 842-9002

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Tank Status: Removed  
Install Date: 01-AUG-1987

Tank Status Date: 01-NOV-1994

Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Description: Not reported

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004  
ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: CHARLES BITTLE

Owner Phone: (925) 842-9002

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 5

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 3000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Tank Status Date: 31-AUG-1987

Install Date: 01-JUL-1971

Tank Construction:

Tank Id: Not reported

Construction Desc:Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004  
ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: CHARLES BITTLE

Owner Phone: (925) 842-9002

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 6

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 4000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Tank Status Date: 31-AUG-1987

Install Date: 01-JUL-1971

Tank Construction:

Tank Id: Not reported

Construction Desc:Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004

Facility Type: Retail Station  
Facility Status: OPEN

ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Owner Contact: CHARLES BITTLE

Owner Phone: (925) 842-9002

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 5R1

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Removed

Tank Status Date: 01-NOV-1994

Install Date: 01-AUG-1987

Tank Construction:

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:

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

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004  
ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: CHARLES BITTLE

Owner Phone: (925) 842-9002

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 4R1

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-NOV-1994
Install Date:	01-AUG-1987		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8501933	Facility Type:	Retail Station
Facility Phone:	(954) 475-9510	Facility Status:	OPEN
Owner Id:	3941		
Owner Name:	CHEVRON PRODUCTS CO		
Owner Address:	PO BOX 6004		
	ATTN: PERMIT DESK		
	SAN RAMON, CA 94583		
Owner Contact:	CHARLES BITTLE	Owner Phone:	(925) 842-9002
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	8	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	11525		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	01-FEB-1999
Install Date:	01-JAN-1995		
Tank Construction:			
Tank Id:	8		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	8		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Tank Id:	8		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tnk mat		
Tank Id:	8		
Construction Desc:	Flow shut-Off		



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Category: Overfill/Spill  
Description: Flow shut off

Tank Id: 8  
Construction Desc:Tight fill  
Category: Overfill/Spill  
Description: Tight fill

Petro Monitoring:  
Monitoring Desc: Electronic line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with electronic flow shutoff

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Monitor dbl wall pipe space  
Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping

Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004

Facility Type: Retail Station  
Facility Status: OPEN

ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Owner Contact: CHARLES BITTLE  
Owner Phone: (925) 842-9002

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 10

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 11525

Category: Vehicular Fuels

Regulation Began:1986-07-01

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Tank Status:	In service	Tank Status Date:	01-FEB-1999
Install Date:	01-JAN-1995		
Tank Construction:			
Tank Id:	10		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tmk mat		
Tank Id:	10		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	10		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Tank Id:	10		
Construction Desc:	Flow shut-Off		
Category:	Overfill/Spill		
Description:	Flow shut off		
Tank Id:	10		
Construction Desc:	Tight fill		
Category:	Overfill/Spill		
Description:	Tight fill		
Petro Monitoring:			
Monitoring Desc:	Electronic line leak detector		
Category:	Piping Monitoring		
Description:	Line leak detector with electronic flow shutoff		
Monitoring Desc:	Monitor dbl wall pipe space		
Category:	Piping Monitoring		
Description:	Interstitial space - Double Walled piping		
Monitoring Desc:	Monitor dbl wall tank space		
Category:	Tank Monitoring		
Description:	Interstitial space - Double wall tank		
Monitoring Desc:	Visual inspect dispenser liners		
Category:	Miscellaneous		
Description:	Visual Inspection of Dispenser Liners		
Tank Piping:			
Piping Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Piping Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall;single mat;out pipe mat = in pip mat		
Piping Desc:	Pressurized piping system		
Category:	Miscellaneous Attributes		
Description:	Pressurized piping system		
Piping Desc:	Dispenser liners		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CHEVRON #202684 (Continued)

U001342386

Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8501933  
Facility Phone: (954) 475-9510  
Owner Id: 3941  
Owner Name: CHEVRON PRODUCTS CO  
Owner Address: PO BOX 6004  
ATTN: PERMIT DESK  
SAN RAMON, CA 94583

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: CHARLES BITTLE

Owner Phone: (925) 842-9002

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 9

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 11525

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: 01-FEB-1999

Install Date: 01-JAN-1995

Tank Construction:

Tank Id: 9

Construction Desc: Tight fill

Category: Overfill/Spill

Description: Tight fill

Tank Id: 9

Construction Desc: Flow shut-Off

Category: Overfill/Spill

Description: Flow shut off

Tank Id: 9

Construction Desc: Double wall

Category: Secondary Containment

Description: Dbl wall; single mat; out tnk amt = in tnk mat

Tank Id: 9

Construction Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Tank Id: 9

Construction Desc: Spill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Petro Monitoring:

Monitoring Desc: Monitor dbl wall tank space

Category: Tank Monitoring

Description: Interstitial space - Double wall tank

Monitoring Desc: Visual inspect dispenser liners

Category: Miscellaneous

Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Monitor dbl wall pipe space

Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**CHEVRON #202684 (Continued)**

**U001342386**

Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping

Monitoring Desc: Electronic line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with electronic flow shutoff

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

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**EXCEL DRY CLEANERS  
7630 PETERS RD  
PLANTATION, FL 33324**

**Broward Co. EDIEAR S103271680  
N/A**

FL BROWARD COUNTY EDIEAR:  
Facility ID: 3543  
Region: BROWARD  
Facility Type: DRY CLEANER  
Facility Department: 069500853  
Program Type: DRY-CLNR  
Pollutant Type: CHLORINATED  
Lead Agency: DEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Yes  
Wellfield Site 2: Not reported

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**EXCEL CLEANERS  
7630 PETERS ROAD  
PLANTATION, FL 33324**

**RCRIS-SQG 1000203383  
FINDS FLD097205603  
BROWARD CO. HM  
DRY CLEANERS  
PRIORITYCLEANERS**

Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**EXCEL CLEANERS (Continued)**

**1000203383**

**RCRIS:**

Owner: CYNTHIA CONTRACT  
(305) 475-1718  
EPA ID: FLD097205603  
Contact: CYNTHIA CONTRACT  
(305) 475-1718  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
AIRS Facility System (AIRS/AFS)  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**HAZMAT:**

Document Id: 7216

**DRYCLN:**

Facility Status: OPEN  
Facility ID: 9500853 Start Date: 12/01/84  
Facility Type: Drycleaner Facility Tel: (305) 475-1718  
Owner ID: 39065 Contact: CONTRACT, CYNTHIA  
Address: 7630 PETERS RD  
PLANTATION, FL 3332  
Owner Role: ACCOUNT OWNER RP Phone: (305) 475-1718  
  
Facility Status: OPEN  
Facility ID: 9500853 Start Date: 12/01/84  
Facility Type: Drycleaner Facility Tel: (305) 475-1718  
Owner ID: 39065 Contact: CONTRACT, CYNTHIA  
Address: 7630 PETERS RD  
PLANTATION, FL 3332  
Owner Role: FACILITY OWNER RP Phone: (305) 475-1718  
  
Facility Status: OPEN  
Facility ID: 9500853 Start Date: 06/02/95  
Facility Type: Drycleaner Facility Tel: (305) 475-1718  
Owner ID: 40257 Contact: Not reported  
Address: PO BOX C  
ROSLYN, NY 3332  
Owner Role: PROPERTY OWNER RP Phone: (407) 477-5818

**PRIORITY CLEANERS:**

Facility ID : 9500853 Score : 135  
Rank : T Voluntary : Not reported  
SRCO Date : Not reported

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**BP AMOCO #13438  
1205 NOB HILL RD  
DAVIE, FL 33314**

**UST U003434653  
N/A**

**UST:**

Facility ID: 9800803 Facility Type: Retail Station  
Facility Phone: (954) 938-2700 Facility Status: OPEN  
Owner Id: 778

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BP AMOCO #13438 (Continued)

U003434653

Owner Name: BP PRODUCTS NORTH AMERICA INC  
Owner Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351  
Owner Contact: RICARDO ALVEAR  
Owner Phone: (954) 578-2100  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 1  
Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: In service  
Tank Status Date: 01-JUL-1998  
Install Date: 01-JUL-1998  
Tank Construction:  
Tank Id: 1  
Construction Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass  
Tank Id: 1  
Construction Desc: Level gauges/alarms  
Category: Overfill/Spill  
Description: Level gauges/hi level alarms  
Tank Id: 1  
Construction Desc: Flow shut-Off  
Category: Overfill/Spill  
Description: Flow shut off  
Tank Id: 1  
Construction Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall; single mat; out tnk amt = in tnk mat  
Tank Id: 1  
Construction Desc: Spill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket  
Petro Monitoring:  
Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank  
Monitoring Desc: Electronic line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with electronic flow shutoff  
Monitoring Desc: Automatic tank gauging - USTs  
Category: Tank Monitoring  
Description: Auto tank gauging system  
Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BP AMOCO #13438 (Continued)

U003434653

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners  
Tank Piping:  
Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Piping Desc: Approved synthetic material  
Category: Primary Construction  
Description: Approved synthetic material

Facility ID: 9800803 Facility Type: Retail Station  
Facility Phone: (954) 938-2700 Facility Status: OPEN  
Owner Id: 778  
Owner Name: BP PRODUCTS NORTH AMERICA INC  
Owner Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351  
Owner Contact: RICARDO ALVEAR Owner Phone: (954) 578-2100

Tank Content Desc:Retail Station  
Type Description: Retail Station  
Tank Id: 2 Vessel Indicator: TANK  
Tank Location: UNDERGROUND

Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: In service Tank Status Date: 01-JUL-1998  
Install Date: 01-JUL-1998

Tank Construction:  
Tank Id: 2  
Construction Desc:Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Tank Id: 2  
Construction DescDouble wall  
Category: Secondary Containment  
Description: Dbl wall; single mat; out tnk amt = in tmk mat

Tank Id: 2  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 2  
Construction DescLevel gauges/alarms  
Category: Overfill/Spill  
Description: Level gauges/hi level alarms

Tank Id: 2  
Construction DescFlow shut-Off

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BP AMOCO #13438 (Continued)

U003434653

Category: Overfill/Spill  
Description: Flow shut off  
Petro Monitoring:  
Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps  
  
Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners  
  
Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank  
  
Monitoring Desc: Automatic tank gauging - USTs  
Category: Tank Monitoring  
Description: Auto tank gauging system  
  
Monitoring Desc: Electronic line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with electronic flow shutoff  
Tank Piping:  
Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat  
  
Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners  
  
Piping Desc: Approved synthetic material  
Category: Primary Construction  
Description: Approved synthetic material

Facility ID: 9800803 Facility Type: Retail Station  
Facility Phone: (954) 938-2700 Facility Status: OPEN  
Owner Id: 778  
Owner Name: BP PRODUCTS NORTH AMERICA INC  
Owner Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351  
Owner Contact: RICARDO ALVEAR Owner Phone: (954) 578-2100  
Tank Content Desc:Retail Station  
Type Description: Retail Station  
Tank Id: 3 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: In service Tank Status Date: 01-JUL-1998  
Install Date: 01-JUL-1998  
Tank Construction:  
Tank Id: 3  
Construction Desc:Fiberglass  
Category: Primary Construction



Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**BP AMOCO #13438 (Continued)**

**U003434653**

Description: Fiberglass

Tank Id: 3

Construction DescDouble wall

Category: Secondary Containment

Description: Dbl wall; single mat; out tnk amt = in tmk mat

Tank Id: 3

Construction DescSpill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Tank Id: 3

Construction DescFlow shut-Off

Category: Overfill/Spill

Description: Flow shut off

Tank Id: 3

Construction DescLevel gauges/alarms

Category: Overfill/Spill

Description: Level gauges/hi level alarms

**Petro Monitoring:**

Monitoring Desc: Monitor dbl wall tank space

Category: Tank Monitoring

Description: Interstitial space - Double wall tank

Monitoring Desc: Electronic line leak detector

Category: Piping Monitoring

Description: Line leak detector with electronic flow shutoff

Monitoring Desc: Automatic tank gauging - USTs

Category: Tank Monitoring

Description: Auto tank gauging system

Monitoring Desc: Visual inspect pipe sumps

Category: Miscellaneous

Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners

Category: Miscellaneous

Description: Visual Inspection of Dispenser Liners

**Tank Piping:**

Piping Desc: Double wall

Category: Secondary Containment

Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Dispenser liners

Category: Miscellaneous Attributes

Description: Dispenser liners

Piping Desc: Approved synthetic material

Category: Primary Construction

Description: Approved synthetic material

25

**MARTINO TIRE CO OF NOB HILL RD  
1124 SW 101 RD  
DAVIE, FL 33324**

**BROWARD CO. HM S104521025  
N/A**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MARTINO TIRE CO OF NOB HILL RD (Continued)

S104521025

HAZMAT:

Document Id: 5531 & 7538

26

PINE ISLAND RIDGE COUNTRY CLUB  
9400 PINE RIDGE DR  
FORT LAUDERDAL, FL 33324

UST U001343513  
BROWARD CO. HM N/A  
AST

HAZMAT:

Document Id: 7992

UST:

Facility ID:	8837765	Facility Type:	Fuel User / Non-retail
Facility Phone:	(954) 472-8796	Facility Status:	OPEN
Owner Id:	17013		
Owner Name:	PINE ISLAND RIDGE COUNTRY CLUB		
Owner Address:	9400 PINE RIDGE DR FORT LAUDERDALE, FL 33324		
Owner Contact:	JOHN TROONIN	Owner Phone:	(305) 472-8796
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	2000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-SEP-1995
Install Date:	01-APR-1977		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

AST:

Facility ID:	8837765	Tank ID:	2
Facility Phone:	(954) 472-8796		
Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Unleaded Gas
Substance:			
Description:	Unleaded gas		
Gallons:	1000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Status Date:	01-AUG-1995
Install Date:	01-AUG-1995		
Owner Id:	17013	Owner Phone:	(305) 472-8796
Owner Name:	PINE ISLAND RIDGE COUNTRY CLUB		
Owner Contact:	JOHN TROONIN		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PINE ISLAND RIDGE COUNTRY CLUB (Continued)

U001343513

Owner Address: 9400 PINE RIDGE DR  
FORT LAUDERDALE, FL 33324

### Tank Construction:

Tank Id: 2  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 2  
Construction DescDouble wall - tank jacket  
Category: Secondary Containment  
Description: Dbl wall;dual mat;outr pipe of appr syn or jacket

Tank Id: 2  
Construction DescSteel  
Category: Primary Construction  
Description: Steel

### Petro Monitoring:

Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank

Monitoring Desc: Visual inspection of ASTs  
Category: Q  
Description: Q

Monitoring Desc: None  
Category: Site/General  
Description: None

### Tank Piping:

Piping Desc: Abv, no soil contact  
Category: Miscellaneous Attributes  
Description: Aboveground-no contact with soil

Facility ID: 8837765  
Facility Phone: (954) 472-8796  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 3  
Facility Status: OPEN  
Vessel Indicator: TANK  
Content Description: Vehicular Diesel

Substance:  
Description: Vehicular diesel  
Gallons: 550  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Tank Status: In service  
Install Date: Not reported  
Owner Id: 17013  
Owner Name: PINE ISLAND RIDGE COUNTRY CLUB  
Owner Contact: JOHN TROONIN  
Owner Address: 9400 PINE RIDGE DR  
FORT LAUDERDALE, FL 33324

Status Date: 01-NOV-1996  
Owner Phone: (305) 472-8796

### Tank Construction:

Tank Id: Not reported  
Construction DescNot reported  
Category: Not reported  
Description: Not reported

### Petro Monitoring:

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PINE ISLAND RIDGE COUNTRY CLUB (Continued)**

**U001343513**

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

26

**RIDGE PLAZA TIRE & AUTO CENTER INC**  
9190 HWY 84  
DAVIE, FL 33324

UST U001343407  
BROWARD CO. HM N/A

HAZMAT:

Document Id: 7538

UST:

Facility ID: 8733226 Facility Type: Retail Station  
Facility Phone: (954) 473-2922 Facility Status: CLOSED  
Owner Id: 18282  
Owner Name: RIDGE PLAZA TIRE & AUTO CENTER  
Owner Address: 9190 SR 84  
DAVIE, FL 33324  
Owner Contact: JACE ORETSKY Owner Phone: (305) 473-2922  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 1 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Waste oil  
Gallons: 1000  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01  
Tank Status: Removed Tank Status Date: 01-AUG-1998  
Install Date: 01-MAR-1984  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

26

**BUILDERS SQUARE #1505**  
8944 SR 84  
DAVIE, FL 92073

RCRIS-SQG 1000700624  
FINDS FLD982135659

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BUILDERS SQUARE #1505 (Continued)**

1000700624

RCRIS:

Owner: RANDY INGELS

(512) 731-0735

EPA ID: FLD982135659

Contact: RANDY INGELS

(512) 731-0735

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

27

**V & R SPEEDEE OIL CHG & TUNEUP**  
**1799 S UNIVERSITY DR**  
**DAVIE, FL 33324**

**BROWARD CO. HM**

**S101230592**  
**N/A**

HAZMAT:

Document Id: 7549

27

**NORTON TIRE CO INC #29**  
**1701 S UNIVERSITY DR**  
**DAVIE, FL 33324**

**UST 1000734379**  
**AST N/A**

UST:

Facility ID: 8733235

Facility Phone: (305) 593-7040

Owner Id: 24716

Owner Name: FL DEPT OF TRANSPORTATION DIST 4

Owner Address: 3400 W COMMERCIAL BLVD

ATTN: DESMOND TILLES

FORT LAUDERDALE, FL 33309

Owner Contact: DESMOND L TILLES SC 436 7600

Facility Type:

Facility Status:

Fuel User / Non-retail

CLOSED

Owner Phone:

(954) 776-4300

Tank Content Desc: Fuel user/Non-retail

Type Description: Fuel user/Non-retail

Tank Id: 2

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: New/lube oil

Gallons: 550

Category: Petroleum Pollutant

Regulation Began: 1991-04-01

Tank Status: Removed

Tank Status Date:

01-SEP-1987

Install Date: 01-FEB-1982

Tank Construction:

Tank Id: Not reported

Construction Desc: Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## NORTON TIRE CO INC #29 (Continued)

1000734379

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8733235 Facility Type: Fuel User / Non-retail  
Facility Phone: (305) 593-7040 Facility Status: CLOSED  
Owner Id: 24716  
Owner Name: FL DEPT OF TRANSPORTATION DIST 4  
Owner Address: 3400 W COMMERCIAL BLVD  
ATTN: DESMOND TILLES  
FORT LAUDERDALE, FL 33309  
Owner Contact: DESMOND L TILLES SC 436 7600 Owner Phone: (954) 776-4300  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 1 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Waste oil  
Gallons: 550  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01  
Tank Status: Removed Tank Status Date: 01-SEP-1987  
Install Date: 01-FEB-1982  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

AST:  
Facility ID: 8733235 Tank ID: 3  
Facility Phone: (305) 593-7040  
Facility Type: Fuel User / Non-retail Facility Status: CLOSED  
Tank Location: ABOVEGROUND Vessel Indicator: TANK  
Type Description: Fuel user/Non-retail Content Description: Unknown/Not Reported  
Substance:  
Description: Unknown/Not reported  
Gallons: 250  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed Status Date: 01-MAR-1998  
Install Date: Not reported  
Owner Id: 24716 Owner Phone: (954) 776-4300  
Owner Name: FL DEPT OF TRANSPORTATION DIST 4  
Owner Contact: DESMOND L TILLES SC 436 7600  
Owner Address: 3400 W COMMERCIAL BLVD  
ATTN: DESMOND TILLES  
FORT LAUDERDALE, FL 33309  
Tank Construction:

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**NORTON TIRE CO INC #29 (Continued)**

**1000734379**

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

**Petro Monitoring:**

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

**Tank Piping:**

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

Facility ID: 8733235  
Facility Phone: (305) 593-7040  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail  
Substance:  
Description: Unknown/Not reported  
Gallons: 500  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank ID: 4  
Facility Status: CLOSED  
Vessel Indicator: TANK  
Content Description: Unknown/Not Reported

Tank Status: Removed  
Install Date: Not reported  
Owner Id: 24716  
Owner Name: FL DEPT OF TRANSPORTATION DIST 4  
Owner Contact: DESMOND L TILLES SC 436 7600  
Owner Address: 3400 W COMMERCIAL BLVD  
ATTN: DESMOND TILLES  
FORT LAUDERDALE, FL 33309

Status Date: 01-MAR-1998  
Owner Phone: (954) 776-4300

**Tank Construction:**

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

**Petro Monitoring:**

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

**Tank Piping:**

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

27

**JC CLEANERS**  
**1585 S UNIVERSITY DR**  
**PLANTATION, FL 33324**

**Broward Co. EDIEAR S103589269**  
**PRIORITYCLEANERS N/A**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JC CLEANERS (Continued)

S103589269

FL BROWARD COUNTY EDIEAR:

Facility ID: 3667  
Region: BROWARD  
Facility Type: DRY CLEANER  
Facility Department: 069801029  
Program Type: DRY-CLNR  
Pollutant Type: CHLORINATED  
Lead Agency: DEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Yes  
Wellfield Site 2: Not reported

PRIORITY CLEANERS:

Facility ID : 9801029 Score : 130  
Rank : T Voluntary : Not reported  
SRCO Date : Not reported

27

**J C CLEANERS**  
**1585 S UNIVERSITY DR**  
**PLANTATION, FL 33315**

RCRIS-SQG 1000107512  
FINDS FLD982144214

RCRIS:

Owner: JORGE CUTINO, OWNER  
(305) 424-9069  
EPA ID: FLD982144214  
Contact: JORGE CUTINO  
(305) 424-9069

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

27

**FLORIDA DEP DSCP D175 #0699801029**  
**1585-DC UNIVERSITY DR**  
**PLANTATION, FL 33324**

RCRIS-SQG 1004685910  
FINDS FLR000067033



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FLORIDA DEP DSCP D175 #0699801029 (Continued)**

**1004685910**

**RCRIS:**

Owner: TRANSFLORIDA PLAZA PLAN CO BERNARD SILVR  
(850) 488-0190  
EPA ID: FLR000067033  
Contact: TRACIE VAUGHT  
(850) 488-0190

Classification: Conditionally Exempt Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**27**

**FARM STORE #1069  
1720 S UNIVERSITY DR  
PEMBROKE PINES, FL 33166**

**RCRIS-SQG 1000701561  
FINDS FLD984186122**

**RCRIS:**

Owner: AL ARGENTI  
(305) 592-3100  
EPA ID: FLD984186122  
Contact: AL ARGENTI  
(305) 592-3100

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**28**

**8810 STATE ROAD 84  
DAVIE, FL**

**SPILLS S105461526  
N/A**

**SPILLS:**

Incident Nunmber: 02-21-0071  
Date Reported: 4/4/2002  
Amount Spilled: 19.00  
NFA Date: 5/20/2002  
RP / Owner Identified: Yes  
Pollutant: Gasoline  
Substance Spilled: Gasoline  
Amount Spilled: 19.00  
Amount Spilled: 0.00

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

29 MOBIL #02 600 UST U003803874  
8810 HWY 84 N/A  
DAVIE, FL 33324

## UST:

Facility ID:	8502345	Facility Type:	Retail Station
Facility Phone:	(954) 473-1824	Facility Status:	OPEN
Owner Id:	14745		
Owner Name:	EXXONMOBIL OIL CORP		
Owner Address:	12265 W BAYAUD AVE #300		
	ATTN: VEEDER-ROOT CMS		
	LAKEWOOD, CO 80228		
Owner Contact:	ERIC MCPHEE	Owner Phone:	(303) 986-8011
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	6000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-JUL-1983		
Tank Construction:			
Tank Id:	1		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	1		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	1		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Petro Monitoring:			
Monitoring Desc:	Mechanical line leak detector		
Category:	Piping Monitoring		
Description:	Line leak detector with flow restrictor		
Monitoring Desc:	Automatic tank gauging - USTs		
Category:	Tank Monitoring		
Description:	Auto tank gauging system		
Monitoring Desc:	Visual inspect pipe sumps		
Category:	Miscellaneous		
Description:	Visual Inspections of Piping Sumps		
Monitoring Desc:	Visual inspect dispenser liners		
Category:	Miscellaneous		
Description:	Visual Inspection of Dispenser Liners		
Tank Piping:			
Piping Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02 600 (Continued)

U003803874

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8502345  
Facility Phone: (954) 473-1824  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 2

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 12000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-JUL-1983

Tank Construction:

Tank Id: 2

Construction Desc: Spill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Tank Id: 2

Construction Desc: Ball check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 2

Construction Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Petro Monitoring:

Monitoring Desc: Visual inspect pipe sumps

Category: Miscellaneous

Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners

Category: Miscellaneous

Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Automatic tank gauging - USTs

Category: Tank Monitoring

Description: Auto tank gauging system

Monitoring Desc: Mechanical line leak detector

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02 600 (Continued)

U003803874

Category: Piping Monitoring  
Description: Line leak detector with flow restrictor  
Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8502345  
Facility Phone: (954) 473-1824  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 3

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-JUL-1983

Tank Construction:

Tank Id: 3

Construction Desc: Ball check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 3

Construction Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Tank Id: 3

Construction Desc: Spill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Petro Monitoring:

Monitoring Desc: Mechanical line leak detector

Category: Piping Monitoring

Description: Line leak detector with flow restrictor

Monitoring Desc: Automatic tank gauging - USTs

Category: Tank Monitoring

Description: Auto tank gauging system

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02 600 (Continued)**

**U003803874**

Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8502345  
Facility Phone: (954) 473-1824  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 4

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 6000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-JUL-1983

Tank Construction:

Tank Id: 4

Construction Desc: Spill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Tank Id: 4

Construction Desc: Ball check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 4

Construction Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Petro Monitoring:

Monitoring Desc: Visual inspect pipe sumps

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02 600 (Continued)

U003803874

Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Automatic tank gauging - USTs  
Category: Tank Monitoring  
Description: Auto tank gauging system

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

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MOBIL #02 600  
8810 HWY 84  
DAVIE, FL 33324

LUST 1000737536  
N/A

### LUST:

Facility ID:	8502345	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	017	Township:	50S
Range:	41E	Lat/long:	26° 6' 10" / 80° 15' 58"
Facility Status:	OPEN	Facility Type:	Retail Station
Operator:	HERNDON, JAMES		
Facility Phone:	(954) 473-1824		
Related Party:	EXXONMOBIL OIL CORP		
Related Party Addr:	12265 W BAYAUD AVE #300		
	ATTN: VEEDER-ROOT CMS		
	LAKEWOOD, CO 80228		
RP Bad Address:	No		
Related Party ID:	14745	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	ERIC MCPHEE		
Related Party Phone:	(303) 986-8011		
Related Party Begin:	05/20/94	Contamination ID:	9915
Name Update:	10/25/01	Address Update:	02/24/99
Facility Cleanup Status:		Application (Explanation: Cleanup program application has been received)	
Facility Cleanup Score:	80		
Facility Cleanup Rank:	444		
Discharge ID:	11558		
Clean Up Work Status:	COMBINED		
Discharge Date:	04/03/91		
Pct Discharge Combined With:	11558		
Discharge Cleanup Status:	Eligible - No Task Level Data		
Discharge Cleanup Status Date:	03/04/01		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02 600 (Continued)

1000737536

Clean Up Required by 62-770:	Combined Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	04/05/91
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	14596
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	30
Score:	80
Cleanup Eligibility Id:	12328
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	State
Application Recvd Date:	04/04/91
Letter of Intent Date:	Not reported
Eligibility Status:	04/17/91
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	04/17/91
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	27266
SR Cleanup Responsible:	Responsible Party
SR Oral Date:	Not reported
SR Written Date:	04/08/91
Free Product Removal:	Yes
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02 600 (Continued)

1000737536

Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	11559
Clean Up Work Status:	ACTIVE
Discharge Date:	02/03/87
Pct Discharge Combined With:	11559
Discharge Cleanup Status:	RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)
Discharge Cleanup Status Date:	07/14/01
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	EDI
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	11/12/87
Contaminated Media ID:	8658
Contaminated Drinking Wells:	0
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14597
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	80
Cleanup Eligibility Id:	12329
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	Reimbursement
Application Recvd Date:	07/01/87
Letter of Intent Date:	04/20/87
Eligibility Status:	11/30/89
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	11/30/89
RAP Task ID:	27269
RAP Cleanup Responsible:	Responsible Party
RAP Order Completion Date:	09/30/87
RAP Actual Completion Date:	09/30/87
RAP Payment Date:	03/23/90
RAP Actual Cost:	Not reported
RA Task ID:	27270
RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	20
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02 600 (Continued)**

**1000737536**

SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 27268  
SA Cleanup Responsible: Responsible Party  
SA Actual Completion Date: 09/30/87  
SA Payment Date: 03/23/90  
SA Actual Cost: Not reported  
SR Task ID: 27267  
SR Cleanup Responsible: Responsible Party  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: 03/08/90  
SR Payment Date: 03/08/90  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 80  
Score Effective : 11/04/97  
Rank : 444  
Cleanup Status : APPL  
Facility Status : OPEN  
Type : A  
Facility Phone : (954) 473-1824  
Operator : HERNDON, JAMES  
Name Update : 10/25/01  
Address Update : 02/24/99  
Primary Responsible Party Id : 14745  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/20/94  
Responsible Party Name : EXXONMOBIL OIL CORP  
Responsible Party Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228  
  
Responsible Party Phone : (303) 986-8011  
Contact : ERIC MCPHEE  
Responsible Party Bad Address : No

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**WARRICKLEEN  
8820 SR 84  
DAVIE, FL 33162**

**RCRIS-SQG 1000699582  
FINDS FLD981030992  
Broward Co. EDIEAR  
DRY CLEANERS  
PRIORITYCLEANERS**

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## WARRICKLEEN (Continued)

1000699582

### RCRIS:

Owner: SANFORD WARECH

(305) 473-0494

EPA ID: FLD981030992

Contact: SANFORD WARECH

(305) 473-0494

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

### FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

### FL BROWARD COUNTY EDIEAR:

Facility ID: 3575

Region: BROWARD

Facility Type: DRY CLEANER

Facility Department: 069500130

Program Type: DRY-CLNR

Pollutant Type: CHLORINATED

Lead Agency: DEP

Site Studies: Not reported

Remedy Selected: No

Remedy Design: No

Cleanup Ongoing: No

Project Completed: No

Environmental Assessment Remediation License: Not reported

Wellfield Site: Yes

Wellfield Site 2: Not reported

### DRYCLN:

Facility Status: OPEN

Facility ID: 9500130

Facility Type: Drycleaner

Owner ID: 38342

Address: 8820 W SR 84

DAVIE, FL 3332

Owner Role: ACCOUNT OWNER

Start Date: 02/01/85

Facility Tel: (305) 473-0494

Contact: WARECH, KEITH

RP Phone: (305) 473-0494

Facility Status: OPEN

Facility ID: 9500130

Facility Type: Drycleaner

Owner ID: 38342

Address: 8820 W SR 84

DAVIE, FL 3332

Owner Role: FACILITY OWNER

Start Date: 02/01/85

Facility Tel: (305) 473-0494

Contact: WARECH, KEITH

RP Phone: (305) 473-0494

Facility Status: OPEN

Facility ID: 9500130

Facility Type: Drycleaner

Owner ID: 40055

Address: 3200 N FEDERAL HWY

FT LAUDERDALE, FL 3332

Start Date: 04/25/95

Facility Tel: (305) 473-0494

Contact: ALAN ADELKUPF

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**WARRICKLEEN (Continued)**

**1000699582**

Owner Role: PROPERTY OWNER RP Phone: (305) 537-2735

**PRIORITY CLEANERS:**

Facility ID : 9500130 Score : 90  
Rank : 232 Voluntary : Not reported  
SRCO Date : Not reported

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**MOBIL STATION #02-600  
8810 SR 84  
DAVIE, FL 33324**

**UST U003729875  
N/A**

**FL UST Broward County:**

Location ID: 587492  
Install Date: 12\31\83  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: 068502345

Location ID: 587492  
Install Date: 12\31\83  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 068502345

Location ID: 587492  
Install Date: 12\31\83  
Tank Size: 6000.0000  
Tank Type: UG  
State ID: 068502345

Location ID: 587492  
Install Date: 12\31\83  
Tank Size: 6000.0000  
Tank Type: UG  
State ID: 068502345

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**MOBIL OIL CORP SS# 600  
8810 SR 84  
DAVIE, FL 22037**

**RCRIS-SQG 1000702590  
FINDS FLD984204198**

**RCRIS:**

Owner: DAN HORTON  
(703) 849-3330  
EPA ID: FLD984204198  
Contact: DAN HORTON  
(703) 849-3330

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL OIL CORP SS# 600 (Continued)**

**1000702590**

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

**31**

**7-ELEVEN STORE #23309  
8630 SR 84  
DAVIE, FL 33325**

**UST U003298922**

**N/A**

**FL UST Broward County:**

Location ID: 587614  
Install Date: 5\31\82  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: 068501410

Location ID: 587614  
Install Date: 5\31\82  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: 068501410

Location ID: 587614  
Install Date: 5\31\82  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: 068501410

**32**

**CARMAX #7108  
7420 SR 84  
DAVIE, FL 33314**

**UST U003339944**

**BROWARD CO. HM N/A**

**HAZMAT:**

Document Id: 5521

**UST:**

Facility ID: 9701160  
Facility Phone: (954) 476-4313  
Owner Id: 46557  
Owner Name: CARMAX AUTO SUPERSTORES INC  
Owner Address: 4900 COX AVE  
ATTN: DAN BICKETT  
GLEN ALLEN, VA 23060

Facility Type:  
Facility Status: Fuel User / Non-retail  
OPEN

Owner Contact: DAN BICKETT

Owner Phone: (804) 747-0422

Tank Content Desc: Fuel user/Non-retail

Type Description: Fuel user/Non-retail

Tank Id: 1

Vessel Indicator: TANK

Tank Location: UNDERGROUND

**Substance:**

Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: 01-SEP-1997

Install Date: 01-SEP-1997

Tank Construction:

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CARMAX #7108 (Continued)

U003339944

Tank Id: 1  
Construction DescFiberglass  
Category: Primary Construction  
Description: Fiberglass

Tank Id: 1  
Construction DescBall check valve  
Category: Overfill/Spill  
Description: Ball Check Valve

Tank Id: 1  
Construction DescDouble wall  
Category: Secondary Containment  
Description: Dbl wall; single mat; out tnk amt = in tmk mat

Tank Id: 1  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Tank Piping:  
Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Approved synthetic material  
Category: Primary Construction  
Description: Approved synthetic material

FL UST Broward County:  
Location ID: 589377  
Install Date: 8\1\97  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: 069701160

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**BROWARD INDUSTRIAL PLATING 08/21/85**  
**1881 SW 36 AVE.**  
**FT. LAUDERDALE, FL**

FI Sites S100889111  
N/A

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD INDUSTRIAL PLATING 08/21/85 (Continued)

S100889111

### FL Sites:

Facility ID:	000207	EPA ID:	FLD055376990
Facility District:	SOUTHEAST	Monthly Update:	October
Lead Unit:	DIST	Support Unit	Not reported
Status:	INACTIVE	Status Date	08/21/85
Air Contam	Not reported	Soil Contam:	Not reported
Surface Water Contam:	Not reported	Ground Water Contam:	Confirmed
Cleanup Started ?:	Yes	Cleanup Completed ?:	No
Deletion Recommended ?:	Yes	Other:	Not reported
Warning Letter Status:	Not reported	Notice of Violation Status:	No
Consent Order Status:	Yes	Admin Hearing Status:	No
Court Status:	No	Final Order Status:	No
Comments:	CLEANED-UP 1983 RESPONSIBLE PARTY. FINAL MONITORING RECEIVED BY DISTRICT. CLOSING ORDER ISSUED 2-7-84. DISTRICT CONDUCTED ADDITIONAL GROUNDWATER SAMPLING 10-84. ANALYSIS COMPLETED 2-85 INDICATES CADMIUM CONTAMINATION LIMITED TO FORMER DISPOSAL POND SITEAND IS NOT MIGRATING OFF-SITE. DELETION RECOMMENDED BY DISTRICT 3-85.		

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**ISLAND HOMES, LTD.**  
**2000 SW 60 AVE**  
**PLANTATION, FL 33317**

**BROWARD CO. NOV S103298984**  
**N/A**

### Broward County Notice of Violation:

Code Violated:	27-177(C)
Notice of Violation:	04/23/97
Facility Status:	Complete
Date Closed:	12/18/97

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**FLORIDA DEP DSCP D107 #069500353**  
**1875 S UNIVERSITY DR**  
**DAIVE, FL 33324**

**RCRIS-SQG 1004685207**  
**FINDS FLR000049049**

### RCRIS:

Owner:	MR EDMUND KEY (999) 999-9999
EPA ID:	FLR000049049
Contact:	GEORGE HEULER (850) 488-0190

Classification: Conditionally Exempt Small Quantity Generator  
Used Oil Recyc: No  
TSD Activities: Not reported  
Violation Status: No violations found

### FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

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**LORAL CLEANERS**  
**1875 SOUTH UNIVERSITY DRIVE**  
**DAVIE, FL 33324**

**RCRIS-SQG 1000147496**  
**FINDS FLD981014673**  
**Broward Co. EDIEAR**  
**DRY CLEANERS**  
**PRIORITYCLEANERS**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**LORAL CLEANERS (Continued)**

**1000147496**

**RCRIS:**

Owner: EDMUND KERY, PRESIDENT  
(305) 475-1699  
EPA ID: FLD981014673  
Contact: EDMUND KERY  
(305) 475-1699

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
AIRS Facility System (AIRS/AFS)  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**FL BROWARD COUNTY EDIEAR:**

Facility ID: 3568  
Region: BROWARD  
Facility Type: DRY CLEANER  
Facility Department: 069500353  
Program Type: DRY-CLNR  
Pollutant Type: CHLORINATED  
Lead Agency: DEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Yes  
Wellfield Site 2: Not reported

**DRYCLN:**

Facility Status:	CLOSED	Start Date:	10/24/83
Facility ID:	9500353	Facility Tel:	(305) 475-1699
Facility Type:	Drycleaner	Contact:	KERY, EDMUND
Owner ID:	38565		
Address:	1875 S UNIVERSITY DR DAVIE, FL 3332		
Owner Role:	ACCOUNT OWNER	RP Phone:	(305) 475-1699
Facility Status:	CLOSED	Start Date:	10/24/83
Facility ID:	9500353	Facility Tel:	(305) 475-1699
Facility Type:	Drycleaner	Contact:	KERY, EDMUND
Owner ID:	38565		
Address:	1875 S UNIVERSITY DR DAVIE, FL 3332		
Owner Role:	FACILITY OWNER	RP Phone:	(305) 475-1699
Facility Status:	CLOSED	Start Date:	06/29/95
Facility ID:	9500353	Facility Tel:	(305) 475-1699
Facility Type:	Drycleaner	Contact:	SCOTT
Owner ID:	40532		
Address:	12000 BISCAYNE BLVD		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## LORAL CLEANERS (Continued)

1000147496

Owner Role: NORTH MIAMI, FL 3332  
PROPERTY OWNER RP Phone: (305) 891-6806

### PRIORITY CLEANERS:

Facility ID : 9500353 Score : 135  
Rank : T Voluntary : Not reported  
SRCO Date : Not reported

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**DRY CLEAN USA**  
**2319 SOUTH UNIVERSITY DRIVE**  
**DAVIE, FL 33314**

**RCRIS-SQG 1000174322**  
**FINDS FLD981029440**

### RCRIS:

Owner: SHARON SCHUMACKER  
(305) 473-0471  
EPA ID: FLD981029440  
Contact: SHARON SCHUMACKER  
(305) 473-0471

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSD Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 09/24/1987  
Actual Date Achieved Compliance: 10/31/1987  
Enforcement Action: DEP WARNING LETTER  
Enforcement Action Date: 09/24/1987  
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Non-Financial Record Review	GENERATOR-OTHER REQUIREMENTS	19871031

Date of  
Compliance  
19871031

### FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

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**CHEVRON PRODUCTS CO #53512**  
**2340 S UNIVERSITY DR**  
**DAVIE, FL 94583**

**RCRIS-SQG 1000702842**  
**FINDS FLD984210013**



MAP FINDINGS

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

**CHEVRON PRODUCTS CO #53512 (Continued)**

**1000702842**

RCRIS:

Owner: KATHY NORRIS, COMP M A  
(510) 842-5931  
EPA ID: FLD984210013  
Contact: JUDY MCCOURT  
(404) 984-4135

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

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**PEP BOYS MANNY MOE & JACK  
2380 S UNIVERSITY  
DAVIE, FL 19132**

**RCRIS-SQG 1000821981  
FINDS FLD984250035**

RCRIS:

Owner: CAROL CHASIN, ENV COMPLIANCE  
(215) 227-9277  
EPA ID: FLD984250035  
Contact: CAROL CHASIN  
(215) 227-9277

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
AIRS Facility System (AIRS/AFS)  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

35

**MOBIL OIL CORP SS# CVF  
2399 S UNIVERSITY  
DAVIE, FL 22037**

**RCRIS-SQG 1000702593  
FINDS FLD984204222**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL OIL CORP SS# CVF (Continued)**

**1000702593**

**RCRIS:**

Owner: DAN HORTON  
(703) 849-3330  
EPA ID: FLD984204222  
Contact: DAN HORTON  
(703) 849-3330  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

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**MCGINNIS SKI SCHOOL  
2421 SW 46 AV  
FORT LAUDERDALE, FL 33317**

**Broward Co. EDIEAR S101225679  
N/A**

**FL BROWARD COUNTY EDIEAR:**

Facility ID: 1681  
Region: BROWARD  
Facility Type: EMERGENGY GENER  
Facility Department: 068837949  
Program Type: FDEP  
Pollutant Type: GASOLINE  
Lead Agency: BCDPEP  
Site Studies: X  
Remedy Selected: No  
Remedy Design: Yes  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

36

**MCGINNIS SKI SCHOOL  
2421 SW 46TH AVE  
FORT LAUDERDAL, FL 33317**

**LUST U001343543  
UST N/A  
AST**

**LUST:**

Facility ID:	8837949	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 3' 40" / 80° 12' 30"
Facility Status:	CLOSED	Facility Type:	Fuel User / Non-retail
Operator:	MCGINNIS SKI SCHOOL		
Facility Phone:	(305) 763-4224		
Related Party:	MCGINNIS SKI SCHOOL		
Related Party Addr:	2421 SW 46TH AVE FORT LAUDERDALE, FL 33317 - 6502		
RP Bad Address:	No		
Related Party ID:	14007	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	JOHN MCGINNIS		
Related Party Phone:	(305) 763-4224		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MCGINNIS SKI SCHOOL (Continued)

U001343543

Related Party Begin: 01/22/88 Contamination ID: 9221  
Name Update: Not reported Address Update: Not reported  
Facility Cleanup Status: Ongoing (Explanation: At least one cleanup activity is in progress at a related discharge)  
Facility Cleanup Score: 40  
Facility Cleanup Rank: 4504  
Discharge ID: 10686  
Clean Up Work Status: ACTIVE  
Discharge Date: 02/20/92  
Pct Discharge Combined With: 10686  
Discharge Cleanup Status: RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)  
Discharge Cleanup Status Date: 07/03/02  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: Abandoned Tank Restoration  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 09/04/98  
Inspection Date: 02/20/92  
Contaminated Media ID: 8117  
Contaminated Drinking Wells: 0  
Contaminated Soil: Yes  
Contaminated Surface Water: No  
Contaminated Ground Water: Yes  
Contaminated Monitoring Well: No  
Pollutant ID: 13656  
Pollutant Substance: Unleaded gas  
Substance Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: 40  
Cleanup Eligibility Id: 11437  
Cleanup Program: Abandoned Tank Restoration Program  
Cleanup Lead : State  
Application Recvd Date: 03/30/92  
Letter of Intent Date: Not reported  
Eligibility Status: 10/09/92  
Eligibility Status Date: E  
Redetermined: No  
Eligibility Letter Sent: 10/09/92  
RAP Task ID: 25056  
RAP Cleanup Responsible: Local Program  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 25057  
RA Cleanup Responsible: Local Program  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**MCGINNIS SKI SCHOOL (Continued)**

**U001343543**

SA ID: 25055  
SA Cleanup Responsible: Local Program  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 40  
Score Effective : 09/04/98  
Rank : 4504  
Cleanup Status : ONGO  
Facility Status : CLOSED  
Type : C  
Facility Phone : (305) 763-4224  
Operator : MCGINNIS SKI SCHOOL  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 14007  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 01/22/88  
Responsible Party Name : MCGINNIS SKI SCHOOL  
Responsible Party Address: 2421 SW 46TH AVE  
FORT LAUDERDALE, FL 33317 - 6502  
Responsible Party Phone : (305) 763-4224  
Contact : JOHN MCGINNIS  
Responsible Party Bad Address : No

**UST:**

Facility ID:	8837949	Facility Type:	Fuel User / Non-retail
Facility Phone:	(305) 763-4224	Facility Status:	CLOSED
Owner Id:	14007		
Owner Name:	MCGINNIS SKI SCHOOL		
Owner Address:	2421 SW 46TH AVE FORT LAUDERDALE, FL 33317		
Owner Contact:	JOHN MCGINNIS	Owner Phone:	(305) 763-4224
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	500		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MCGINNIS SKI SCHOOL (Continued)

U001343543

Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: 01-JAN-1981  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Status Date: 28-FEB-1992

Facility ID: 8837949  
Facility Phone: (305) 763-4224  
Owner Id: 14007  
Owner Name: MCGINNIS SKI SCHOOL  
Owner Address: 2421 SW 46TH AVE  
FORT LAUDERDALE, FL 33317

Facility Type: Fuel User / Non-retail  
Facility Status: CLOSED

Owner Contact: JOHN MCGINNIS  
Tank Content Desc:Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 2  
Tank Location: UNDERGROUND

Owner Phone: (305) 763-4224

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 500  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Tank Status: Removed  
Install Date: 01-JAN-1981

Tank Status Date: 28-FEB-1992

Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8837949  
Facility Phone: (305) 763-4224  
Owner Id: 14007  
Owner Name: MCGINNIS SKI SCHOOL  
Owner Address: 2421 SW 46TH AVE  
FORT LAUDERDALE, FL 33317  
Owner Contact: JOHN MCGINNIS

Facility Type: Fuel User / Non-retail  
Facility Status: CLOSED

Owner Phone: (305) 763-4224

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MCGINNIS SKI SCHOOL (Continued)

U001343543

Tank Content Desc:Fuel user/Non-retail

Type Description: Fuel user/Non-retail

Tank Id: 3

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 500

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Tank Status Date:

28-FEB-1992

Install Date: 01-JAN-1981

Tank Construction:

Tank Id: Not reported

Construction DescNot reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

## AST:

Facility ID: 8837949

Tank ID:

4

Facility Phone: (305) 763-4224

Facility Type: Fuel User / Non-retail

Facility Status:

CLOSED

Tank Location: ABOVEGROUND

Vessel Indicator:

TANK

Type Description: Fuel user/Non-retail

Content Description:

Unknown/Not Reported

Substance:

Description: Unknown/Not reported

Gallons: 1000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Status Date:

28-FEB-1992

Install Date: 01-JAN-1984

Owner Id: 14007

Owner Phone:

(305) 763-4224

Owner Name: MCGINNIS SKI SCHOOL

Owner Contact: JOHN MCGINNIS

Owner Address: 2421 SW 46TH AVE

FORT LAUDERDALE, FL 33317

Tank Construction:

Tank Id: Not reported

Construction DescNot reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

36 BROWARD COUNTY--21ST MANOR DUMP  
2300 SW 46TH AVENUE  
FORT LAUDERDALE, FL 33317

CERCLIS 1000191824  
FINDS FLD981930506

## CERCLIS Classification Data:

Site Incident Category:	Non-Oil Spill	Federal Facility:	Not a Federal Facility
Non NPL Status:	Not reported		
Ownership Status:	County Owned	NPL Status:	Removed from Proposed NPL
Contact:	JIM MCGUIRE	Contact Tel:	(404) 562-8911
Contact Title:	Not reported		
Contact:	Carol Monell	Contact Tel:	(404) 562-8719
Contact Title:	Not reported		
Contact:	ART SMITH	Contact Tel:	(404) 347-3931
Contact Title:	Not reported		
Site Description:	PROPOSED TO THE NPL 7/29/1991. REMOVED FROM PROPOSED NPL 12/23/1996. PROPOSED TO THE NPL 7/29/91.		

## CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	08/13/1987
Assessment:	SITE INSPECTION	Completed:	09/29/1988
Assessment:	PRELIMINARY ASSESSMENT	Completed:	03/31/1989
Assessment:	PROPOSAL TO NPL	Completed:	07/29/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	09/30/1991
Assessment:	RI/FS NEGOTIATIONS	Completed:	03/02/1993
Assessment:	REMOVED FROM THE PROPOSED NPL	Completed:	12/23/1996

## CERCLIS Site Status:

Not reported

## CERCLIS Alias Name(s):

MEADOWBROOK ELEMENTARY SCHOOL DUMP  
BROWARD COUNTY--21ST MANOR DUMP  
BROWARD COUNTY--21ST MANOR DUMP

## FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)  
Facility Registry System (FRS)

36 BROWARD CNTY SCHOOL BD-MEADOW BROOK ES  
2300 SW 46TH AVE  
FORT LAUDERDAL, FL 33317

LUST U001546422  
UST N/A

## LUST:

Facility ID:	9047362	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	013	Township:	50S
Range:	41E	Lat/long:	26° 5' 47" / 80° 12' 41"
Facility Status:	OPEN	Facility Type:	County Government
Operator:	BROWARD CNTY SCHOOL BD		
Facility Phone:	(954) 765-6390		
Related Party:	BROWARD CNTY SCHOOL BD		
Related Party Addr:	3895 NW 10TH AVE OAKLAND PARK, FL 33309 - 4110		
RP Bad Address:	No		
Related Party ID:	2784	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	ARLIN VANCE		
Related Party Phone:	(954) 928-0252		
Related Party Begin:	05/20/94	Contamination ID:	9407
Name Update:	Not reported	Address Update:	Not reported
Facility Cleanup Status:	Application (Explanation: Cleanup program application has been received)		
Facility Cleanup Score:	74		
Facility Cleanup Rank:	1148		
Discharge ID:	10912		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY SCHOOL BD-MEADOW BROOK ES (Continued)**

**U001546422**

Clean Up Work Status: INACTIVE  
Discharge Date: 03/12/87  
Pct Discharge Combined With: 10912  
Discharge Cleanup Status: Withdrawn form Cleanup Program  
Discharge Cleanup Status Date: 10/09/00  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: EDI  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 02/27/02  
Inspection Date: Not reported  
Contaminated Media ID: Not reported  
Contaminated Drinking Wells: Not reported  
Contaminated Soil: Not reported  
Contaminated Surface Water: Not reported  
Contaminated Ground Water: Not reported  
Contaminated Monitoring Well: Not reported  
Pollutant ID: Not reported  
Pollutant Substance: Not reported  
Substance Category: Not reported  
Regulation Began: Not reported  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: 74  
Cleanup Eligibility Id: 11665  
Cleanup Program: Early Detection Initiative  
Cleanup Lead : State  
Application Recvd Date: 03/12/87  
Letter of Intent Date: Not reported  
Eligibility Status: 04/18/89  
Eligibility Status Date: W  
Redetermined: No  
Eligibility Letter Sent: 04/18/89  
  
RAP Task ID: 25465  
RAP Cleanup Responsible: State  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 25466  
RA Cleanup Responsible: State  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 25464  
SA Cleanup Responsible: State  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: 25463  
SR Cleanup Responsible: State  
SR Oral Date: Not reported



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD CNTY SCHOOL BD-MEADOW BROOK ES (Continued)

U001546422

SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 74  
Score Effective : 02/27/02  
Rank : 1148  
Cleanup Status : APPL  
Facility Status : OPEN  
Type : I  
Facility Phone : (954) 765-6390  
Operator : BROWARD CNTY SCHOOL BD  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 2784  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/20/94  
Responsible Party Name : BROWARD CNTY SCHOOL BD  
Responsible Party Address: 3895 NW 10TH AVE  
OAKLAND PARK, FL 33309 - 4110  
Responsible Party Phone : (954) 928-0252  
Contact : ARLIN VANCE  
Responsible Party Bad Address : No

### UST:

Facility ID:	9047362	Facility Type:	County Government
Facility Phone:	(954) 765-6390	Facility Status:	OPEN
Owner Id:	2784		
Owner Name:	BROWARD CNTY SCHOOL BD		
Owner Address:	3895 NW 10TH AVE OAKLAND PARK, FL 33309		
Owner Contact:	ARLIN VANCE	Owner Phone:	(954) 928-0252
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Fuel oil-on site heat		
Gallons:	1500		
Category:	Exempt Substances		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-JUL-1958		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY SCHOOL BD-MEADOW BROOK ES (Continued)**

**U001546422**

Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

**37 MOLL INDUSTRIES INC  
2200 SW 71 TER  
DAVIE, FL 33317**

**BROWARD CO. HM S104520713  
N/A**

HAZMAT:  
Document Id: 3089

**37 GLOBAL PRECISION INC  
2100 SW 71 TERRACE  
DAVIE, FL 33317**

**RCRIS-SQG 1000161566  
FINDS FLD984167361**

RCRIS:  
Owner: MONTY COCHRAN, PL MGR  
(305) 472-5122  
EPA ID: FLD984167361  
Contact: MONTY COCHRAN  
(305) 472-5122  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**37 TEND SKIN INTERNATIONAL INC  
2090 SW 71ST TERRACE  
DAVIE, FL 33317**

**RCRIS-SQG 1005441656  
FINDS FLR000070128**

RCRIS:  
Owner: STEVEN ROSEN  
(954) 382-0800  
EPA ID: FLR000070128  
Contact: STEVEN ROSEN  
(954) 382-0800  
Classification: Conditionally Exempt Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

MAP FINDINGS

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

**TEND SKIN INTERNATIONAL INC (Continued)**

1005441656

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

37 **H & P GERMAN AUTOMOTIVE**  
2060 SW 71 TER  
DAVIE, FL 33317

**BROWARD CO. HM** S103297422

N/A

**HAZMAT:**

Document Id: 7538

37 **POWER TRAIN REBUILDERS INC**  
2030 SW 71 TER  
DAVIE, FL 33317

**BROWARD CO. HM** S105212799

N/A

**HAZMAT:**

Document Id: 7699

37 **POWERTRAIN REBUILDERS INC**  
2030 SW 71ST TERRACE  
DAVIE, FL 33317

**RCRIS-SQG**  
**FINDS**

1004683845  
FLD984250043

**RCRIS:**

Owner: RICHARD BONGIORRO, MGR  
(305) 479-1338

EPA ID: FLD984250043

Contact: RICHARD BONGIORRO  
(305) 479-1338

Classification: Conditionally Exempt Small Quantity Generator

Used Oil Recyc: No

TSDf Activities: Not reported

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

37 **2030 SOUTHWEST 71 TER.**  
DAVIE, FL

**SPILLS** S105183233  
N/A

**SPILLS:**

Incident Nunmber: 98-02-0233Z

Date Reported: 6/22/1998

Amount Spilled: 0.00

NFA Date: 6/22/1998

RP / Owner Identified: Yes

Pollutant: Not reported

Substance Spilled: Not reported

Amount Spilled: Not reported

Amount Spilled: Not reported

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)Site	Database(s)	EDR ID Number	EPA ID Number
37			<b>EXCLUSIVE FOREIGN AUTOMOTIVE I</b> <b>2000 SW 71 TER</b> <b>DAVIE, FL 33317</b>  HAZMAT: Document Id: 7538	BROWARD CO. HM	S103297297	N/A
38			<b>CORVETTE CITY INC</b> <b>6600 STATE ROAD 84</b> <b>FORT LAUDERDALE, FL 33317</b>  RCRIS: Owner: PUGLIESE F , OWNER (305) 474-4911 EPA ID: FLD118597194 Contact: PUGLIESE F (305) 474-4911  Classification: Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported Violation Status: No violations found  FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)	RCRIS-SQG FINDS	1000432050	FLD118597194
39			<b>KILOWATT ELECTRIC COMPANY</b> <b>6851 SW 21 CT</b> <b>DAVIE, FL 33317</b>  HAZMAT: Document Id: 173101	BROWARD CO. HM	S105212801	N/A
39			<b>OLEN WALDREP &amp; SONS ROOFING INC</b> <b>7000 SW 21ST PL</b> <b>DAVIE, FL 33317</b>  LUST: Facility ID: 8944013 Facility District: SE Section: Not reported Range: Not reported Facility Status: CLOSED Operator: OLEN WALDREP & SONS ROOFING INC Facility Phone: (954) 474-3335 Related Party: OLEN WALDREP & SONS ROOFING INC Related Party Addr: 7000 SW 21ST PL DAVIE, FL 33317 - 7133  RP Bad Address: No Related Party ID: 15820 Related Prty Contact: OLEN WALDREP Related Party Phone: (305) 474-3335 Related Party Begin: 05/02/89 Name Update: Not reported Facility Cleanup Status: Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default) Facility Cleanup Score: 30 Facility Cleanup Rank: 5143	LUST UST	U001343824	N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**OLEN WALDREP & SONS ROOFING INC (Continued)**

**U001343824**

Discharge ID:	53462
Clean Up Work Status:	INACTIVE
Discharge Date:	03/17/99
Pct Discharge Combined With:	53462
Discharge Cleanup Status:	Discharge Notification Received
Discharge Cleanup Status Date:	02/20/02
Clean Up Required by 62-770:	Not reported
Information Source:	Closure Report
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	10/16/02
Inspection Date:	03/21/01
Contaminated Media ID:	22437
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	No
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	36267
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	30
Cleanup Eligibility Id:	Not reported
Cleanup Program:	Not reported
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## OLEN WALDREP & SONS ROOFING INC (Continued)

U001343824

SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 30  
Score Effective : 10/16/02  
Rank : 5143  
Cleanup Status : REPT  
Facility Status : CLOSED  
Type : C  
Facility Phone : (954) 474-3335  
Operator : OLEN WALDREP & SONS ROOFING INC  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 15820  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/02/89  
Responsible Party Name : OLEN WALDREP & SONS ROOFING INC  
Responsible Party Address: 7000 SW 21ST PL  
DAVIE, FL 33317 - 7133  
Responsible Party Phone : (305) 474-3335  
Contact : OLEN WALDREP  
Responsible Party Bad Address : No

### UST:

Facility ID:	8944013	Facility Type:	Fuel User / Non-retail
Facility Phone:	(954) 474-3335	Facility Status:	CLOSED
Owner Id:	15820		
Owner Name:	OLEN WALDREP & SONS ROOFING INC		
Owner Address:	7000 SW 21ST PL DAVIE, FL 33317		
Owner Contact:	OLEN WALDREP	Owner Phone:	(305) 474-3335
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Leaded gas		
Gallons:	4000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-MAR-1999
Install Date:	01-JUN-1981		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**OLEN WALDREP & SONS ROOFING INC (Continued)**

**U001343824**

Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8944013  
Facility Phone: (954) 474-3335  
Owner Id: 15820  
Owner Name: OLEN WALDREP & SONS ROOFING INC  
Owner Address: 7000 SW 21ST PL  
DAVIE, FL 33317

Facility Type:  
Facility Status: Fuel User / Non-retail  
CLOSED

Owner Contact: OLEN WALDREP  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 2  
Tank Location: UNDERGROUND

Owner Phone: (305) 474-3335

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Removed  
Install Date: 01-JUN-1981

Tank Status Date: 01-MAR-1999

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

39

**OLEN WALDREP & SONS ROOFING**  
**7000 SW21 PL**  
**DAVIE, FL 33317**

**UST U003729961**  
**Broward Co. EDIEAR N/A**  
**BROWARD CO. HM**

HAZMAT:  
Document Id: 1761

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**OLEN WALDREP & SONS ROOFING (Continued)**

**U003729961**

**FL BROWARD COUNTY EDIEAR:**

Facility ID: 2577  
Region: BROWARD  
Facility Type: ROOFING  
Facility Department: 068944013  
Program Type: NF  
Pollutant Type: GASOLINE  
Lead Agency: BCDPEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

**FL UST Broward County:**

Location ID: 584244  
Install Date: 1\6\81  
Tank Size: 4000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 584244  
Install Date: 1\6\81  
Tank Size: 4000.0000  
Tank Type: UG  
State ID: Not reported

39

**CREATIVE COLORS & CONCEPTS  
7001 SW 21ST PL BAY 4-E  
DAVIE, FL 33314**

**RCRIS-SQG 1000499967  
FINDS FLD984200543  
BROWARD CO. HM**

**RCRIS:**

Owner: DAVID BAVER, OWNER  
(305) 473-8028  
EPA ID: FLD984200543  
Contact: DAVID BAVER  
(305) 473-8028

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**HAZMAT:**

Document Id: 7532



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

39

**7001 SOUTHWEST 21ST PLACE  
DAVIE, FL**

**SPILLS S105181770  
N/A**

SPILLS:

Incident Number: 97-02-0025  
Date Reported: 1/20/1997  
Amount Spilled: 0.00  
NFA Date: 6/27/1997  
RP / Owner Identified: No  
Pollutant: Waste Oil (1 drum)  
Substance Spilled: Waste Oil (1 drum)  
Amount Spilled: 55.00  
Amount Spilled: 0.00

39

**ARCHETYPE INC  
2081 SW 70 AVE  
DAVIE, FL 33317**

**BROWARD CO. HM S104521031  
N/A**

HAZMAT:

Document Id: 3272

39

**FASHION PLATING& MANUFACTURING  
2071 SW 70 AVE  
DAVIE, FL 33317**

**BROWARD CO. HM S104521059  
N/A**

HAZMAT:

Document Id: 3911

39

**KENS AUTOMOTIVE REPAIR CENTER INC  
2071 SW 70TH AVE  
DAVIE, FL 33317**

**RCRIS-SQG 1000137599  
FINDS FLD982085748**

RCRIS:

Owner: DIEDRICK KEN OWNER  
(305) 472-9660  
EPA ID: FLD982085748  
Contact: DIEDRICK KEN  
(305) 472-9660

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSD Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

39

**UNLIMITED IMPORTS  
2061 SW 70 AVE  
DAVIE, FL 33317**

**BROWARD CO. HM S103296871  
N/A**

HAZMAT:

Document Id: 7538

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)Site	Database(s)	EDR ID Number	EPA ID Number
39			<b>AMERICAN CHEMICAL CORPORATION</b> <b>2061 SW 70 AVE</b> <b>DAVIE, FL 33317</b>  HAZMAT: Document Id: 2899	BROWARD CO. HM	S104520720 N/A	
39			<b>DENNIS QUALITY AUTO BODY INC</b> <b>2061 SW 70 AVE</b> <b>DAVIE, FL 33317</b>  HAZMAT: Document Id: 7532	BROWARD CO. HM	S101228604 N/A	
39			<b>AUTO PAINT OF DAVIE LLC</b> <b>2051 SW 70 AVE</b> <b>DAVIE, FL 33317</b>  HAZMAT: Document Id: 7532	BROWARD CO. HM	S105213065 N/A	
39			<b>POLO PRINT INC</b> <b>2031 SW 70 AVE</b> <b>DAVIE, FL 33317</b>  HAZMAT: Document Id: 2752	BROWARD CO. HM	S104520857 N/A	
39			<b>ACCURATE MACHINE INC</b> <b>2021 SW 70TH AVE</b> <b>DAVIE, FL 33317</b>  RCRIS: Owner: TODD SCHOONOVER, PRES (305) 476-8270 EPA ID: FLD984181446 Contact: TODD SCHOONOVER (305) 476-8270  Classification: Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported Violation Status: No violations found  FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)	RCRIS-SQG FINDS	1000460631 FLD984181446	
39			<b>COOPER AQUATIC SERVICES INC</b> <b>2021 SW 70 AVE</b> <b>DAVIE, FL 33317</b>  HAZMAT: Document Id: 0721	BROWARD CO. HM	S104521033 N/A	

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		Database(s)	EDR ID Number EPA ID Number
39	<b>CARTEK-TUNING INC</b> 2021 SW 70 AVE DAVIE, FL 33317  HAZMAT: Document Id: 7538	BROWARD CO. HM	S104521032 N/A
39	<b>ACCURATE AUTOM MACHINE SHOP IN</b> 2021 SW 70 AVE DAVIE, FL 33317  HAZMAT: Document Id: 3599 & 7538	BROWARD CO. HM	S104520827 N/A
39	<b>ULTIMATE EURO REPAIR INC</b> 2011 SW 70TH AVE DAVIE, FL 33317  RCRIS: Owner: RAUL BENGOLEA, PRES (305) 475-0225 EPA ID: FLD982168643 Contact: RAUL BENGOLEA (305) 475-0225  Classification: Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported  Violation Status: No violations found  FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)  HAZMAT: Document Id: 7538	RCRIS-SQG FINDS BROWARD CO. HM	1000156406 FLD982168643
40	<b>DUBARRY 5TH AVE INC</b> 6900 SW 21ST CT FORT LAUDERDALE, FL 33317  RCRIS: Owner: EDMOND FEE, CONTROLLER (305) 475-2700 EPA ID: FL0001021625 Contact: EDMOND FEE (305) 475-2700  Classification: Handler transports wastes, but commercial status is unknown, Conditionally Exempt Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported	RCRIS-SQG FINDS	1000986030 FL0001021625

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DUBARRY 5TH AVE INC (Continued)**

1000986030

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

41

**4341 SOUTHWEST 22 STREET  
FT. LAUDERDALE, FL**

**SPILLS S105615096  
N/A**

**SPILLS:**

Incident Number: 02-21-0157Z  
Date Reported: 08/24/02  
Amount Spilled: 0  
NFA Date: 08/24/02  
RP / Owner Identified: Yes  
Pollutant: Natural gas  
Substance Spilled: Natural gas  
Amount Spilled: 0  
Amount Spilled: 0

42

**BANASZAK CONCRETE CORP  
2401 COLLEGE AVE  
DAVIE, FL 33317**

**WASTEWATER U003339875  
BROWARD CO. HM N/A  
AST**

**HAZMAT:**

Document Id: 3271

**FL WW:**

Facility ID: FLG110360 District Office: SED  
Telephone: Not reported Owner Type: Privately Owned  
Facility Type: Concrete Batch GP  
Flag: INDUST  
Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

NPDES Permitted Site: Yes  
Domestic Water Class: Not reported  
Permit Capacity: Not reported  
Party Name: MR. HOWARD S. BANASZAK, JR., PRESIDENT  
Responsible Party Address: 2401 COLLEGE AVENUE  
RP Address 2: Not reported  
Not reported  
Treatment Process Summary: Not reported

**AST:**

Facility ID: 8622283 Tank ID: 1  
Facility Phone: (954) 962-0155  
Facility Type: Fuel User / Non-retail Facility Status: OPEN  
Tank Location: ABOVEGROUND Vessel Indicator: TANK  
Type Description: Fuel user/Non-retail Content Description: Vehicular Diesel  
Substance:  
Description: Vehicular diesel  
Gallons: 8000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: In service Status Date: Not reported  
Install Date: 01-DEC-1987

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BANASZAK CONCRETE CORP (Continued)

U003339875

Owner Id: 1391 Owner Phone: (954) 476-1004  
Owner Name: BANASZAK CONCRETE CORP  
Owner Contact: S HOWARD BANASZAK  
Owner Address: 2401 COLLEGE AVE  
DAVIE, FL 33317

### Tank Construction:

Tank Id: 1  
Construction Desc: Steel  
Category: Primary Construction  
Description: Steel

Tank Id: 1  
Construction Desc: AST containment  
Category: Secondary Containment  
Description: Cnrt, synt mat; offsite clay bneth AST & cnmt area

### Petro Monitoring:

Monitoring Desc: Visual inspection of ASTs  
Category: Q  
Description: Q

### Tank Piping:

Piping Desc: Abv, no soil contact  
Category: Miscellaneous Attributes  
Description: Aboveground-no contact with soil

Facility ID: 8622283 Tank ID: 2  
Facility Phone: (954) 962-0155  
Facility Type: Fuel User / Non-retail Facility Status: OPEN  
Tank Location: ABOVEGROUND Vessel Indicator: TANK  
Type Description: Fuel user/Non-retail Content Description: Vehicular Diesel  
Substance:  
Description: Vehicular diesel  
Gallons: 8000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: In service Status Date: Not reported  
Install Date: 01-DEC-1987  
Owner Id: 1391 Owner Phone: (954) 476-1004

Owner Name: BANASZAK CONCRETE CORP  
Owner Contact: S HOWARD BANASZAK  
Owner Address: 2401 COLLEGE AVE  
DAVIE, FL 33317

### Tank Construction:

Tank Id: 2  
Construction Desc: Steel  
Category: Primary Construction  
Description: Steel

Tank Id: 2  
Construction Desc: AST containment  
Category: Secondary Containment  
Description: Cnrt, synt mat; offsite clay bneth AST & cnmt area

### Petro Monitoring:

Monitoring Desc: Visual inspection of ASTs  
Category: Q  
Description: Q

### Tank Piping:

Piping Desc: Abv, no soil contact

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BANASZAK CONCRETE CORP (Continued)

U003339875

Category: Miscellaneous Attributes  
Description: Aboveground-no contact with soil

Facility ID: 8622283 Tank ID: 3  
Facility Phone: (954) 962-0155  
Facility Type: Fuel User / Non-retail Facility Status: OPEN  
Tank Location: ABOVEGROUND Vessel Indicator: TANK  
Type Description: Fuel user/Non-retail Content Description: Unleaded Gas  
Substance:  
Description: Unleaded gas  
Gallons: 1000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: In service Status Date: Not reported  
Install Date: 01-DEC-1987  
Owner Id: 1391 Owner Phone: (954) 476-1004  
Owner Name: BANASZAK CONCRETE CORP  
Owner Contact: S HOWARD BANASZAK  
Owner Address: 2401 COLLEGE AVE  
DAVIE, FL 33317

Tank Construction:  
Tank Id: 3  
Construction DescSteel  
Category: Primary Construction  
Description: Steel

Tank Id: 3  
Construction DescAST containment  
Category: Secondary Containment  
Description: Cncrt, synt mat; offsite clay bneth AST & cnmt area

Petro Monitoring:  
Monitoring Desc: Visual inspection of ASTs  
Category: Q  
Description: Q

Tank Piping:  
Piping Desc: Abv, no soil contact  
Category: Miscellaneous Attributes  
Description: Aboveground-no contact with soil

42

**BROWNING FERRIS IND OF FL INC**  
**2390 COLLEGE AVE**  
**DAVIE, FL 33317**

RCRIS-SQG 1000858714  
FINDS FL0000001594

RCRIS:  
Owner: MICHAEL ADAMS, SAFETY MGR  
(305) 472-6700  
EPA ID: FL0000001594  
Contact: MICHAEL ADAMS  
(305) 472-6700  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

# MAP FINDINGS

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

## BROWNING FERRIS IND OF FL INC (Continued)

1000858714

Violation Status: No violations found

### FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

42 BROWNING FERRIS IND OF NA INC  
2380 COLLEGE AVE  
DAVIE, FL 33317

BROWARD CO. HM S104520903  
N/A

### HAZMAT:

Document Id: 4953

42 NATIONAL ROOFING  
2396 SW 66TH TER  
FORT LAUDERDAL, FL 33317

LUST U001343685  
UST N/A

### LUST:

Facility ID: 8841412 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: Not reported Township: Not reported  
Range: Not reported Lat/long: 26° 4' 20" / 80° 14' 50"  
Facility Status: CLOSED Facility Type: Fuel User / Non-retail  
Operator: NATIONAL ROOFING  
Facility Phone: (305) 475-0610  
Related Party: NATIONAL ROOFING  
Related Party Addr: 2396 SW 66TH TER  
FORT LAUDERDALE, FL 33317 - 7135

RP Bad Address: Yes  
Related Party ID: 15254 Related Party Role: ACCOUNT OWNER

Related Prty Contact: EDWARD W SAUNDERS

Related Party Phone: (305) 475-0610

Related Party Begin: 09/08/88

Contamination ID: 9034

Name Update: Not reported

Address Update: Not reported

Facility Cleanup Status: Application (Explanation: Cleanup program application has been received)

Facility Cleanup Score: 11

Facility Cleanup Rank: 9139

Discharge ID: 10470

Clean Up Work Status: INACTIVE

Discharge Date: 11/12/93

Pct Discharge Combined With: 10470

Discharge Cleanup Status: Eligible - No Task Level Data

Discharge Cleanup Status Date: 10/09/00

Clean Up Required by 62-770: New Cleanup Required

Information Source: Not reported

Other Source Description: Not reported

Discharge Lead Agency: Not reported

Score Effective Date: 01/06/98

Inspection Date: 03/08/94

Contaminated Media ID: 7977

Contaminated Drinking Wells: 0

Contaminated Soil: Yes

Contaminated Surface Water: No

Contaminated Ground Water: Yes

Contaminated Monitoring Well: No

Pollutant ID: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## NATIONAL ROOFING (Continued)

U001343685

Pollutant Substance: Not reported  
Substance Category: Not reported  
Regulation Began: Not reported  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: 11  
Cleanup Eligibility Id: 11212  
Cleanup Program: Abandoned Tank Restoration Program  
Cleanup Lead : State  
Application Recvd Date: 07/05/94  
Letter of Intent Date: Not reported  
Eligibility Status: 12/16/94  
Eligibility Status Date: E  
Redetermined: No  
Eligibility Letter Sent: 12/16/94  
  
RAP Task ID: 24797  
RAP Cleanup Responsible: State  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 24798  
RA Cleanup Responsible: State  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 24796  
SA Cleanup Responsible: State  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 11  
Score Effective : 11/04/97  
Rank : 9139



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## NATIONAL ROOFING (Continued)

U001343685

Cleanup Status : APPL  
Facility Status : CLOSED  
Type : C  
Facility Phone : (305) 475-0610  
Operator : NATIONAL ROOFING  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 15254  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 09/08/88  
Responsible Party Name : NATIONAL ROOFING  
Responsible Party Address: 2396 SW 66TH TER  
FORT LAUDERDALE, FL 33317 - 7135  
Responsible Party Phone : (305) 475-0610  
Contact : EDWARD W SAUNDERS  
Responsible Party Bad Address : Yes

### UST:

Facility ID: 8841412 Facility Type: Fuel User / Non-retail  
Facility Phone: (305) 475-0610 Facility Status: CLOSED  
Owner Id: 15254  
Owner Name: NATIONAL ROOFING  
Owner Address: 2396 SW 66TH TER  
FORT LAUDERDALE, FL 33317  
Owner Contact: EDWARD W SAUNDERS Owner Phone: (305) 475-0610  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 1 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 1500  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed Tank Status Date: 30-NOV-1993  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

42

**NATIONAL ROOFING COMPANY**  
**2396 SW 66 TER**  
**DAVIE, FL 33317**

**Broward Co. EDIEAR S103271635**  
**N/A**

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## NATIONAL ROOFING COMPANY (Continued)

S103271635

### FL BROWARD COUNTY EDIEAR:

Facility ID: 1741  
Region: BROWARD  
Facility Type: Not reported  
Facility Department: 068841412  
Program Type: FDEP  
Pollutant Type: PETROLEUM  
Lead Agency: BCDPEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

42 A SUPERIOR TOWING CO INC  
2394 SW 66 TER  
DAVIE, FL 33317

BROWARD CO. HM S103298212  
N/A

HAZMAT:  
Document Id: 7538

42 SWEEPING CORP OF AMERICA INC  
2394 SW 66 TER  
DAVIE, FL 33317

BROWARD CO. HM S103298210  
N/A

HAZMAT:  
Document Id: 7699

42 VALSPAR CORPORATION  
2355 SW 66 TER  
DAVIE, FL 33317

BROWARD CO. HM S105213188  
N/A

HAZMAT:  
Document Id: 2821

42 VALSPAR COATINGS  
2355 SW 66TH TERRACE  
DAVIE, FL 33317

FINDS 1000173580  
RCRIS-LQG FLD982163024  
AST

### RCRIS:

Owner: ENGINEERED PLYMER SOLUTIONS  
(612) 332-7371  
EPA ID: FLD982163024  
Contact: KEN CINTRON  
(954) 475-0150

Classification: Large Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

### BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)
D001	65164.00

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s)

EPA ID Number

## VALSPAR COATINGS (Continued)

1000173580

Violation Status: Violations exist

Regulation Violated:	62-730.160
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	03/21/2002
Actual Date Achieved Compliance:	04/04/2002
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/24/1998
Actual Date Achieved Compliance:	06/26/1998
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	06/26/1998
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/24/1998
Actual Date Achieved Compliance:	06/26/1998
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	06/26/1998
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/24/1998
Actual Date Achieved Compliance:	06/26/1998
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	06/26/1998
Penalty Type:	Not reported
Regulation Violated:	40 CFR 262.34(A)
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	02/23/1998
Actual Date Achieved Compliance:	03/09/1998
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	06/26/1998
Penalty Type:	Not reported
Regulation Violated:	40 CFR 262.34(A)(1)(I)
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	02/23/1998
Actual Date Achieved Compliance:	03/09/1998
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	06/26/1998
Penalty Type:	Not reported
Regulation Violated:	40 CFR 262.34(A)(1)(I)
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	02/23/1998
Actual Date Achieved Compliance:	03/09/1998
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	06/26/1998
Penalty Type:	Not reported
Regulation Violated:	40 CFR 262.34(A)(2)&(3)
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	02/23/1998

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## VALSPAR COATINGS (Continued)

1000173580

Actual Date Achieved Compliance: 03/09/1998  
Regulation Violated: 40 CFR 262.34(A)(4)  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 02/23/1998  
Actual Date Achieved Compliance: 03/09/1998  
Regulation Violated: RULE 62-730.160(6), F.A.C.  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 02/23/1998  
Actual Date Achieved Compliance: 03/09/1998

There are 10 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20020404
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19980626
	GENERATOR-GENERAL REQUIREMENTS	19980626
	GENERATOR-GENERAL REQUIREMENTS	19980626
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980309
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980309
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980309
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980309
	GENERATOR-OTHER REQUIREMENTS	19980309
	GENERATOR-OTHER REQUIREMENTS	19980309

## FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)  
Biennial Reporting System (BRS)  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)  
Toxic Chemical Release Inventory System (TRIS)

## AST:

Facility ID:	8841384	Tank ID:	1
Facility Phone:	(954) 475-0150		
Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Vehicular Diesel
Substance:			
Description:	Vehicular diesel		
Gallons:	500		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Status Date:	Not reported
Install Date:	01-SEP-1986		
Owner Id:	6643	Owner Phone:	(305) 475-0150
Owner Name:	ERICKSON INDUSTRIES		
Owner Contact:	GLEN DOWNS		
Owner Address:	2355 SW 66TH TER DAVIE, FL 33317		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		Database(s)	EDR ID Number EPA ID Number
	<b>VALSPAR COATINGS (Continued)</b>		1000173580
	Monitoring Desc: Not reported Category: Not reported Description: Not reported Tank Piping: Piping Desc: Not reported Category: Not reported Description: Not reported		
42	<b>LUKE'S HEAVY TRUCK &amp; EQUIPMENT</b> 2300 SW 66 TER DAVIE, FL 33317  HAZMAT: Document Id: 7538	BROWARD CO. HM	S104520814 N/A
42	<b>CRUISIN' KIDS</b> 2251 SW 66 TER FT LAUDERDALE, FL 33317  HAZMAT: Document Id: 4419 (7538)	BROWARD CO. HM	S105213097 N/A
42	<b>K A M MACHINE SHOP</b> 2250 SW 66 TER DAVIE, FL 33317  HAZMAT: Document Id: 3599	BROWARD CO. HM	S103297388 N/A
42	<b>DAVIE PAINT &amp; BODY</b> 6600 SR 84 FORT LAUDERDALE, FL 33317  RCRIS: Owner: BILL KLOES JR (305) 475-8400 EPA ID: FLD122178908 Contact: BILL KLOES (305) 475-8400  Classification: Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported Violation Status: No violations found  FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)	RCRIS-SQG FINDS	1000248464 FLD122178908
43	<b>FL DEPT OF TRANSPORTATION</b> 6600 HWY 84 FORT LAUDERDAL, FL 33317  UST:	UST	U001343220 N/A

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FL DEPT OF TRANSPORTATION (Continued)

U001343220

Facility ID:	8630919	Facility Type:	State Government
Facility Phone:	(305) 473-1555	Facility Status:	CLOSED
Owner Id:	24716		
Owner Name:	FL DEPT OF TRANSPORTATION DIST 4		
Owner Address:	3400 W COMMERCIAL BLVD ATTN: DESMOND TILLES FORT LAUDERDALE, FL 33309		
Owner Contact:	DESMOND L TILLES SC 436 7600	Owner Phone:	(954) 776-4300
Tank Content Desc:	State Government		
Type Description:	State Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	4000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	30-NOV-1987
Install Date:	01-JUL-1963		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8630919	Facility Type:	State Government
Facility Phone:	(305) 473-1555	Facility Status:	CLOSED
Owner Id:	24716		
Owner Name:	FL DEPT OF TRANSPORTATION DIST 4		
Owner Address:	3400 W COMMERCIAL BLVD ATTN: DESMOND TILLES FORT LAUDERDALE, FL 33309		
Owner Contact:	DESMOND L TILLES SC 436 7600	Owner Phone:	(954) 776-4300
Tank Content Desc:	State Government		
Type Description:	State Government		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	4000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	30-NOV-1987
Install Date:	01-JUL-1963		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## FL DEPT OF TRANSPORTATION (Continued)

U001343220

### Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

### Tank Piping:

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

Facility ID: 8630919

Facility Phone: (305) 473-1555

Owner Id: 24716

Owner Name: FL DEPT OF TRANSPORTATION DIST 4

Owner Address: 3400 W COMMERCIAL BLVD

ATTN: DESMOND TILLES

FORT LAUDERDALE, FL 33309

Owner Contact: DESMOND L TILLES SC 436 7600

Facility Type:

Facility Status:

State Government

CLOSED

Owner Phone:

(954) 776-4300

Tank Content Desc:State Government

Type Description: State Government

Tank Id: 3

Tank Location: UNDERGROUND

Vessel Indicator:

TANK

### Substance:

Description: Vehicular diesel  
Gallons: 4000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Install Date: 01-JUL-1963

Tank Status Date:

30-NOV-1987

### Tank Construction:

Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

### Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

### Tank Piping:

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

Facility ID: 8630919

Facility Phone: (305) 473-1555

Owner Id: 24716

Owner Name: FL DEPT OF TRANSPORTATION DIST 4

Owner Address: 3400 W COMMERCIAL BLVD

ATTN: DESMOND TILLES

FORT LAUDERDALE, FL 33309

Owner Contact: DESMOND L TILLES SC 436 7600

Facility Type:

Facility Status:

State Government

CLOSED

Owner Phone:

(954) 776-4300

Tank Content Desc:State Government

Type Description: State Government

Tank Id: 4

Tank Location: UNDERGROUND

Vessel Indicator:

TANK

### Substance:

Description: Vehicular diesel  
Gallons: 4000

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FL DEPT OF TRANSPORTATION (Continued)

U001343220

Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed Tank Status Date: 30-NOV-1987  
Install Date: 01-JUL-1963  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

43

DI-MAR INDUSTRIES INC  
6650 HWY 84  
FORT LAUDERDAL, FL 33314

UST U001342763  
AST N/A

UST:

Facility ID: 8622248 Facility Type: Fuel User / Non-retail  
Facility Phone: Not reported Facility Status: CLOSED  
Owner Id: 24718  
Owner Name: FL DEPT OF TRANSPORTATION TURNPK  
Owner Address: PO BOX 9828  
ATTN: FINANCE  
FORT LAUDERDALE, FL 33310  
Owner Contact: SCOTT BUCK Owner Phone: (954) 975-4855  
Tank Content Desc:Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 5 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Leaded gas  
Gallons: 1000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed Tank Status Date: Not reported  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported  
Facility ID: 8622248 Facility Type: Fuel User / Non-retail  
Facility Phone: Not reported Facility Status: CLOSED  
Owner Id: 24718



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

DI-MAR INDUSTRIES INC (Continued)

U001342763

Owner Name:	FL DEPT OF TRANSPORTATION TURNPK		
Owner Address:	PO BOX 9828		
	ATTN: FINANCE		
	FORT LAUDERDALE, FL 33310		
Owner Contact:	SCOTT BUCK	Owner Phone:	(954) 975-4855
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	6	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Leaded gas		
Gallons:	1000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8622248	Facility Type:	Fuel User / Non-retail
Facility Phone:	Not reported	Facility Status:	CLOSED
Owner Id:	24718		
Owner Name:	FL DEPT OF TRANSPORTATION TURNPK		
Owner Address:	PO BOX 9828		
	ATTN: FINANCE		
	FORT LAUDERDALE, FL 33310		
Owner Contact:	SCOTT BUCK	Owner Phone:	(954) 975-4855
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	7	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Leaded gas		
Gallons:	1000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## DI-MAR INDUSTRIES INC (Continued)

U001342763

Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

### AST:

Facility ID:	8622248	Tank ID:	8
Facility Phone:	Not reported		
Facility Type:	Fuel User / Non-retail	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Vehicular Diesel
Substance:			
Description:	Vehicular diesel		
Gallons:	2000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Status Date:	Not reported
Install Date:	Not reported		
Owner Id:	24718	Owner Phone:	(954) 975-4855
Owner Name:	FL DEPT OF TRANSPORTATION TURNPK		
Owner Contact:	SCOTT BUCK		
Owner Address:	PO BOX 9828 ATTN: FINANCE FORT LAUDERDALE, FL 33310		

### Tank Construction:

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

### Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

### Tank Piping:

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

Facility ID:	8622248	Tank ID:	9
Facility Phone:	Not reported		
Facility Type:	Fuel User / Non-retail	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Vehicular Diesel
Substance:			
Description:	Vehicular diesel		
Gallons:	2000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Status Date:	Not reported
Install Date:	Not reported		
Owner Id:	24718	Owner Phone:	(954) 975-4855
Owner Name:	FL DEPT OF TRANSPORTATION TURNPK		
Owner Contact:	SCOTT BUCK		
Owner Address:	PO BOX 9828 ATTN: FINANCE FORT LAUDERDALE, FL 33310		

### Tank Construction:

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## DI-MAR INDUSTRIES INC (Continued)

U001342763

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

44

## TRASH TRANSFER STATION 5490 STATE ROAD 84 DAVIE, FL

SWF/LF S101011703  
N/A

### LF:

Facility ID: 54107 Facility Type: Not reported  
Address: Not reported  
GMS\_ID: 5006P02244 District: SED  
Owner Type: PRIVATE Location Type: Not reported  
Liner Type: Not reported  
Section: --  
Class Type: TRANSFER STATION  
Lat/Long: 26:5:29.92 / 80:13:15.75

44

## SHELL STATION 2400 DAVIE RD DAVIE, FL 33314

UST U003835854  
N/A

### FL UST Broward County:

Location ID: 587987  
Install Date: 0\0\0  
Tank Size: 15000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 587987  
Install Date: 0\0\0  
Tank Size: 15000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 587987  
Install Date: 0\0\0  
Tank Size: 4000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 587987  
Install Date: 0\0\0  
Tank Size: 110.0000  
Tank Type: UG  
State ID: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

44 SHELL-COLLEGE UST U001342332  
6400 SR 84 N/A  
FORT LAUDERDAL, FL 33313

## UST:

Facility ID:	8501742	Facility Type:	Retail Station
Facility Phone:	(305) 792-3730	Facility Status:	CLOSED
Owner Id:	24645		
Owner Name:	MOTIVA ENTERPRISES LLC		
Owner Address:	650 S NORTH LAKE BLVD #450 ATTN: CORI NEDERPELT ALTAMONTE SPRINGS, FL 32701		
Owner Contact:	C M NEDERPELT	Owner Phone:	(954) 462-0460
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Leaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	30-JUN-1989
Install Date:	01-DEC-1968		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8501742	Facility Type:	Retail Station
Facility Phone:	(305) 792-3730	Facility Status:	CLOSED
Owner Id:	24645		
Owner Name:	MOTIVA ENTERPRISES LLC		
Owner Address:	650 S NORTH LAKE BLVD #450 ATTN: CORI NEDERPELT ALTAMONTE SPRINGS, FL 32701		
Owner Contact:	C M NEDERPELT	Owner Phone:	(954) 462-0460
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	3	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	6000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	30-JUN-1989
Install Date:	01-DEC-1968		
Tank Construction:			
Tank Id:	Not reported		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL-COLLEGE (Continued)

U001342332

Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8501742  
Facility Phone: (305) 792-3730  
Owner Id: 24645  
Owner Name: MOTIVA ENTERPRISES LLC  
Owner Address: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701

Facility Type: Retail Station  
Facility Status: CLOSED

Owner Contact: C M NEDERPELT  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 2  
Tank Location: UNDERGROUND

Owner Phone: (954) 462-0460

Vessel Indicator: TANK

Substance:  
Description: Gasohol  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed  
Install Date: 01-DEC-1968

Tank Status Date: 30-JUN-1989

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

45

WRIGHT & LOPEZ  
5210 HWY 84  
FORT LAUDERDAL, FL 33314

LUST U001343627  
UST N/A

### LUST:

Facility ID: 8840198  
Facility District: SE  
Section: Not reported  
Range: Not reported  
Facility Status: CLOSED  
Operator: FL DEPT OF TRANSPORTATION  
Facility Phone: (904) 488-2911  
Related Party: FL DEPT OF TRANSPORTATION DIST 4  
Related Party Addr: 3400 W COMMERCIAL BLVD  
Region: STATE  
Facility County: BROWARD  
Township: Not reported  
Lat/long: 26° 5' 22" / 80° 12' 32"  
Facility Type: State Government

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WRIGHT & LOPEZ (Continued)

U001343627

ATTN: DESMOND TILLES  
FORT LAUDERDALE, FL 33309

RP Bad Address: No  
Related Party ID: 24716 Related Party Role: ACCOUNT OWNER  
Related Party Contact: DESMOND L TILLES SC 436 7600  
Related Party Phone: (954) 776-4300  
Related Party Begin: 11/23/92 Contamination ID: 9555  
Name Update: Not reported Address Update: 10/04/99  
Facility Cleanup Status: Application (Explanation: Cleanup program application has been received)  
Facility Cleanup Score: 10  
Facility Cleanup Rank: 9851  
  
Discharge ID: 11089  
Clean Up Work Status: INACTIVE  
Discharge Date: 08/01/86  
Pct Discharge Combined With: 11089  
Discharge Cleanup Status: Eligible - No Task Level Data  
Discharge Cleanup Status Date: 10/09/00  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: EDI  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 01/06/98  
Inspection Date: 03/10/88  
Contaminated Media ID: 8326  
Contaminated Drinking Wells: 0  
Contaminated Soil: Yes  
Contaminated Surface Water: No  
Contaminated Ground Water: Yes  
Contaminated Monitoring Well: Yes  
Pollutant ID: 14020  
Pollutant Substance: Generic gasoline  
Substance Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: 10  
Cleanup Eligibility Id: 11845  
Cleanup Program: Early Detection Initiative  
Cleanup Lead : State  
Application Recvd Date: 08/05/86  
Letter of Intent Date: Not reported  
Eligibility Status: 04/12/88  
Eligibility Status Date: E  
Redetermined: No  
Eligibility Letter Sent: 04/12/88  
  
RAP Task ID: 25986  
RAP Cleanup Responsible: State  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 25987  
RA Cleanup Responsible: State  
RA Actual Cost: Not reported  
RA Actual Years to Complete: Not reported  
SRC Action Type: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## WRIGHT & LOPEZ (Continued)

U001343627

SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 25985  
SA Cleanup Responsible: State  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: 25984  
SR Cleanup Responsible: State  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
County Code : 6  
Score Ranked : 10  
Score Effective : 11/04/97  
Rank : 9851  
Cleanup Status : APPL  
Facility Status : CLOSED  
Type : G  
Facility Phone : (904) 488-2911  
Operator : FL DEPT OF TRANSPORTATION  
Name Update : Not reported  
Address Update : 10/04/99  
Primary Responsible Party Id : 24716  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 11/23/92  
Responsible Party Name : FL DEPT OF TRANSPORTATION DIST 4  
Responsible Party Address: 3400 W COMMERCIAL BLVD  
ATTN: DESMOND TILLES  
FORT LAUDERDALE, FL 33309  
Responsible Party Phone : (954) 776-4300  
Contact : DESMOND L TILLES SC 436 7600  
Responsible Party Bad Address : No

FL LUST Broward County:  
Region: BROWARD

### UST:

Facility ID:	8840198	Facility Type:	State Government
Facility Phone:	(904) 488-2911	Facility Status:	CLOSED
Owner Id:	24716		
Owner Name:	FL DEPT OF TRANSPORTATION DIST 4		
Owner Address:	3400 W COMMERCIAL BLVD ATTN: DESMOND TILLES		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## WRIGHT & LOPEZ (Continued)

U001343627

FORT LAUDERDALE, FL 33309  
Owner Contact: DESMOND L TILLES SC 436 7600 Owner Phone: (954) 776-4300  
Tank Content Desc:State Government  
Type Description: State Government  
Tank Id: 1 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Unknown/Not reported  
Gallons: 888  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed Tank Status Date: Not reported  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported  
Facility ID: 8840198 Facility Type: State Government  
Facility Phone: (904) 488-2911 Facility Status: CLOSED  
Owner Id: 24716  
Owner Name: FL DEPT OF TRANSPORTATION DIST 4  
Owner Address: 3400 W COMMERCIAL BLVD  
ATTN: DESMOND TILLES  
FORT LAUDERDALE, FL 33309  
Owner Contact: DESMOND L TILLES SC 436 7600 Owner Phone: (954) 776-4300  
Tank Content Desc:State Government  
Type Description: State Government  
Tank Id: 2 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Unknown/Not reported  
Gallons: 888  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed Tank Status Date: Not reported  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## WRIGHT & LOPEZ (Continued)

U001343627

Category: Not reported  
Description: Not reported

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## BROWARD CNTY SCHOOL BD-NEW RIVER MS 3100 RIVERLAND RD FORT LAUDERDAL, FL 33312

LUST U001343725  
UST N/A

### LUST:

Facility ID: 8842335 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: 019 Township: 50S  
Range: 42E Lat/long: 26° 5' 28" / 80° 11' 9"  
Facility Status: OPEN Facility Type: County Government  
Operator: BROWARD CNTY SCHOOL BD  
Facility Phone: Not reported  
Related Party: BROWARD CNTY SCHOOL BD  
Related Party Addr: 3895 NW 10TH AVE  
OAKLAND PARK, FL 33309 - 4110

RP Bad Address: No  
Related Party ID: 2784 Related Party Role: ACCOUNT OWNER

Related Ptry Contact: ARLIN VANCE

Related Party Phone: (954) 928-0252

Related Party Begin: 05/20/94

Name Update: 04/10/02

Facility Cleanup Status:

Contamination ID: 9523  
Address Update: Not reported  
Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)

Facility Cleanup Score: Not reported

Facility Cleanup Rank: Not reported

Discharge ID: 11050

Clean Up Work Status: COMPLETED

Discharge Date: 11/07/88

Pct Discharge Combined With: 11050

Discharge Cleanup Status: NFA Complete (Explanation: No Further Action Status Approved)

Discharge Cleanup Status Date: 03/17/92

Clean Up Required by 62-770: New Cleanup Required

Information Source: EDI

Other Source Description: Not reported

Discharge Lead Agency: Local Program

Score Effective Date: 01/06/98

Inspection Date: 05/03/90

Contaminated Media ID: 8299

Contaminated Drinking Wells: 0

Contaminated Soil: No

Contaminated Surface Water: No

Contaminated Ground Water: Yes

Contaminated Monitoring Well: Yes

Pollutant ID: 13978

Pollutant Substance: Unknown/Not reported

Substance Category: Vehicular Fuels

Regulation Began: 1986-07-01

Pollutant Other Description: Not reported

Gallons Discharged: Not reported

Score: 11

Cleanup Eligibility Id: 11806

Cleanup Program: Early Detection Initiative

Cleanup Lead : Reimbursement

Application Recvd Date: 12/12/88

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY SCHOOL BD-NEW RIVER MS (Continued)**

**U001343725**

Letter of Intent Date:	08/08/90
Eligibility Status:	10/23/90
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	10/23/90
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	25874
RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	NFA
SRC Submit Date:	03/02/92
SRC Review Date:	03/17/92
SRC Issue Date:	03/17/92
SRC Status Effective Date:	03/17/92
SRC Comment:	NFA APPROVED
SA ID:	25873
SA Cleanup Responsible:	Responsible Party
SA Actual Completion Date:	03/17/92
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	Not reported
Score Ranked :	Not reported
Score Effective :	Not reported
Rank :	Not reported
Cleanup Status :	Not reported
Facility Status :	Not reported
Type :	Not reported
Facility Phone :	Not reported
Operator :	Not reported
Name Update :	Not reported
Address Update :	Not reported
Primary Responsible Party Id :	Not reported
Primary Responsible Party Role :	Not reported
Responsible Party Begin Date :	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD CNTY SCHOOL BD-NEW RIVER MS (Continued)

U001343725

Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

### UST:

Facility ID:	8842335	Facility Type:	County Government
Facility Phone:	Not reported	Facility Status:	OPEN
Owner Id:	2784		
Owner Name:	BROWARD CNTY SCHOOL BD		
Owner Address:	3895 NW 10TH AVE OAKLAND PARK, FL 33309		
Owner Contact:	ARLIN VANCE	Owner Phone:	(954) 928-0252
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Fuel oil-on site heat		
Gallons:	2000		
Category:	Exempt Substances		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	30-JUN-1990
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

Facility ID:	8842335	Facility Type:	County Government
Facility Phone:	Not reported	Facility Status:	OPEN
Owner Id:	2784		
Owner Name:	BROWARD CNTY SCHOOL BD		
Owner Address:	3895 NW 10TH AVE OAKLAND PARK, FL 33309		
Owner Contact:	ARLIN VANCE	Owner Phone:	(954) 928-0252
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	3	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Fuel oil-on site heat		
Gallons:	1500		
Category:	Exempt Substances		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-JUL-1960		
Tank Construction:			

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD CNTY SCHOOL BD-NEW RIVER MS (Continued)

U001343725

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8842335  
Facility Phone: Not reported  
Owner Id: 2784  
Owner Name: BROWARD CNTY SCHOOL BD  
Owner Address: 3895 NW 10TH AVE  
OAKLAND PARK, FL 33309

Facility Type: County Government  
Facility Status: OPEN

Owner Contact: ARLIN VANCE  
Tank Content Desc: County Government  
Type Description: County Government  
Tank Id: 2  
Tank Location: UNDERGROUND

Owner Phone: (954) 928-0252

Vessel Indicator: TANK

Substance:  
Description: Fuel oil-on site heat  
Gallons: 2000  
Category: Exempt Substances  
Regulation Began: 1986-07-01

Tank Status: Removed  
Install Date: Not reported

Tank Status Date: 30-JUN-1990

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8842335  
Facility Phone: Not reported  
Owner Id: 2784  
Owner Name: BROWARD CNTY SCHOOL BD  
Owner Address: 3895 NW 10TH AVE  
OAKLAND PARK, FL 33309

Facility Type: County Government  
Facility Status: OPEN

Owner Contact: ARLIN VANCE  
Tank Content Desc: County Government  
Type Description: County Government  
Tank Id: 4  
Tank Location: UNDERGROUND  
Substance:

Owner Phone: (954) 928-0252

Vessel Indicator: TANK

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD CNTY SCHOOL BD-NEW RIVER MS (Continued)

U001343725

Description: Fuel oil-on site heat  
Gallons: 1500  
Category: Exempt Substances  
Regulation Began:1986-07-01  
Tank Status: In service  
Install Date: 01-JUL-1960  
Tank Status Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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**EXXON #4078-RIVERLAND**  
**3941 RIVERLAND RD**  
**FORT LAUDERDALE, FL 33317**

**LUST S104983973**  
**N/A**

### LUST:

Facility ID: 8502552  
Facility District: SE  
Section: 018  
Range: 42E  
Facility Status: CLOSED  
Operator: FOTIOS STARFAS  
Facility Phone: (305) 792-8433  
Related Party: EXXON MOBIL CORP  
Related Party Addr: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Region: STATE  
Facility County: BROWARD  
Township: 50S  
Lat/long: 26° 5' 26" / 80° 12' 7"  
Facility Type: Retail Station

RP Bad Address: No  
Related Party ID: 6789  
Related Party Role: ACCOUNT OWNER

Related Prty Contact: ERIC MCPHEE  
Related Party Phone: (303) 986-8011

Related Party Begin: 07/01/85  
Name Update: Not reported  
Contamination ID: 9856  
Address Update: 04/05/01

Facility Cleanup Status: Ongoing (Explanation: At least one cleanup activity is in progress at a related discharge)

Facility Cleanup Score: 60  
Facility Cleanup Rank: 2163

Discharge ID: 11465  
Clean Up Work Status: ACTIVE  
Discharge Date: 08/24/87  
Pct Discharge Combined With: 11465  
Discharge Cleanup Status: RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)  
Discharge Cleanup Status Date: 10/18/01  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: EDI  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 03/27/00  
Inspection Date: 01/14/88

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

EXXON #4078-RIVERLAND (Continued)

S104983973

Contaminated Media ID: 8604  
Contaminated Drinking Wells: 0  
Contaminated Soil: No  
Contaminated Surface Water: No  
Contaminated Ground Water: Yes  
Contaminated Monitoring Well: Yes  
Pollutant ID: 14485  
Pollutant Substance: Generic gasoline  
Substance Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: 60  
Cleanup Eligibility Id: 12233  
Cleanup Program: Early Detection Initiative  
Cleanup Lead : Reimbursement  
Application Recvd Date: 09/30/87  
Letter of Intent Date: 10/15/87  
Eligibility Status: 11/14/88  
Eligibility Status Date: E  
Redetermined: No  
Eligibility Letter Sent: 11/14/88  
  
RAP Task ID: 27047  
RAP Cleanup Responsible: Responsible Party  
RAP Order Completion Date: 09/10/92  
RAP Actual Completion Date: 09/10/92  
RAP Payment Date: 08/20/93  
RAP Actual Cost: Not reported  
RA Task ID: 27048  
RA Cleanup Responsible: Responsible Party  
RA Actual Cost: 4  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 27046  
SA Cleanup Responsible: Responsible Party  
SA Actual Completion Date: 06/21/89  
SA Payment Date: 08/20/93  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXXON #4078-RIVERLAND (Continued)

S104983973

SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
County Code : 6  
Score Ranked : 60  
Score Effective : 03/27/00  
Rank : 2163  
Cleanup Status : ONGO  
Facility Status : CLOSED  
Type : A  
Facility Phone : (305) 792-8433  
Operator : FOTIOS STARFAS  
Name Update : Not reported  
Address Update : 04/05/01  
Primary Responsible Party Id : 6789  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 07/01/85  
Responsible Party Name : EXXON MOBIL CORP  
Responsible Party Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228  
Responsible Party Phone : (303) 986-8011  
Contact : ERIC MCPHEE  
Responsible Party Bad Address : No

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**EXXON STATION #4078 RIVE**  
**3941 RIVERLAND RD**  
**FORT LAUDERDALE, FL 33312**

**Broward Co. EDIEAR S105627864**  
**N/A**

FL BROWARD COUNTY EDIEAR:  
Facility ID: 1216  
Region: BROWARD  
Facility Type: GAS STATION  
Facility Department: 068502552  
Program Type: FDEP  
Pollutant Type: GASOLINE  
Lead Agency: BCDPEP  
Site Studies: X  
Remedy Selected: Yes  
Remedy Design: Yes  
Cleanup Ongoing: Yes  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

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**SHELL-JENNA JEFF INC**  
**2400 S UNIV DR**  
**DAVIE, FL 33324**

**LUST U002220447**  
**UST N/A**

LUST:  
Facility ID: 8502435 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: Not reported Township: Not reported  
Range: Not reported Lat/long: 26° 5' 30" / 80° 15' 3"  
Facility Status: OPEN Facility Type: Retail Station  
Operator: JOHN RUDOLPH  
Facility Phone: (954) 475-8109  
Related Party: MOTIVA ENTERPRISES LLC

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL-JENNA JEFF INC (Continued)

U002220447

Related Party Addr: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701

RP Bad Address: No

Related Party ID: 24645 Related Party Role: ACCOUNT OWNER

Related Prty Contact: C M NEDERPELT

Related Party Phone: (954) 462-0460

Related Party Begin: 05/05/93 Contamination ID: 8966

Name Update: 04/10/97 Address Update: 07/17/02

Facility Cleanup Status: Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default)

Facility Cleanup Score: 9

Facility Cleanup Rank: 12051

Discharge ID: 10391

Clean Up Work Status: INACTIVE

Discharge Date: 11/15/95

Pct Discharge Combined With: 10391

Discharge Cleanup Status: Report of Discharge Recieved

Discharge Cleanup Status Date: 10/09/00

Clean Up Required by 62-770: New Cleanup Required

Information Source: Not reported

Other Source Description: Not reported

Discharge Lead Agency: Not reported

Score Effective Date: 01/06/98

Inspection Date: 11/15/95

Contaminated Media ID: Not reported

Contaminated Drinking Wells: Not reported

Contaminated Soil: Not reported

Contaminated Surface Water: Not reported

Contaminated Ground Water: Not reported

Contaminated Monitoring Well: Not reported

Pollutant ID: Not reported

Pollutant Substance: Not reported

Substance Category: Not reported

Regulation Began: Not reported

Pollutant Other Description: Not reported

Gallons Discharged: Not reported

Score: 9

Cleanup Eligibility Id: 11132

Cleanup Program: Other

Cleanup Lead : Not reported

Application Recvd Date: Not reported

Letter of Intent Date: Not reported

Eligibility Status: Not reported

Eligibility Status Date: Not reported

Redetermined: No

Eligibility Letter Sent: Not reported

RAP Task ID: Not reported

RAP Cleanup Responsible: Not reported

RAP Order Completion Date: Not reported

RAP Actual Completion Date: Not reported

RAP Payment Date: Not reported

RAP Actual Cost: Not reported

RA Task ID: Not reported

RA Cleanup Responsible: Not reported

RA Actual Cost: Not reported

Ra Actual Years to Complete: Not reported



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL-JENNA JEFF INC (Continued)

U002220447

SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	10392
Clean Up Work Status:	INACTIVE
Discharge Date:	08/16/94
Pct Discharge Combined With:	10392
Discharge Cleanup Status:	Eligible - No Task Level Data
Discharge Cleanup Status Date:	10/09/00
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Not reported
Other Source Description:	Not reported
Discharge Lead Agency:	Not reported
Score Effective Date:	01/06/98
Inspection Date:	05/06/94
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	Not reported
Pollutant Substance:	Not reported
Substance Category:	Not reported
Regulation Began:	Not reported
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	9
Cleanup Eligibility Id:	11133
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	11/30/95
Letter of Intent Date:	11/27/95

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL-JENNA JEFF INC (Continued)

U002220447

Eligibility Status: 01/12/96  
Eligibility Status Date: E  
Redetermined: No  
Eligibility Letter Sent: 01/12/96  
RAP Task ID: Not reported  
RAP Cleanup Responsible: Not reported  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: Not reported  
RA Cleanup Responsible: Not reported  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: Not reported  
SA Cleanup Responsible: Not reported  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
County Code : 6  
Score Ranked : 9  
Score Effective : 11/04/97  
Rank : 12051  
Cleanup Status : REPT  
Facility Status : OPEN  
Type : A  
Facility Phone : (954) 475-8109  
Operator : JOHN RUDOLPH  
Name Update : 04/10/97  
Address Update : 07/17/02  
Primary Responsible Party Id : 24645  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/05/93  
Responsible Party Name : MOTIVA ENTERPRISES LLC

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SHELL-JENNA JEFF INC (Continued)**

**U002220447**

Responsible Party Address: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701  
Responsible Party Phone : (954) 462-0460  
Contact : C M NEDERPELT  
Responsible Party Bad Address : No

**UST:**

Facility ID:	8502435	Facility Type:	Retail Station
Facility Phone:	(954) 475-8109	Facility Status:	OPEN
Owner Id:	24645		
Owner Name:	MOTIVA ENTERPRISES LLC		
Owner Address:	650 S NORTH LAKE BLVD #450 ATTN: CORI NEDERPELT ALTAMONTE SPRINGS, FL 32701		
Owner Contact:	C M NEDERPELT	Owner Phone:	(954) 462-0460
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	4	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	12000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	01-AUG-1994
Install Date:	01-AUG-1994		
Tank Construction:			
Tank Id:	4		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	4		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tmk mat		
Tank Id:	4		
Construction Desc:	Flow shut-Off		
Category:	Overfill/Spill		
Description:	Flow shut off		
Tank Id:	4		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Petro Monitoring:			
Monitoring Desc:	Visual inspect pipe sumps		
Category:	Miscellaneous		
Description:	Visual Inspections of Piping Sumps		
Monitoring Desc:	Manual tank gauging - USTs		
Category:	Tank Monitoring		
Description:	Manual tank gauging system		
Monitoring Desc:	Automatic tank gauging - USTs		
Category:	Tank Monitoring		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL-JENNA JEFF INC (Continued)

U002220447

Description: Auto tank gauging system

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Monitoring Desc: Monitor dbl wall pipe space  
Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping

Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Electronic monitor pipe sumps  
Category: Miscellaneous  
Description: Electronic Monitoring of Piping Sumps

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8502435  
Facility Phone: (954) 475-8109  
Owner Id: 24645  
Owner Name: MOTIVA ENTERPRISES LLC  
Owner Address: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: C M NEDERPELT

Owner Phone: (954) 462-0460

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 5

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 12000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: 01-AUG-1994

Install Date: 01-AUG-1994

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SHELL-JENNA JEFF INC (Continued)**

**U002220447**

Tank Construction:

Tank Id: 5  
Construction DescFiberglass  
Category: Primary Construction  
Description: Fiberglass

Tank Id: 5  
Construction DescFlow shut-Off  
Category: Overfill/Spill  
Description: Flow shut off

Tank Id: 5  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 5  
Construction DescDouble wall  
Category: Secondary Containment  
Description: Dbl wall; single mat; out tnk amt = in tmk mat

Petro Monitoring:

Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Electronic monitor pipe sumps  
Category: Miscellaneous  
Description: Electronic Monitoring of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Manual tank gauging - USTs  
Category: Tank Monitoring  
Description: Manual tank gauging system

Monitoring Desc: Automatic tank gauging - USTs  
Category: Tank Monitoring  
Description: Auto tank gauging system

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Monitoring Desc: Monitor dbl wall pipe space  
Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping

Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank

Tank Piping:

Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL-JENNA JEFF INC (Continued)

U002220447

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8502435  
Facility Phone: (954) 475-8109  
Owner Id: 24645  
Owner Name: MOTIVA ENTERPRISES LLC  
Owner Address: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: C M NEDERPELT

Owner Phone: (954) 462-0460

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 6

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 12000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: In service

Tank Status Date: 01-AUG-1994

Install Date: 01-AUG-1994

Tank Construction:

Tank Id: 6

Construction Desc:Fiberglass

Category: Primary Construction

Description: Fiberglass

Tank Id: 6

Construction DescDouble wall

Category: Secondary Containment

Description: Dbl wall; single mat; out tnk amt = in tmk mat

Tank Id: 6

Construction DescFlow shut-Off

Category: Overfill/Spill

Description: Flow shut off

Tank Id: 6

Construction DescSpill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Petro Monitoring:

Monitoring Desc: Visual inspect pipe sumps

Category: Miscellaneous

Description: Visual Inspections of Piping Sumps

Monitoring Desc: Monitor dbl wall tank space

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL-JENNA JEFF INC (Continued)

U002220447

Category: Tank Monitoring  
Description: Interstitial space - Double wall tank

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Monitoring Desc: Electronic monitor pipe sumps  
Category: Miscellaneous  
Description: Electronic Monitoring of Piping Sumps

Monitoring Desc: Manual tank gauging - USTs  
Category: Tank Monitoring  
Description: Manual tank gauging system

Monitoring Desc: Automatic tank gauging - USTs  
Category: Tank Monitoring  
Description: Auto tank gauging system

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

Monitoring Desc: Monitor dbl wall pipe space  
Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8502435  
Facility Phone: (954) 475-8109  
Owner Id: 24645  
Owner Name: MOTIVA ENTERPRISES LLC  
Owner Address: 650 S NORTH LAKE BLVD #450  
ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: C M NEDERPELT  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 1  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas

Owner Phone: (954) 462-0460

Vessel Indicator: TANK

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL-JENNA JEFF INC (Continued)

U002220447

Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-AUG-1994
Install Date:	01-DEC-1976		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8502435	Facility Type:	Retail Station
Facility Phone:	(954) 475-8109	Facility Status:	OPEN
Owner Id:	24645		
Owner Name:	MOTIVA ENTERPRISES LLC		
Owner Address:	650 S NORTH LAKE BLVD #450 ATTN: CORI NEDERPELT ALTAMONTE SPRINGS, FL 32701		
Owner Contact:	C M NEDERPELT	Owner Phone:	(954) 462-0460
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-AUG-1994
Install Date:	01-DEC-1976		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8502435	Facility Type:	Retail Station
Facility Phone:	(954) 475-8109	Facility Status:	OPEN
Owner Id:	24645		
Owner Name:	MOTIVA ENTERPRISES LLC		
Owner Address:	650 S NORTH LAKE BLVD #450		



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SHELL-JENNA JEFF INC (Continued)

U002220447

ATTN: CORI NEDERPELT  
ALTAMONTE SPRINGS, FL 32701  
Owner Contact: C M NEDERPELT Owner Phone: (954) 462-0460  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 3 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed Tank Status Date: 01-AUG-1994  
Install Date: 01-DEC-1976  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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GULF #594176/20128  
2399 UNIVERSITY DR  
DAVIE, FL 33324

Broward Co. EDIEAR S104144561  
N/A

FL BROWARD COUNTY EDIEAR:  
Facility ID: 1100  
Region: BROWARD  
Facility Type: GAS STATION  
Facility Department: 068502379  
Program Type: FDEP  
Pollutant Type: PETROLEUM  
Lead Agency: BCDPEP  
Site Studies: X  
Remedy Selected: Yes  
Remedy Design: Yes  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

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MOBIL #02-CVF  
2399 S UNIVERSITY DR  
DAVIE, FL 33324

LUST U001342574  
UST N/A

LUST:  
Facility ID: 8502379 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: 016 Township: 50S  
Range: 41E Lat/long: 26° 5' 27" / 80° 15' 7"

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-CVF (Continued)

U001342574

Facility Status:	OPEN	Facility Type:	Retail Station
Operator:	JOSHUA BEATTY		
Facility Phone:	(954) 474-3979		
Related Party:	EXXONMOBIL OIL CORP		
Related Party Addr:	12265 W BAYAUD AVE #300 ATTN: VEEDER-ROOT CMS LAKEWOOD, CO 80228		
RP Bad Address:	No	Related Party Role:	ACCOUNT OWNER
Related Party ID:	14745		
Related Prty Contact:	ERIC MCPHEE		
Related Party Phone:	(303) 986-8011		
Related Party Begin:	10/11/91	Contamination ID:	9891
Name Update:	Not reported	Address Update:	02/24/99
Facility Cleanup Status:	Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default)		
Facility Cleanup Score:	12		
Facility Cleanup Rank:	8689		
Discharge ID:	11523		
Clean Up Work Status:	INACTIVE		
Discharge Date:	06/19/92		
Pct Discharge Combined With:	11523		
Discharge Cleanup Status:	Discharge Notification Received		
Discharge Cleanup Status Date:	10/09/00		
Clean Up Required by 62-770:	New Cleanup Required		
Information Source:	Discharge Notification		
Other Source Description:	Not reported		
Discharge Lead Agency:	District		
Score Effective Date:	03/01/99		
Inspection Date:	06/25/92		
Contaminated Media ID:	Not reported		
Contaminated Drinking Wells:	Not reported		
Contaminated Soil:	Not reported		
Contaminated Surface Water:	Not reported		
Contaminated Ground Water:	Not reported		
Contaminated Monitoring Well:	Not reported		
Pollutant ID:	Not reported		
Pollutant Substance:	Not reported		
Substance Category:	Not reported		
Regulation Began:	Not reported		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	Not reported		
Cleanup Eligibility Id:	12293		
Cleanup Program:	Petroleum Contamination Participation Program		
Cleanup Lead :	Preapproval		
Application Recvd Date:	Not reported		
Letter of Intent Date:	Not reported		
Eligibility Status:	Not reported		
Eligibility Status Date:	Not reported		
Redetermined:	No		
Eligibility Letter Sent:	Not reported		
RAP Task ID:	Not reported		
RAP Cleanup Responsible:	Not reported		
RAP Order Completion Date:	Not reported		
RAP Actual Completion Date:	Not reported		
RAP Payment Date:	Not reported		
RAP Actual Cost:	Not reported		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-CVF (Continued)

U001342574

RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	11524
Clean Up Work Status:	INACTIVE
Discharge Date:	12/21/90
Pct Discharge Combined With:	11524
Discharge Cleanup Status:	Discharge Notification Received
Discharge Cleanup Status Date:	10/09/00
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	03/01/99
Inspection Date:	Not reported
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	14555
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	12294

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-CVF (Continued)

U001342574

Cleanup Program:	Petroleum Contamination Participation Program
Cleanup Lead :	Preapproval
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	No
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	11525
Clean Up Work Status:	COMBINED
Discharge Date:	12/10/90
Pct Discharge Combined With:	11525
Discharge Cleanup Status:	Discharge Notification Received
Discharge Cleanup Status Date:	03/04/01
Clean Up Required by 62-770:	Combined Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	03/01/99

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

Inspection Date:	Not reported
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	14556
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	12295
Cleanup Program:	Other
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	No
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MOBIL #02-CVF (Continued)

U001342574

SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
Discharge ID: 11526  
Clean Up Work Status: INACTIVE  
Discharge Date: 06/20/86  
Pct Discharge Combined With: 11526  
Discharge Cleanup Status: RAP Ongoing (Explanation: Remedial Action Plan Cleanup Activity in Progress)  
Discharge Cleanup Status Date: 10/09/00  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: EDI  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 03/01/99  
Inspection Date: 02/16/87  
Contaminated Media ID: 8635  
Contaminated Drinking Wells: 0  
Contaminated Soil: No  
Contaminated Surface Water: No  
Contaminated Ground Water: Yes  
Contaminated Monitoring Well: Yes  
Pollutant ID: 14557  
Pollutant Substance: Z  
Substance Category: Exempt Substances  
Regulation Began: 1986-07-01  
Pollutant Other Description: UNKNOWN  
Gallons Discharged: Not reported  
Score: 12  
Cleanup Eligibility Id: 12296  
Cleanup Program: Early Detection Initiative  
Cleanup Lead : Reimbursement  
Application Recvd Date: 07/25/86  
Letter of Intent Date: 07/25/86  
Eligibility Status: 09/20/90  
Eligibility Status Date: E  
Redetermined: No  
Eligibility Letter Sent: 09/20/90  
  
RAP Task ID: 27172  
RAP Cleanup Responsible: Responsible Party  
RAP Order Completion Date: 12/23/94  
RAP Actual Completion Date: 12/23/94  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 27173  
RA Cleanup Responsible: Responsible Party  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 27171  
SA Cleanup Responsible: Responsible Party  
SA Actual Completion Date: 04/04/89

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

SA Payment Date:	12/01/93
SA Actual Cost:	Not reported
SR Task ID:	27170
SR Cleanup Responsible:	Responsible Party
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	25973
Clean Up Work Status:	INACTIVE
Discharge Date:	04/30/96
Pct Discharge Combined With:	25973
Discharge Cleanup Status:	Eligible - No Task Level Data
Discharge Cleanup Status Date:	10/09/00
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Not reported
Other Source Description:	Not reported
Discharge Lead Agency:	Not reported
Score Effective Date:	03/01/99
Inspection Date:	05/29/96
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	Not reported
Pollutant Substance:	Not reported
Substance Category:	Not reported
Regulation Began:	Not reported
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	10
Cleanup Eligibility Id:	12292
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	06/10/96
Letter of Intent Date:	06/10/96
Eligibility Status:	10/25/96
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	10/25/96
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: Not reported  
RA Cleanup Responsible: Not reported  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: Not reported  
SA Cleanup Responsible: Not reported  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported

County Code : 6  
Score Ranked : 12  
Score Effective : 03/01/99  
Rank : 8689  
Cleanup Status : REPT  
Facility Status : OPEN  
Type : A  
Facility Phone : (954) 474-3979  
Operator : JOSHUA BEATTY  
Name Update : Not reported  
Address Update : 02/24/99  
Primary Responsible Party Id : 14745  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 10/11/91  
Responsible Party Name : EXXONMOBIL OIL CORP  
Responsible Party Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228  
Responsible Party Phone : (303) 986-8011  
Contact : ERIC MCPHEE  
Responsible Party Bad Address : No

FL LUST Broward County:  
Region: BROWARD

UST:



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

Facility ID:	8502379	Facility Type:	Retail Station
Facility Phone:	(954) 474-3979	Facility Status:	OPEN
Owner Id:	14745		
Owner Name:	EXXONMOBIL OIL CORP		
Owner Address:	12265 W BAYAUD AVE #300		
	ATTN: VEEDER-ROOT CMS		
	LAKEWOOD, CO 80228		
Owner Contact:	ERIC MCPHEE	Owner Phone:	(303) 986-8011
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1R1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-FEB-1988		
Tank Construction:			
Tank Id:	1R1		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	1R1		
Construction Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Tank Id:	1R1		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Petro Monitoring:			
Monitoring Desc:	Automatic tank gauging - USTs		
Category:	Tank Monitoring		
Description:	Auto tank gauging system		
Monitoring Desc:	Mechanical line leak detector		
Category:	Piping Monitoring		
Description:	Line leak detector with flow restrictor		
Monitoring Desc:	Visual inspect dispenser liners		
Category:	Miscellaneous		
Description:	Visual Inspection of Dispenser Liners		
Tank Piping:			
Piping Desc:	Fiberglass		
Category:	Primary Construction		
Description:	Fiberglass		
Piping Desc:	Pipe trench liner		
Category:	Secondary Containment		
Description:	Syn or box/trench liner in piping excvtn/cnmt area		
Piping Desc:	Pressurized piping system		
Category:	Miscellaneous Attributes		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

Description: Pressurized piping system

Facility ID: 8502379  
 Facility Phone: (954) 474-3979  
 Owner Id: 14745  
 Owner Name: EXXONMOBIL OIL CORP  
 Owner Address: 12265 W BAYAUD AVE #300  
 ATTN: VEEDER-ROOT CMS  
 LAKEWOOD, CO 80228

Facility Type: Retail Station  
 Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 4

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Vehicular diesel

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: Removed

Tank Status Date: 28-FEB-1988

Install Date: 01-FEB-1982

Tank Construction:

Tank Id: Not reported

Construction Desc: Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Facility ID: 8502379  
 Facility Phone: (954) 474-3979  
 Owner Id: 14745  
 Owner Name: EXXONMOBIL OIL CORP  
 Owner Address: 12265 W BAYAUD AVE #300  
 ATTN: VEEDER-ROOT CMS  
 LAKEWOOD, CO 80228

Facility Type: Retail Station  
 Facility Status: OPEN

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 1

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Leaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: Removed

Tank Status Date: 28-FEB-1988

Install Date: 01-MAR-1982

Tank Construction:

Tank Id: Not reported

Construction Desc: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8502379  
Facility Phone: (954) 474-3979  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 2  
Tank Location: UNDERGROUND

Owner Phone: (303) 986-8011

Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Vessel Indicator: TANK

Tank Status: Removed  
Install Date: 01-MAR-1980

Tank Status Date: 28-FEB-1988

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8502379  
Facility Phone: (954) 474-3979  
Owner Id: 14745  
Owner Name: EXXONMOBIL OIL CORP  
Owner Address: 12265 W BAYAUD AVE #300  
ATTN: VEEDER-ROOT CMS  
LAKEWOOD, CO 80228

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: ERIC MCPHEE  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 2R1  
Tank Location: UNDERGROUND  
Substance:

Owner Phone: (303) 986-8011

Vessel Indicator: TANK

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

Description: Unleaded gas  
 Gallons: 10000  
 Category: Vehicular Fuels  
 Regulation Began: 1986-07-01

Tank Status: In service      Tank Status Date: Not reported  
 Install Date: 01-FEB-1988

Tank Construction:  
 Tank Id: 2R1  
 Construction Desc: Ball check valve  
 Category: Overfill/Spill  
 Description: Ball Check Valve

Tank Id: 2R1  
 Construction Desc: Fiberglass  
 Category: Primary Construction  
 Description: Fiberglass

Tank Id: 2R1  
 Construction Desc: Spill containment bucket  
 Category: Overfill/Spill  
 Description: Spill containment bucket

Petro Monitoring:  
 Monitoring Desc: Automatic tank gauging - USTs  
 Category: Tank Monitoring  
 Description: Auto tank gauging system

Monitoring Desc: Mechanical line leak detector  
 Category: Piping Monitoring  
 Description: Line leak detector with flow restrictor

Monitoring Desc: Visual inspect dispenser liners  
 Category: Miscellaneous  
 Description: Visual Inspection of Dispenser Liners

Tank Piping:  
 Piping Desc: Fiberglass  
 Category: Primary Construction  
 Description: Fiberglass

Piping Desc: Pipe trench liner  
 Category: Secondary Containment  
 Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Pressurized piping system  
 Category: Miscellaneous Attributes  
 Description: Pressurized piping system

Facility ID: 8502379  
 Facility Phone: (954) 474-3979  
 Owner Id: 14745  
 Owner Name: EXXONMOBIL OIL CORP  
 Owner Address: 12265 W BAYAUD AVE #300  
 ATTN: VEEDER-ROOT CMS  
 LAKEWOOD, CO 80228

Facility Type: Retail Station  
 Facility Status: OPEN

Owner Contact: ERIC MCPHEE      Owner Phone: (303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 3      Vessel Indicator: TANK

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Tank Status Date: 28-FEB-1988

Install Date: 01-MAR-1980

Tank Construction:

Tank Id: Not reported

Construction DescNot reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Facility ID: 8502379

Facility Type: Retail Station

Facility Phone: (954) 474-3979

Facility Status: OPEN

Owner Id: 14745

Owner Name: EXXONMOBIL OIL CORP

Owner Address: 12265 W BAYAUD AVE #300

ATTN: VEEDER-ROOT CMS

LAKEWOOD, CO 80228

Owner Contact: ERIC MCPHEE

Owner Phone: (303) 986-8011

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 3R1

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: In service

Tank Status Date: Not reported

Install Date: 01-FEB-1988

Tank Construction:

Tank Id: 3R1

Construction DescBall check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 3R1

Construction DescFiberglass

Category: Primary Construction

Description: Fiberglass

Tank Id: 3R1

Construction DescSpill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Petro Monitoring:

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

Monitoring Desc: Automatic tank gauging - USTs

Category: Tank Monitoring

Description: Auto tank gauging system

Monitoring Desc: Mechanical line leak detector

Category: Piping Monitoring

Description: Line leak detector with flow restrictor

Monitoring Desc: Visual inspect dispenser liners

Category: Miscellaneous

Description: Visual Inspection of Dispenser Liners

Tank Piping:

Piping Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Piping Desc: Pipe trench liner

Category: Secondary Containment

Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Pressurized piping system

Category: Miscellaneous Attributes

Description: Pressurized piping system

Facility ID: 8502379

Facility Phone: (954) 474-3979

Owner Id: 14745

Owner Name: EXXONMOBIL OIL CORP

Owner Address: 12265 W BAYAUD AVE #300

ATTN: VEEDER-ROOT CMS

LAKEWOOD, CO 80228

Owner Contact: ERIC MCPHEE

Facility Type:

Retail Station

Facility Status:

OPEN

Owner Phone:

(303) 986-8011

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 4R1

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 10000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date:

Not reported

Install Date: 01-FEB-1988

Tank Construction:

Tank Id: 4R1

Construction Desc: Ball check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 4R1

Construction Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Tank Id: 4R1

Construction Desc: Spill containment bucket

Category: Overfill/Spill

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02-CVF (Continued)**

**U001342574**

Description: Spill containment bucket  
Petro Monitoring:  
Monitoring Desc: Automatic tank gauging - USTs  
Category: Tank Monitoring  
Description: Auto tank gauging system  
  
Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor  
  
Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners  
Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass  
  
Piping Desc: Pipe trench liner  
Category: Secondary Containment  
Description: Syn or box/trench liner in piping excvtn/cnmt area  
  
Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

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**SHELL S/S/ #209-2080-0167  
2400 S UNIVERSITY DR  
DAVIE, FL 33324**

**Broward Co. EDIEAR S103271645  
N/A**

FL BROWARD COUNTY EDIEAR:  
Facility ID: 1873  
Region: BROWARD  
Facility Type: GAS STATION  
Facility Department: 068502435  
Program Type: FDEP  
Pollutant Type: PETROLEUM  
Lead Agency: BCDPEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

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**FL DEPT OF TRANSPORTATION  
6950 HWY 84  
DAVIE, FL 33317**

**LUST U001342795  
UST N/A**

LUST:  
Facility ID: 8622344 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: Not reported Township: Not reported  
Range: Not reported Lat/long: 26° 5' 35" / 80° 13' 45"  
Facility Status: CLOSED Facility Type: Fuel User / Non-retail  
Operator: FL DEPT OF TRANSPORTATION

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)Site

EDR ID Number  
 EPA ID Number

Database(s)

**FL DEPT OF TRANSPORTATION (Continued)**

**U001342795**

Facility Phone:	Not reported		
Related Party:	FL DEPT OF TRANSPORTATION DIST 4		
Related Party Addr:	3400 W COMMERCIAL BLVD ATTN: DESMOND TILLES FORT LAUDERDALE, FL 33309		
RP Bad Address:	No		
Related Party ID:	24716	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	DESMOND L TILLES SC 436 7600		
Related Party Phone:	(954) 776-4300		
Related Party Begin:	05/01/91	Contamination ID:	9748
Name Update:	Not reported	Address Update:	06/23/99
Facility Cleanup Status:	Not Required (Explanation: All related discharges either did not require cleanup per Chapter 17-770 rule, or no contamination was found by inspection)		
Facility Cleanup Score:	Not reported		
Facility Cleanup Rank:	Not reported		
Discharge ID:	11324		
Clean Up Work Status:	COMPLETED		
Discharge Date:	04/20/88		
Pct Discharge Combined With:	11324		
Discharge Cleanup Status:	Cleanup Not Required (Explanation: Cleanup Not Required by Chapter 17-770 Rules)		
Discharge Cleanup Status Date:	05/29/01		
Clean Up Required by 62-770:	No Cleanup Required		
Information Source:	EDI		
Other Source Description:	Not reported		
Discharge Lead Agency:	Local Program		
Score Effective Date:	Not reported		
Inspection Date:	09/28/88		
Contaminated Media ID:	Not reported		
Contaminated Drinking Wells:	Not reported		
Contaminated Soil:	Not reported		
Contaminated Surface Water:	Not reported		
Contaminated Ground Water:	Not reported		
Contaminated Monitoring Well:	Not reported		
Pollutant ID:	14308		
Pollutant Substance:	Vehicular diesel		
Substance Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	Not reported		
Cleanup Eligibility Id:	12087		
Cleanup Program:	Early Detection Initiative		
Cleanup Lead :	State		
Application Recvd Date:	07/08/88		
Letter of Intent Date:	Not reported		
Eligibility Status:	12/12/88		
Eligibility Status Date:	I		
Redetermined:	No		
Eligibility Letter Sent:	12/12/88		
RAP Task ID:	26636		
RAP Cleanup Responsible:	State		
RAP Order Completion Date:	Not reported		
RAP Actual Completion Date:	Not reported		
RAP Payment Date:	Not reported		
RAP Actual Cost:	Not reported		
RA Task ID:	26637		



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FL DEPT OF TRANSPORTATION (Continued)**

**U001342795**

RA Cleanup Responsible:	State
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	26635
SA Cleanup Responsible:	State
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	26634
SR Cleanup Responsible:	State
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	Not reported
Score Ranked :	Not reported
Score Effective :	Not reported
Rank :	Not reported
Cleanup Status :	Not reported
Facility Status :	Not reported
Type :	Not reported
Facility Phone :	Not reported
Operator :	Not reported
Name Update :	Not reported
Address Update :	Not reported
Primary Responsible Party Id :	Not reported
Primary Responsible Party Role :	Not reported
Responsible Party Begin Date :	Not reported
Responsible Party Name :	Not reported
Responsible Party Address:	Not reported
Responsible Party Phone :	Not reported
Contact :	Not reported
Responsible Party Bad Address :	Not reported

**UST:**

Facility ID:	8622344	Facility Type:	Fuel User / Non-retail
Facility Phone:	Not reported	Facility Status:	CLOSED
Owner Id:	24716		
Owner Name:	FL DEPT OF TRANSPORTATION DIST 4		
Owner Address:	3400 W COMMERCIAL BLVD ATTN: DESMOND TILLES		

MAP FINDINGS

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

FL DEPT OF TRANSPORTATION (Continued)

U001342795

FORT LAUDERDALE, FL 33309			
Owner Contact:	DESMOND L TILLES SC 436 7600	Owner Phone:	(954) 776-4300
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	8000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	30-APR-1988
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8622344	Facility Type:	Fuel User / Non-retail
Facility Phone:	Not reported	Facility Status:	CLOSED
Owner Id:	24716		
Owner Name:	FL DEPT OF TRANSPORTATION DIST 4		
Owner Address:	3400 W COMMERCIAL BLVD ATTN: DESMOND TILLES FORT LAUDERDALE, FL 33309		
Owner Contact:	DESMOND L TILLES SC 436 7600	Owner Phone:	(954) 776-4300
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	3000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	30-APR-1988
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FL DEPT OF TRANSPORTATION (Continued)**

**U001342795**

Category: Not reported  
Description: Not reported

48

**DRYCLEAN USA #82**  
**2317 SOUTH UNIVERSITY DRIVE**  
**DAVIE, FL 33324**

**DRY CLEANERS**  
**PRIORITYCLEANERS**

**S103119582**  
**N/A**

**DRYCLN:**

Facility Status:	CLOSED	Start Date:	12/12/96
Facility ID:	9602615	Facility Tel:	Not reported
Facility Type:	Drycleaner	Contact:	RUTH FULTZ
Owner ID:	39025		
Address:	7771 W OAKLAND PARK BLVD #201 SUNRISE, FL 3332		
Owner Role:	ACCOUNT OWNER	RP Phone:	(954) 747-7599
Facility Status:	CLOSED	Start Date:	12/12/96
Facility ID:	9602615	Facility Tel:	Not reported
Facility Type:	Drycleaner	Contact:	RUTH FULTZ
Owner ID:	39025		
Address:	7771 W OAKLAND PARK BLVD #201 SUNRISE, FL 3332		
Owner Role:	FACILITY OWNER	RP Phone:	(954) 747-7599
Facility Status:	CLOSED	Start Date:	12/12/96
Facility ID:	9602615	Facility Tel:	Not reported
Facility Type:	Drycleaner	Contact:	WILSON B GREATON
Owner ID:	45067		
Address:	PO BOX 39238 FORT LAUDERDALE, FL 3332		
Owner Role:	PROPERTY OWNER	RP Phone:	(954) 561-0313

**PRIORITY CLEANERS:**

Facility ID :	9602615	Score :	130
Rank :	T	Voluntary :	Not reported
SRCO Date :	Not reported		

48

**DRY CLEAN USA**  
**2317 S UNIVERSITY DR**  
**DAVIE, FL 33324**

**Broward Co. EDIEAR**

**S103271686**  
**N/A**

**FL BROWARD COUNTY EDIEAR:**

Facility ID:	3557
Region:	BROWARD
Facility Type:	DRY CLEANER
Facility Department:	069602615
Program Type:	DRY-CLNR
Pollutant Type:	CHLORINATED
Lead Agency:	DEP
Site Studies:	Not reported
Remedy Selected:	No
Remedy Design:	No
Cleanup Ongoing:	No
Project Completed:	No
Environmental Assessment	Remediation License: Not reported
Wellfield Site:	Yes
Wellfield Site 2:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

49      **TRANSFER/RECYCLING--LARRY O'CONNOR**      **SWF/LF**      **S102656948**  
7061 SW 22 COURT      **N/A**  
DAVIE, FL

LF:

Facility ID:	55158	Facility Type:	Not reported
Address:	Not reported		
	Not reported		
GMS_ID:	5006P06295	District:	SED
Owner Type:	PRIVATE		
Liner Type:	Not reported	Location Type:	Not reported
Section:	--		
Class Type:	MATERIAL RECOVERY		
Lat/Long:	26:5:29.92 / 80:13:15.75		

49      **TRANSFER/RECYCLING SERVICES**      **SWF/LF**      **S101011702**  
7060 S.W. 22 ND COURT      **N/A**  
DAVIE, FL

LF:

Facility ID:	54000	Facility Type:	Not reported
Address:	Not reported		
	Not reported		
GMS_ID:	5006P01814	District:	SED
Owner Type:	PRIVATE		
Liner Type:	Not reported	Location Type:	Not reported
Section:	03-50S-41		
Class Type:	TRANSFER STATION		
Lat/Long:	26:4:47 / 80:19:15		

50      **2496 BIMINI LANE**      **SPILLS**      **S105185723**  
**FORT LAUDEDALE, FL**      **N/A**

SPILLS:

Incident Number:	99-02-0233Z
Date Reported:	11/29/1999
Amount Spilled:	0.00
NFA Date:	11/29/1999
RP / Owner Identified:	No
Pollutant:	Fiberglass
Substance Spilled:	Fiberglass
Amount Spilled:	0.00
Amount Spilled:	0.00

51      **SFWM-D-FT LAUD FIELD STATION**      **UST**      **U003111502**  
**2535 DAVIE RD**      **BROWARD CO. HM**      **N/A**  
**DAVIE, FL 33314**

HAZMAT:

Document Id: 9511

UST:

Facility ID:	9601512	Facility Type:	State Government
Facility Phone:	(954) 452-4814	Facility Status:	OPEN
Owner Id:	20374		
Owner Name:	SOUTH FL WATER MGMT DISTRICT		
Owner Address:	PO BOX 24680		
	ATTN: JEFFREY SMITH		
	WEST PALM BEACH, FL 33416		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SFWMD-FT LAUD FIELD STATION (Continued)**

**U003111502**

Owner Contact: JEFFREY A SMITH	Owner Phone: (561) 682-2516
Tank Content Desc: State Government	
Type Description: State Government	
Tank Id: 2	Vessel Indicator: TANK
Tank Location: UNDERGROUND	
Substance:	
Description: Vehicular diesel	
Gallons: 6000	
Category: Vehicular Fuels	
Regulation Began: 1986-07-01	
Tank Status: In service	Tank Status Date: 01-APR-1996
Install Date: 01-APR-1996	
Tank Construction:	
Tank Id: 2	
Construction Desc: Fiberglass	
Category: Primary Construction	
Description: Fiberglass	
 Tank Id: 2	
Construction Desc: Flow shut-Off	
Category: Overfill/Spill	
Description: Flow shut off	
 Tank Id: 2	
Construction Desc: Spill containment bucket	
Category: Overfill/Spill	
Description: Spill containment bucket	
 Tank Id: 2	
Construction Desc: Double wall	
Category: Secondary Containment	
Description: Dbl wall; single mat; out trnk amt = in tmk mat	
Petro Monitoring:	
Monitoring Desc: Automatic tank gauging - USTs	
Category: Tank Monitoring	
Description: Auto tank gauging system	
 Monitoring Desc: Electronic monitor pipe sumps	
Category: Miscellaneous	
Description: Electronic Monitoring of Piping Sumps	
 Monitoring Desc: Monitor dbl wall pipe space	
Category: Piping Monitoring	
Description: Interstitial space - Double Walled piping	
 Monitoring Desc: Mechanical line leak detector	
Category: Piping Monitoring	
Description: Line leak detector with flow restrictor	
 Monitoring Desc: Visual inspect dispenser liners	
Category: Miscellaneous	
Description: Visual Inspection of Dispenser Liners	
 Monitoring Desc: Monitor dbl wall tank space	
Category: Tank Monitoring	
Description: Interstitial space - Double wall tank	
Tank Piping:	

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SFWMD-FT LAUD FIELD STATION (Continued)

U003111502

Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pipe trench liner  
Category: Secondary Containment  
Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 9601512 Facility Type: State Government  
Facility Phone: (954) 452-4814 Facility Status: OPEN  
Owner Id: 20374  
Owner Name: SOUTH FL WATER MGMT DISTRICT  
Owner Address: PO BOX 24680

ATTN: JEFFREY SMITH  
WEST PALM BEACH, FL 33416  
Owner Contact: JEFFREY A SMITH Owner Phone: (561) 682-2516

Tank Content Desc:State Government  
Type Description: State Government  
Tank Id: 3 Vessel Indicator: TANK  
Tank Location: UNDERGROUND

Substance:  
Description: Diesel-emergen generator  
Gallons: 5000  
Category: Petroleum Pollutant  
Regulation Began:1991-04-01  
Tank Status: In service Tank Status Date: 01-APR-1996  
Install Date: 01-APR-1996

Tank Construction:  
Tank Id: 3  
Construction Desc:Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Tank Id: 3  
Construction DescDouble wall  
Category: Secondary Containment  
Description: Dbl wall; single mat; out tnk amt = in tnk mat

Tank Id: 3  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 3  
Construction DescFlow shut-Off

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SFWMD-FT LAUD FIELD STATION (Continued)**

**U003111502**

Category: Overfill/Spill  
Description: Flow shut off

**Petro Monitoring:**

Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank

Monitoring Desc: Monitor dbl wall pipe space  
Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping

Monitoring Desc: Automatic tank gauging - USTs  
Category: Tank Monitoring  
Description: Auto tank gauging system

Monitoring Desc: Mechanical line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with flow restrictor

**Tank Piping:**

Piping Desc: Steel/galvanized metal  
Category: Primary Construction  
Description: Steel or Galvanized Metal

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pipe trench liner  
Category: Secondary Containment  
Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Suction piping system  
Category: Miscellaneous Attributes  
Description: Suction piping system

Facility ID: 9601512  
Facility Phone: (954) 452-4814  
Owner Id: 20374  
Owner Name: SOUTH FL WATER MGMT DISTRICT  
Owner Address: PO BOX 24680

Facility Type: State Government  
Facility Status: OPEN

ATTN: JEFFREY SMITH  
WEST PALM BEACH, FL 33416

Owner Contact: JEFFREY A SMITH

Owner Phone: (561) 682-2516

Tank Content Desc: State Government

Type Description: State Government

Tank Id: 1

Vessel Indicator: TANK

Tank Location: UNDERGROUND

**Substance:**

Description: Unleaded gas  
Gallons: 6000  
Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: 01-APR-1996

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SFWMD-FT LAUD FIELD STATION (Continued)**

**U003111502**

Install Date: 01-APR-1996  
 Tank Construction:  
   Tank Id: 1  
   Construction Desc: Fiberglass  
   Category: Primary Construction  
   Description: Fiberglass

  Tank Id: 1  
   Construction Desc: Double wall  
   Category: Secondary Containment  
   Description: Dbl wall; single mat; out tnk amt = in tnk mat

  Tank Id: 1  
   Construction Desc: Spill containment bucket  
   Category: Overfill/Spill  
   Description: Spill containment bucket

  Tank Id: 1  
   Construction Desc: Flow shut-Off  
   Category: Overfill/Spill  
   Description: Flow shut off

Petro Monitoring:  
   Monitoring Desc: Electronic monitor pipe sumps  
   Category: Miscellaneous  
   Description: Electronic Monitoring of Piping Sumps

  Monitoring Desc: Visual inspect dispenser liners  
   Category: Miscellaneous  
   Description: Visual Inspection of Dispenser Liners

  Monitoring Desc: Monitor dbl wall tank space  
   Category: Tank Monitoring  
   Description: Interstitial space - Double wall tank

  Monitoring Desc: Mechanical line leak detector  
   Category: Piping Monitoring  
   Description: Line leak detector with flow restrictor

  Monitoring Desc: Monitor dbl wall pipe space  
   Category: Piping Monitoring  
   Description: Interstitial space - Double Walled piping

  Monitoring Desc: Automatic tank gauging - USTs  
   Category: Tank Monitoring  
   Description: Auto tank gauging system

Tank Piping:  
   Piping Desc: Fiberglass  
   Category: Primary Construction  
   Description: Fiberglass

  Piping Desc: Double wall  
   Category: Secondary Containment  
   Description: Dbl wall; single mat; out pipe mat = in pip mat

  Piping Desc: Pipe trench liner  
   Category: Secondary Containment  
   Description: Syn or box/trench liner in piping excvtn/cnmt area



MAP FINDINGS

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

**SFWMD-FT LAUD FIELD STATION (Continued)**
**U003111502**

Piping Desc: Pressurized piping system  
 Category: Miscellaneous Attributes  
 Description: Pressurized piping system

**FL UST Broward County:**

Location ID: 587552  
 Install Date: 5\30\96  
 Tank Size: 6000.0000  
 Tank Type: UG  
 State ID: 069601512

Location ID: 587552  
 Install Date: 5\30\96  
 Tank Size: 6000.0000  
 Tank Type: UG  
 State ID: 069601512

Location ID: 587552  
 Install Date: 5\30\96  
 Tank Size: 5000.0000  
 Tank Type: UG  
 State ID: 069601512

51	<b>ARNET PHARMACEUTICAL CORP</b> <b>2525 DAVIE RD</b> <b>DAVIE, FL 33317</b>	<b>BROWARD CO. HM</b>	<b>S105212925</b> <b>N/A</b>
	HAZMAT: Document Id: 2834		

51	<b>F J H MUSIC COMPANY INC, THE</b> <b>2525 DAVIE RD</b> <b>DAVIE, FL 33317</b>	<b>BROWARD CO. HM</b>	<b>S105212522</b> <b>N/A</b>
	HAZMAT: Document Id: 2741		

52	<b>7538 NOVA DRIVE</b> <b>DAVIE, FL</b>	<b>SPILLS</b>	<b>S105191603</b> <b>N/A</b>
	<b>SPILLS:</b> Incident Nunmber: 01-2I-0395Z Date Reported: 10/8/2001 Amount Spilled: 0.00 NFA Date: 10/8/2001 RP / Owner Identified: No Pollutant: Unknown brown powder Substance Spilled: Unknown brown powder Amount Spilled: 0.00 Amount Spilled: 0.00		

53	<b>GARRISON'S REPAIR WEST</b> <b>5420 SR 84</b> <b>DAVIE, FL 33314</b>	<b>BROWARD CO. HM</b>	<b>S104521148</b> <b>N/A</b>
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MAP FINDINGS

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

**GARRISON'S REPAIR WEST (Continued)**
**S104521148**

HAZMAT:  
Document Id: 7538

53 **TUNE-RITE AUTOMOTIVE**  
**5460 SR 84**  
**DAVIE, FL 33314**

**BROWARD CO. HM**
**S102631849**  
**N/A**

HAZMAT:  
Document Id: 7538

53 **FRANKIES AUTO PAINTING**  
**5340 SR 84 #5**  
**FORT LAUDERDALE, FL 33314**

**RCRIS-SQG**  
**FINDS**
**1000450056**  
**FLD984174953**

RCRIS:  
Owner: FRANK ASARO  
(305) 587-2070  
EPA ID: FLD984174953  
Contact: FRANK ASARO  
(305) 587-2070  
  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

53 **FRANKIE AUTO PAINTING**  
**5340 STATE RD 84 BAY #5**  
**DAVIE, FL 33314**

**RCRIS-SQG**  
**FINDS**
**1000316822**  
**FLD982122566**

RCRIS:  
Owner: FRANK ASARO  
(305) 587-2070  
EPA ID: FLD982122566  
Contact: FRANK ASARO  
(305) 587-2070  
  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Site	Database(s)	EDR ID Number	EPA ID Number
53				<b>TOM DONAHUE'S AUTO BODY &amp; VETTE</b> 5340 SR 84 DAVIE, FL 33314	BROWARD CO. HM	S101224322 N/A	
				HAZMAT: Document Id: 7532			
53				<b>GLENN'S AUTOMOTIVE INC</b> 5320 SR 84 DAVIE, FL 33314	BROWARD CO. HM	S102632334 N/A	
				HAZMAT: Document Id: 7538			
53				<b>TRANSTECH</b> 5410 W SR 84 DAVIE, FL 33314	BROWARD CO. HM	S104520957 N/A	
				HAZMAT: Document Id: 7537			
54				<b>C &amp; L DREDGING CO.</b>  BROWARD (County), FL	MINES	M100018541 N/A	
				U.S. MINES: Mine ID: 0800038 Entity Name: DIMAR PIT State FIPS code: 12 Status Date: 08/24/1990 Operation Class: Non-coal mining Number of Pits: 000 Latitude: 26 05 22	SIC Codes: 14410 00000 00000 00000 00000 00000 Company: C & L DREDGING CO. County FIPS code: 011 Status: permanently abandoned Number of Shops: 0 Number of Plants: 0 Longitude: 080 13 30		
54				<b>DI MAR INDUSTRIES</b>  BROWARD (County), FL	MINES	M100018631 N/A	
				U.S. MINES: Mine ID: 0800133 Entity Name: FERNCREST MINING QUA State FIPS code: 12 Status Date: 05/21/1975 Operation Class: Non-coal mining Number of Pits: 000 Latitude: 26 05 23	SIC Codes: 14220 00000 00000 00000 00000 00000 Company: DI MAR INDUSTRIES County FIPS code: 011 Status: Full-time permanent Number of Shops: 0 Number of Plants: 0 Longitude: 080 13 30		
55				<b>WHEELS OF AMERICA</b> 1970 SR 84 FORT LAUDERDAL, FL 33315	LUST UST	U001344062 N/A	
				LUST: Facility ID: 9100971 Facility District: SE Section: 021 Range: 42E Facility Status: CLOSED Operator: SOUTHEAST BANK Facility Phone: (305) 766-2780	Region: STATE Facility County: BROWARD Township: 50S Lat/long: 26° 5' 20" / 80° 10' 0" Facility Type: Fuel User / Non-retail		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number  
EPA ID Number

**WHEELS OF AMERICA (Continued)**

**U001344062**

Related Party:	SOUTHEAST BANK	
Related Party Addr:	500 E BROWARD BLVD STE #1200	
	FORT LAUDERDALE, FL 33394 - 3093	
RP Bad Address:	Yes	
Related Party ID:	20246	Related Party Role: ACCOUNT OWNER
Related Prty Contact:	THOMAS P OLSON	
Related Party Phone:	(305) 766-2780	
Related Party Begin:	03/18/91	Contamination ID: 9284
Name Update:	Not reported	Address Update: Not reported
Facility Cleanup Status:	Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)	
Facility Cleanup Score:	10	
Facility Cleanup Rank:	9851	
Discharge ID:	10760	
Clean Up Work Status:	INACTIVE	
Discharge Date:	02/26/91	
Pct Discharge Combined With:	10760	
Discharge Cleanup Status:	Eligible - No Task Level Data	
Discharge Cleanup Status Date:	10/09/00	
Clean Up Required by 62-770:	New Cleanup Required	
Information Source:	Abandoned Tank Restoration	
Other Source Description:	Not reported	
Discharge Lead Agency:	Local Program	
Score Effective Date:	01/06/98	
Inspection Date:	05/15/91	
Contaminated Media ID:	Not reported	
Contaminated Drinking Wells:	Not reported	
Contaminated Soil:	Not reported	
Contaminated Surface Water:	Not reported	
Contaminated Ground Water:	Not reported	
Contaminated Monitoring Well:	Not reported	
Pollutant ID:	13742	
Pollutant Substance:	Unknown/Not reported	
Substance Category:	Vehicular Fuels	
Regulation Began:	1986-07-01	
Pollutant Other Description:	Not reported	
Gallons Discharged:	Not reported	
Score:	10	
Cleanup Eligibility Id:	11512	
Cleanup Program:	Abandoned Tank Restoration Program	
Cleanup Lead :	Reimbursement	
Application Recvd Date:	03/14/91	
Letter of Intent Date:	03/14/91	
Eligibility Status:	08/07/91	
Eligibility Status Date:	E	
Redetermined:	No	
Eligibility Letter Sent:	08/07/91	
RAP Task ID:	Not reported	
RAP Cleanup Responsible:	Not reported	
RAP Order Completion Date:	Not reported	
RAP Actual Completion Date:	Not reported	
RAP Payment Date:	Not reported	
RAP Actual Cost:	Not reported	
RA Task ID:	Not reported	
RA Cleanup Responsible:	Not reported	

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WHEELS OF AMERICA (Continued)

U001344062

RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	10761
Clean Up Work Status:	COMPLETED
Discharge Date:	02/26/90
Pct Discharge Combined With:	10761
Discharge Cleanup Status:	NFA Complete (Explanation: No Further Action Status Approved)
Discharge Cleanup Status Date:	03/01/96
Clean Up Required by 62-770:	Not reported
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	Not reported
Contaminated Media ID:	8168
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Contaminated Monitoring Well:	No
Pollutant ID:	Not reported
Pollutant Substance:	Not reported
Substance Category:	Not reported
Regulation Began:	Not reported
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	10
Cleanup Eligibility Id:	11513
Cleanup Program:	Petroleum Contamination Participation Program
Cleanup Lead :	Preapproval

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WHEELS OF AMERICA (Continued)

U001344062

Application Recvd Date: Not reported  
Letter of Intent Date: Not reported  
Eligibility Status: Not reported  
Eligibility Status Date: Not reported  
Redetermined: No  
Eligibility Letter Sent: Not reported  
  
RAP Task ID: 25150  
RAP Cleanup Responsible: Responsible Party  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 25151  
RA Cleanup Responsible: Responsible Party  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: 0  
SRC Action Type: NFA  
SRC Submit Date: 09/29/95  
SRC Review Date: 03/01/96  
SRC Issue Date: 03/01/96  
SRC Status Effective Date: 03/01/96  
SRC Comment: Not reported  
SA ID: 65624  
SA Cleanup Responsible: Not reported  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: 62798  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: Yes  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: 07/18/95  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 10  
Score Effective : 11/04/97  
Rank : 9851  
Cleanup Status : CMPL  
Facility Status : CLOSED  
Type : C  
Facility Phone : (305) 766-2780  
Operator : SOUTHEAST BANK  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 20246  
Primary Responsible Party Role : ACCOUNT OWNER

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**WHEELS OF AMERICA (Continued)**

U001344062

Responsible Party Begin Date : 03/18/91  
Responsible Party Name : SOUTHEAST BANK  
Responsible Party Address: 500 E BROWARD BLVD STE #1200  
FORT LAUDERDALE, FL 33394 - 3093  
Responsible Party Phone : (305) 766-2780  
Contact : THOMAS P OLSON  
Responsible Party Bad Address : Yes

FL LUST Broward County:  
Region: BROWARD

**UST:**

Facility ID:	9100971	Facility Type:	Fuel User / Non-retail
Facility Phone:	(305) 766-2780	Facility Status:	CLOSED
Owner Id:	20246		
Owner Name:	SOUTHEAST BANK		
Owner Address:	500 E BROWARD BLVD STE #1200 FORT LAUDERDALE, FL 33394		
Owner Contact:	THOMAS P OLSON	Owner Phone:	(305) 766-2780
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	4000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	28-FEB-1991
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

Facility ID:	9100971	Facility Type:	Fuel User / Non-retail
Facility Phone:	(305) 766-2780	Facility Status:	CLOSED
Owner Id:	20246		
Owner Name:	SOUTHEAST BANK		
Owner Address:	500 E BROWARD BLVD STE #1200 FORT LAUDERDALE, FL 33394		
Owner Contact:	THOMAS P OLSON	Owner Phone:	(305) 766-2780
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	6	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	500		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**WHEELS OF AMERICA (Continued)**

**U001344062**

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Tank Status Date:

28-FEB-1991

Install Date: Not reported

Tank Construction:

Tank Id: Not reported

Construction Desc:Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Facility ID: 9100971

Facility Type:

Fuel User / Non-retail

Facility Phone: (305) 766-2780

Facility Status:

CLOSED

Owner Id: 20246

Owner Name: SOUTHEAST BANK

Owner Address: 500 E BROWARD BLVD STE #1200

FORT LAUDERDALE, FL 33394

Owner Contact: THOMAS P OLSON

Owner Phone:

(305) 766-2780

Tank Content Desc:Fuel user/Non-retail

Type Description: Fuel user/Non-retail

Tank Id: 3

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: Unknown/Not reported

Gallons: 4000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Tank Status Date:

28-FEB-1991

Install Date: Not reported

Tank Construction:

Tank Id: Not reported

Construction Desc:Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Facility ID: 9100971

Facility Type:

Fuel User / Non-retail

Facility Phone: (305) 766-2780

Facility Status:

CLOSED

Owner Id: 20246

Owner Name: SOUTHEAST BANK

Owner Address: 500 E BROWARD BLVD STE #1200

FORT LAUDERDALE, FL 33394

Owner Contact: THOMAS P OLSON

Owner Phone:

(305) 766-2780



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.) Site

EDR ID Number

Database(s) EPA ID Number

**WHEELS OF AMERICA (Continued)**

U001344062

Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 2  
Tank Location: UNDERGROUND  
Substance:  
Description: Unknown/Not reported  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Vessel Indicator: TANK

Tank Status Date: 28-FEB-1991

Facility ID: 9100971  
Facility Phone: (305) 766-2780  
Owner Id: 20246  
Owner Name: SOUTHEAST BANK  
Owner Address: 500 E BROWARD BLVD STE #1200  
FORT LAUDERDALE, FL 33394

Facility Type: Fuel User / Non-retail  
Facility Status: CLOSED

Owner Contact: THOMAS P OLSON

Owner Phone: (305) 766-2780

Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 5  
Tank Location: UNDERGROUND  
Substance:  
Description: Unknown/Not reported  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Vessel Indicator: TANK

Tank Status: Removed  
Install Date: Not reported

Tank Status Date: 28-FEB-1991

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.) Site

EDR ID Number  
Database(s)  
EPA ID Number

## WHEELS OF AMERICA (Continued)

U001344062

Facility ID: 9100971 Facility Type: Fuel User / Non-retail  
Facility Phone: (305) 766-2780 Facility Status: CLOSED  
Owner Id: 20246  
Owner Name: SOUTHEAST BANK  
Owner Address: 500 E BROWARD BLVD STE #1200  
FORT LAUDERDALE, FL 33394  
Owner Contact: THOMAS P OLSON Owner Phone: (305) 766-2780  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 4 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Unknown/Not reported  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed Tank Status Date: 28-FEB-1991  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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## ZIEGLER PROPERTY 2045 W HWY 84 FORT LAUDERDAL, FL 33312

LUST U002113282  
UST N/A

### LUST:

Facility ID: 9501505 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: Not reported Township: Not reported  
Range: Not reported Lat/long: 26° 5' 25" / 80° 10' 20"  
Facility Status: CLOSED Facility Type: Retail Station  
Operator: JACK ZIEGLER  
Facility Phone: (407) 282-6340  
Related Party: ZIEGLER, JACK  
Related Party Addr: 4505 W GOLDEN ROD RD  
ORLANDO, FL 32812  
RP Bad Address: Not reported  
Related Party ID: 39725 Related Party Role: FACILITY OWNER  
Related Party Contact: JACK ZIEGLER  
Related Party Phone: (407) 282-6340  
Related Party Begin: 03/02/95 Contamination ID: 8979  
Name Update: Not reported Address Update: 02/09/00  
Facility Cleanup Status: Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)  
Facility Cleanup Score: Not reported  
Facility Cleanup Rank: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ZIEGLER PROPERTY (Continued)**

U002113282

Discharge ID:	10408
Clean Up Work Status:	COMPLETED
Discharge Date:	06/15/94
Pct Discharge Combined With:	10408
Discharge Cleanup Status:	SRCR Complete (Explanation: Site Rehabilitation Completion Report has been Approved)
Discharge Cleanup Status Date:	10/07/98
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Bureau of Waste Cleanup
Score Effective Date:	01/06/98
Inspection Date:	04/21/95
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	13344
Pollutant Substance:	Unknown/Not reported
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	9
Cleanup Eligibility Id:	11151
Cleanup Program:	Abandoned Tank Restoration Program
Cleanup Lead :	State
Application Recvd Date:	02/01/95
Letter of Intent Date:	Not reported
Eligibility Status:	06/28/95
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	06/28/95
RAP Task ID:	24756
RAP Cleanup Responsible:	State
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	24757
RA Cleanup Responsible:	State
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	0
SRC Action Type:	SRCR
SRC Submit Date:	09/14/98
SRC Review Date:	09/15/98
SRC Issue Date:	09/30/98
SRC Status Effective Date:	10/07/98
SRC Comment:	Not reported
SA ID:	24755
SA Cleanup Responsible:	State
SA Actual Completion Date:	04/10/97
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	67875
SR Cleanup Responsible:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ZIEGLER PROPERTY (Continued)**

U002113282

SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: 02/20/97  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported

County Code : Not reported  
Score Ranked : Not reported  
Score Effective : Not reported  
Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

**UST:**

Facility ID: 9501505  
Facility Phone: (407) 282-6340  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported  
Tank Content Desc:Retail Station  
Type Description: Retail Station  
Tank Id: 1  
Tank Location: UNDERGROUND  
Substance:  
Description: Leaded gas  
Gallons: Not reported  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction DescNot reported  
Category: Not reported  
Description: Not reported

Facility Type: Retail Station  
Facility Status: CLOSED

Owner Phone: Not reported

Vessel Indicator: TANK

Tank Status Date: 01-OCT-1999

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ZIEGLER PROPERTY (Continued)**

U002113282

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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**U-HAUL CENTER  
1840 W SR 84  
FT LAUDERDALE, FL 33315**

**LUST U001342715  
UST N/A**

**LUST:**

Facility ID:	8502822	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 5' 18" / 80° 9' 57"
Facility Status:	CLOSED	Facility Type:	Fuel User / Non-retail
Operator:	ROBERT SHERMAN		
Facility Phone:	(305) 525-4140		
Related Party:	U-HAUL CO OF SOUTHERN FL		
Related Party Addr:	801 SW 12TH AVE POMPANO BEACH, FL 33069 - 4529		

RP Bad Address:	No	Related Party Role:	ACCOUNT OWNER
Related Party ID:	22539		

Related Prty Contact: FRANK GRAV  
Related Party Phone: (305) 781-3822  
Related Party Begin: 05/20/94  
Name Update: Not reported

Contamination ID: 9784  
Address Update: 01/14/99

Facility Cleanup Status: Not Required (Explanation: All related discharges either did not require cleanup per Chapter 17-770 rule, or no contamination was found by inspection)

Facility Cleanup Score: Not reported  
Facility Cleanup Rank: Not reported

Discharge ID: 11371  
Clean Up Work Status: COMPLETED  
Discharge Date: 12/21/88  
Pct Discharge Combined With: 11371  
Discharge Cleanup Status: Cleanup Not Required (Explanation: Cleanup Not Required by Chapter 17-770 Rules)  
Discharge Cleanup Status Date: 05/29/01  
Clean Up Required by 62-770: No Cleanup Required  
Information Source: EDI  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: Not reported  
Inspection Date: 04/12/90  
Contaminated Media ID: Not reported  
Contaminated Drinking Wells: Not reported  
Contaminated Soil: Not reported  
Contaminated Surface Water: Not reported  
Contaminated Ground Water: Not reported  
Contaminated Monitoring Well: Not reported  
Pollutant ID: 14356  
Pollutant Substance: Z  
Substance Category: Exempt Substances  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

U-HAUL CENTER (Continued)

U001342715

Score:	Not reported
Cleanup Eligibility Id:	12137
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	State
Application Recvd Date:	12/28/88
Letter of Intent Date:	Not reported
Eligibility Status:	07/31/90
Eligibility Status Date:	I
Redetermined:	No
Eligibility Letter Sent:	07/31/90
RAP Task ID:	26768
RAP Cleanup Responsible:	State
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	26769
RA Cleanup Responsible:	State
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	26767
SA Cleanup Responsible:	State
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	26766
SR Cleanup Responsible:	State
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	Not reported
Score Ranked :	Not reported
Score Effective :	Not reported
Rank :	Not reported
Cleanup Status :	Not reported
Facility Status :	Not reported
Type :	Not reported
Facility Phone :	Not reported
Operator :	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**U-HAUL CENTER (Continued)**

U001342715

Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

**UST:**

Facility ID: 8502822  
Facility Phone: (305) 525-4140  
Owner Id: 22539  
Owner Name: U-HAUL CO OF SOUTHERN FL  
Owner Address: 801 SW 12TH AVE  
POMPANO BEACH, FL 33069  
Owner Contact: FRANK GRAV  
Tank Content Desc:Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 2R1  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 6000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: 01-DEC-1986  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility Type: Fuel User / Non-retail  
Facility Status: CLOSED

Owner Phone: (305) 781-3822

Vessel Indicator: TANK

Tank Status Date: 01-NOV-1998

Facility ID: 8502822  
Facility Phone: (305) 525-4140  
Owner Id: 22539  
Owner Name: U-HAUL CO OF SOUTHERN FL  
Owner Address: 801 SW 12TH AVE  
POMPANO BEACH, FL 33069  
Owner Contact: FRANK GRAV  
Tank Content Desc:Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 1  
Tank Location: UNDERGROUND  
Substance:  
Description: Leaded gas  
Gallons: 3000

Facility Type: Fuel User / Non-retail  
Facility Status: CLOSED

Owner Phone: (305) 781-3822

Vessel Indicator: TANK

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**U-HAUL CENTER (Continued)**

**U001342715**

Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	01-JAN-1976		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8502822	Facility Type:	Fuel User / Non-retail
Facility Phone:	(305) 525-4140	Facility Status:	CLOSED
Owner Id:	22539		
Owner Name:	U-HAUL CO OF SOUTHERN FL		
Owner Address:	801 SW 12TH AVE POMPANO BEACH, FL 33069		
Owner Contact:	FRANK GRAV	Owner Phone:	(305) 781-3822
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	1R1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Leaded gas		
Gallons:	3000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-JUL-1998
Install Date:	01-DEC-1986		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8502822	Facility Type:	Fuel User / Non-retail
Facility Phone:	(305) 525-4140	Facility Status:	CLOSED
Owner Id:	22539		
Owner Name:	U-HAUL CO OF SOUTHERN FL		
Owner Address:	801 SW 12TH AVE POMPANO BEACH, FL 33069		
Owner Contact:	FRANK GRAV	Owner Phone:	(305) 781-3822



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## U-HAUL CENTER (Continued)

U001342715

Tank Content Desc:Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 2 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Leaded gas  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed Tank Status Date: Not reported  
Install Date: 01-JAN-1976  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported  
FL UST Broward County:  
Location ID: 587250  
Install Date: 2/3/87  
Tank Size: 3000.0000  
Tank Type: UG  
State ID: Not reported

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## LAUDERDALE ISLES YACHT & TENNIS CLUB 2637 WHALE HARBOR LN FORT LAUDERDAL, FL 33312

LUST U000769582  
UST N/A

### LUST:

Facility ID: 9200532 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: Not reported Township: Not reported  
Range: Not reported Lat/long: 26° 5' 20" / 80° 12' 0"  
Facility Status: CLOSED Facility Type: Fuel User / Non-retail  
Operator: LAUDERDALE ISLES YACHT CLUB  
Facility Phone: (305) 583-7422  
Related Party: LAUDERDLAE ISLES YACHT CLUB  
Related Party Addr: 2637 WHALE HARBOR LN  
FORT LAUDERDALE, FL 33312

RP Bad Address: No  
Related Party ID: 12626 Related Party Role: ACCOUNT OWNER  
Related Ptry Contact: STEVEN R HALL  
Related Party Phone: (305) 583-7422  
Related Party Begin: 02/21/92 Contamination ID: 9217  
Name Update: Not reported Address Update: Not reported  
Facility Cleanup Status: Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)

Facility Cleanup Score: Not reported  
Facility Cleanup Rank: Not reported  
Discharge ID: 10682

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.) Site

EDR ID Number

Database(s) EPA ID Number

LAUDERDALE ISLES YACHT & TENNIS CLUB (Continued)

U000769582

Clean Up Work Status: COMPLETED  
Discharge Date: 11/01/91  
Pct Discharge Combined With: 10682  
Discharge Cleanup Status: NFA Complete (Explanation: No Further Action Status Approved)  
Discharge Cleanup Status Date: 08/04/93  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: Abandoned Tank Restoration  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 01/06/98  
Inspection Date: 03/06/92  
Contaminated Media ID: 8113  
Contaminated Drinking Wells: 0  
Contaminated Soil: Yes  
Contaminated Surface Water: No  
Contaminated Ground Water: Yes  
Contaminated Monitoring Well: No  
Pollutant ID: 13649  
Pollutant Substance: Leaded gas  
Substance Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: 12  
Cleanup Eligibility Id: 11433  
Cleanup Program: Abandoned Tank Restoration Program  
Cleanup Lead : State  
Application Recvd Date: 02/18/92  
Letter of Intent Date: Not reported  
Eligibility Status: 04/29/92  
Eligibility Status Date: E  
Redetermined: No  
Eligibility Letter Sent: 04/29/92  
  
RAP Task ID: 25053  
RAP Cleanup Responsible: State  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 25054  
RA Cleanup Responsible: Responsible Party  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: 0  
SRC Action Type: NFA  
SRC Submit Date: 05/26/93  
SRC Review Date: 08/04/93  
SRC Issue Date: 08/04/93  
SRC Status Effective Date: 08/04/93  
SRC Comment: Not reported  
SA ID: 25052  
SA Cleanup Responsible: Responsible Party  
SA Actual Completion Date: 08/04/93  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LAUDERDALE ISLES YACHT & TENNIS CLUB (Continued)

U000769582

SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	10682
Clean Up Work Status:	COMPLETED
Discharge Date:	11/01/91
Pct Discharge Combined With:	10682
Discharge Cleanup Status:	NFA Complete (Explanation: No Further Action Status Approved)
Discharge Cleanup Status Date:	08/04/93
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Abandoned Tank Restoration
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	03/06/92
Contaminated Media ID:	8113
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	No
Pollutant ID:	13650
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	12
Cleanup Eligibility Id:	11433
Cleanup Program:	Abandoned Tank Restoration Program
Cleanup Lead :	State
Application Recvd Date:	02/18/92
Letter of Intent Date:	Not reported
Eligibility Status:	04/29/92
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	04/29/92
RAP Task ID:	25053
RAP Cleanup Responsible:	State
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	25054
RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**LAUDERDALE ISLES YACHT & TENNIS CLUB (Continued)**

U000769582

Ra Actual Years to Complete: 0  
SRC Action Type: NFA  
SRC Submit Date: 05/26/93  
SRC Review Date: 08/04/93  
SRC Issue Date: 08/04/93  
SRC Status Effective Date: 08/04/93  
SRC Comment: Not reported  
SA ID: 25052  
SA Cleanup Responsible: Responsible Party  
SA Actual Completion Date: 08/04/93  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported

County Code : Not reported  
Score Ranked : Not reported  
Score Effective : Not reported  
Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

**UST:**

Facility ID: 9200532  
Facility Phone: (305) 583-7422  
Owner Id: 12626  
Owner Name: LAUDERDLAE ISLES YACHT CLUB  
Owner Address: 2637 WHALE HARBOR LN  
FORT LAUDERDALE, FL 33312  
Owner Contact: STEVEN R HALL  
Tank Content Desc:Fuel user/Non-retail

Facility Type:  
Facility Status:

Fuel User / Non-retail  
CLOSED

Owner Phone:

(305) 583-7422

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## LAUDERDALE ISLES YACHT & TENNIS CLUB (Continued)

U000769582

Type Description: Fuel user/Non-retail  
Tank Id: 1 Vessel Indicator: TANK  
Tank Location: UNDERGROUND  
Substance:  
Description: Generic gasoline  
Gallons: 2000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed Tank Status Date: 30-NOV-1991  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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## INFINITY YACHTS 2701 REESE RD DAVIE, FL 33314

RCRIS-SQG 1000461107  
FINDS FLD984188110

### RCRIS:

Owner: HARRY SCHOELL  
(305) 791-8259  
EPA ID: FLD984188110  
Contact: HARRY SCHOELL  
(305) 791-8259

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

### Violation Status: Violations exist

Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 03/22/1991  
Actual Date Achieved Compliance: 09/25/1992  
Enforcement Action: DEP NOTICE OF VIOLATION (NOV)  
Enforcement Action Date: 03/22/1991  
Penalty Type: Final Monetary Penalty  
Enforcement Action: DEP SHORT FORM CONSENT ORDER  
Enforcement Action Date: 09/25/1992  
Penalty Type: Final Monetary Penalty

There are 1 violation record(s) reported at this site:

Evaluation Area of Violation  
Compliance Evaluation Inspection GENERATOR-OTHER REQUIREMENTS

Date of  
Compliance  
19920925

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## INFINITY YACHTS (Continued)

1000461107

### FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

59

**AMOCO #913-EDDIES**  
**2200 HWY 84**  
**FORT LAUDERDAL, FL 33312**

**LUST** **U001546382**  
**UST** **N/A**

### LUST:

Facility ID:	8501890	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 5' 15" / 80° 10' 20"
Facility Status:	CLOSED	Facility Type:	Retail Station
Operator:	EDWARD MCGLYNN		
Facility Phone:	(305) 583-7960		
Related Party:	BP PRODUCTS NORTH AMERICA INC		
Related Party Addr:	8736 W COMMERCIAL HWY LAUDERHILL, FL 33351		

RP Bad Address:	No	Related Party Role:	ACCOUNT OWNER
Related Party ID:	778		

Related Ptry Contact: RICARDO ALVEAR

Related Party Phone: (954) 578-2100

Related Party Begin: 05/20/94

Name Update: 03/25/99

Contamination ID: 23305

Address Update: 10/22/99

Facility Cleanup Status: Ongoing (Explanation: At least one cleanup activity is in progress at a related discharge)

Facility Cleanup Score: 10

Facility Cleanup Rank: 9851

Discharge ID: 52854

Clean Up Work Status: ACTIVE

Discharge Date: 01/02/01

Pct Discharge Combined With: 52854

Discharge Cleanup Status: RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)

Discharge Cleanup Status Date: 05/20/02

Clean Up Required by 62-770: New Cleanup Required

Information Source: Discharge Notification

Other Source Description: Not reported

Discharge Lead Agency: Local Program

Score Effective Date: 05/13/02

Inspection Date: 02/02/01

Contaminated Media ID: 21851

Contaminated Drinking Wells: Not reported

Contaminated Soil: Yes

Contaminated Surface Water: Not reported

Contaminated Ground Water: Yes

Contaminated Monitoring Well: Yes

Pollutant ID: 35634

Pollutant Substance: Unleaded gas

Substance Category: Vehicular Fuels

Regulation Began: 1986-07-01

Pollutant Other Description: Not reported

Gallons Discharged: Not reported

Score: 10

Cleanup Eligibility Id: Not reported

Cleanup Program: Not reported

Cleanup Lead : Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**AMOCO #913-EDDIES (Continued)**

U001546382

Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	68184
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	67292
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	6
Score Ranked :	10
Score Effective :	05/13/02
Rank :	9851
Cleanup Status :	ONGO
Facility Status :	CLOSED
Type :	A
Facility Phone :	(305) 583-7960
Operator :	EDWARD MCGLYNN
Name Update :	03/25/99
Address Update :	10/22/99
Primary Responsible Party Id :	778
Primary Responsible Party Role :	ACCOUNT OWNER

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

AMOCO #913-EDDIES (Continued)

U001546382

Responsible Party Begin Date : 05/20/94  
Responsible Party Name : BP PRODUCTS NORTH AMERICA INC  
Responsible Party Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351  
Responsible Party Phone : (954) 578-2100  
Contact : RICARDO ALVEAR  
Responsible Party Bad Address : No

UST:

Facility ID:	8501890	Facility Type:	Retail Station
Facility Phone:	(305) 583-7960	Facility Status:	CLOSED
Owner Id:	778		
Owner Name:	BP PRODUCTS NORTH AMERICA INC		
Owner Address:	8736 W COMMERCIAL HWY LAUDERHILL, FL 33351		
Owner Contact:	RICARDO ALVEAR	Owner Phone:	(954) 578-2100
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	31-JUL-1987
Install Date:	01-JUN-1983		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

Facility ID:	8501890	Facility Type:	Retail Station
Facility Phone:	(305) 583-7960	Facility Status:	CLOSED
Owner Id:	778		
Owner Name:	BP PRODUCTS NORTH AMERICA INC		
Owner Address:	8736 W COMMERCIAL HWY LAUDERHILL, FL 33351		
Owner Contact:	RICARDO ALVEAR	Owner Phone:	(954) 578-2100
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	3	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	31-JUL-1987



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## AMOCO #913-EDDIES (Continued)

U001546382

Install Date: 01-JUN-1983  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8501890  
Facility Phone: (305) 583-7960  
Owner Id: 778  
Owner Name: BP PRODUCTS NORTH AMERICA INC  
Owner Address: 8736 W COMMERCIAL HWY  
LAUDERHILL, FL 33351

Facility Type: Retail Station  
Facility Status: CLOSED

Owner Contact: RICARDO ALVEAR  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 1  
Tank Location: UNDERGROUND

Owner Phone: (954) 578-2100

Substance:  
Description: Leaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Vessel Indicator: TANK

Tank Status: Removed  
Install Date: 01-JUN-1983

Tank Status Date: 31-JUL-1987

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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BP #00368227  
2295 W SR 84  
FORT LAUDERDAL, FL 33312

LUST U001342248  
UST N/A

### LUST:

Facility ID: 8501426  
Facility District: SE  
Section: 20  
Range: 42E  
Facility Status: CLOSED  
Operator: TOMMY SMITH  
Facility Phone: (954) 587-9963

Region: STATE  
Facility County: BROWARD  
Township: 50S  
Lat/long: 26° 5' 16" / 80° 10' 22"  
Facility Type: Retail Station

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)Site

EDR ID Number  
 EPA ID Number

Database(s)

**BP #00368227 (Continued)**

**U001342248**

Related Party:	BP OIL CO - USE #778		
Related Party Addr:	PO BOX 21588 FORT LAUDERDALE, FL 33335 - 1588		
RP Bad Address:	Yes	Related Party Role:	ACCOUNT OWNER
Related Party ID:	2558		
Related Prty Contact:	JEFF TAYLOR		
Related Party Phone:	(216) 586-4610		
Related Party Begin:	05/20/94	Contamination ID:	10157
Name Update:	Not reported	Address Update:	Not reported
Facility Cleanup Status:	Ongoing (Explanation: At least one cleanup activity is in progress at a related discharge)		
Facility Cleanup Score:	12		
Facility Cleanup Rank:	8689		
Discharge ID:	11901		
Clean Up Work Status:	INACTIVE		
Discharge Date:	10/03/84		
Pct Discharge Combined With:	11901		
Discharge Cleanup Status:	RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)		
Discharge Cleanup Status Date:	10/09/00		
Clean Up Required by 62-770:	New Cleanup Required		
Information Source:	EDI		
Other Source Description:	Not reported		
Discharge Lead Agency:	Local Program		
Score Effective Date:	01/06/98		
Inspection Date:	03/24/87		
Contaminated Media ID:	8880		
Contaminated Drinking Wells:	0		
Contaminated Soil:	Yes		
Contaminated Surface Water:	No		
Contaminated Ground Water:	Yes		
Contaminated Monitoring Well:	Yes		
Pollutant ID:	15021		
Pollutant Substance:	Generic gasoline		
Substance Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	12		
Cleanup Eligibility Id:	12685		
Cleanup Program:	Early Detection Initiative		
Cleanup Lead :	Reimbursement		
Application Recvd Date:	10/29/84		
Letter of Intent Date:	07/25/86		
Eligibility Status:	04/22/88		
Eligibility Status Date:	E		
Redetermined:	No		
Eligibility Letter Sent:	04/22/88		
RAP Task ID:	28171		
RAP Cleanup Responsible:	Responsible Party		
RAP Order Completion Date:	04/07/90		
RAP Actual Completion Date:	04/07/90		
RAP Payment Date:	10/14/93		
RAP Actual Cost:	Not reported		
RA Task ID:	28172		
RA Cleanup Responsible:	Responsible Party		
RA Actual Cost:	48		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BP #00368227 (Continued)

U001342248

Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 28170  
SA Cleanup Responsible: Responsible Party  
SA Actual Completion Date: Not reported  
SA Payment Date: 09/12/90  
SA Actual Cost: Not reported  
SR Task ID: 28169  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: 09/12/90  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
County Code : 6  
Score Ranked : 12  
Score Effective : 11/04/97  
Rank : 8689  
Cleanup Status : ONGO  
Facility Status : CLOSED  
Type : A  
Facility Phone : (954) 587-9963  
Operator : TOMMY SMITH  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 2558  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/20/94  
Responsible Party Name : BP OIL CO - USE #778  
Responsible Party Address: PO BOX 21588  
FORT LAUDERDALE, FL 33335 - 1588  
Responsible Party Phone : (216) 586-4610  
Contact : JEFF TAYLOR  
Responsible Party Bad Address : Yes

UST:

Facility ID:	8501426	Facility Type:	Retail Station
Facility Phone:	(954) 587-9963	Facility Status:	CLOSED
Owner Id:	2558		
Owner Name:	BP OIL CO - USE #778		
Owner Address:	PO BOX 21588 FORT LAUDERDALE, FL 33335		
Owner Contact:	JEFF TAYLOR	Owner Phone:	(216) 586-4610

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BP #00368227 (Continued)

U001342248

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 2A

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 3000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Tank Status Date:

Not reported

Install Date: 01-SEP-1969

Tank Construction:

Tank Id: Not reported

Construction Desc:Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Facility ID: 8501426

Facility Type:

Retail Station

Facility Phone: (954) 587-9963

Facility Status:

CLOSED

Owner Id: 2558

Owner Name: BP OIL CO - USE #778

Owner Address: PO BOX 21588

FORT LAUDERDALE, FL 33335

Owner Contact: JEFF TAYLOR

Owner Phone:

(216) 586-4610

Tank Content Desc:Retail Station

Type Description: Retail Station

Tank Id: 2B

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 3000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Tank Status Date:

Not reported

Install Date: 01-SEP-1969

Tank Construction:

Tank Id: Not reported

Construction Desc:Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BP #00368227 (Continued)**

**U001342248**

Facility ID: 8501426  
Facility Phone: (954) 587-9963  
Owner Id: 2558  
Owner Name: BP OIL CO - USE #778  
Owner Address: PO BOX 21588  
FORT LAUDERDALE, FL 33335  
Owner Contact: JEFF TAYLOR  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 3  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed  
Install Date: 01-SEP-1969  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility Type: Retail Station  
Facility Status: CLOSED  
  
Owner Phone: (216) 586-4610  
  
Vessel Indicator: TANK  
  
  
Tank Status Date: Not reported

Facility ID: 8501426  
Facility Phone: (954) 587-9963  
Owner Id: 2558  
Owner Name: BP OIL CO - USE #778  
Owner Address: PO BOX 21588  
FORT LAUDERDALE, FL 33335  
Owner Contact: JEFF TAYLOR  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 3R1  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed  
Install Date: 01-JUN-1985  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported

Facility Type: Retail Station  
Facility Status: CLOSED  
  
Owner Phone: (216) 586-4610  
  
Vessel Indicator: TANK  
  
  
Tank Status Date: 31-DEC-1990

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BP #00368227 (Continued)**

**U001342248**

Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8501426  
Facility Phone: (954) 587-9963  
Owner Id: 2558  
Owner Name: BP OIL CO - USE #778  
Owner Address: PO BOX 21588  
FORT LAUDERDALE, FL 33335

Facility Type: Retail Station  
Facility Status: CLOSED

Owner Contact: JEFF TAYLOR  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 2R1  
Tank Location: UNDERGROUND

Owner Phone: (216) 586-4610

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Removed  
Install Date: 01-JUN-1985

Tank Status Date: 31-DEC-1990

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8501426  
Facility Phone: (954) 587-9963  
Owner Id: 2558  
Owner Name: BP OIL CO - USE #778  
Owner Address: PO BOX 21588  
FORT LAUDERDALE, FL 33335

Facility Type: Retail Station  
Facility Status: CLOSED

Owner Contact: JEFF TAYLOR  
Tank Content Desc: Retail Station  
Type Description: Retail Station  
Tank Id: 1A  
Tank Location: UNDERGROUND

Owner Phone: (216) 586-4610

Vessel Indicator: TANK

Substance:  
Description: Leaded gas  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Removed  
Install Date: 01-SEP-1969

Tank Status Date: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BP #00368227 (Continued)**

**U001342248**

**Tank Construction:**

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

**Petro Monitoring:**

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

**Tank Piping:**

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

Facility ID: 8501426  
Facility Phone: (954) 587-9963  
Owner Id: 2558  
Owner Name: BP OIL CO - USE #778  
Owner Address: PO BOX 21588  
FORT LAUDERDALE, FL 33335

Facility Type: Retail Station  
Facility Status: CLOSED

Owner Contact: JEFF TAYLOR

Owner Phone: (216) 586-4610

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 1B

Vessel Indicator: TANK

Tank Location: UNDERGROUND

**Substance:**

Description: Leaded gas  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Removed

Tank Status Date: Not reported

Install Date: 01-SEP-1969

**Tank Construction:**

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

**Petro Monitoring:**

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

**Tank Piping:**

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

Facility ID: 8501426  
Facility Phone: (954) 587-9963  
Owner Id: 2558  
Owner Name: BP OIL CO - USE #778  
Owner Address: PO BOX 21588  
FORT LAUDERDALE, FL 33335

Facility Type: Retail Station  
Facility Status: CLOSED

Owner Contact: JEFF TAYLOR

Owner Phone: (216) 586-4610

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 1R1

Vessel Indicator: TANK

Tank Location: UNDERGROUND

### MAP FINDINGS

Database(s)	EPA ID Number

U001342248

TC913669.1s Page 225 of 385



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SPEEDWAY/STARVIN MARVIN #0186 (Continued)**

**U001344108**

Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 5' 14" / 80° 14' 12"
Facility Status:	OPEN	Facility Type:	Retail Station
Operator:	Not reported		
Facility Phone:	Not reported		
Related Party:	PURVI PETROLEUM II LLC		
Related Party Addr:	1450 S HIAWASSEE RD #97 ORLANDO, FL 32835		
RP Bad Address:	No		
Related Party ID:	52738	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	KAL PATEL		
Related Party Phone:	(407) 257-9797		
Related Party Begin:	08/19/02	Contamination ID:	8973
Name Update:	11/06/01	Address Update:	Not reported
Facility Cleanup Status:		Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default)	
Facility Cleanup Score:	10		
Facility Cleanup Rank:	9851		
Discharge ID:	10401		
Clean Up Work Status:	INACTIVE		
Discharge Date:	09/15/95		
Pct Discharge Combined With:	10401		
Discharge Cleanup Status:	Report of Discharge Recieved		
Discharge Cleanup Status Date:	10/09/00		
Clean Up Required by 62-770:	New Cleanup Required		
Information Source:	Not reported		
Other Source Description:	Not reported		
Discharge Lead Agency:	Local Program		
Score Effective Date:	01/06/98		
Inspection Date:	10/03/95		
Contaminated Media ID:	7933		
Contaminated Drinking Wells:	0		
Contaminated Soil:	No		
Contaminated Surface Water:	No		
Contaminated Ground Water:	Yes		
Contaminated Monitoring Well:	Yes		
Pollutant ID:	13337		
Pollutant Substance:	Unleaded gas		
Substance Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	10		
Cleanup Eligibility Id:	11144		
Cleanup Program:	Other		
Cleanup Lead :	Not reported		
Application Recvd Date:	Not reported		
Letter of Intent Date:	Not reported		
Eligibility Status:	Not reported		
Eligibility Status Date:	Not reported		
Redetermined:	No		
Eligibility Letter Sent:	Not reported		
RAP Task ID:	Not reported		
RAP Cleanup Responsible:	Not reported		
RAP Order Completion Date:	Not reported		
RAP Actual Completion Date:	Not reported		

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SPEEDWAY/STARVIN MARVIN #0186 (Continued)**

**U001344108**

RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	48983
Clean Up Work Status:	INACTIVE
Discharge Date:	07/23/97
Pct Discharge Combined With:	48983
Discharge Cleanup Status:	Eligible - No Task Level Data
Discharge Cleanup Status Date:	10/09/00
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Not reported
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	07/28/97
Contaminated Media ID:	Not reported
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Contaminated Monitoring Well:	Not reported
Pollutant ID:	13336
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SPEEDWAY/STARVIN MARVIN #0186 (Continued)**

**U001344108**

Score:	10
Cleanup Eligibility Id:	11143
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	08/18/97
Letter of Intent Date:	08/18/97
Eligibility Status:	08/19/97
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	08/19/97
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	6
Score Ranked :	10
Score Effective :	11/04/97
Rank :	9851
Cleanup Status :	REPT
Facility Status :	OPEN
Type :	A
Facility Phone :	Not reported
Operator :	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SPEEDWAY/STARVIN MARVIN #0186 (Continued)**

**U001344108**

Name Update : 11/06/01  
Address Update : Not reported  
Primary Responsible Party Id : 52738  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 08/19/02  
Responsible Party Name : PURVI PETROLEUM II LLC  
Responsible Party Address: 1450 S HIAWASSEE RD #97  
ORLANDO, FL 32835  
Responsible Party Phone : (407) 257-9797  
Contact : KAL PATEL  
Responsible Party Bad Address : No

**UST:**

Facility ID:	9102585	Facility Type:	Retail Station
Facility Phone:	Not reported	Facility Status:	OPEN
Owner Id:	52738		
Owner Name:	PURVI PETROLEUM II LLC		
Owner Address:	1450 S HIAWASSEE RD #97 ORLANDO, FL 32835		
Owner Contact:	KAL PATEL	Owner Phone:	(407) 257-9797
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	12000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-AUG-1991		
Tank Construction:			
Tank Id:	1		
Construction Desc:	Ball check valve		
Category:	Overfill/Spill		
Description:	Ball Check Valve		
Tank Id:	1		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Tank Id:	1		
Construction Desc:	Tight fill		
Category:	Overfill/Spill		
Description:	Tight fill		
Tank Id:	1		
Construction Desc:	Double wall		
Category:	Secondary Containment		
Description:	Dbl wall; single mat; out tnk amt = in tnk mat		
Tank Id:	1		
Construction Desc:	Steel		
Category:	Primary Construction		
Description:	Steel		
Tank Id:	1		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SPEEDWAY/STARVIN MARVIN #0186 (Continued)**

**U001344108**

Construction Desc: Sacrificial anode CP  
Category: Corrosion Protection  
Description: Cathodically protected-sacrificial anode  
Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells  
  
Monitoring Desc: Electronic line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with electronic flow shutoff  
  
Monitoring Desc: Monitor dbl wall pipe space  
Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping  
  
Monitoring Desc: Automatic tank gauging - USTs  
Category: Tank Monitoring  
Description: Auto tank gauging system  
  
Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank  
Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass  
  
Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat  
  
Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system  
  
Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 9102585  
Facility Phone: Not reported  
Owner Id: 52738  
Owner Name: PURVI PETROLEUM II LLC  
Owner Address: 1450 S HIAWASSEE RD #97  
ORLANDO, FL 32835

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: KAL PATEL

Owner Phone: (407) 257-9797

Tank Content Desc: Retail Station

Type Description: Retail Station

Tank Id: 2

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 12000

Category: Vehicular Fuels

Regulation Began: 1986-07-01

Tank Status: In service

Tank Status Date: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SPEEDWAY/STARVIN MARVIN #0186 (Continued)**

U001344108

Install Date: 01-AUG-1991

Tank Construction:

Tank Id: 2

Construction DescBall check valve

Category: Overfill/Spill

Description: Ball Check Valve

Tank Id: 2

Construction DescDouble wall

Category: Secondary Containment

Description: Dbl wall; single mat; out tnk amt = in tmk mat

Tank Id: 2

Construction DescSpill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Tank Id: 2

Construction DescTight fill

Category: Overfill/Spill

Description: Tight fill

Tank Id: 2

Construction DescSteel

Category: Primary Construction

Description: Steel

Tank Id: 2

Construction DescSacrificial anode CP

Category: Corrosion Protection

Description: Cathodically protected-sacrificial anode

Petro Monitoring:

Monitoring Desc: Manually sampled wells

Category: External Tk Monitoring

Description: Manually Sampled Wells

Monitoring Desc: Monitor dbl wall pipe space

Category: Piping Monitoring

Description: Interstitial space - Double Walled piping

Monitoring Desc: Automatic tank gauging - USTs

Category: Tank Monitoring

Description: Auto tank gauging system

Monitoring Desc: Monitor dbl wall tank space

Category: Tank Monitoring

Description: Interstitial space - Double wall tank

Monitoring Desc: Electronic line leak detector

Category: Piping Monitoring

Description: Line leak detector with electronic flow shutoff

Tank Piping:

Piping Desc: Fiberglass

Category: Primary Construction

Description: Fiberglass

Piping Desc: Double wall

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SPEEDWAY/STARVIN MARVIN #0186 (Continued)**

**U001344108**

Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 9102585  
Facility Phone: Not reported  
Owner Id: 52738  
Owner Name: PURVI PETROLEUM II LLC  
Owner Address: 1450 S HIAWASSEE RD #97  
ORLANDO, FL 32835

Facility Type: Retail Station  
Facility Status: OPEN

Owner Contact: KAL PATEL  
Tank Content Desc:Retail Station  
Type Description: Retail Station  
Tank Id: 3  
Tank Location: UNDERGROUND

Owner Phone: (407) 257-9797

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 12000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Tank Status: In service  
Install Date: 01-AUG-1991

Tank Status Date: Not reported

Tank Construction:  
Tank Id: 3  
Construction DescBall check valve  
Category: Overfill/Spill  
Description: Ball Check Valve

Tank Id: 3  
Construction DescSacrificial anode CP  
Category: Corrosion Protection  
Description: Cathodically protected-sacrificial anode

Tank Id: 3  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 3  
Construction DescTight fill  
Category: Overfill/Spill  
Description: Tight fill

Tank Id: 3  
Construction DescDouble wall  
Category: Secondary Containment  
Description: Dbl wall; single mat; out tnk amt = in tmk mat

Tank Id: 3  
Construction DescSteel

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SPEEDWAY/STARVIN MARVIN #0186 (Continued)**

**U001344108**

Category: Primary Construction  
Description: Steel

Petro Monitoring:  
Monitoring Desc: Manually sampled wells  
Category: External Tk Monitoring  
Description: Manually Sampled Wells

Monitoring Desc: Electronic line leak detector  
Category: Piping Monitoring  
Description: Line leak detector with electronic flow shutoff

Monitoring Desc: Automatic tank gauging - USTs  
Category: Tank Monitoring  
Description: Auto tank gauging system

Monitoring Desc: Monitor dbl wall pipe space  
Category: Piping Monitoring  
Description: Interstitial space - Double Walled piping

Monitoring Desc: Monitor dbl wall tank space  
Category: Tank Monitoring  
Description: Interstitial space - Double wall tank

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Double wall  
Category: Secondary Containment  
Description: Dbl wall;single mat;out pipe mat = in pip mat

Piping Desc: Pressurized piping system  
Category: Miscellaneous Attributes  
Description: Pressurized piping system

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

**FL UST Broward County:**

Location ID: 587811  
Install Date: 9\28\91  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: 069102585

Location ID: 587811  
Install Date: 9\28\91  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: 069102585

Location ID: 587811  
Install Date: 9\28\91  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: 069102585



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SPEEDWAY/STARVIN MARVIN #0186 (Continued)**

U001344108

Location ID: 587811  
Install Date: 9\28\91  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 587811  
Install Date: 9\28\91  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 587811  
Install Date: 9\28\91  
Tank Size: 12000.0000  
Tank Type: UG  
State ID: Not reported

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**SPEEDWAY OIL  
6650 NOVA DR  
DAVIE, FL 33317**

**Broward Co. EDIEAR S103271698  
N/A**

FL BROWARD COUNTY EDIEAR:

Facility ID: 0064  
Region: BROWARD  
Facility Type: GAS STATION  
Facility Department: 069102585  
Program Type: FDEP  
Pollutant Type: GASOLINE  
Lead Agency: BCDPEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

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**6650 NOVA DRIVE  
DAVIE, FL**

**SPILLS S105188693  
N/A**

SPILLS:

Incident Nunmber: 00-2I-0498Z  
Date Reported: 10/11/2000  
Amount Spilled: 0.00  
NFA Date: 10/11/2000  
RP / Owner Identified: Yes  
Pollutant: Gasoline  
Substance Spilled: Gasoline  
Amount Spilled: 17.00  
Amount Spilled: 0.00

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

61 HARDRIVES COMPANY

MINES M100018636  
N/A

BROWARD (County), FL

U.S. MINES:

Mine ID:	0800138	SIC Codes:	14220 00000 00000 00000 00000 00000
Entity Name:	STATE ROAD 84 QUARRY	Company:	HARDRIVES COMPANY
State FIPS code:	12	County FIPS code:	011
Status Date:	03/24/1988	Status:	permanently abandoned
Operation Class:	Non-coal mining	Number of Shops:	0
Number of Pits:	000	Number of Plants:	0
Latitude:	26 05 14	Longitude:	080 12 30

62 GULF #367227  
2295 SR 84  
FORT LAUDERDALE, FL 33312

Broward Co. EDIEAR U002219478  
N/A

FL BROWARD COUNTY EDIEAR:

Facility ID:	1040
Region:	BROWARD
Facility Type:	GAS STATION
Facility Department:	068501426
Program Type:	FDEP
Pollutant Type:	PETROLEUM
Lead Agency:	BCDPEP
Site Studies:	X
Remedy Selected:	Yes
Remedy Design:	Yes
Cleanup Ongoing:	No
Project Completed:	No
Environmental Assessment	Remediation License: Not reported
Wellfield Site:	Not reported
Wellfield Site 2:	Yes

63 MOBIL #02 E69  
2340 W HWY 84  
FORT LAUDERDALE, FL 33312

LUST S105143772  
N/A

LUST:

Facility ID:	8502173	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	020	Township:	50S
Range:	42E	Lat/long:	26° 5' 12" / 80° 10' 28"
Facility Status:	CLOSED	Facility Type:	Retail Station
Operator:	RENGIFO A		
Facility Phone:	(305) 581-9244		
Related Party:	NORTHERN STAR PROPERTIES		
Related Party Addr:	2404 HOLLYWOOD BLVD HOLLYWOOD, FL 33020		
RP Bad Address:	No		
Related Party ID:	15530	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	ALAN M RUBIN		
Related Party Phone:	(305) 921-7284		
Related Party Begin:	05/01/91	Contamination ID:	9955
Name Update:	10/25/01	Address Update:	10/25/01
Facility Cleanup Status:	Ongoing (Explanation: At least one cleanup activity is in progress at a related discharge)		
Facility Cleanup Score:	12		
Facility Cleanup Rank:	8689		
Discharge ID:	11611		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02 E69 (Continued)**

**S105143772**

Clean Up Work Status:	INACTIVE
Discharge Date:	01/23/87
Pct Discharge Combined With:	11611
Discharge Cleanup Status:	RAP Ongoing (Explanation: Remedial Action Plan Cleanup Activity in Progress)
Discharge Cleanup Status Date:	02/07/02
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	EDI
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	11/10/87
Contaminated Media ID:	8693
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14659
Pollutant Substance:	Leaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	12
Cleanup Eligibility Id:	12381
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	Reimbursement
Application Recvd Date:	07/01/88
Letter of Intent Date:	01/02/89
Eligibility Status:	01/29/90
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	01/29/90
RAP Task ID:	63775
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	27423
SR Cleanup Responsible:	Responsible Party
SR Oral Date:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02 E69 (Continued)**

**S105143772**

SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	03/23/90
SR Payment Date:	03/23/90
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	11611
Clean Up Work Status:	INACTIVE
Discharge Date:	01/23/87
Pct Discharge Combined With:	11611
Discharge Cleanup Status:	RAP Ongoing (Explanation: Remedial Action Plan Cleanup Activity in Progress)
Discharge Cleanup Status Date:	02/07/02
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	EDI
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	11/10/87
Contaminated Media ID:	8693
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14660
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	12
Cleanup Eligibility Id:	12381
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	Reimbursement
Application Recvd Date:	07/01/88
Letter of Intent Date:	01/02/89
Eligibility Status:	01/29/90
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	01/29/90
RAP Task ID:	63775
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOBIL #02 E69 (Continued)**

S105143772

Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: Not reported  
SA Cleanup Responsible: Not reported  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: 27423  
SR Cleanup Responsible: Responsible Party  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: 03/23/90  
SR Payment Date: 03/23/90  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 12  
Score Effective : 11/04/97  
Rank : 8689  
Cleanup Status : ONGO  
Facility Status : CLOSED  
Type : A  
Facility Phone : (305) 581-9244  
Operator : RENGIFO A  
Name Update : 10/25/01  
Address Update : 10/25/01  
Primary Responsible Party Id : 15530  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/01/91  
Responsible Party Name : NORTHERN STAR PROPERTIES  
Responsible Party Address: 2404 HOLLYWOOD BLVD  
HOLLYWOOD, FL 33020  
  
Responsible Party Phone : (305) 921-7284  
Contact : ALAN M RUBIN  
Responsible Party Bad Address : No

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**RPM DIESEL ENGINE CO INC**  
2555 STATE ROAD 84  
FORT LAUDERDALE, FL 33312

RCRIS-SQG 1000110612  
FINDS FLD032285447

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**RPM DIESEL ENGINE CO INC (Continued)**

1000110612

RCRIS:

Owner: RUBANO JOSEPH PRES  
(305) 587-1620

EPA ID: FLD032285447

Contact: RUBANO JOSEPH  
(305) 587-1620

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

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**WORLD OF PLANTS  
SR 84 & US 441  
FORT LAUDERDAL, FL 33317**

**LUST U001343422  
UST N/A**

LUST:

Facility ID:	8733342	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 5' 10" / 80° 12' 11"
Facility Status:	CLOSED	Facility Type:	State Government

Operator: FL DEPT OF TRANSPORTATION  
Facility Phone: (904) 278-1234  
Related Party: FL DEPT OF TRANSPORTATION TURNPK  
Related Party Addr: PO BOX 9828  
ATTN: FINANCE  
FORT LAUDERDALE, FL 33310 - 9828

RP Bad Address: No  
Related Party ID: 24718  
Related Party Role: ACCOUNT OWNER

Related Prty Contact: SCOTT BUCK  
Related Party Phone: (954) 975-4855

Related Party Begin: 09/08/92  
Name Update: Not reported  
Contamination ID: 9608  
Address Update: Not reported

Facility Cleanup Status: Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)

Facility Cleanup Score: Not reported  
Facility Cleanup Rank: Not reported

Discharge ID: 11148  
Clean Up Work Status: COMPLETED  
Discharge Date: 06/02/86  
Pct Discharge Combined With: 11148  
Discharge Cleanup Status: NFA Complete (Explanation: No Further Action Status Approved)  
Discharge Cleanup Status Date: 10/04/90  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: EDI  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 01/06/98  
Inspection Date: 05/13/87  
Contaminated Media ID: 8373

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**WORLD OF PLANTS (Continued)**

U001343422

Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14091
Pollutant Substance:	Generic gasoline
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	10
Cleanup Eligibility Id:	11906
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	Reimbursement
Application Recvd Date:	07/30/86
Letter of Intent Date:	07/30/86
Eligibility Status:	12/08/87
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	12/08/87
RAP Task ID:	26166
RAP Cleanup Responsible:	Responsible Party
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	26167
RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	NFA
SRC Submit Date:	07/28/86
SRC Review Date:	10/04/90
SRC Issue Date:	10/04/90
SRC Status Effective Date:	10/04/90
SRC Comment:	NFAP APPROVED
SA ID:	26165
SA Cleanup Responsible:	Responsible Party
SA Actual Completion Date:	10/04/90
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	26164
SR Cleanup Responsible:	Responsible Party
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## WORLD OF PLANTS (Continued)

U001343422

SR Alternate Procedure Comment: Not reported

County Code : Not reported  
Score Ranked : Not reported  
Score Effective : Not reported  
Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

### UST:

Facility ID:	8733342	Facility Type:	State Government
Facility Phone:	(904) 278-1234	Facility Status:	CLOSED
Owner Id:	24718		
Owner Name:	FL DEPT OF TRANSPORTATION TURNPK		
Owner Address:	PO BOX 9828 ATTN: FINANCE FORT LAUDERDALE, FL 33310		
Owner Contact:	SCOTT BUCK	Owner Phone:	(954) 975-4855
Tank Content Desc:	State Government		
Type Description:	State Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	888		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8733342	Facility Type:	State Government
Facility Phone:	(904) 278-1234	Facility Status:	CLOSED



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WORLD OF PLANTS (Continued)

U001343422

Owner Id:	24718		
Owner Name:	FL DEPT OF TRANSPORTATION TURNPK		
Owner Address:	PO BOX 9828		
	ATTN: FINANCE		
	FORT LAUDERDALE, FL 33310		
Owner Contact:	SCOTT BUCK	Owner Phone:	(954) 975-4855
Tank Content Desc:	State Government		
Type Description:	State Government		
Tank Id:	4	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	888		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8733342	Facility Type:	State Government
Facility Phone:	(904) 278-1234	Facility Status:	CLOSED
Owner Id:	24718		
Owner Name:	FL DEPT OF TRANSPORTATION TURNPK		
Owner Address:	PO BOX 9828		
	ATTN: FINANCE		
	FORT LAUDERDALE, FL 33310		
Owner Contact:	SCOTT BUCK	Owner Phone:	(954) 975-4855
Tank Content Desc:	State Government		
Type Description:	State Government		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	888		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WORLD OF PLANTS (Continued)

U001343422

Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8733342  
Facility Phone: (904) 278-1234  
Owner Id: 24718  
Owner Name: FL DEPT OF TRANSPORTATION TURNPK  
Owner Address: PO BOX 9828  
ATTN: FINANCE  
FORT LAUDERDALE, FL 33310

Facility Type: State Government  
Facility Status: CLOSED

Owner Contact: SCOTT BUCK  
Tank Content Desc: State Government  
Type Description: State Government  
Tank Id: 3  
Tank Location: UNDERGROUND

Owner Phone: (954) 975-4855

Substance:  
Description: Unknown/Not reported  
Gallons: 888  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Vessel Indicator: TANK

Tank Status: Removed  
Install Date: Not reported

Tank Status Date: Not reported

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8733342  
Facility Phone: (904) 278-1234  
Owner Id: 24718  
Owner Name: FL DEPT OF TRANSPORTATION TURNPK  
Owner Address: PO BOX 9828  
ATTN: FINANCE  
FORT LAUDERDALE, FL 33310

Facility Type: State Government  
Facility Status: CLOSED

Owner Contact: SCOTT BUCK  
Tank Content Desc: State Government  
Type Description: State Government  
Tank Id: 5  
Tank Location: UNDERGROUND

Owner Phone: (954) 975-4855

Substance:  
Description: Unknown/Not reported  
Gallons: 888  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Vessel Indicator: TANK

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**WORLD OF PLANTS (Continued)**

**U001343422**

Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

Facility ID:	8733342	Facility Type:	State Government
Facility Phone:	(904) 278-1234	Facility Status:	CLOSED
Owner Id:	24718		
Owner Name:	FL DEPT OF TRANSPORTATION TURNPK		
Owner Address:	PO BOX 9828		
	ATTN: FINANCE		
	FORT LAUDERDALE, FL 33310		

Owner Contact:	SCOTT BUCK	Owner Phone:	(954) 975-4855
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Tank Content Desc:	State Government		
Type Description:	State Government		
Tank Id:	6	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		

Substance:  
Description: Unknown/Not reported  
Gallons: 888  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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**MASTEC INC**  
**2801 SW46 AVE**  
**DAVIE, FL 33314**

UST	U003299113
BROWARD CO. NOV	N/A
BROWARD CO. HM	

**Broward County Notice of Violation:**

Code Violated:	27-307(B)(2)D.
Notice of Violation:	12/06/99
Facility Status:	Complete
Date Closed:	05/31/01

Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**MASTEC INC (Continued)**

**U003299113**

Code Violated: 27-317(B)(1)A.2.  
Notice of Violation: 12/06/99  
Facility Status: Complete  
Date Closed: 05/31/01

**HAZMAT:**

Document Id: 1731

**FL UST Broward County:**

Location ID: 588414  
Install Date: 0\0\0  
Tank Size: 1000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 588414  
Install Date: 12\31\83  
Tank Size: 4000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 588414  
Install Date: 12\31\83  
Tank Size: 4000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 588414  
Install Date: 0\0\0  
Tank Size: 1000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 588414  
Install Date: 12\31\83  
Tank Size: 4000.0000  
Tank Type: UG  
State ID: Not reported

Location ID: 588414  
Install Date: 12\31\83  
Tank Size: 4000.0000  
Tank Type: UG  
State ID: Not reported

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**ROSCIOLI YACHTING CENTER INC**  
3201 SR 84  
FORT LAUDERDALE, FL 33312

**RCRIS-SQG 1001231870**  
**FINDS FLR000050716**  
**BROWARD CO. NOV**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ROSCIOLI YACHTING CENTER INC (Continued)**

1001231870

RCRIS:

Owner: ROS HOLDING CORP  
(954) 581-9200  
EPA ID: FLR000050716  
Contact: JOHN FLATE  
(954) 581-9200

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)  
Permit Compliance System (PCS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

Broward County Notice of Violation:

Code Violated: 27-333(A)  
Notice of Violation: 01/15/99  
Facility Status: Complete  
Date Closed: 11/10/99

Code Violated: 27-353(G)(2)  
Notice of Violation: 01/05/00  
Facility Status: Complete  
Date Closed: 11/06/00

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**ROSCIOLI YACHTING CENTER INC**  
**3201 SR 84**  
**FT LAUDERDALE, FL 33312**

**BROWARD CO. HM** S101229106  
N/A

HAZMAT:

Document Id: 4493

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**UNIWELD PRODUCTS INC**  
**2850 RAVENSWOOD RD**  
**FORT LAUDERDALE, FL 33312**

**CERCLIS** 1000436038  
**RCRIS-SQG** FLD004120523  
**FINDS**  
**Broward Co. EDIEAR**  
**BROWARD CO. HM**

CERCLIS Classification Data:

Site Incident Category: Not reported  
Non NPL Status: RN  
Ownership Status: Other  
Contact: JIM MCGUIRE  
Contact Title: Not reported  
Contact: Carol Monell  
Contact Title: Not reported

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL  
Contact Tel: (404) 562-8911

Contact Tel: (404) 562-8719

CERCLIS Assessment History:

Assessment: DISCOVERY  
Assessment: PRELIMINARY ASSESSMENT  
Assessment: SITE INSPECTION

Completed: 11/01/1979  
Completed: 08/01/1984  
Completed: 03/01/1985

CERCLIS Site Status:

Low

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number  
EPA ID Number

Database(s)

**UNIWELD PRODUCTS INC (Continued)**

1000436038

CERCLIS Alias Name(s):  
UNIWELD PRODUCTS INC

**RCRIS:**

Owner: DAVID PEARL, EXEC VP  
(305) 584-2000  
EPA ID: FLD004120523  
Contact: DAVID PEARL  
(305) 584-2000

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.34 (D) (4)  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 12/19/2000  
Actual Date Achieved Compliance: 01/23/2001

Enforcement Action: DEP WARNING LETTER  
Enforcement Action Date: 11/26/2001  
Penalty Type: Not reported

Regulation Violated: 262.34 (D) (4)  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 12/19/2000  
Actual Date Achieved Compliance: 01/23/2001

Enforcement Action: DEP WARNING LETTER  
Enforcement Action Date: 11/26/2001  
Penalty Type: Not reported

Regulation Violated: 262.34 (D) (4)  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 12/19/2000  
Actual Date Achieved Compliance: 01/23/2001

Enforcement Action: DEP WARNING LETTER  
Enforcement Action Date: 11/26/2001  
Penalty Type: Not reported

Regulation Violated: 262.11  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 12/19/2000  
Actual Date Achieved Compliance: Not reported

Regulation Violated: RULE 62-701.300(4)  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 12/19/2000  
Actual Date Achieved Compliance: Not reported

Regulation Violated: 262.34 (D) (2)  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 12/19/2000  
Actual Date Achieved Compliance: 01/23/2001

Regulation Violated: 262.34 (D) (2)  
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS  
Date Violation Determined: 12/19/2000  
Actual Date Achieved Compliance: 01/23/2001

Enforcement Action: DEP WARNING LETTER

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**UNIWELD PRODUCTS INC (Continued)**

1000436038

Enforcement Action Date:	11/26/2001
Penalty Type:	Not reported
Regulation Violated:	262.20
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	12/19/2000
Actual Date Achieved Compliance:	Not reported
Regulation Violated:	268.7
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	12/19/2000
Actual Date Achieved Compliance:	Not reported
Regulation Violated:	262.34(D)
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	12/19/2000
Actual Date Achieved Compliance:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	12/21/1988
Actual Date Achieved Compliance:	12/21/1988
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	09/27/1994
Penalty Type:	Not reported
Regulation Violated:	262.12
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	262 SUBPART B
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported

MAP FINDINGS
--------------

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**UNIWELED PRODUCTS INC (Continued)**

1000436038

Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	FAC 17-30
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	262.11
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	264.16
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986



MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**UNIWELD PRODUCTS INC (Continued)**

1000436038

Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	264.37
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	264 SUBPART D
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	264.15
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported

MAP FINDINGS
--------------

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**UNIWELED PRODUCTS INC (Continued)**

**1000436038**

Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	264 SUBPART F
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	264 SUBPART G
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	264 SUBPART H
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986

MAP FINDINGS
--------------

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**UNIWELD PRODUCTS INC (Continued)**

1000436038

Penalty Type:	Not reported
Regulation Violated:	264.13
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	264.75
Area of Violation:	TSD-OTHER REQUIREMENTS
Date Violation Determined:	10/11/1985
Actual Date Achieved Compliance:	02/02/1987
Enforcement Action:	DEP NOTICE OF VIOLATION (NOV)
Enforcement Action Date:	10/11/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	12/12/1985
Penalty Type:	Not reported
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/10/1986
Penalty Type:	Not reported
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNIWELED PRODUCTS INC (Continued)

1000436038

There are 24 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	20010123
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	20010123
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	20010123
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	20010123
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	20010123
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	20010123
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	20010123
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	20010123
Non-Financial Record Review Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19881221
	GENERATOR-OTHER REQUIREMENTS	19870202
	GENERATOR-OTHER REQUIREMENTS	19870202
	GENERATOR-OTHER REQUIREMENTS	19870202
	GENERATOR-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202
	TSD-OTHER REQUIREMENTS	19870202

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)  
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)  
Toxic Chemical Release Inventory System (TRIS)

HAZMAT:

Document Id: 3548

FL BROWARD COUNTY EDIEAR:

Facility ID: 3645  
Region: BROWARD  
Facility Type: OTHER MANUFACTURING  
Facility Department: Not reported  
Program Type: NF  
Pollutant Type: CHLORINATED  
Lead Agency: DEP  
Site Studies: X  
Remedy Selected: No  
Remedy Design: Yes  
Cleanup Ongoing: Yes  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)Site	Database(s)	EDR ID Number	EPA ID Number
68			<b>2850 RAVENSWOOD ROAD</b> <b>DANIA BEACH, FL</b>  SPILLS: Incident Number: 99-02-0191 Date Reported: 9/18/1999 Amount Spilled: 0.00 NFA Date: 3/22/2000 RP / Owner Identified: Yes Pollutant: Mineral Spirits Substance Spilled: Mineral Spirits Amount Spilled: 0.00 Amount Spilled: 0.00 Pollutant: Perc Substance Spilled: Perc Amount Spilled: 275.00 Amount Spilled: 0.00 Pollutant: Used Oil Substance Spilled: Used Oil Amount Spilled: 0.00 Amount Spilled: 0.00 Pollutant: Sulfuric Acid Substance Spilled: Sulfuric Acid Amount Spilled: 0.00 Amount Spilled: 0.00	SPILLS	S105185680 N/A	
69			<b>NEW RIVER MARINA</b> <b>3001 W SR 84</b> <b>FT LAUDERDALE, FL 33312</b>  HAZMAT: Document Id: 4493	BROWARD CO. HM	S101228513 N/A	
69			<b>LAUDERDALE SAND &amp; FILL INC</b> <b>3000 SR 84</b> <b>FT LAUDERDALE, FL 33312</b>  HAZMAT: Document Id: 1442	BROWARD CO. HM	S101223803 N/A	
69			<b>NEW RIVER SHIPYARD, INC.</b> <b>3001 SR 84</b> <b>FT LAUDERDALE, FL 33312</b>  Broward County Notice of Violation: Code Violated: 27-333(A) Notice of Violation: 02/28/01 Facility Status: Withdrawn Date Closed: 10/01/01	BROWARD CO. NOV	S105212421 N/A	
69			<b>HARDRIVES DUMP</b> <b>3000 SR 84</b> <b>FT. LAUDERDALE, FL 33317</b>	CERCLIS FINDS	1000482093 FLD984198325	

Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**HARDRIVES DUMP (Continued)**

**1000482093**

**CERCLIS Classification Data:**

Site Incident Category: Not reported Federal Facility: Not a Federal Facility

Non NPL Status: ESI Start Needed

Ownership Status: Unknown

NPL Status: Not on the NPL

Contact: JIM MCGUIRE

Contact Tel: (404) 562-8911

Contact Title: Not reported

Contact: Carol Monell

Contact Tel: (404) 562-8719

Contact Title: Not reported

Site Description: SOLVENT ODORS WERE REPORTED ON-SITE DURING CONSTRUCTION ACTIVITIES. SUBSEQUENT INVESTIGATIONS REVEALED EVIDENCE OF PREVIOUS SPILLS AND DISCHARGES. SAMPLING CONFIRMED ON-SITE GW CONTAMINATION. DOCUMENTED RELEASE TO ADJACENT SW. SOLVENT ODORS WERE REPORTED ON-SITE DURING CONSTRUCTION ACTIVITIES. SUBSEQUENT INVESTIGATIONS REVEALED EVIDENCE OF PREVIOUS SPILLS AND DISCHARGES. SAMPLING CONFIRMED ON-SITE GW CONTAMINATION. DOCUMENTED RELEASE TO ADJACENT SW. SI complete in 1995, low priority ESI recommended.

**CERCLIS Assessment History:**

Assessment: DISCOVERY

Completed: 04/12/1991

Assessment: PRELIMINARY ASSESSMENT

Completed: 07/31/1991

Assessment: SITE INSPECTION

Completed: 08/13/1993

**CERCLIS Site Status:**

Low

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)  
Facility Registry System (FRS)

69

**BOATING CENTER OF FORT LAUDERDALE  
3000 W HWY 84  
FORT LAUDERDALE, FL 33312**

**LUST U003434655  
UST N/A**

**LUST:**

Facility ID: 9800729

Region: STATE

Facility District: SE

Facility County: BROWARD

Section: Not reported

Township: Not reported

Range: Not reported

Lat/long: 26° 5' 3" / 80° 11' 6"

Facility Status: CLOSED

Facility Type: Fuel User / Non-retail

Operator: Not reported

Facility Phone: (954) 316-4884

Related Party: NEW RIVER BOATING CENTER

Related Party Addr: 3000 W HWY 84  
FORT LAUDERDALE, FL 33312

RP Bad Address: Not reported

Related Party ID: 47713

Related Party Role: ACCOUNT OWNER

Related Party Contact: Not reported

Related Party Phone: (954) 316-4884

Related Party Begin: 09/10/98

Contamination ID: 22885

Name Update: Not reported

Address Update: Not reported

Facility Cleanup Status: Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)

Facility Cleanup Score: Not reported

Facility Cleanup Rank: Not reported

Discharge ID: 52202

Clean Up Work Status: COMPLETED

Discharge Date: 03/06/00

Pct Discharge Combined With: 52202

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BOATING CENTER OF FORT LAUDERDALE (Continued)**

**U003434655**

Discharge Cleanup Status:	NFA Complete (Explanation: No Further Action Status Approved)
Discharge Cleanup Status Date:	01/29/02
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	Not reported
Inspection Date:	02/24/00
Contaminated Media ID:	21245
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Yes
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	34926
Pollutant Substance:	Vehicular diesel
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	Not reported
Cleanup Program:	Not reported
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	63577
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	0
SRC Action Type:	NFA
SRC Submit Date:	12/17/01
SRC Review Date:	12/17/01
SRC Issue Date:	02/08/02
SRC Status Effective Date:	01/30/02
SRC Comment:	Not reported
SA ID:	66991
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BOATING CENTER OF FORT LAUDERDALE (Continued)

U003434655

Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported

County Code : Not reported  
Score Ranked : Not reported  
Score Effective : Not reported  
Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

UST:

Facility ID:	9800729	Facility Type:	Fuel User / Non-retail
Facility Phone:	(954) 316-4884	Facility Status:	CLOSED
Owner Id:	47713		
Owner Name:	NEW RIVER BOATING CENTER		
Owner Address:	3000 W HWY 84 FORT LAUDERDALE, FL 33312		
Owner Contact:	Not reported	Owner Phone:	(954) 316-4884
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	3	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-FEB-2000
Install Date:	01-JUL-1983		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BOATING CENTER OF FORT LAUDERDALE (Continued)

U003434655

Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 9800729  
Facility Phone: (954) 316-4884  
Owner Id: 47713  
Owner Name: NEW RIVER BOATING CENTER  
Owner Address: 3000 W HWY 84  
FORT LAUDERDALE, FL 33312

Facility Type:  
Facility Status: Fuel User / Non-retail  
CLOSED

Owner Contact: Not reported  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 1  
Tank Location: UNDERGROUND

Owner Phone: (954) 316-4884

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Removed  
Install Date: 01-JUL-1983

Tank Status Date: 01-FEB-2000

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 9800729  
Facility Phone: (954) 316-4884  
Owner Id: 47713  
Owner Name: NEW RIVER BOATING CENTER  
Owner Address: 3000 W HWY 84  
FORT LAUDERDALE, FL 33312

Facility Type:  
Facility Status: Fuel User / Non-retail  
CLOSED

Owner Contact: Not reported  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 2  
Tank Location: UNDERGROUND

Owner Phone: (954) 316-4884

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Removed  
Install Date: 01-JUL-1983

Tank Status Date: 01-FEB-2000

Tank Construction:

MAP FINDINGS

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

**BOATING CENTER OF FORT LAUDERDALE (Continued)**
**U003434655**

Tank Id: Not reported  
 Construction Desc: Not reported  
 Category: Not reported  
 Description: Not reported  
 Petro Monitoring:  
   Monitoring Desc: Not reported  
   Category: Not reported  
   Description: Not reported  
 Tank Piping:  
   Piping Desc: Not reported  
   Category: Not reported  
   Description: Not reported

69      **BOATSIDE SERVICES INC**  
          **3001 W SR 84**  
          **FT LAUDERDALE, FL 33312**

**BROWARD CO. HM**
**S104520357**  
**N/A**

HAZMAT:  
   Document Id: 4499

69      **PIPEWELDERS**  
          **2965 STATE RD 84**  
          **FORT LAUDERDALE, FL 33312**

**RCRIS-SQG**  
**FINDS**
**1000225267**  
**FLD982162521**

RCRIS:  
   Owner: DUKE CLIFFORD CONTROLLER  
          (305) 587-8400  
   EPA ID: FLD982162521  
   Contact: DUKE CLIFFORD  
          (305) 587-8400

Classification: Small Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported  
 Violation Status: No violations found

FINDS:  
   Other Pertinent Environmental Activity Identified at Site:  
     Facility Registry System (FRS)  
     Resource Conservation and Recovery Act Information system (RCRAINFO)

70      **84 AUTO SERVICE INC**  
          **2941 SW 23 TER**  
          **DANIA BEACH, FL 33312**

**BROWARD CO. HM**
**S101224854**  
**N/A**

HAZMAT:  
   Document Id: 7538

70      **BELLSOUTH MOBILITY DEOW**  
          **2941 SW 23 TER**  
          **DANIA BEACH, FL 33312**

**BROWARD CO. HM**
**S103297886**  
**N/A**

HAZMAT:  
   Document Id: 4812

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

71 HACIENDA VILLAGE POLICE DEPT  
3701 CANAL DR  
DAVIE, FL 33312

UST U003656758  
N/A

UST:

Facility ID: 9801593  
Facility Phone: (305) 654-1500  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported  
Tank Content Desc: Local Government  
Type Description: Local Government  
Tank Id: 1  
Tank Location: UNDERGROUND  
Substance:  
Description: Misc. petrol-based product  
Gallons: 1000  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01  
Tank Status: Removed  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility Type: Local Government  
Facility Status: CLOSED

Owner Phone: Not reported

Vessel Indicator: TANK

Tank Status Date: 01-SEP-1999

Facility ID: 9801593  
Facility Phone: (305) 654-1500  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported  
Tank Content Desc: Local Government  
Type Description: Local Government  
Tank Id: 2  
Tank Location: UNDERGROUND  
Substance:  
Description: Misc. petrol-based product  
Gallons: 1000  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01  
Tank Status: Removed  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:

Facility Type: Local Government  
Facility Status: CLOSED

Owner Phone: Not reported

Vessel Indicator: TANK

Tank Status Date: 01-SEP-1999

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## HACIENDA VILLAGE POLICE DEPT (Continued)

U003656758

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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## BROWARD CNTY SCHOOL BD-EDGEWOOD ES 1300 SW 32ND CT FORT LAUDERDAL, FL 33315

LUST U001546404  
UST N/A

### LUST:

Facility ID: 9047342 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: 021 Township: 50S  
Range: 42E Lat/long: 26° 5' 3" / 80° 9' 29"  
Facility Status: OPEN Facility Type: County Government  
Operator: BROWARD CNTY SCHOOL BD  
Facility Phone: (954) 765-6390  
Related Party: BROWARD CNTY SCHOOL BD  
Related Party Addr: 3895 NW 10TH AVE  
OAKLAND PARK, FL 33309 - 4110  
RP Bad Address: No  
Related Party ID: 2784 Related Party Role: ACCOUNT OWNER  
Related Prty Contact: ARLIN VANCE  
Related Party Phone: (954) 928-0252  
Related Party Begin: 05/20/94 Contamination ID: 9427  
Name Update: Not reported Address Update: Not reported  
Facility Cleanup Status: Application (Explanation: Cleanup program application has been received)  
Facility Cleanup Score: 9  
Facility Cleanup Rank: 12051  
Discharge ID: 10932  
Clean Up Work Status: INACTIVE  
Discharge Date: 03/12/87  
Pct Discharge Combined With: 10932  
Discharge Cleanup Status: Withdrawn form Cleanup Program  
Discharge Cleanup Status Date: 10/09/00  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: EDI  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 02/26/02  
Inspection Date: Not reported  
Contaminated Media ID: Not reported  
Contaminated Drinking Wells: Not reported  
Contaminated Soil: Not reported  
Contaminated Surface Water: Not reported  
Contaminated Ground Water: Not reported  
Contaminated Monitoring Well: Not reported  
Pollutant ID: Not reported  
Pollutant Substance: Not reported  
Substance Category: Not reported  
Regulation Began: Not reported  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: 9  
Cleanup Eligibility Id: 11685

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY SCHOOL BD-EDGEWOOD ES (Continued)**

**U001546404**

Cleanup Program:	Early Detection Initiative
Cleanup Lead :	State
Application Recvd Date:	03/12/87
Letter of Intent Date:	Not reported
Eligibility Status:	04/18/89
Eligibility Status Date:	W
Redetermined:	No
Eligibility Letter Sent:	04/18/89
RAP Task ID:	25545
RAP Cleanup Responsible:	State
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	25546
RA Cleanup Responsible:	State
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	25544
SA Cleanup Responsible:	State
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	25543
SR Cleanup Responsible:	State
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	6
Score Ranked :	9
Score Effective :	02/26/02
Rank :	12051
Cleanup Status :	APPL
Facility Status :	OPEN
Type :	I
Facility Phone :	(954) 765-6390
Operator :	BROWARD CNTY SCHOOL BD
Name Update :	Not reported
Address Update :	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY SCHOOL BD-EDGEWOOD ES (Continued)**

**U001546404**

Primary Responsible Party Id : 2784  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/20/94  
Responsible Party Name : BROWARD CNTY SCHOOL BD  
Responsible Party Address: 3895 NW 10TH AVE  
OAKLAND PARK, FL 33309 - 4110  
Responsible Party Phone : (954) 928-0252  
Contact : ARLIN VANCE  
Responsible Party Bad Address : No

**UST:**

Facility ID:	9047342	Facility Type:	County Government
Facility Phone:	(954) 765-6390	Facility Status:	OPEN
Owner Id:	2784		
Owner Name:	BROWARD CNTY SCHOOL BD		
Owner Address:	3895 NW 10TH AVE OAKLAND PARK, FL 33309		
Owner Contact:	ARLIN VANCE	Owner Phone:	(954) 928-0252
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Fuel oil-on site heat		
Gallons:	1000		
Category:	Exempt Substances		
Regulation Began:	1986-07-01		
Tank Status:	In service	Tank Status Date:	Not reported
Install Date:	01-JUL-1953		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

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**ELMORE PROPERTY**  
**2990 W HWY 84**  
**FORT LAUDERDAL, FL 33312**

**LUST U003434663**  
**UST N/A**

**LUST:**

Facility ID:	8627676	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 5' 6" / 80° 11' 14"
Facility Status:	OPEN	Facility Type:	Fuel User / Non-retail
Operator:	RICK E HUGHES		
Facility Phone:	(954) 316-4884		
Related Party:	ELMORE, ROBERT L		
Related Party Addr:	846 NW 8TH AVE FORT LAUDERDALE, FL 33311 - 7206		
RP Bad Address:	No		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## ELMORE PROPERTY (Continued)

U003434663

Related Party ID:	6511	Related Party Role:	PROPERTY OWNER
Related Prty Contact:	ROBERT L ELMORE		
Related Party Phone:	(000) 000-0000		
Related Party Begin:	09/10/98	Contamination ID:	9674
Name Update:	09/10/98	Address Update:	09/10/98
Facility Cleanup Status:	Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)		
Facility Cleanup Score:	Not reported		
Facility Cleanup Rank:	Not reported		
Discharge ID:	11232		
Clean Up Work Status:	COMPLETED		
Discharge Date:	10/19/88		
Pct Discharge Combined With:	11232		
Discharge Cleanup Status:	NFA Complete (Explanation: No Further Action Status Approved)		
Discharge Cleanup Status Date:	10/29/98		
Clean Up Required by 62-770:	New Cleanup Required		
Information Source:	EDI		
Other Source Description:	Not reported		
Discharge Lead Agency:	Local Program		
Score Effective Date:	01/06/98		
Inspection Date:	05/16/90		
Contaminated Media ID:	8432		
Contaminated Drinking Wells:	0		
Contaminated Soil:	Yes		
Contaminated Surface Water:	No		
Contaminated Ground Water:	Yes		
Contaminated Monitoring Well:	Yes		
Pollutant ID:	14189		
Pollutant Substance:	Vehicular diesel		
Substance Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	9		
Cleanup Eligibility Id:	11992		
Cleanup Program:	Early Detection Initiative		
Cleanup Lead :	State		
Application Recvd Date:	01/03/89		
Letter of Intent Date:	Not reported		
Eligibility Status:	07/02/90		
Eligibility Status Date:	E		
Redetermined:	No		
Eligibility Letter Sent:	07/02/90		
RAP Task ID:	26387		
RAP Cleanup Responsible:	State		
RAP Order Completion Date:	Not reported		
RAP Actual Completion Date:	Not reported		
RAP Payment Date:	Not reported		
RAP Actual Cost:	Not reported		
RA Task ID:	26388		
RA Cleanup Responsible:	State		
RA Actual Cost:	Not reported		
Ra Actual Years to Complete:	0		
SRC Action Type:	NFA		
SRC Submit Date:	07/22/98		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELMORE PROPERTY (Continued)**

U003434663

SRC Review Date: 07/28/98  
 SRC Issue Date: Not reported  
 SRC Status Effective Date: 10/29/98  
 SRC Comment: Not reported  
 SA ID: 26386  
 SA Cleanup Responsible: State  
 SA Actual Completion Date: Not reported  
 SA Payment Date: Not reported  
 SA Actual Cost: Not reported  
 SR Task ID: 26385  
 SR Cleanup Responsible: State  
 SR Oral Date: Not reported  
 SR Written Date: Not reported  
 Free Product Removal: No  
 Soil Removal: No  
 Soil Tonnage Removed: No  
 Soil Treatment: No  
 Other Treatment: Not reported  
 SR Actual Completion Date: Not reported  
 SR Payment Date: Not reported  
 SR Cost: Not reported  
 SR Alternate Procedure Recieved: Not reported  
 SR Alternate Procedure Status Date: Not reported  
 SR Complete: Not reported  
 SR Alternate Procedure Comment: Not reported

County Code : Not reported  
 Score Ranked : Not reported  
 Score Effective : Not reported  
 Rank : Not reported  
 Cleanup Status : Not reported  
 Facility Status : Not reported  
 Type : Not reported  
 Facility Phone : Not reported  
 Operator : Not reported  
 Name Update : Not reported  
 Address Update : Not reported  
 Primary Responsible Party Id : Not reported  
 Primary Responsible Party Role : Not reported  
 Responsible Party Begin Date : Not reported  
 Responsible Party Name : Not reported  
 Responsible Party Address: Not reported  
 Responsible Party Phone : Not reported  
 Contact : Not reported  
 Responsible Party Bad Address : Not reported

**UST:**

Facility ID: 8627676  
 Facility Phone: (954) 316-4884  
 Owner Id: Not reported  
 Owner Name: Not reported  
 Owner Address:  
 Owner Contact: Not reported  
 Tank Content Desc: Fuel user/Non-retail  
 Type Description: Fuel user/Non-retail  
 Tank Id: 18  
 Tank Location: UNDERGROUND  
 Substance:

Facility Type: Fuel User / Non-retail  
 Facility Status: OPEN  
  
 Owner Phone: Not reported  
  
 Vessel Indicator: TANK



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.) Site

EDR ID Number

Database(s) EPA ID Number

**ELMORE PROPERTY (Continued)**

**U003434663**

Description: Unknown/Not reported  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Deleted  
Install Date: 01-JAN-1983

Tank Status Date: 01-JUL-1983

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported

Facility Type: Fuel User / Non-retail  
Facility Status: OPEN

Owner Address:  
Owner Contact: Not reported  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 16  
Tank Location: UNDERGROUND

Owner Phone: Not reported

Vessel Indicator: TANK

Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Deleted  
Install Date: 01-JUL-1983

Tank Status Date: 01-JUL-1983

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported

Facility Type: Fuel User / Non-retail  
Facility Status: OPEN

Owner Phone: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELMORE PROPERTY (Continued)**

**U003434663**

Tank Content Desc:Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 17  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Deleted  
Install Date: 01-JAN-1983

Vessel Indicator: TANK

Tank Status Date: 01-JUL-1983

Tank Construction:  
Tank Id: Not reported  
Construction DescNot reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported

Facility Type: Fuel User / Non-retail  
Facility Status: OPEN

Owner Address:  
Owner Contact: Not reported

Owner Phone: Not reported

Tank Content Desc:Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 8  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 8000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: Not reported

Vessel Indicator: TANK

Tank Status Date: 30-JUN-1988

Tank Construction:  
Tank Id: Not reported  
Construction DescNot reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELMORE PROPERTY (Continued)**

**U003434663**

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported  
Tank Content Desc:Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 9  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction DescNot reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility Type: Fuel User / Non-retail  
Facility Status: OPEN

Owner Phone: Not reported

Vessel Indicator: TANK

Tank Status Date: 30-JUN-1988

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported  
Tank Content Desc:Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 10  
Tank Location: UNDERGROUND  
Substance:  
Description: Vehicular diesel  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01  
Tank Status: Removed  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction DescNot reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility Type: Fuel User / Non-retail  
Facility Status: OPEN

Owner Phone: Not reported

Vessel Indicator: TANK

Tank Status Date: 30-JUN-1988

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELMORE PROPERTY (Continued)**

**U003434663**

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported

Facility Type:  
Facility Status: Fuel User / Non-retail  
OPEN

Owner Address:  
Owner Contact: Not reported  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 11  
Tank Location: UNDERGROUND

Owner Phone: Not reported

Substance:  
Description: Vehicular diesel  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Vessel Indicator: TANK

Tank Status: Removed  
Install Date: Not reported

Tank Status Date: 30-JUN-1988

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported

Facility Type:  
Facility Status: Fuel User / Non-retail  
OPEN

Owner Address:  
Owner Contact: Not reported  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 12  
Tank Location: UNDERGROUND

Owner Phone: Not reported

Substance:  
Description: Vehicular diesel  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Vessel Indicator: TANK

Tank Status: Removed  
Install Date: Not reported

Tank Status Date: 30-JUN-1990

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELMORE PROPERTY (Continued)**

**U003434663**

Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 14  
Tank Location: UNDERGROUND

Facility Type: Fuel User / Non-retail  
Facility Status: OPEN

Owner Phone: Not reported

Vessel Indicator: TANK

Substance:  
Description: Vehicular diesel  
Gallons: 2000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status Date: 31-MAR-1994

Tank Status: Removed  
Install Date: Not reported

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 13  
Tank Location: UNDERGROUND

Facility Type: Fuel User / Non-retail  
Facility Status: OPEN

Owner Phone: Not reported

Vessel Indicator: TANK

Substance:  
Description: Vehicular diesel  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status Date: 30-JUN-1990

Tank Status: Removed

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELMORE PROPERTY (Continued)**

U003434663

Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 6  
Tank Location: UNDERGROUND  
Substance:  
Description: Leaded gas  
Gallons: 5000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed  
Install Date: Not reported

Facility Type:  
Facility Status: Fuel User / Non-retail  
OPEN

Owner Phone: Not reported

Vessel Indicator: TANK

Tank Status Date: 30-JUN-1990

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8627676  
Facility Phone: (954) 316-4884  
Owner Id: Not reported  
Owner Name: Not reported  
Owner Address:  
Owner Contact: Not reported  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 7  
Tank Location: UNDERGROUND  
Substance:

Facility Type:  
Facility Status: Fuel User / Non-retail  
OPEN

Owner Phone: Not reported

Vessel Indicator: TANK

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELMORE PROPERTY (Continued)**

U003434663

Description:      Leaded gas  
Gallons:           5000  
Category:          Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status:       Removed  
Install Date:       Not reported  
Tank Construction:  
  Tank Id:          Not reported  
  Construction Desc: Not reported  
  Category:          Not reported  
  Description:       Not reported  
Petro Monitoring:  
  Monitoring Desc: Not reported  
  Category:          Not reported  
  Description:       Not reported  
Tank Piping:  
  Piping Desc:      Not reported  
  Category:          Not reported  
  Description:       Not reported

Tank Status Date:      30-JUN-1990

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**NEW RIVER BOATING CENTER INC  
3000 SR 84  
FT LAUDERDALE, FL 33312**

**UST      U003729949  
BROWARD CO. NOV    N/A  
BROWARD CO. HM**

Broward County Notice of Violation:

Code Violated:      27-312(A)  
Notice of Violation:   05/06/98  
Facility Status:      Complete  
Date Closed:          03/08/99

Code Violated:      27-306(C)  
Notice of Violation:   05/06/98  
Facility Status:      Complete  
Date Closed:          03/08/99

Code Violated:      27-308(C)(2)  
Notice of Violation:   05/06/98  
Facility Status:      Complete  
Date Closed:          03/08/99

Code Violated:      27-310  
Notice of Violation:   05/06/98  
Facility Status:      Complete  
Date Closed:          03/08/99

HAZMAT:

Document Id:      4493

FL UST Broward County:

Location ID:        585976  
Install Date:       1\1\83  
Tank Size:           10000.0000  
Tank Type:          UG  
State ID:           Not reported

Location ID:        585976  
Install Date:       1\1\83  
Tank Size:           10000.0000  
Tank Type:          UG  
State ID:           Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NEW RIVER BOATING CENTER INC (Continued)

U003729949

Location ID: 585976  
Install Date: 1\1\83  
Tank Size: 10000.0000  
Tank Type: UG  
State ID: Not reported

73

**HARDRIVES CO**  
**2700-3000 W SR 84**  
**FORT LAUDERDALE, FL 33317**

RCRIS-SQG 1000192151  
FINDS FLD981472269

RCRIS:

Owner: TOKECS J , MGR  
(305) 791-4270  
EPA ID: FLD981472269  
Contact: TOKECS J  
(305) 791-4270

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 06/30/1987  
Actual Date Achieved Compliance: 06/30/1987  
Enforcement Action: DEP NOTICE OF VIOLATION (NOV)  
Enforcement Action Date: 05/16/1986  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 01/14/1986  
Actual Date Achieved Compliance: 07/05/1988  
Enforcement Action: DEP NOTICE OF VIOLATION (NOV)  
Enforcement Action Date: 05/16/1986  
Penalty Type: Not reported

Enforcement Action: DEP CONSENT ORDER  
Enforcement Action Date: 07/05/1988  
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19870630
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19880705

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.) Site

EDR ID Number

Database(s) EPA ID Number

73 NEW RIVER MARINA  
3001 SR 84  
FORT LAUDERDALE, FL 33142

RCRIS-SQG 1001115821  
FINDS FLR000018580

RCRIS:

Owner: 3R1 & MARY WICKNER OWNERS  
(954) 584-2500  
EPA ID: FLR000018580  
Contact: BOB WICKNER  
(954) 584-2500

Classification: Conditionally Exempt Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 40 CFR 261.5  
Area of Violation: GENERATOR-SPECIAL CONDITIONS  
Date Violation Determined: 06/06/1996  
Actual Date Achieved Compliance: 06/12/1996

Enforcement Action: DEP NON-COMPLIANCE LETTER  
Enforcement Action Date: 06/06/1996  
Penalty Type: Not reported

Regulation Violated: 40 CFR 279.22  
Area of Violation: Florida Used Oil Storage  
Date Violation Determined: 06/06/1996  
Actual Date Achieved Compliance: 06/12/1996

Enforcement Action: DEP NON-COMPLIANCE LETTER  
Enforcement Action Date: 06/06/1996  
Penalty Type: Not reported

Regulation Violated: CH 62-710.400(1)  
Area of Violation: Florida Used Oil Storage  
Date Violation Determined: 06/06/1996  
Actual Date Achieved Compliance: 09/16/1996

Enforcement Action: DEP NON-COMPLIANCE LETTER  
Enforcement Action Date: 06/06/1996  
Penalty Type: Not reported

There are 3 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-SPECIAL CONDITIONS	19960612
	Florida Used Oil Storage	19960612
	Florida Used Oil Storage	19960916

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

74 PERFORMANCE DIESEL SPECIALISTS  
2211 SW 31ST ST  
FORT LAUDERDALE, FL 33312

RCRIS-SQG 1001218056  
FINDS FLR000040279

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PERFORMANCE DIESEL SPECIALISTS (Continued)**

1001218056

RCRIS:

Owner: PERFORMANCE DIESEL SPEC  
(954) 584-7745  
EPA ID: FLR000040279  
Contact: RICHARD SCHWARTZ  
(954) 584-7745

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

74

**MOODY, M. D. & SONS, INC.**  
**3100 RAVENSWOOD RD**  
**FT. LAUDERDALE, FL 33312**

**RCRIS-SQG 1000193779**  
**FINDS FLD032282113**  
**CERC-NFRAP**

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported  
Non NPL Code: NFRAP  
Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY  
Assessment: PRELIMINARY ASSESSMENT  
Assessment: SITE INSPECTION  
Assessment: ARCHIVE SITE

Completed: 03/03/1986  
Completed: 06/13/1986  
Completed: 11/02/1990  
Completed: 11/02/1990

CERCLIS-NFRAP Alias Name(s):

MOODY, M. D. & SONS, INC.

RCRIS:

Owner: ALVARER JOE HYDRO  
(305) 392-9070  
EPA ID: FLD032282113  
Contact: ALVARER JOE  
(305) 392-9070

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

74

**PHOTOMETAL ETCHING INC**  
**2948 RAVENSWOOD ROAD**  
**FORT LAUDERDALE, FL 33311**

**RCRIS-SQG 1000699080**  
**FINDS FLD076992460**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PHOTOMETAL ETCHING INC (Continued)**

1000699080

RCRIS:

Owner: JOSEPH A BARILE, VICE PRESIDENT

(305) 763-2323

EPA ID: FLD076992460

Contact: JOSEPH A

(305) 763-2323

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported

Area of Violation: GENERATOR-OTHER REQUIREMENTS

Date Violation Determined: 10/17/1986

Actual Date Achieved Compliance: 12/12/1987

Enforcement Action: DEP WARNING LETTER

Enforcement Action Date: 01/21/1987

Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19871212

Date of  
Compliance  
19871212

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

75

**LAKEWOOD TRAVEL PARK/TWIN  
3055 BURRIS RD  
FORT LAUDERDALE, FL 33314**

**Broward Co. EDIEAR S103271630  
N/A**

FL BROWARD COUNTY EDIEAR:

Facility ID: 1732

Region: BROWARD

Facility Type: MARINA

Facility Department: 068627721

Program Type: FDEP

Pollutant Type: PETROLEUM

Lead Agency: BCDPEP

Site Studies: Not reported

Remedy Selected: No

Remedy Design: No

Cleanup Ongoing: No

Project Completed: No

Environmental Assessment Remediation License: Not reported

Wellfield Site: Not reported

Wellfield Site 2: Yes

75

**TWIN LAKES TRAVEL PARK  
3055 BURRIS RD  
FORT LAUDERDAL, FL 33314**

**LUST U001343057  
UST N/A**

LUST:

Facility ID: 8627721

Region: STATE

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**TWIN LAKES TRAVEL PARK (Continued)**

**U001343057**

Facility District:	SE	Facility County:	BROWARD
Section:	024	Township:	50S
Range:	41E	Lat/long:	26° 5' 3" / 80° 12' 25"
Facility Status:	CLOSED	Facility Type:	Retail Station
Operator:	MERRILL S. COHEN		
Facility Phone:	(305) 587-0101		
Related Party:	LAKEWOOD TRAVEL PARK INC		
Related Party Addr:	3055 BURRIS RD FORT LAUDERDALE, FL 33314 - 2208		
RP Bad Address:	No		
Related Party ID:	12442	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	Not reported		
Related Party Phone:	(305) 587-0101		
Related Party Begin:	11/05/86	Contamination ID:	9316
Name Update:	Not reported	Address Update:	Not reported
Facility Cleanup Status:	Application (Explanation: Cleanup program application has been received)		
Facility Cleanup Score:	10		
Facility Cleanup Rank:	9851		
Discharge ID:	10802		
Clean Up Work Status:	INACTIVE		
Discharge Date:	01/13/91		
Pct Discharge Combined With:	10802		
Discharge Cleanup Status:	Eligible - No Task Level Data		
Discharge Cleanup Status Date:	10/09/00		
Clean Up Required by 62-770:	New Cleanup Required		
Information Source:	Abandoned Tank Restoration		
Other Source Description:	Not reported		
Discharge Lead Agency:	Local Program		
Score Effective Date:	01/06/98		
Inspection Date:	04/17/91		
Contaminated Media ID:	8198		
Contaminated Drinking Wells:	0		
Contaminated Soil:	No		
Contaminated Surface Water:	No		
Contaminated Ground Water:	Yes		
Contaminated Monitoring Well:	No		
Pollutant ID:	13796		
Pollutant Substance:	Leaded gas		
Substance Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	10		
Cleanup Eligibility Id:	11554		
Cleanup Program:	Abandoned Tank Restoration Program		
Cleanup Lead :	State		
Application Recvd Date:	01/28/91		
Letter of Intent Date:	Not reported		
Eligibility Status:	07/12/91		
Eligibility Status Date:	E		
Redetermined:	No		
Eligibility Letter Sent:	07/12/91		
RAP Task ID:	Not reported		
RAP Cleanup Responsible:	Not reported		
RAP Order Completion Date:	Not reported		
RAP Actual Completion Date:	Not reported		

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**TWIN LAKES TRAVEL PARK (Continued)**

**U001343057**

RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	10802
Clean Up Work Status:	INACTIVE
Discharge Date:	01/13/91
Pct Discharge Combined With:	10802
Discharge Cleanup Status:	Eligible - No Task Level Data
Discharge Cleanup Status Date:	10/09/00
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Abandoned Tank Restoration
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	04/17/91
Contaminated Media ID:	8198
Contaminated Drinking Wells:	0
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	No
Pollutant ID:	13797
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**TWIN LAKES TRAVEL PARK (Continued)**

**U001343057**

Score:	10
Cleanup Eligibility Id:	11554
Cleanup Program:	Abandoned Tank Restoration Program
Cleanup Lead :	State
Application Recvd Date:	01/28/91
Letter of Intent Date:	Not reported
Eligibility Status:	07/12/91
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	07/12/91
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	6
Score Ranked :	10
Score Effective :	11/04/97
Rank :	9851
Cleanup Status :	APPL
Facility Status :	CLOSED
Type :	A
Facility Phone :	(305) 587-0101
Operator :	MERRILL S. COHEN

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**TWIN LAKES TRAVEL PARK (Continued)**

U001343057

Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 12442  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 11/05/86  
Responsible Party Name : LAKEWOOD TRAVEL PARK INC  
Responsible Party Address: 3055 BURRIS RD  
FORT LAUDERDALE, FL 33314 - 2208  
Responsible Party Phone : (305) 587-0101  
Contact : Not reported  
Responsible Party Bad Address : No

UST:

Facility ID:	8627721	Facility Type:	Retail Station
Facility Phone:	(305) 587-0101	Facility Status:	CLOSED
Owner Id:	12442		
Owner Name:	LAKEWOOD TRAVEL PARK INC		
Owner Address:	3055 BURRIS RD FORT LAUDERDALE, FL 33314		
Owner Contact:	Not reported	Owner Phone:	(305) 587-0101
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Leaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	01-FEB-1975		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

Facility ID:	8627721	Facility Type:	Retail Station
Facility Phone:	(305) 587-0101	Facility Status:	CLOSED
Owner Id:	12442		
Owner Name:	LAKEWOOD TRAVEL PARK INC		
Owner Address:	3055 BURRIS RD FORT LAUDERDALE, FL 33314		
Owner Contact:	Not reported	Owner Phone:	(305) 587-0101
Tank Content Desc:	Retail Station		
Type Description:	Retail Station		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**TWIN LAKES TRAVEL PARK (Continued)**

U001343057

Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed Tank Status Date: Not reported  
Install Date: 01-FEB-1975  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

75 **FELIX GROUP, THE** BROWARD CO. HM S105212887  
3050 BURRIS RD N/A  
DAVIE, FL 33314

HAZMAT:  
Document Id: 7539

75 **GRUNDMAN FABRICATORS & ERECTOR** BROWARD CO. HM S103298510  
3030 BURRIS RD N/A  
DAVIE, FL 33314

HAZMAT:  
Document Id: 3441

75 **FLORIDA GAS TRANS LAUDERDALE WHSE** RCRIS-SQG 1000450055  
4700 SW 30TH ST FINDS FLD984176685  
FORT LAUDERDALE, FL 33314

RCRIS:  
Owner: DON STERBA, MGR  
(305) 581-0001  
EPA ID: FLD984176685  
Contact: DON STERBA  
(305) 581-0001  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found



MAP FINDINGS

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

**FLORIDA GAS TRANS LAUDERDALE WHSE (Continued)**

1000450055

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Facility Registry System (FRS)  
 Resource Conservation and Recovery Act Information system (RCRAINFO)

75      **DE MOYA GROUP INC, THE**  
**4751 SW 30 ST**  
**DAVIE, FL 33314**

**BROWARD CO. HM**      **S105213001**  
**N/A**

**HAZMAT:**

Document Id:      7538/871110

75      **THE DE MOYA GROUP INC**  
**4751 SW 30TH ST**  
**DAVIE, FL 33314**

**RCRIS-SQG**      **1005442227**  
**FINDS**      **FLR000076471**

**RCRIS:**

Owner:      THE DE MOYA GROUP INC  
                  (305) 255-5713  
 EPA ID:      FLR000076471  
 Contact:      ALVARO DE MOYA  
                  (954) 581-6296

Classification:      Small Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Facility Registry System (FRS)  
 Resource Conservation and Recovery Act Information system (RCRAINFO)

76      **KAELEBELS' MAINT FACILITY**  
**2501 SW31 ST**  
**DANIA BEACH, FL 33312**

**UST**      **U003298970**  
**N/A**

**FL UST Broward County:**

Location ID:      587815  
 Install Date:      12/20/93  
 Tank Size:      10000.0000  
 Tank Type:      UG  
 State ID:      069400098

76      **KAELEBEL MAINT**  
**2501 SW 31ST ST**  
**FORT LAUDERDAL, FL 33317**

**UST**      **U001713316**  
**N/A**

**UST:**

Facility ID:      9400098	Facility Type:	Fuel User / Non-retail
Facility Phone:      (954) 797-7789	Facility Status:	OPEN
Owner Id:      26680		
Owner Name:      KAELEBEL, EDOUARD		
Owner Address:      2501 SW 31ST ST		
DANIA, FL 33312		
Owner Contact:      EDOUARD OR MAUREEN KAELEBEL	Owner Phone:	(305) 797-7789

## MAP FINDINGS

Database(s)	EPA ID Number

U001713316

**Description:** Suction piping system

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

77 FLORIDA PETROLEUM REPROCESSORS  
3211 S.W. 50TH AVENUE  
FORT LAUDERDALE, FL 33314

CERCLIS 1000701468  
RCRIS-SQG FLD984184127  
FINDS  
SWF/LF  
NPL  
Broward Co. EDIEAR

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Status:	Not reported		
Ownership Status:	Unknown	NPL Status:	Currently on the Final NPL
Contact:	Angel (RPM) Berrios	Contact Tel:	(404) 562-4300
Contact Title:	Not reported		
Contact:	BRAD JACKSON	Contact Tel:	(404) 562-8925
Contact Title:	Not reported		
Contact:	JIM MCGUIRE	Contact Tel:	(404) 562-8911
Contact Title:	Not reported		
Contact:	Carol Monell	Contact Tel:	(404) 562-8719
Contact Title:	Not reported		
Contact:	TONY MOORE	Contact Tel:	(404) 347-3931
Contact Title:	Not reported		
Site Description:	REFERRAL FROM REMEDIAL PROGRAM, PLANNED RP REMOVAL, BUT NOT FUND LEAD W/ASSESSMENT.		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	02/16/1996
Assessment:	HRS PACKAGE	Completed:	08/23/1996
Assessment:	ADMIN ORDER ON CONSENT	Completed:	11/22/1996
Assessment:	PRELIMINARY ASSESSMENT	Completed:	03/12/1997
Assessment:	PRP REMOVAL	Completed:	03/18/1997
Assessment:	PROPOSAL TO NPL	Completed:	04/01/1997
Assessment:	ADMINISTRATIVE RECORDS	Completed:	05/07/1997
Assessment:	FINAL LISTING ON NPL	Completed:	03/06/1998
Assessment:	NON-NPL PRP SEARCH	Completed:	06/01/1998
Assessment:	ADMIN ORDER ON CONSENT	Completed:	06/15/1999
Assessment:	COMBINED RI/FS	Completed:	03/01/2001
Assessment:	RECORD OF DECISION	Completed:	03/01/2001
Assessment:	ADMINISTRATIVE RECORDS	Completed:	03/20/2001

CERCLIS Site Status:

Not reported

CERCLIS Alias Name(s):

FLORIDA PETROLEUM REPROCESSORS  
FLORIDA PETROLEUM REPROCESSORS

NPL:

EPA ID: FLD984184127  
Region: 04  
Federal: General  
Final Date: 03/06/1998

NPL Contaminant:

NPL Status: Final  
Substance Id: U002  
Case Num: 67-64-1  
Substance : ACETONE  
Pathway : NOT INDICATED  
GW Scoring : Not reported  
SW Scoring : Not reported  
Air Scoring: Not reported  
Soil Scoring: Not reported  
DC Scoring: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FLORIDA PETROLEUM REPROCESSORS (Continued)**

**1000701468**

FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U078
Case Num:	75-35-4
Substance :	DICHLOROETHENE, 1,1-
Pathway :	NOT INDICATED
GW Scoring :	Not reported
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U080
Case Num:	75-09-2
Substance :	METHYLENE CHLORIDE
Pathway :	NOT INDICATED
GW Scoring :	Not reported
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U210
Case Num:	79-34-5
Substance :	TETRACHLOROETHENE
Pathway :	NOT INDICATED
GW Scoring :	Not reported
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	Z006
Case Num:	Not reported
Substance :	DICHLOROETHENE, cis-1,2-
Pathway :	NOT INDICATED
GW Scoring :	Not reported
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	Z007
Case Num:	Not reported
Substance :	DICHLOROETHENE, trans-1,2-
Pathway :	NOT INDICATED
GW Scoring :	Not reported
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FLORIDA PETROLEUM REPROCESSORS (Continued)

1000701468

FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	C266
Case Num:	75-00-3
Substance :	ETHYL CHLORIDE
Pathway :	The Ground water migration route , or pathway.
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	C596
Case Num:	Not reported
Substance :	DICHLOROETHENE, 1,2-
Pathway :	The Ground water migration route , or pathway.
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U043
Case Num:	108-05-4
Substance :	VINYL CHLORIDE
Pathway :	The Ground water migration route , or pathway.
GW Scoring :	Observed Release & Toxicity
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U076
Case Num:	72-54-8
Substance :	DICHLOROETHANE, 1,1-
Pathway :	The Ground water migration route , or pathway.
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U077
Case Num:	107-06-2
Substance :	DICHLOROETHANE, 1,2-
Pathway :	The Ground water migration route , or pathway.
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FLORIDA PETROLEUM REPROCESSORS (Continued)**

1000701468

FE Scoring: Not reported  
NPL Status: Final  
Substance Id: U226  
Case Num: 71-55-6  
Substance : TRICHLOROETHANE, 1,1,1-  
Pathway : The Ground water migration route , or pathway.  
GW Scoring : Observed Release  
SW Scoring : Not reported  
Air Scoring: Not reported  
Soil Scoring: Not reported  
DC Scoring: Not reported  
FE Scoring: Not reported

NPL Status: Final  
Substance Id: U228  
Case Num: 79-01-6  
Substance : TRICHLOROETHYLENE (TCE), 1,1,2-  
Pathway : The Ground water migration route , or pathway.  
GW Scoring : Observed Release  
SW Scoring : Not reported  
Air Scoring: Not reported  
Soil Scoring: Not reported  
DC Scoring: Not reported  
FE Scoring: Not reported

NPL Site:  
CERCLIS Id: FLD984184127  
Site City: Fort Lauderdale  
Site State: FL  
NPL Status: Final  
Status Date: 03/06/98  
Federal Site: Not reported  
HRS Score: 50.00  
GW Score: 100.00  
SW Score: 0.00  
Air Score: 0.00  
Soil Score: 0.00  
DC Score: 0.00  
FE Score: 0.00

NPL Char:  
NPL Status: Final  
Category Description: DEPTH TO AQUIFER  
Category Value: <= 10 Feet  
NPL Status: Final  
Category Description: DISTANCE TO NEAREST POPULATION  
Category Value: >0 and <=1/4 Mile  
NPL Status: Final  
Category Description: OBSERVED RELEASE-Ground Water  
Category Value: Not reported  
NPL Status: Final  
Category Description: OTHER GROUND WATER USE-Irrigation  
Category Value: Not reported  
NPL Status: Final  
Category Description: PHYSICAL STATE-Liquid  
Category Value: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FLORIDA PETROLEUM REPROCESSORS (Continued)**

**1000701468**

NPL Status:	Final
Category Description:	SITE ACTIVITY WASTE SOURCE-Federal
Category Value:	Not reported
NPL Status:	Final
Category Description:	SITE ACTIVITY WASTE SOURCE-Federal Other
Category Value:	Not reported
NPL Status:	Final
Category Description:	SITE ACTIVITY WASTE SOURCE-Manufacturing
Category Value:	Not reported
NPL Status:	Final
Category Description:	SITE ACTIVITY WASTE SOURCE-Manufacturing Petro Refining
Category Value:	Not reported
NPL Status:	Final
Category Description:	SITE ACTIVITY WASTE SOURCE-Recycling
Category Value:	Not reported
NPL Status:	Final
Category Description:	SITE ACTIVITY WASTE SOURCE-Recycling Waste Oil
Category Value:	Not reported
NPL Status:	Final
Category Description:	SURFACE WATER ADJACENT TO SITE-Canal
Category Value:	Contamination Unknown
NPL Status:	Final
Category Description:	SURFACE WATER ADJACENT TO SITE-Lake/Reservoir
Category Value:	Contamination Unknown
NPL Status:	Final
Category Description:	SURFACE WATER ADJACENT TO SITE-Pond
Category Value:	Contamination Unknown

**RCRIS:**

Owner: HARVEY GORDON  
 (305) 345-9118  
 EPA ID: FLD984184127  
 Contact: HARVEY GORDON  
 (305) 345-9118

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

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

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FLORIDA PETROLEUM REPROCESSORS (Continued)**

**1000701468**

**LF:**

Facility ID:	54301	Facility Type:	Not reported
Address:	Not reported		
	Not reported		
GMS_ID:	5006P02965	District:	SED
Owner Type:	PRIVATE		
Liner Type:	Not reported	Location Type:	Not reported
Section:	25-50S-41		
Class Type:	USED OIL RECYCLING		
Lat/Long:	26:4:58.35 / 80:12:54.41		
Facility ID:	54613	Facility Type:	Not reported
Address:	Not reported		
	Not reported		
GMS_ID:	5006P04098	District:	SED
Owner Type:	PRIVATE		
Liner Type:	Not reported	Location Type:	Not reported
Section:	23-50S-41		
Class Type:	USED OIL RECYCLING		
Lat/Long:	26:4:58.35 / 80:12:54.41		

**FL BROWARD COUNTY EDIEAR:**

Facility ID:	3529
Region:	BROWARD
Facility Type:	NON-RETAIL
Facility Department:	068735271
Program Type:	USEPA
Pollutant Type:	USED OIL
Lead Agency:	EPA
Site Studies:	Not reported
Remedy Selected:	Yes
Remedy Design:	No
Cleanup Ongoing:	No
Project Completed:	No
Environmental Assessment	Remediation License: Not reported
Wellfield Site:	Not reported
Wellfield Site 2:	Yes

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**FL PETROLEUM REPROCESSORS INC  
3211 SW 50TH AVE  
DAVIE, FL 33314**

**LUST S101264617  
AST N/A**

**LUST:**

Facility ID:	8735271	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	024	Township:	50S
Range:	41E	Lat/long:	26° 4' 20" / 80° 14' 40"
Facility Status:	CLOSED	Facility Type:	Fuel User / Non-retail
Operator:	GORDON GEORGE		
Facility Phone:	(305) 584-5500		
Related Party:	FL PETROLEUM REPROCESSORS		
Related Party Addr:	PO BOX 3198 BOYNTON BEACH, FL 33424 - 3198		
RP Bad Address:	No		
Related Party ID:	7533	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	GEORGE GORDON		
Related Party Phone:	Not reported		
Related Party Begin:	05/20/94	Contamination ID:	9595
Name Update:	Not reported	Address Update:	Not reported
Facility Cleanup Status:	Ongoing (Explanation: At least one cleanup activity is in progress at a related		



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FL PETROLEUM REPROCESSORS INC (Continued)**

**S101264617**

	discharge)
Facility Cleanup Score:	6
Facility Cleanup Rank:	13865
Discharge ID:	11134
Clean Up Work Status:	INACTIVE
Discharge Date:	07/06/84
Pct Discharge Combined With:	11134
Discharge Cleanup Status:	RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)
Discharge Cleanup Status Date:	02/07/02
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	EDI
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	04/21/87
Contaminated Media ID:	8363
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	Yes
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14077
Pollutant Substance:	Z
Substance Category:	Exempt Substances
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	6
Cleanup Eligibility Id:	11892
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	Reimbursement
Application Recvd Date:	Not reported
Letter of Intent Date:	07/30/86
Eligibility Status:	05/13/92
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	05/13/92
RAP Task ID:	63760
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	64477
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	26122
SA Cleanup Responsible:	Responsible Party
SA Actual Completion Date:	03/06/92

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FL PETROLEUM REPROCESSORS INC (Continued)**

**S101264617**

SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Received: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 6  
Score Effective : 11/04/97  
Rank : 13865  
Cleanup Status : ONGO  
Facility Status : CLOSED  
Type : C  
Facility Phone : (305) 584-5500  
Operator : GORDON GEORGE  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 7533  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/20/94  
Responsible Party Name : FL PETROLEUM REPROCESSORS  
Responsible Party Address: PO BOX 3198  
BOYNTON BEACH, FL 33424 - 3198  
  
Responsible Party Phone : Not reported  
Contact : GEORGE GORDON  
Responsible Party Bad Address : No

**AST:**

Facility ID:	8735271	Tank ID:	1
Facility Phone:	(305) 584-5500		
Facility Type:	Fuel User / Non-retail	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Waste Oil
Substance:			
Description:	Waste oil		
Gallons:	15000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	Removed	Status Date:	01-NOV-1997
Install Date:	Not reported		
Owner Id:	7533	Owner Phone:	Not reported
Owner Name:	FL PETROLEUM REPROCESSORS		
Owner Contact:	GEORGE GORDON		
Owner Address:	PO BOX 3198 BOYNTON BEACH, FL 33424		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number  
EPA ID Number

Database(s)

**FL PETROLEUM REPROCESSORS INC (Continued)**

**S101264617**

**Tank Construction:**

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

**Petro Monitoring:**

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

**Tank Piping:**

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

Facility ID: 8735271  
Facility Phone: (305) 584-5500  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 12  
Facility Status: CLOSED  
Vessel Indicator: TANK  
Content Description: Waste Oil

Substance:  
Description: Waste oil  
Gallons: 10000  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01

Tank Status: Removed  
Install Date: Not reported  
Owner Id: 7533  
Owner Name: FL PETROLEUM REPROCESSORS  
Owner Contact: GEORGE GORDON  
Owner Address: PO BOX 3198  
BOYNTON BEACH, FL 33424

Status Date: 01-NOV-1997  
Owner Phone: Not reported

**Tank Construction:**

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

**Petro Monitoring:**

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

**Tank Piping:**

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

Facility ID: 8735271  
Facility Phone: (305) 584-5500  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 11  
Facility Status: CLOSED  
Vessel Indicator: TANK  
Content Description: Waste Oil

Substance:  
Description: Waste oil  
Gallons: 2000  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01

Tank Status: Removed  
Install Date: 01-DEC-1989

Status Date: 01-NOV-1997

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FL PETROLEUM REPROCESSORS INC (Continued)**

**S101264617**

Owner Id:	7533	Owner Phone:	Not reported
Owner Name:	FL PETROLEUM REPROCESSORS		
Owner Contact:	GEORGE GORDON		
Owner Address:	PO BOX 3198 BOYNTON BEACH, FL 33424		

Tank Construction:

Tank Id:	Not reported
Construction Desc:	Not reported
Category:	Not reported
Description:	Not reported

Petro Monitoring:

Monitoring Desc:	Not reported
Category:	Not reported
Description:	Not reported

Tank Piping:

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

Facility ID:	8735271	Tank ID:	3
Facility Phone:	(305) 584-5500		
Facility Type:	Fuel User / Non-retail	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Waste Oil

Substance:

Description:	Waste oil
Gallons:	17000
Category:	Petroleum Pollutant
Regulation Began:	1991-04-01

Tank Status:	Removed	Status Date:	01-NOV-1997
Install Date:	Not reported		

Owner Id:	7533	Owner Phone:	Not reported
Owner Name:	FL PETROLEUM REPROCESSORS		
Owner Contact:	GEORGE GORDON		
Owner Address:	PO BOX 3198 BOYNTON BEACH, FL 33424		

Tank Construction:

Tank Id:	Not reported
Construction Desc:	Not reported
Category:	Not reported
Description:	Not reported

Petro Monitoring:

Monitoring Desc:	Not reported
Category:	Not reported
Description:	Not reported

Tank Piping:

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

Facility ID:	8735271	Tank ID:	8
Facility Phone:	(305) 584-5500		
Facility Type:	Fuel User / Non-retail	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Waste Oil
Substance:			
Description:	Waste oil		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FL PETROLEUM REPROCESSORS INC (Continued)**

**S101264617**

Gallons:	30000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	Removed	Status Date:	01-NOV-1997
Install Date:	01-DEC-1989		
Owner Id:	7533	Owner Phone:	Not reported
Owner Name:	FL PETROLEUM REPROCESSORS		
Owner Contact:	GEORGE GORDON		
Owner Address:	PO BOX 3198		
	BOYNTON BEACH, FL 33424		

Tank Construction:

Tank Id:	Not reported
Construction Desc:	Not reported
Category:	Not reported
Description:	Not reported

Petro Monitoring:

Monitoring Desc:	Not reported
Category:	Not reported
Description:	Not reported

Tank Piping:

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

Facility ID:	8735271	Tank ID:	9
Facility Phone:	(305) 584-5500		
Facility Type:	Fuel User / Non-retail	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Waste Oil

Substance:			
Description:	Waste oil		
Gallons:	10000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	Removed	Status Date:	01-NOV-1997
Install Date:	01-DEC-1989		
Owner Id:	7533	Owner Phone:	Not reported
Owner Name:	FL PETROLEUM REPROCESSORS		
Owner Contact:	GEORGE GORDON		
Owner Address:	PO BOX 3198		
	BOYNTON BEACH, FL 33424		

Tank Construction:

Tank Id:	Not reported
Construction Desc:	Not reported
Category:	Not reported
Description:	Not reported

Petro Monitoring:

Monitoring Desc:	Not reported
Category:	Not reported
Description:	Not reported

Tank Piping:

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

Facility ID:	8735271	Tank ID:	10
Facility Phone:	(305) 584-5500		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FL PETROLEUM REPROCESSORS INC (Continued)**

**S101264617**

Facility Type:	Fuel User / Non-retail	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Waste Oil
Substance:			
Description:	Waste oil		
Gallons:	10000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	Removed	Status Date:	01-NOV-1997
Install Date:	01-DEC-1989		
Owner Id:	7533	Owner Phone:	Not reported
Owner Name:	FL PETROLEUM REPROCESSORS		
Owner Contact:	GEORGE GORDON		
Owner Address:	PO BOX 3198 BOYNTON BEACH, FL 33424		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8735271	Tank ID:	4
Facility Phone:	(305) 584-5500		
Facility Type:	Fuel User / Non-retail	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Waste Oil
Substance:			
Description:	Waste oil		
Gallons:	15000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	Removed	Status Date:	01-NOV-1997
Install Date:	Not reported		
Owner Id:	7533	Owner Phone:	Not reported
Owner Name:	FL PETROLEUM REPROCESSORS		
Owner Contact:	GEORGE GORDON		
Owner Address:	PO BOX 3198 BOYNTON BEACH, FL 33424		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FL PETROLEUM REPROCESSORS INC (Continued)**

**S101264617**

Category: Not reported  
Description: Not reported

Facility ID: 8735271  
Facility Phone: (305) 584-5500  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 2  
Facility Status: CLOSED  
Vessel Indicator: TANK  
Content Description: Waste Oil

Substance:  
Description: Waste oil  
Gallons: 16000  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01

Tank Status: Removed

Status Date: 01-NOV-1997

Install Date: Not reported

Owner Id: 7533

Owner Phone: Not reported

Owner Name: FL PETROLEUM REPROCESSORS

Owner Contact: GEORGE GORDON

Owner Address: PO BOX 3198  
BOYNTON BEACH, FL 33424

**Tank Construction:**

Tank Id: Not reported

Construction Desc: Not reported

Category: Not reported

Description: Not reported

**Petro Monitoring:**

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

**Tank Piping:**

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Facility ID: 8735271  
Facility Phone: (305) 584-5500  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 7  
Facility Status: CLOSED  
Vessel Indicator: TANK  
Content Description: Fuel Oil - Onsite Heat

Substance:  
Description: Fuel oil-on site heat  
Gallons: 3000  
Category: Exempt Substances  
Regulation Began: 1986-07-01

Tank Status: Removed

Status Date: 01-NOV-1997

Install Date: Not reported

Owner Id: 7533

Owner Phone: Not reported

Owner Name: FL PETROLEUM REPROCESSORS

Owner Contact: GEORGE GORDON

Owner Address: PO BOX 3198  
BOYNTON BEACH, FL 33424

**Tank Construction:**

Tank Id: Not reported

Construction Desc: Not reported

Category: Not reported

Description: Not reported

**Petro Monitoring:**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FL PETROLEUM REPROCESSORS INC (Continued)

S101264617

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8735271  
Facility Phone: (305) 584-5500  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 5  
Facility Status: CLOSED  
Vessel Indicator: TANK  
Content Description: Leaded Gas

Substance:  
Description: Leaded gas  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Tank Status: Removed  
Install Date: Not reported  
Owner Id: 7533  
Owner Name: FL PETROLEUM REPROCESSORS  
Owner Contact: GEORGE GORDON  
Owner Address: PO BOX 3198  
BOYNTON BEACH, FL 33424

Status Date: 01-NOV-1997  
Owner Phone: Not reported

Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8735271  
Facility Phone: (305) 584-5500  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 6  
Facility Status: CLOSED  
Vessel Indicator: TANK  
Content Description: Leaded Gas

Substance:  
Description: Leaded gas  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Tank Status: Removed  
Install Date: Not reported  
Owner Id: 7533  
Owner Name: FL PETROLEUM REPROCESSORS  
Owner Contact: GEORGE GORDON  
Owner Address: PO BOX 3198  
BOYNTON BEACH, FL 33424

Status Date: 01-NOV-1997  
Owner Phone: Not reported

Tank Construction:



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FL PETROLEUM REPROCESSORS INC (Continued)**

**S101264617**

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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**CONTINENTAL FL MATERIALS INC  
3575 SW 49TH WAY  
DAVIE, FL 33314**

**LUST S105064448  
AST N/A**

**LUST:**

Facility ID:	8734868	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 4' 37" / 80° 12' 50"
Facility Status:	OPEN	Facility Type:	Fuel User / Non-retail
Operator:	JACK RAIMONDI		
Facility Phone:	(954) 351-1800		
Related Party:	CONTINENTAL FLORIDA MATERIALS INC		
Related Party Addr:	6600 N ANDREWS AVE #200 ATTN: JACK RAIMONDI FORT LAUDERDALE, FL 33309		

RP Bad Address: No  
Related Party ID: 45733  
Related Party Contact: TIM KOPEC  
Related Party Phone: (954) 351-1800  
Related Party Begin: 04/14/99  
Name Update: 05/30/01  
Facility Cleanup Status: Not Required (Explanation: All related discharges either did not require cleanup per Chapter 17-770 rule, or no contamination was found by inspection)

Related Party Role: ACCOUNT OWNER

Facility Cleanup Score: 30  
Facility Cleanup Rank: 5143  
Discharge ID: 11137  
Clean Up Work Status: COMPLETED  
Discharge Date: 08/11/87  
Pct Discharge Combined With: 11137  
Discharge Cleanup Status: Cleanup Not Required (Explanation: Cleanup Not Required by Chapter 17-770 Rules)  
Discharge Cleanup Status Date: 05/29/01  
Clean Up Required by 62-770: No Cleanup Required  
Information Source: EDI  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: Not reported  
Inspection Date: 05/17/88  
Contaminated Media ID: Not reported  
Contaminated Drinking Wells: Not reported  
Contaminated Soil: Not reported  
Contaminated Surface Water: Not reported  
Contaminated Ground Water: Not reported  
Contaminated Monitoring Well: Not reported  
Pollutant ID: 14080

Contamination ID: 9598  
Address Update: 05/30/01

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CONTINENTAL FL MATERIALS INC (Continued)

S105064448

Pollutant Substance: Z  
Substance Category: Exempt Substances  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: Not reported  
Cleanup Eligibility Id: 11895  
Cleanup Program: Early Detection Initiative  
Cleanup Lead : State  
Application Recvd Date: 08/13/87  
Letter of Intent Date: Not reported  
Eligibility Status: 08/12/88  
Eligibility Status Date: I  
Redetermined: No  
Eligibility Letter Sent: 08/12/88  
  
RAP Task ID: 26133  
RAP Cleanup Responsible: State  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 26134  
RA Cleanup Responsible: State  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 26132  
SA Cleanup Responsible: State  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: 26131  
SR Cleanup Responsible: State  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
Discharge ID: 52891  
Clean Up Work Status: COMPLETED  
Discharge Date: 07/31/00  
Pct Discharge Combined With: 52891

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CONTINENTAL FL MATERIALS INC (Continued)

S105064448

Discharge Cleanup Status:	SRCR Complete (Explanation: Site Rehabilitation Completion Report has been Approved)
Discharge Cleanup Status Date:	10/21/02
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	09/27/02
Inspection Date:	11/06/00
Contaminated Media ID:	21888
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Yes
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	35674
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	30
Cleanup Eligibility Id:	Not reported
Cleanup Program:	Not reported
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	64137
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	65187
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	SRCR
SRC Submit Date:	09/13/02
SRC Review Date:	10/18/02
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	67310
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**CONTINENTAL FL MATERIALS INC (Continued)**

**S105064448**

Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	53776
Clean Up Work Status:	ACTIVE
Discharge Date:	01/17/02
Pct Discharge Combined With:	53776
Discharge Cleanup Status:	SA Ongoing (Explanation: Site Assessment Cleanup Activity In Progress)
Discharge Cleanup Status Date:	08/28/02
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Other
Other Source Description:	TANKS DISCOVERED
Discharge Lead Agency:	Local Program
Score Effective Date:	09/27/02
Inspection Date:	05/16/02
Contaminated Media ID:	22723
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	36599
Pollutant Substance:	Vehicular diesel
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	30
Cleanup Eligibility Id:	Not reported
Cleanup Program:	Not reported
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CONTINENTAL FL MATERIALS INC (Continued)

S105064448

SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	68738
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	53776
Clean Up Work Status:	ACTIVE
Discharge Date:	01/17/02
Pct Discharge Combined With:	53776
Discharge Cleanup Status:	SA Ongoing (Explanation: Site Assessment Cleanup Activity In Progress)
Discharge Cleanup Status Date:	08/28/02
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Other
Other Source Description:	TANKS DISCOVERED
Discharge Lead Agency:	Local Program
Score Effective Date:	09/27/02
Inspection Date:	05/16/02
Contaminated Media ID:	22723
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	36600
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	30
Cleanup Eligibility Id:	Not reported
Cleanup Program:	Not reported
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**CONTINENTAL FL MATERIALS INC (Continued)**

**S105064448**

Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	68738
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported

County Code :	6
Score Ranked :	30
Score Effective :	09/27/02
Rank :	5143
Cleanup Status :	NREQ
Facility Status :	OPEN
Type :	C
Facility Phone :	(954) 351-1800
Operator :	JACK RAIMONDI
Name Update :	05/30/01
Address Update :	05/30/01
Primary Responsible Party Id :	45733
Primary Responsible Party Role :	ACCOUNT OWNER
Responsible Party Begin Date :	04/14/99
Responsible Party Name :	CONTINENTAL FLORIDA MATERIALS INC
Responsible Party Address:	6600 N ANDREWS AVE #200 ATTN: JACK RAIMONDI

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**CONTINENTAL FL MATERIALS INC (Continued)**

**S105064448**

FORT LAUDERDALE, FL 33309

Responsible Party Phone : (954) 351-1800

Contact : TIM KOPEC

Responsible Party Bad Address : No

**AST:**

Facility ID:	8734868	Tank ID:	2
Facility Phone:	(954) 351-1800		
Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Waste Oil

**Substance:**

Description: Waste oil  
Gallons: 700  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01

Tank Status:	Removed	Status Date:	01-JAN-2000
Install Date:	Not reported		
Owner Id:	45733	Owner Phone:	(954) 351-1800
Owner Name:	CONTINENTAL FLORIDA MATERIALS INC		
Owner Contact:	TIM KOPEC		
Owner Address:	6600 N ANDREWS AVE #200 ATTN: JACK RAIMONDI FORT LAUDERDALE, FL 33309		

**Tank Construction:**

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

**Petro Monitoring:**

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

**Tank Piping:**

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

Facility ID:	8734868	Tank ID:	1
Facility Phone:	(954) 351-1800		
Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Unleaded Gas

**Substance:**

Description: Unleaded gas  
Gallons: 1000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status:	Removed	Status Date:	01-JAN-2000
Install Date:	Not reported		
Owner Id:	45733	Owner Phone:	(954) 351-1800
Owner Name:	CONTINENTAL FLORIDA MATERIALS INC		
Owner Contact:	TIM KOPEC		
Owner Address:	6600 N ANDREWS AVE #200 ATTN: JACK RAIMONDI FORT LAUDERDALE, FL 33309		

**Tank Construction:**

Tank Id: Not reported

MAP FINDINGS

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

CONTINENTAL FL MATERIALS INC (Continued)

S105064448

Construction Desc: Not reported  
 Category: Not reported  
 Description: Not reported  
 Petro Monitoring:  
 Monitoring Desc: Not reported  
 Category: Not reported  
 Description: Not reported  
 Tank Piping:  
 Piping Desc: Not reported  
 Category: Not reported  
 Description: Not reported

Facility ID:	8734868	Tank ID:	3
Facility Phone:	(954) 351-1800		
Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Vehicular Diesel
Substance:			
Description:	Vehicular diesel		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	In service	Status Date:	Not reported
Install Date:	Not reported		
Owner Id:	45733	Owner Phone:	(954) 351-1800
Owner Name:	CONTINENTAL FLORIDA MATERIALS INC		
Owner Contact:	TIM KOPEC		
Owner Address:	6600 N ANDREWS AVE #200 ATTN: JACK RAIMONDI FORT LAUDERDALE, FL 33309		

Tank Construction:  
 Tank Id: 3  
 Construction Desc: Steel  
 Category: Primary Construction  
 Description: Steel  
  
 Tank Id: 3  
 Construction Desc: Level gauges/alarms  
 Category: Overfill/Spill  
 Description: Level gauges/hi level alarms

Tank Id: 3  
 Construction Desc: Built on supports  
 Category: Miscellaneous Attributes  
 Description: Built on Supports  
 Petro Monitoring:  
 Monitoring Desc: Visual inspection of ASTs  
 Category: Q  
 Description: Q  
 Tank Piping:  
 Piping Desc: Steel/galvanized metal  
 Category: Primary Construction  
 Description: Steel or Galvanized Metal

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ATLAS WASTE MAGIC- CENTRAL FACILITY  
 3250 FIELDS ROAD  
 DAVIE, FL

SWF/LF S103393721  
 N/A



MAP FINDINGS

Map ID

Direction

Distance

Distance (ft.)Site

EDR ID Number

Database(s)

EPA ID Number

ATLAS WASTE MAGIC- CENTRAL FACILITY (Continued)

S103393721

LF:

Facility ID:	55468	Facility Type:	Not reported
Address:	Not reported		
	Not reported		
GMS_ID:	5006P07787	District:	SED
Owner Type:	PRIVATE		
Liner Type:	Not reported	Location Type:	O
Section:	24-50S-41		
Class Type:	MATERIAL RECOVERY		
Lat/Long:	26:4:58.1 / 80:12:46.3		

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DRY MARINAS INC  
1850 SE 36TH ST  
FORT LAUDERDAL, FL 33316

LUST U001343568  
UST N/A

LUST:

Facility ID:	8838188	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 4' 43" / 80° 7' 13"
Facility Status:	OPEN	Facility Type:	Marine Fueling facility
Operator:	TOM JARKESY		
Facility Phone:	(954) 525-2904		
Related Party:	DRY MARINAS INC		
Related Party Addr:	PO BOX 13052 FORT LAUDERDALE, FL 33316		
RP Bad Address:	Not reported		
Related Party ID:	6117	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	ARLENE		
Related Party Phone:	(954) 525-2904		
Related Party Begin:	01/28/88	Contamination ID:	9111
Name Update:	Not reported	Address Update:	04/08/99
Facility Cleanup Status:	Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default)		
Facility Cleanup Score:	11		
Facility Cleanup Rank:	9139		
Discharge ID:	10558		
Clean Up Work Status:	INACTIVE		
Discharge Date:	04/14/94		
Pct Discharge Combined With:	10558		
Discharge Cleanup Status:	Partial Eligibility - No Task Level Data		
Discharge Cleanup Status Date:	10/09/00		
Clean Up Required by 62-770:	New Cleanup Required		
Information Source:	Discharge Notification		
Other Source Description:	Not reported		
Discharge Lead Agency:	Local Program		
Score Effective Date:	01/06/98		
Inspection Date:	06/28/94		
Contaminated Media ID:	Not reported		
Contaminated Drinking Wells:	Not reported		
Contaminated Soil:	Not reported		
Contaminated Surface Water:	Not reported		
Contaminated Ground Water:	Not reported		
Contaminated Monitoring Well:	Not reported		
Pollutant ID:	13499		
Pollutant Substance:	Unleaded gas		
Substance Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Pollutant Other Description:	Not reported		

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s)

EPA ID Number

**DRY MARINAS INC (Continued)**

**U001343568**

Gallons Discharged:	Not reported
Score:	11
Cleanup Eligibility Id:	11306
Cleanup Program:	Petroleum Liability Insurance and Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	08/22/94
Letter of Intent Date:	08/22/94
Eligibility Status:	09/12/94
Eligibility Status Date:	P
Redetermined:	No
Eligibility Letter Sent:	09/12/94
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	10559
Clean Up Work Status:	INACTIVE
Discharge Date:	02/04/93
Pct Discharge Combined With:	10559
Discharge Cleanup Status:	Report of Discharge Recieved
Discharge Cleanup Status Date:	10/09/00
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DRY MARINAS INC (Continued)**

**U001343568**

Other Source Description:	Not reported
Discharge Lead Agency:	Not reported
Score Effective Date:	01/06/98
Inspection Date:	02/12/93
Contaminated Media ID:	8029
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Contaminated Monitoring Well:	No
Pollutant ID:	13500
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	11
Cleanup Eligibility Id:	11307
Cleanup Program:	Petroleum Contamination Participation Program
Cleanup Lead :	Preapproval
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	No
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DRY MARINAS INC (Continued)**

**U001343568**

SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported

County Code : 6  
Score Ranked : 11  
Score Effective : 11/04/97  
Rank : 9139  
Cleanup Status : REPT  
Facility Status : OPEN  
Type : V  
Facility Phone : (954) 525-2904  
Operator : TOM JARKESY  
Name Update : Not reported  
Address Update : 04/08/99  
Primary Responsible Party Id : 6117  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 01/28/88  
Responsible Party Name : DRY MARINAS INC  
Responsible Party Address: PO BOX 13052  
FORT LAUDERDALE, FL 33316  
Responsible Party Phone : (954) 525-2904  
Contact : ARLENE  
Responsible Party Bad Address : Not reported

**UST:**

Facility ID: 8838188	Facility Type: Marine Fueling facility
Facility Phone: (954) 525-2904	Facility Status: OPEN
Owner Id: 6117	
Owner Name: DRY MARINAS INC	
Owner Address: PO BOX 13052 FORT LAUDERDALE, FL 33316	
Owner Contact: ARLENE	Owner Phone: (954) 525-2904
Tank Content Desc: Marine Fueling/Coastal	
Type Description: Marine Fueling/Coastal	
Tank Id: 1	Vessel Indicator: TANK
Tank Location: UNDERGROUND	
Substance:	
Description: Unleaded gas	
Gallons: 4000	
Category: Vehicular Fuels	
Regulation Began: 1986-07-01	
Tank Status: In service	Tank Status Date: Not reported
Install Date: 01-OCT-1969	
Tank Construction:	
Tank Id: 1	
Construction Desc: Fiberglass	
Category: Primary Construction	
Description: Fiberglass	
Tank Id: 1	
Construction Desc: Spill containment bucket	
Category: Overfill/Spill	
Description: Spill containment bucket	
Petro Monitoring:	

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DRY MARINAS INC (Continued)**

**U001343568**

Monitoring Desc: Groundwater Monitoring Plan  
Category: Site/General  
Description: Groundwater monitoring plan

Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

Facility ID: 8838188  
Facility Phone: (954) 525-2904  
Owner Id: 6117  
Owner Name: DRY MARINAS INC  
Owner Address: PO BOX 13052  
FORT LAUDERDALE, FL 33316

Facility Type: Marine Fueling facility  
Facility Status: OPEN

Owner Contact: ARLENE  
Tank Content Desc: Marine Fueling/Coastal  
Type Description: Marine Fueling/Coastal  
Tank Id: 2  
Tank Location: UNDERGROUND

Owner Phone: (954) 525-2904

Substance:  
Description: Unleaded gas  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Vessel Indicator: TANK

Tank Status: In service  
Install Date: 01-OCT-1969

Tank Status Date: Not reported

Tank Construction:  
Tank Id: 2  
Construction Desc: Spill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 2  
Construction Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass

Petro Monitoring:  
Monitoring Desc: Visual inspect pipe sumps  
Category: Miscellaneous  
Description: Visual Inspections of Piping Sumps

Monitoring Desc: Visual inspect dispenser liners  
Category: Miscellaneous  
Description: Visual Inspection of Dispenser Liners

MAP FINDINGS

Map ID  
Direction

EDR ID Number

Distance

Distance (ft.)Site

Database(s)

EPA ID Number

**DRY MARINAS INC (Continued)**

**U001343568**

Monitoring Desc: Groundwater Monitoring Plan  
Category: Site/General  
Description: Groundwater monitoring plan  
Tank Piping:  
Piping Desc: Fiberglass  
Category: Primary Construction  
Description: Fiberglass  
  
Piping Desc: Dispenser liners  
Category: Miscellaneous Attributes  
Description: Dispenser liners

78

**DRY MARINAS INC**  
**1850 SW 36 ST**  
**FORT LAUDERDALE, FL 33315**

**Broward Co. EDIEAR S101226245**  
**N/A**

FL BROWARD COUNTY EDIEAR:  
Facility ID: 1858  
Region: BROWARD  
Facility Type: Not reported  
Facility Department: 068838188  
Program Type: FDEP  
Pollutant Type: PETROLEUM  
Lead Agency: BCDPEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

78

**BROWARD INDUSTRIAL PLATING CO**  
**1881 SW 36TH ST**  
**FORT LAUDERDALE, FL 33335**

**RCRIS-SQG 1000698926**  
**FINDS FLD055376990**  
**CERC-NFRAP**

CERCLIS-NFRAP Classification Data:  
Site Incident Category: Not reported  
Non NPL Code: NFRAP  
Ownership Status: Other  
CERCLIS-NFRAP Assessment History:  
Assessment: DISCOVERY  
Assessment: PRELIMINARY ASSESSMENT  
Assessment: HRS PACKAGE  
Assessment: SITE INSPECTION  
Assessment: ARCHIVE SITE  
CERCLIS-NFRAP Alias Name(s):  
BROWARD INDUSTRIAL PLATING CO

Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Completed: 11/01/1979  
Completed: 05/01/1981  
Completed: 12/01/1982  
Completed: 09/28/1989  
Completed: 01/23/1996

MAP FINDINGS

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

**BROWARD INDUSTRIAL PLATING CO (Continued)**

1000698926

RCRIS:

Owner: BERNARD DEVLIN, QUAL CON  
(305) 525-2667

EPA ID: FLD055376990

Contact: BERNARD DEVLIN  
(305) 525-2667

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

78

**AEROSPACE PRECISION INC**  
3385 SW 13TH AVE  
FORT LAUDERDALE, FL 33315

RCRIS-SQG 1004685136  
FINDS FLR000046417

RCRIS:

Owner: PIERRE PINSONNAULT  
(253) 661-9600

EPA ID: FLR000046417

Contact: WILLIAM TIBBITS  
(253) 661-9600

Classification: Conditionally Exempt Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

78

**AEROSPACE PRECISION INC**  
3385 SW 13 AVE  
FT LAUDERDALE, FL 33315

BROWARD CO. HM 1004293486  
N/A

HAZMAT:

Document Id: 3728

78

**EMERY WORLDWIDE AIRLINES**  
1800 SW 34 ST  
FT LAUDERDALE, FL 33315

BROWARD CO. HM S105213029  
N/A

HAZMAT:

Document Id: Not reported

MAP FINDINGS

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

78	<b>KILO PAK MARINE ELEC GEN SYS</b>	<b>RCRIS-SQG</b>	<b>1000450060</b>
	<b>3333 SW 13TH AVE</b>	<b>FINDS</b>	<b>FLD984175943</b>
	<b>FORT LAUDERDALE, FL 33315</b>		

RCRIS:

Owner: WAYNE BRIDGES, PRES  
(305) 763-8216

EPA ID: FLD984175943

Contact: WAYNE BRIDGES  
(305) 763-8216

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

78	<b>FORMICA FOODS CO.</b>	<b>LUST</b>	<b>U001343628</b>
	<b>3381 SW 15TH AVE</b>	<b>UST</b>	<b>N/A</b>
	<b>FORT LAUDERDAL, FL 33315</b>	<b>Broward Co. EDIEAR</b>	

LUST:

Facility ID:	8840199	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 4' 52" / 80° 9' 41"
Facility Status:	CLOSED	Facility Type:	State Government
Operator:	DEPT. OF TRANSPORTATION		
Facility Phone:	(904) 488-2911		
Related Party:	FL DEPT OF TRANSPORTATION DIST 4		
Related Party Addr:	3400 W COMMERCIAL BLVD ATTN: DESMOND TILLES FORT LAUDERDALE, FL 33309		

RP Bad Address: No

Related Party ID: 24716      Related Party Role: ACCOUNT OWNER

Related Prty Contact: DESMOND L TILLES SC 436 7600

Related Party Phone: (954) 776-4300

Related Party Begin: 11/23/92      Contamination ID: 9554

Name Update: Not reported      Address Update: Not reported

Facility Cleanup Status: Application (Explanation: Cleanup program application has been received)

Facility Cleanup Score: 10

Facility Cleanup Rank: 9851

Discharge ID: 11088

Clean Up Work Status: INACTIVE

Discharge Date: 11/10/86

Pct Discharge Combined With: 11088

Discharge Cleanup Status: Eligible - No Task Level Data

Discharge Cleanup Status Date: 10/09/00

Clean Up Required by 62-770: New Cleanup Required

Information Source: EDI

Other Source Description: Not reported

Discharge Lead Agency: Local Program

Score Effective Date: 09/07/99

Inspection Date: 03/10/88

Contaminated Media ID: 8325



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FORMICA FOODS CO. (Continued)**

**U001343628**

Contaminated Drinking Wells: 0  
Contaminated Soil: Yes  
Contaminated Surface Water: No  
Contaminated Ground Water: No  
Contaminated Monitoring Well: No  
Pollutant ID: 14019  
Pollutant Substance: Leaded gas  
Substance Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Pollutant Other Description: Not reported  
Gallons Discharged: Not reported  
Score: 10  
Cleanup Eligibility Id: 11844  
Cleanup Program: Early Detection Initiative  
Cleanup Lead : State  
Application Recvd Date: 11/19/86  
Letter of Intent Date: Not reported  
Eligibility Status: 04/12/88  
Eligibility Status Date: E  
Redetermined: No  
Eligibility Letter Sent: 04/12/88  
  
RAP Task ID: 25982  
RAP Cleanup Responsible: Local Program  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 25983  
RA Cleanup Responsible: Local Program  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 25981  
SA Cleanup Responsible: Local Program  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: 25980  
SR Cleanup Responsible: State  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FORMICA FOODS CO. (Continued)**

U001343628

SR Alternate Procedure Comment: Not reported

County Code : 6  
Score Ranked : 10  
Score Effective : 09/07/99  
Rank : 9851  
Cleanup Status : APPL  
Facility Status : CLOSED  
Type : G  
Facility Phone : (904) 488-2911  
Operator : DEPT. OF TRANSPORTATION  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 24716  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 11/23/92  
Responsible Party Name : FL DEPT OF TRANSPORTATION DIST 4  
Responsible Party Address: 3400 W COMMERCIAL BLVD  
ATTN: DESMOND TILLES  
FORT LAUDERDALE, FL 33309  
Responsible Party Phone : (954) 776-4300  
Contact : DESMOND L TILLES SC 436 7600  
Responsible Party Bad Address : No

**FL BROWARD COUNTY EDIEAR:**

Facility ID: 1045  
Region: BROWARD  
Facility Type: GAS STATION  
Facility Department: 068840199  
Program Type: FDEP  
Pollutant Type: PETROLEUM  
Lead Agency: BCDPEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

**UST:**

Facility ID:	8840199	Facility Type:	State Government
Facility Phone:	(904) 488-2911	Facility Status:	CLOSED
Owner Id:	24716		
Owner Name:	FL DEPT OF TRANSPORTATION DIST 4		
Owner Address:	3400 W COMMERCIAL BLVD ATTN: DESMOND TILLES FORT LAUDERDALE, FL 33309		
Owner Contact:	DESMOND L TILLES SC 436 7600	Owner Phone:	(954) 776-4300
Tank Content Desc:	State Government		
Type Description:	State Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	888		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**FORMICA FOODS CO. (Continued)**

**U001343628**

Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8840199	Facility Type:	State Government
Facility Phone:	(904) 488-2911	Facility Status:	CLOSED
Owner Id:	24716		
Owner Name:	FL DEPT OF TRANSPORTATION DIST 4		
Owner Address:	3400 W COMMERCIAL BLVD ATTN: DESMOND TILLES FORT LAUDERDALE, FL 33309		
Owner Contact:	DESMOND L TILLES SC 436 7600	Owner Phone:	(954) 776-4300
Tank Content Desc:	State Government		
Type Description:	State Government		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	888		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

78

**COSMO INTERNATIONAL CORP**  
**1441 SW 33RD PLACE**  
**FORT LAUDERDALE, FL 33315**

**RCRIS-SQG 1000450058**  
**FINDS FLD984179135**  
**BROWARD CO. HM**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**COSMO INTERNATIONAL CORP (Continued)**

1000450058

RCRIS:

Owner: EDWARD CABRAL, VP  
(305) 524-3200  
EPA ID: FLD984179135  
Contact: EDWARD CABRAL  
(305) 524-3200

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZMAT:

Document Id: 2844

78

**MACKE LAUNDRY SERVICES INC**  
**3300 SW 13TH AVE**  
**FORT LAUDERDAL, FL 33315**

**UST U001343136**  
**N/A**

UST:

Facility ID:	8627979	Facility Type:	Fuel User / Non-retail
Facility Phone:	(305) 463-9300	Facility Status:	CLOSED
Owner Id:	13351		
Owner Name:	MACKE LAUNDRY SERVICES INC		
Owner Address:	3300 SW 13TH AVE FORT LAUDERDALE, FL 33315		
Owner Contact:	CARL X.WALTERS	Owner Phone:	(305) 463-9300
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Leaded gas		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	01-JUL-1983		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s)

EPA ID Number

79 SEA AIR PLAZA LTD  
3383 SW 11TH AVE  
FORT LAUDERDAL, FL 33315

LUST U001344053  
UST N/A

LUST:

Facility ID: 9100759 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: Not reported Township: Not reported  
Range: Not reported Lat/long: 26° 6' 58" / 80° 4' 25"  
Facility Status: CLOSED Facility Type: Fuel User / Non-retail  
Operator: SEA AIR PLAZA LTD  
Facility Phone: (305) 524-1284  
Related Party: SEA AIR PLAZA LTD  
Related Party Addr: 2000 S OCEAN DR #807  
FT LAUDERDALE, FL 33316 - 3814

RP Bad Address: No  
Related Party ID: 18967 Related Party Role: ACCOUNT OWNER

Related Prty Contact: JESS L TAYLOR  
Related Party Phone: (305) 524-1284

Related Party Begin: 05/20/94 Contamination ID: 9307  
Name Update: Not reported Address Update: Not reported

Facility Cleanup Status: Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)

Facility Cleanup Score: Not reported  
Facility Cleanup Rank: Not reported

Discharge ID: 10791  
Clean Up Work Status: COMPLETED  
Discharge Date: 02/06/91  
Pct Discharge Combined With: 10791  
Discharge Cleanup Status: SRCR Complete (Explanation: Site Rehabilitation Completion Report has been Approved)

Discharge Cleanup Status Date: 05/05/95  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: Abandoned Tank Restoration

Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 01/06/98

Inspection Date: 04/19/91

Contaminated Media ID: 8190

Contaminated Drinking Wells: 0

Contaminated Soil: Yes

Contaminated Surface Water: No

Contaminated Ground Water: Yes

Contaminated Monitoring Well: No

Pollutant ID: 13782

Pollutant Substance: Vehicular diesel

Substance Category: Vehicular Fuels

Regulation Began: 1986-07-01

Pollutant Other Description: Not reported

Gallons Discharged: Not reported

Score: 10

Cleanup Eligibility Id: 11543

Cleanup Program: Abandoned Tank Restoration Program

Cleanup Lead : Reimbursement

Application Recvd Date: 02/21/91

Letter of Intent Date: 02/21/91

Eligibility Status: 09/06/91

Eligibility Status Date: E

Redetermined: No

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number  
EPA ID Number

Database(s)

SEA AIR PLAZA LTD (Continued)

U001344053

Eligibility Letter Sent:	09/06/91
RAP Task ID:	63750
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	25196
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	0
SRC Action Type:	SRCR
SRC Submit Date:	04/28/95
SRC Review Date:	05/05/95
SRC Issue Date:	05/05/95
SRC Status Effective Date:	05/05/95
SRC Comment:	SRCR APPROVED
SA ID:	65625
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	10791
Clean Up Work Status:	COMPLETED
Discharge Date:	02/06/91
Pct Discharge Combined With:	10791
Discharge Cleanup Status:	SRCR Complete (Explanation: Site Rehabilitation Completion Report has been Approved)
Discharge Cleanup Status Date:	05/05/95
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Abandoned Tank Restoration
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	04/19/91
Contaminated Media ID:	8190
Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	No

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SEA AIR PLAZA LTD (Continued)**

**U001344053**

Pollutant ID:	13783
Pollutant Substance:	Unleaded gas
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	10
Cleanup Eligibility Id:	11543
Cleanup Program:	Abandoned Tank Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	02/21/91
Letter of Intent Date:	02/21/91
Eligibility Status:	09/06/91
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	09/06/91
RAP Task ID:	63750
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	25196
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	0
SRC Action Type:	SRCR
SRC Submit Date:	04/28/95
SRC Review Date:	05/05/95
SRC Issue Date:	05/05/95
SRC Status Effective Date:	05/05/95
SRC Comment:	SRCR APPROVED
SA ID:	65625
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	Not reported
Score Ranked :	Not reported
Score Effective :	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SEA AIR PLAZA LTD (Continued)**

**U001344053**

Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

**UST:**

Facility ID: 9100759  
Facility Phone: (305) 524-1284  
Owner Id: 18967  
Owner Name: SEA AIR PLAZA LTD  
Owner Address: 2000 S OCEAN DR #807  
FT LAUDERDALE, FL 33316  
Owner Contact: JESS L TAYLOR  
Tank Content Desc: Fuel user/Non-retail  
Type Description: Fuel user/Non-retail  
Tank Id: 1  
Tank Location: UNDERGROUND  
Substance:  
Description: Unleaded gas  
Gallons: 6000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01  
Tank Status: Removed  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility Type: Fuel User / Non-retail  
Facility Status: CLOSED

Owner Phone: (305) 524-1284

Vessel Indicator: TANK

Tank Status Date: 28-FEB-1990

Facility ID: 9100759  
Facility Phone: (305) 524-1284  
Owner Id: 18967  
Owner Name: SEA AIR PLAZA LTD  
Owner Address: 2000 S OCEAN DR #807  
FT LAUDERDALE, FL 33316  
Owner Contact: JESS L TAYLOR  
Tank Content Desc: Fuel user/Non-retail

Facility Type: Fuel User / Non-retail  
Facility Status: CLOSED

Owner Phone: (305) 524-1284



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SEA AIR PLAZA LTD (Continued)

U001344053

Type Description: Fuel user/Non-retail

Tank Id: 3

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 4000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Install Date: Not reported

Tank Construction:

Tank Id: Not reported

Construction Desc:Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Vessel Indicator:

TANK

Tank Status Date:

28-FEB-1990

Facility ID: 9100759

Facility Phone: (305) 524-1284

Owner Id: 18967

Owner Name: SEA AIR PLAZA LTD

Owner Address: 2000 S OCEAN DR #807  
FT LAUDERDALE, FL 33316

Owner Contact: JESS L TAYLOR

Tank Content Desc:Fuel user/Non-retail

Type Description: Fuel user/Non-retail

Tank Id: 2

Tank Location: UNDERGROUND

Substance:

Description: Unleaded gas

Gallons: 6000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Install Date: Not reported

Tank Construction:

Tank Id: Not reported

Construction Desc:Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Facility Type:

Fuel User / Non-retail

Facility Status:

CLOSED

Owner Phone:

(305) 524-1284

Vessel Indicator:

TANK

Tank Status Date:

28-FEB-1990

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Site	Database(s)	EDR ID Number	EPA ID Number
80				<b>UNIVIS AKA VISION EASE</b> <b>3301 SW 9TH AVE.</b> <b>FT.LAUDERDALE, FL</b>	FI Sites	S100888946	N/A
FL Sites: Facility ID: 000292      EPA ID: FLD059859587 Facility District: SOUTHEAST      Monthly Update: December Lead Unit: DIST      Support Unit: EPA Status: ACTIVE      Status Date: 05/16/85 Air Contam: Not reported      Soil Contam: Unconfirmed Surface Water Contam: Not reported      Ground Water Contam: Confirmed Cleanup Started?: No      Cleanup Completed?: No Deletion Recommended?: No      Other: Not reported Warning Letter Status: Not reported      Notice of Violation Status: Yes Consent Order Status: No      Admin Hearing Status: No Court Status: No      Final Order Status: No Comments: PERMITTED INDUSTRIAL WASTE FACILITY. 3012 PRELIMINARY ASSESSMENT COMPLETED 9-84 RESULTED IN A LOW PRIORITY DETERMINATION FOR 3012 SITE INSPECTION IN CALENDAR YEAR 1985. RCRA NOV ISSUED 3-85. INFORMAL CONFERENCE CONDUCTED 4-85. DRAFT CONSENT ORDER IN PROCESS 8-85. EPA SAMPLED AS PART OF SITE SCREENING PILOT PROJECT 8-85. EPA REPORT RECEIVED 1-86. GW CONTAMINATION CONFIRMED. EPA SCORING SITE FOR NPL CONSIDERATIONS.							
81				<b>J J KELLY USED BUS &amp; EQUIPMENT</b> <b>2490 SW 32 ST</b> <b>FT LAUDERDALE, FL 33312</b>	BROWARD CO. HM	S104520383	N/A
HAZMAT: Document Id: 4141							
81				<b>ASSOCIATED DISPOSAL SERVICES</b> <b>2371 SW 36TH STREET SUITE O</b> <b>FT. LAUDERDALE, FL</b>	SWF/LF	S101011648	N/A
LF: Facility ID: 54218      Facility Type: Not reported Address: Not reported Not reported GMS_ID: 5006P02645      District: SED Owner Type: PRIVATE Liner Type: Not reported      Location Type: Not reported Section: 29-50S-42 Class Type: BIOHAZARDOUS WASTE TREATMENT Lat/Long: 26:4:56.01 / 80:10:27							
82				<b>WILDWOOD INDUSTRIES</b> <b>3200 RAVENSWOOD ROAD</b> <b>FORT LAUDERDALE, FL 32000</b>	RCRIS-SQG FINDS	1000193578 FLD981472582	

MAP FINDINGS

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

**WILDWOOD INDUSTRIES (Continued)**
**1000193578**
**RCRIS:**

Owner: NON NOTIFIER

(305) 792-2347

EPA ID: FLD981472582

Contact: NON NOTIFIER

(305) 792-2347

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

83	<b>SUN RECYCLING, L.L.C.</b> <b>3251 SW 26 TER</b> <b>DANIA BEACH, FL 33312</b>	<b>BROWARD CO. NOV</b>	<b>S105212422</b> <b>N/A</b>
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## Broward County Notice of Violation:

Code Violated: 27-58(C)

Notice of Violation: 07/02/01

Facility Status: Active

Date Closed: Not reported

83	<b>SUN RECYCLING, L.L.C.</b> <b>3251 SW 26 TER</b> <b>DANIA BEACH, FL 33312</b>	<b>BROWARD CO. NOV</b>	<b>S105212423</b> <b>N/A</b>
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## Broward County Notice of Violation:

Code Violated: 27-215(A)\*

Notice of Violation: 06/29/01

Facility Status: Active

Date Closed: Not reported

83	<b>SUN RECYCLING FACILITY #3</b> <b>3251 SW 26 TER</b> <b>DANIA BEACH, FL 33312</b>	<b>BROWARD CO. HM</b>	<b>S105213180</b> <b>N/A</b>
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## HAZMAT:

Document Id: 4953

83	<b>WASTE CORPORATION OF FLORIDA, INC.</b> <b>3251 SW 26 TER</b> <b>DANIA BEACH, FL 33312</b>	<b>SWF/LF</b> <b>BROWARD CO. NOV</b>	<b>S103913176</b> <b>N/A</b>
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MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WASTE CORPORATION OF FLORIDA, INC. (Continued)

S103913176

LF:

Facility ID:	83764	Facility Type:	Not reported
Address:	Not reported		
	Not reported		
GMS_ID:	Not reported	District:	SED
Owner Type:	PRIVATE		
Liner Type:	Not reported	Location Type:	Not reported
Section:	20-50-42		
Class Type:	MATERIAL RECOVERY		
Lat/Long:	26:4:55 / 80:10:42		
Facility ID:	84842	Facility Type:	Not reported
Address:	Not reported		
	33312		
GMS_ID:	Not reported	District:	SED
Owner Type:	PRIVATE		
Liner Type:	Not reported	Location Type:	Not reported
Section:	20-50-42		
Class Type:	Not reported		
Lat/Long:	26:4:55 / 80:10:42		

Broward County Notice of Violation:

Code Violated:	27-356(B)(1)A.
Notice of Violation:	02/29/00
Facility Status:	Complete
Date Closed:	12/14/00
Code Violated:	27-356(B)(4)C.5.
Notice of Violation:	02/29/00
Facility Status:	Complete
Date Closed:	12/14/00
Code Violated:	27-353(G)(2)
Notice of Violation:	02/29/00
Facility Status:	Complete
Date Closed:	12/14/00
Code Violated:	27-58(C)
Notice of Violation:	05/08/00
Facility Status:	Complete
Date Closed:	12/14/00
Code Violated:	27-58(C)
Notice of Violation:	06/29/01
Facility Status:	Active
Date Closed:	Not reported

83

**KENAN TRANSPORT CO**  
**3201 SW 26TH TERRACE**  
**FORT LAUDERDALE, FL 33312**

**RCRIS-SQG 1001086186**  
**FINDS FLR000014712**  
**UST**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**KENAN TRANSPORT CO (Continued)**

1001086186

RCRIS:

Owner: KEVIN AVERITT, TERMINAL MGR  
(305) 583-0997

EPA ID: FLR000014712

Contact: KEVIN AVERITT  
(305) 583-0997

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Permit Compliance System (PCS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

FL UST Broward County:

Location ID: 587181

Install Date: 11/30/95

Tank Size: 12000.0000

Tank Type: UG

State ID: 069600947

83

**KENAN TRANSPORT  
3201 SW 26 TER  
DANIA, FL 33312**

Broward Co. EDIEAR

S104153828

N/A

FL BROWARD COUNTY EDIEAR:

Facility ID: 0768

Region: BROWARD

Facility Type: FUEL FACILITY

Facility Department: Not reported

Program Type: PCR

Pollutant Type: PHENOLS

Lead Agency: BCDPEP

Site Studies: X

Remedy Selected: Yes

Remedy Design: Yes

Cleanup Ongoing: No

Project Completed: Yes

Environmental Assessment Remediation License: 334

Wellfield Site: Not reported

Wellfield Site 2: Yes

83

**KENAN TRANSPORT CO  
3201 SW 26TH TER  
FORT LAUDERDAL, FL 33312**

UST 1001139951

N/A

UST:

Facility ID: 9600947

Facility Phone: (305) 583-6997

Owner Id: 11813

Owner Name: KENAN TRANSPORT CO

Owner Address: 4016 E LAKE AVE  
ATTN: MARK ASPINAU

Facility Type:

Facility Status:

Fuel User / Non-retail

OPEN

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**KENAN TRANSPORT CO (Continued)**

**1001139951**

TAMPA, FL 33610	Owner Phone:	(813) 621-8987
Owner Contact: MARK ASPINAU		
Tank Content Desc: Fuel user/Non-retail		
Type Description: Fuel user/Non-retail		
Tank Id: 1	Vessel Indicator:	TANK
Tank Location: UNDERGROUND		
Substance:		
Description: Vehicular diesel		
Gallons: 12000		
Category: Vehicular Fuels		
Regulation Began: 1986-07-01		
Tank Status: In service	Tank Status Date:	01-NOV-1995
Install Date: 01-NOV-1995		
Tank Construction:		
Tank Id: 1		
Construction Desc: Fiberglass clad steel		
Category: Primary Construction		
Description: Fiberglass Clad steel		
 Tank Id: 1		
Construction Desc: Spill containment bucket		
Category: Overfill/Spill		
Description: Spill containment bucket		
 Tank Id: 1		
Construction Desc: Level gauges/alarms		
Category: Overfill/Spill		
Description: Level gauges/hi level alarms		
 Tank Id: 1		
Construction Desc: Compartmented		
Category: Miscellaneous Attributes		
Description: Compartmented		
Petro Monitoring:		
Monitoring Desc: Manually sampled wells		
Category: External Tk Monitoring		
Description: Manually Sampled Wells		
 Monitoring Desc: Monitor dbl wall pipe space		
Category: Piping Monitoring		
Description: Interstitial space - Double Walled piping		
 Monitoring Desc: Monitor dbl wall tank space		
Category: Tank Monitoring		
Description: Interstitial space - Double wall tank		
Tank Piping:		
Piping Desc: Double wall		
Category: Secondary Containment		
Description: Dbl wall;single mat;out pipe mat = in pip mat		
 Piping Desc: Dispenser liners		
Category: Miscellaneous Attributes		
Description: Dispenser liners		
 Piping Desc: Approved synthetic material		
Category: Primary Construction		
Description: Approved synthetic material		

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Site	Database(s)	EPA ID Number
83				<b>KENAN TRANSPORT COMPANY</b> 3201 SW 26 TER DANIA BEACH, FL 33312	<b>BROWARD CO. HM</b>	S105224864 N/A
84				<b>C T I SPECIALTY PAINTING</b> 2359 SW 34 ST DANIA BEACH, FL 33312  HAZMAT: Document Id: 7532	<b>BROWARD CO. HM</b>	S102631622 N/A
84				<b>CITY TRUCKING INC</b> 2359 SW 34TH ST FORT LAUDERDALE, FL 33312  RCRIS: Owner: JASON TABASKY, PRES (304) 583-8801 EPA ID: FLD982078768 Contact: JASON TABASKY (304) 583-8801  Classification: Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported Violation Status: No violations found  FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)	<b>RCRIS-SQG FINDS</b>	1000340109 FLD982078768
84				<b>SOUTHERN WASTE SERVICES INC</b> 2364 SW 34TH ST #F DANIA, FL 33312  RCRIS: Owner: SOUTHERN WASTE SERVICES INC (850) 234-8428 EPA ID: FLR000050385 Contact: JIM COINER (954) 587-5883  Classification: Handler transports wastes for hire, Handler transports wastes for hire, Conditionally Exempt Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported Violation Status: No violations found  FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)	<b>RCRIS-SQG FINDS</b>	1001231851 FLR000050385

MAP FINDINGS

Map ID

Direction

Distance

Distance (ft.)Site

EDR ID Number

Database(s)

EPA ID Number

84

**SOUTHEAST STEEL & ERECTION**

**2364 SW 34TH ST**

**FORT LAUDERDAL, FL 33312**

UST

U001343172

N/A

UST:

Facility ID:	8628144	Facility Type:	County Government
Facility Phone:	(305) 583-2301	Facility Status:	CLOSED
Owner Id:	2777		
Owner Name:	BROWARD CNTY AVIATION DEPT		
Owner Address:	320 TERMINAL DR ATTN:DOLORES A SMITH FORT LAUDERDALE, FL 33315		
Owner Contact:	DOLORES A SMITH	Owner Phone:	(954) 359-6106
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	2000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-SEP-1993
Install Date:	01-JUL-1981		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

Facility ID:	8628144	Facility Type:	County Government
Facility Phone:	(305) 583-2301	Facility Status:	CLOSED
Owner Id:	2777		
Owner Name:	BROWARD CNTY AVIATION DEPT		
Owner Address:	320 TERMINAL DR ATTN:DOLORES A SMITH FORT LAUDERDALE, FL 33315		
Owner Contact:	DOLORES A SMITH	Owner Phone:	(954) 359-6106
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	2000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-SEP-1993
Install Date:	01-JUL-1981		
Tank Construction:			
Tank Id:	Not reported		



MAP FINDINGS

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

**SOUTHEAST STEEL & ERECTION (Continued)**
**U001343172**

Construction Desc: Not reported  
 Category: Not reported  
 Description: Not reported  
 Petro Monitoring:  
 Monitoring Desc: Not reported  
 Category: Not reported  
 Description: Not reported  
 Tank Piping:  
 Piping Desc: Not reported  
 Category: Not reported  
 Description: Not reported

84	<b>ADVANCE SCIENTIFIC &amp; CHEMICAL</b> <b>2345 SW 34 ST</b> <b>FT LAUDERDALE, FL 33312</b>  HAZMAT: Document Id: 516916	<b>BROWARD CO. HM</b>	<b>S105212507</b> <b>N/A</b>
84	<b>CUSTOM WALL &amp; BAR DESIGNS</b> <b>2351 SW 34TH ST</b> <b>FORT LAUDERDALE, FL 33312</b>  RCRIS: Owner: ERIC SIEGFRIED, PROJECT MGR (305) 581-6800 EPA ID: FLD984259051 Contact: ERIC SIEGFRIED (305) 581-6800  Classification: Conditionally Exempt Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported Violation Status: No violations found  FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)	<b>RCRIS-SQG</b> <b>FINDS</b>	<b>1004684337</b> <b>FLD984259051</b>
85	<b>QUALEX INC.</b> <b>3400 SW 26 TER</b> <b>DANIA BEACH, FL 33312</b>  Broward County Notice of Violation: Code Violated: 27-356(B)(1)A. Notice of Violation: 06/28/00 Facility Status: Complete Date Closed: 01/12/01	<b>BROWARD CO. NOV</b>	<b>S105212424</b> <b>N/A</b>
85	<b>QUALEX INC.</b> <b>3400 SW 26 TER</b> <b>DANIA BEACH, FL 33312</b>	<b>BROWARD CO. NOV</b>	<b>S105212426</b> <b>N/A</b>

MAP FINDINGS

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

**QUALEX INC. (Continued)**

S105212426

Broward County Notice of Violation:

Code Violated:	27-356(B)(4)C.5.
Notice of Violation:	06/28/00
Facility Status:	Complete
Date Closed:	01/12/01

85	<b>QUALEX INC.</b> <b>3400 SW 26 TER</b> <b>DANIA BEACH, FL 33312</b>	BROWARD CO. NOV	S105212425 N/A
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Broward County Notice of Violation:

Code Violated:	27-353(G)(2)
Notice of Violation:	06/28/00
Facility Status:	Complete
Date Closed:	01/12/01

86	<b>AT&amp;T FL46-SPANGLER</b> <b>3400 RAVENSWOOD RD</b> <b>FT LAUDERDALE, FL 33312</b>	BROWARD CO. HM	S105212635 N/A
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HAZMAT:

Document Id: 4813

87	<b>TROPICAL CIRCUITS INC</b> <b>1981 SW 36 STREET</b> <b>FORT LAUDERDALE, FL 33335</b>	RCRIS-SQG FINDS	1000699115 FLD083114421
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RCRIS:

Owner:	JOANNE LYNCH, ENGINEER (305) 467-3771
EPA ID:	FLD083114421
Contact:	JOANNE LYNCH (305) 467-3771

Classification: Small Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
 Facility Registry System (FRS)  
 Resource Conservation and Recovery Act Information system (RCRAINFO)

88	<b>BROWARD CNTY PROPERTY</b> <b>2400 SW 36TH ST</b> <b>FORT LAUDERDAL, FL 33312</b>	LUST UST	U003159100 N/A
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LUST:

Facility ID:	8502536	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	029	Township:	50S
Range:	42E	Lat/long:	26° 4' 27" / 80° 10' 33"
Facility Status:	CLOSED	Facility Type:	County Government
Operator:	BROWARD CNTY		
Facility Phone:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY PROPERTY (Continued)**

U003159100

Related Party:	BROWARD CNTY AVIATION DEPT		
Related Party Addr:	320 TERMINAL DR ATTN:DOLORES A SMITH FORT LAUDERDALE, FL 33315		
RP Bad Address:	No	Related Party Role:	ACCOUNT OWNER
Related Party ID:	2777		
Related Prty Contact:	DOLORES A SMITH		
Related Party Phone:	(954) 359-6106		
Related Party Begin:	07/21/94	Contamination ID:	22781
Name Update:	Not reported	Address Update:	Not reported
Facility Cleanup Status:	Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)		
Facility Cleanup Score:	Not reported		
Facility Cleanup Rank:	Not reported		
Discharge ID:	52037		
Clean Up Work Status:	COMPLETED		
Discharge Date:	06/25/85		
Pct Discharge Combined With:	52037		
Discharge Cleanup Status:	No Further Action With Conditions		
Discharge Cleanup Status Date:	11/06/01		
Clean Up Required by 62-770:	Not reported		
Information Source:	Closure Report		
Other Source Description:	Not reported		
Discharge Lead Agency:	Not reported		
Score Effective Date:	Not reported		
Inspection Date:	06/26/85		
Contaminated Media ID:	21081		
Contaminated Drinking Wells:	Not reported		
Contaminated Soil:	Yes		
Contaminated Surface Water:	Not reported		
Contaminated Ground Water:	Yes		
Contaminated Monitoring Well:	Yes		
Pollutant ID:	34746		
Pollutant Substance:	Unleaded gas		
Substance Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	Not reported		
Cleanup Eligibility Id:	Not reported		
Cleanup Program:	Not reported		
Cleanup Lead :	Not reported		
Application Recvd Date:	Not reported		
Letter of Intent Date:	Not reported		
Eligibility Status:	Not reported		
Eligibility Status Date:	Not reported		
Redetermined:	Not reported		
Eligibility Letter Sent:	Not reported		
RAP Task ID:	Not reported		
RAP Cleanup Responsible:	Not reported		
RAP Order Completion Date:	Not reported		
RAP Actual Completion Date:	Not reported		
RAP Payment Date:	Not reported		
RAP Actual Cost:	Not reported		
RA Task ID:	62337		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY PROPERTY (Continued)**

**U003159100**

RA Cleanup Responsible:	Responsible Party
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	0
SRC Action Type:	NFAC
SRC Submit Date:	01/27/00
SRC Review Date:	11/06/01
SRC Issue Date:	11/26/01
SRC Status Effective Date:	11/06/01
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported

County Code :	Not reported
Score Ranked :	Not reported
Score Effective :	Not reported
Rank :	Not reported
Cleanup Status :	Not reported
Facility Status :	Not reported
Type :	Not reported
Facility Phone :	Not reported
Operator :	Not reported
Name Update :	Not reported
Address Update :	Not reported
Primary Responsible Party Id :	Not reported
Primary Responsible Party Role :	Not reported
Responsible Party Begin Date :	Not reported
Responsible Party Name :	Not reported
Responsible Party Address:	Not reported
Responsible Party Phone :	Not reported
Contact :	Not reported
Responsible Party Bad Address :	Not reported

**UST:**

Facility ID:	8502536
Facility Phone:	Not reported
Owner Id:	2777
Owner Name:	BROWARD CNTY AVIATION DEPT
Owner Address:	320 TERMINAL DR ATTN:DOLORES A SMITH

Facility Type:
Facility Status:

County Government
CLOSED

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY PROPERTY (Continued)**

U003159100

FORT LAUDERDALE, FL 33315			
Owner Contact:	DOLORES A SMITH	Owner Phone:	(954) 359-6106
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	3	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Leaded gas		
Gallons:	3000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8502536	Facility Type:	County Government
Facility Phone:	Not reported	Facility Status:	CLOSED
Owner Id:	2777		
Owner Name:	BROWARD CNTY AVIATION DEPT		
Owner Address:	320 TERMINAL DR ATTN:DOLORES A SMITH FORT LAUDERDALE, FL 33315		
Owner Contact:	DOLORES A SMITH	Owner Phone:	(954) 359-6106
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	4	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Leaded gas		
Gallons:	3000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY PROPERTY (Continued)**

**U003159100**

Category: Not reported  
Description: Not reported

Facility ID: 8502536  
Facility Phone: Not reported  
Owner Id: 2777  
Owner Name: BROWARD CNTY AVIATION DEPT  
Owner Address: 320 TERMINAL DR  
ATTN:DOLORES A SMITH  
FORT LAUDERDALE, FL 33315

Facility Type: County Government  
Facility Status: CLOSED

Owner Contact: DOLORES A SMITH  
Tank Content Desc:County Government  
Type Description: County Government  
Tank Id: 1  
Tank Location: UNDERGROUND  
Substance:

Owner Phone: (954) 359-6106

Description: Vehicular diesel  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Vessel Indicator: TANK

Tank Status: Removed  
Install Date: Not reported  
Tank Construction:

Tank Status Date: Not reported

Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8502536  
Facility Phone: Not reported  
Owner Id: 2777  
Owner Name: BROWARD CNTY AVIATION DEPT  
Owner Address: 320 TERMINAL DR  
ATTN:DOLORES A SMITH  
FORT LAUDERDALE, FL 33315

Facility Type: County Government  
Facility Status: CLOSED

Owner Contact: DOLORES A SMITH  
Tank Content Desc:County Government  
Type Description: County Government  
Tank Id: 2  
Tank Location: UNDERGROUND  
Substance:

Owner Phone: (954) 359-6106

Description: Vehicular diesel  
Gallons: 3000  
Category: Vehicular Fuels  
Regulation Began:1986-07-01

Vessel Indicator: TANK

Tank Status: Removed  
Install Date: Not reported  
Tank Construction:  
Tank Id: Not reported

Tank Status Date: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY PROPERTY (Continued)**

**U003159100**

Construction Desc: Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 8502536  
Facility Phone: Not reported  
Owner Id: 2777  
Owner Name: BROWARD CNTY AVIATION DEPT  
Owner Address: 320 TERMINAL DR  
ATTN: DOLORES A SMITH  
FORT LAUDERDALE, FL 33315

Facility Type: County Government  
Facility Status: CLOSED

Owner Contact: DOLORES A SMITH  
Tank Content Desc: County Government  
Type Description: County Government  
Tank Id: 5  
Tank Location: UNDERGROUND

Owner Phone: (954) 359-6106

Vessel Indicator: TANK

Substance:  
Description: Vehicular diesel  
Gallons: 10000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Removed  
Install Date: 01-MAY-1985

Tank Status Date: 01-DEC-1995

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

88 **BCAD/REDWING CARR**  
**2400 SW 36 ST**  
**FORT LAUDERDALE, FL 33315**

**Broward Co. EDI** **EAR S101240322**  
**N/A**

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BCAD/REDWING CARR (Continued)**

**S101240322**

FL BROWARD COUNTY EDIEAR:

Facility ID: 0004  
Region: BROWARD  
Facility Type: NON-RETAIL  
Facility Department: 068502536  
Program Type: PCR  
Pollutant Type: GASOLINE  
Lead Agency: BCDPEP  
Site Studies: X  
Remedy Selected: Yes  
Remedy Design: Yes  
Cleanup Ongoing: No  
Project Completed: Yes  
Environmental Assessment Remediation License: 337  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

88

**GARSDIE  
2360 SW 36 ST  
FORT LAUDERDALE, FL 33312**

**Broward Co. EDIEAR S101223022  
N/A**

FL BROWARD COUNTY EDIEAR:

Facility ID: 0502  
Region: BROWARD  
Facility Type: ENGINE PARTS  
Facility Department: Not reported  
Program Type: NF  
Pollutant Type: PERC  
Lead Agency: BCDPEP  
Site Studies: X  
Remedy Selected: Yes  
Remedy Design: Yes  
Cleanup Ongoing: Yes  
Project Completed: No  
Environmental Assessment Remediation License: 252  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

88

**2360 SOUTHWEST 36TH STREET  
FORT LAUDERDALE, FL**

**SPILLS S105181800  
N/A**

SPILLS:

Incident Number: 97-02-0176  
Date Reported: 4/29/1997  
Amount Spilled: 5.00  
NFA Date: 9/30/1997  
RP / Owner Identified: Yes  
Pollutant: Acetone, Asphalt (16 drums)  
Substance Spilled: Acetone, Asphalt (16 drums)  
Amount Spilled: 880.00  
Amount Spilled: 0.00

88

**KENAN TRANSPORT CO  
2270 SW 36TH ST  
FORT LAUDERDAL, FL 33312**

**LUST 1000498021  
UST N/A  
AST**



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**KENAN TRANSPORT CO (Continued)**

**1000498021**

**LUST:**

Facility ID:	8501517	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	029	Township:	050
Range:	42E	Lat/long:	26° 4' 40" / 80° 10' 22"
Facility Status:	CLOSED	Facility Type:	County Government
Operator:	Not reported		
Facility Phone:	Not reported		
Related Party:	BROWARD CNTY BD OF COMMISSIONERS		
Related Party Addr:	115 S ANDREWS AVE #504 ATTN: SCOTT CAMPBELL FORT LAUDERDALE, FL 33301 - 1801		
RP Bad Address:	No		
Related Party ID:	2778	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	SCOTT CAMPBELL		
Related Party Phone:	(954) 357-6486		
Related Party Begin:	09/18/92	Contamination ID:	9047
Name Update:	Not reported	Address Update:	11/22/96
Facility Cleanup Status:	Report of discharge recieved (Explanation: Used to reflect DNR or VCCR or default)		
Facility Cleanup Score:	9		
Facility Cleanup Rank:	12051		
Discharge ID:	10483		
Clean Up Work Status:	INACTIVE		
Discharge Date:	12/09/86		
Pct Discharge Combined With:	10483		
Discharge Cleanup Status:	Report of Discharge Recieved		
Discharge Cleanup Status Date:	10/09/00		
Clean Up Required by 62-770:	Not reported		
Information Source:	Not reported		
Other Source Description:	Not reported		
Discharge Lead Agency:	Not reported		
Score Effective Date:	05/07/02		
Inspection Date:	Not reported		
Contaminated Media ID:	7987		
Contaminated Drinking Wells:	0		
Contaminated Soil:	No		
Contaminated Surface Water:	No		
Contaminated Ground Water:	No		
Contaminated Monitoring Well:	Yes		
Pollutant ID:	Not reported		
Pollutant Substance:	Not reported		
Substance Category:	Not reported		
Regulation Began:	Not reported		
Pollutant Other Description:	Not reported		
Gallons Discharged:	Not reported		
Score:	9		
Cleanup Eligibility Id:	11225		
Cleanup Program:	Petroleum Contamination Participation Program		
Cleanup Lead :	Preapproval		
Application Recvd Date:	Not reported		
Letter of Intent Date:	Not reported		
Eligibility Status:	Not reported		
Eligibility Status Date:	Not reported		
Redetermined:	No		
Eligibility Letter Sent:	Not reported		
RAP Task ID:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s)

EPA ID Number

**KENAN TRANSPORT CO (Continued)**

1000498021

RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
County Code :	6
Score Ranked :	9
Score Effective :	05/07/02
Rank :	12051
Cleanup Status :	REPT
Facility Status :	CLOSED
Type :	I
Facility Phone :	Not reported
Operator :	Not reported
Name Update :	Not reported
Address Update :	11/22/96
Primary Responsible Party Id :	2778
Primary Responsible Party Role :	ACCOUNT OWNER
Responsible Party Begin Date :	09/18/92
Responsible Party Name :	BROWARD CNTY BD OF COMMISSIONERS
Responsible Party Address:	115 S ANDREWS AVE #504 ATTN: SCOTT CAMPBELL FORT LAUDERDALE, FL 33301 - 1801
Responsible Party Phone :	(954) 357-6486
Contact :	SCOTT CAMPBELL
Responsible Party Bad Address :	No

UST:

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**KENAN TRANSPORT CO (Continued)**

**1000498021**

Facility ID:	8501517	Facility Type:	County Government
Facility Phone:	Not reported	Facility Status:	CLOSED
Owner Id:	2778		
Owner Name:	BROWARD CNTY BD OF COMMISSIONERS		
Owner Address:	115 S ANDREWS AVE #504 ATTN: SCOTT CAMPBELL FORT LAUDERDALE, FL 33301		
Owner Contact:	SCOTT CAMPBELL	Owner Phone:	(954) 357-6486
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	01-JUL-1976		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8501517	Facility Type:	County Government
Facility Phone:	Not reported	Facility Status:	CLOSED
Owner Id:	2778		
Owner Name:	BROWARD CNTY BD OF COMMISSIONERS		
Owner Address:	115 S ANDREWS AVE #504 ATTN: SCOTT CAMPBELL FORT LAUDERDALE, FL 33301		
Owner Contact:	SCOTT CAMPBELL	Owner Phone:	(954) 357-6486
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	1R1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Vehicular diesel		
Gallons:	10000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-APR-1996
Install Date:	01-FEB-1987		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**KENAN TRANSPORT CO (Continued)**

**1000498021**

Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:

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

Facility ID: 8501517

Facility Type:

County Government

Facility Phone: Not reported

Facility Status:

CLOSED

Owner Id: 2778

Owner Name: BROWARD CNTY BD OF COMMISSIONERS

Owner Address: 115 S ANDREWS AVE #504  
ATTN: SCOTT CAMPBELL  
FORT LAUDERDALE, FL 33301

Owner Contact: SCOTT CAMPBELL

Owner Phone:

(954) 357-6486

Tank Content Desc:County Government

Type Description: County Government

Tank Id: 2

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: Vehicular diesel

Gallons: 3000

Category: Vehicular Fuels

Regulation Began:1986-07-01

Tank Status: Removed

Tank Status Date:

Not reported

Install Date: 01-JUL-1976

Tank Construction:

Tank Id: Not reported

Construction Desc:Not reported

Category: Not reported

Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported

Category: Not reported

Description: Not reported

Tank Piping:

Piping Desc: Not reported

Category: Not reported

Description: Not reported

Facility ID: 8501517

Facility Type:

County Government

Facility Phone: Not reported

Facility Status:

CLOSED

Owner Id: 2778

Owner Name: BROWARD CNTY BD OF COMMISSIONERS

Owner Address: 115 S ANDREWS AVE #504  
ATTN: SCOTT CAMPBELL  
FORT LAUDERDALE, FL 33301

Owner Contact: SCOTT CAMPBELL

Owner Phone:

(954) 357-6486

Tank Content Desc:County Government

Type Description: County Government

Tank Id: 3

Vessel Indicator:

TANK

Tank Location: UNDERGROUND

Substance:

Description: Vehicular diesel

Gallons: 3000

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**KENAN TRANSPORT CO (Continued)**

1000498021

Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	Not reported
Install Date:	01-JUL-1976		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

**AST:**

Facility ID:	8501517	Tank ID:	4
Facility Phone:	Not reported		
Facility Type:	County Government	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	County Government	Content Description:	Vehicular Diesel
Substance:			
Description:	Vehicular diesel		
Gallons:	6000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Status Date:	30-JUN-1987
Install Date:	01-OCT-1982		
Owner Id:	2778	Owner Phone:	(954) 357-6486
Owner Name:	BROWARD CNTY BD OF COMMISSIONERS		
Owner Contact:	SCOTT CAMPBELL		
Owner Address:	115 S ANDREWS AVE #504		
	ATTN: SCOTT CAMPBELL		
	FORT LAUDERDALE, FL 33301		

Tank Construction:

Tank Id:	Not reported
Construction Desc:	Not reported
Category:	Not reported
Description:	Not reported

Petro Monitoring:

Monitoring Desc:	Not reported
Category:	Not reported
Description:	Not reported

Tank Piping:

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

Facility ID:	8501517	Tank ID:	5
Facility Phone:	Not reported		
Facility Type:	County Government	Facility Status:	CLOSED
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	County Government	Content Description:	New/Lube Oil
Substance:			
Description:	New/lube oil		

MAP FINDINGS

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

**KENAN TRANSPORT CO (Continued)**
**1000498021**

Gallons:	1000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	Removed	Status Date:	30-JUN-1987
Install Date:	01-JUL-1986		
Owner Id:	2778	Owner Phone:	(954) 357-6486
Owner Name:	BROWARD CNTY BD OF COMMISSIONERS		
Owner Contact:	SCOTT CAMPBELL		
Owner Address:	115 S ANDREWS AVE #504 ATTN: SCOTT CAMPBELL FORT LAUDERDALE, FL 33301		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

**88**
**DIXIE METAL PRODUCTS INC  
2251 SW 36 ST  
FORT LAUDERDALE, FL 33312**
**Broward Co. EDIEAR S103271603  
N/A**

FL BROWARD COUNTY EDIEAR:

Facility ID:	1565		
Region:	BROWARD		
Facility Type:	Not reported		
Facility Department:	068622353		
Program Type:	FDEP		
Pollutant Type:	PETROLEUM		
Lead Agency:	BCDPEP		
Site Studies:	Not reported		
Remedy Selected:	No		
Remedy Design:	No		
Cleanup Ongoing:	No		
Project Completed:	No		
Environmental Assessment	Remediation License: Not reported		
Wellfield Site:	Not reported		
Wellfield Site 2:	Yes		

**88**
**DIXIE METAL PRODUCTS INC  
2251 SW 36TH STREET  
FORT LAUDERDALE, FL 33312**
**RCRIS-SQG 1000248430  
FINDS FLD042558155  
LUST  
UST**

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## DIXIE METAL PRODUCTS INC (Continued)

1000248430

### RCRIS:

Owner: JOE RAINBOTH, SHOP FOREMAN  
(305) 587-7191  
EPA ID: FLD042558155  
Contact: JOE RAINBOTH  
(305) 587-7191

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDf Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	02/03/1993
Actual Date Achieved Compliance:	04/15/1993
Enforcement Action:	DEP MEETING
Enforcement Action Date:	01/12/1993
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	02/03/1993
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP MEETING
Enforcement Action Date:	03/04/1993
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP SHORT FORM CONSENT ORDER
Enforcement Action Date:	04/15/1993
Penalty Type:	Final Monetary Penalty

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS

Date of  
Compliance  
19930415

### FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)  
Toxic Chemical Release Inventory System (TRIS)

### LUST:

Facility ID:	8622353	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	26° 4' 37" / 80° 10' 12"
Facility Status:	CLOSED	Facility Type:	Fuel User / Non-retail
Operator:	JOHN SCHNORR		
Facility Phone:	(305) 587-7191		
Related Party:	BROWARD CNTY AVIATION DEPT		
Related Party Addr:	320 TERMINAL DR ATTN:DOLORES A SMITH FORT LAUDERDALE, FL 33315		
RP Bad Address:	No		
Related Party ID:	2777	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	DOLORES A SMITH		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DIXIE METAL PRODUCTS INC (Continued)**

**1000248430**

Related Party Phone: (954) 359-6106  
 Related Party Begin: 05/20/94  
 Name Update: 06/24/97  
 Facility Cleanup Status: Application (Explanation: Cleanup program application has been received)  
 Facility Cleanup Score: 10  
 Facility Cleanup Rank: 9851  
 Discharge ID: 11319  
 Clean Up Work Status: INACTIVE  
 Discharge Date: 12/27/88  
 Pct Discharge Combined With: 11319  
 Discharge Cleanup Status: Eligible - No Task Level Data  
 Discharge Cleanup Status Date: 10/09/00  
 Clean Up Required by 62-770: New Cleanup Required  
 Information Source: EDI  
 Other Source Description: Not reported  
 Discharge Lead Agency: Local Program  
 Score Effective Date: 01/06/98  
 Inspection Date: 04/11/90  
 Contaminated Media ID: 8497  
 Contaminated Drinking Wells: 0  
 Contaminated Soil: No  
 Contaminated Surface Water: No  
 Contaminated Ground Water: Yes  
 Contaminated Monitoring Well: Yes  
 Pollutant ID: 14302  
 Pollutant Substance: Unleaded gas  
 Substance Category: Vehicular Fuels  
 Regulation Began: 1986-07-01  
 Pollutant Other Description: Not reported  
 Gallons Discharged: Not reported  
 Score: 10  
 Cleanup Eligibility Id: 12082  
 Cleanup Program: Early Detection Initiative  
 Cleanup Lead : State  
 Application Recvd Date: 01/04/89  
 Letter of Intent Date: Not reported  
 Eligibility Status: 07/02/90  
 Eligibility Status Date: E  
 Redetermined: No  
 Eligibility Letter Sent: 07/02/90  
 RAP Task ID: 26620  
 RAP Cleanup Responsible: State  
 RAP Order Completion Date: Not reported  
 RAP Actual Completion Date: Not reported  
 RAP Payment Date: Not reported  
 RAP Actual Cost: Not reported  
 RA Task ID: 26621  
 RA Cleanup Responsible: State  
 RA Actual Cost: Not reported  
 Ra Actual Years to Complete: Not reported  
 SRC Action Type: Not reported  
 SRC Submit Date: Not reported  
 SRC Review Date: Not reported  
 SRC Issue Date: Not reported  
 SRC Status Effective Date: Not reported  
 SRC Comment: Not reported



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DIXIE METAL PRODUCTS INC (Continued)**

**1000248430**

SA ID:	26619
SA Cleanup Responsible:	State
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	26618
SR Cleanup Responsible:	State
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported
Discharge ID:	11319
Clean Up Work Status:	INACTIVE
Discharge Date:	12/27/88
Pct Discharge Combined With:	11319
Discharge Cleanup Status:	Eligible - No Task Level Data
Discharge Cleanup Status Date:	10/09/00
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	EDI
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	01/06/98
Inspection Date:	04/11/90
Contaminated Media ID:	8497
Contaminated Drinking Wells:	0
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	14303
Pollutant Substance:	Vehicular diesel
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	10
Cleanup Eligibility Id:	12082
Cleanup Program:	Early Detection Initiative
Cleanup Lead :	State
Application Recvd Date:	01/04/89
Letter of Intent Date:	Not reported
Eligibility Status:	07/02/90
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	07/02/90
RAP Task ID:	26620

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DIXIE METAL PRODUCTS INC (Continued)**

1000248430

RAP Cleanup Responsible: State  
RAP Order Completion Date: Not reported  
RAP Actual Completion Date: Not reported  
RAP Payment Date: Not reported  
RAP Actual Cost: Not reported  
RA Task ID: 26621  
RA Cleanup Responsible: State  
RA Actual Cost: Not reported  
Ra Actual Years to Complete: Not reported  
SRC Action Type: Not reported  
SRC Submit Date: Not reported  
SRC Review Date: Not reported  
SRC Issue Date: Not reported  
SRC Status Effective Date: Not reported  
SRC Comment: Not reported  
SA ID: 26619  
SA Cleanup Responsible: State  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: 26618  
SR Cleanup Responsible: State  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported  
  
County Code : 6  
Score Ranked : 10  
Score Effective : 11/04/97  
Rank : 9851  
Cleanup Status : APPL  
Facility Status : CLOSED  
Type : C  
Facility Phone : (305) 587-7191  
Operator : JOHN SCHNORR  
Name Update : 06/24/97  
Address Update : Not reported  
Primary Responsible Party Id : 2777  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/20/94  
Responsible Party Name : BROWARD CNTY AVIATION DEPT  
Responsible Party Address: 320 TERMINAL DR  
ATTN:DOLORES A SMITH  
FORT LAUDERDALE, FL 33315  
  
Responsible Party Phone : (954) 359-6106  
Contact : DOLORES A SMITH  
Responsible Party Bad Address : No

UST:

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DIXIE METAL PRODUCTS INC (Continued)**

**1000248430**

Facility ID:	8622353	Facility Type:	Fuel User / Non-retail
Facility Phone:	(305) 587-7191	Facility Status:	CLOSED
Owner Id:	2777		
Owner Name:	BROWARD CNTY AVIATION DEPT		
Owner Address:	320 TERMINAL DR ATTN:DOLORES A SMITH FORT LAUDERDALE, FL 33315		
Owner Contact:	DOLORES A SMITH	Owner Phone:	(954) 359-6106
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	3000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-JUN-1994
Install Date:	01-JAN-1984		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	8622353	Facility Type:	Fuel User / Non-retail
Facility Phone:	(305) 587-7191	Facility Status:	CLOSED
Owner Id:	2777		
Owner Name:	BROWARD CNTY AVIATION DEPT		
Owner Address:	320 TERMINAL DR ATTN:DOLORES A SMITH FORT LAUDERDALE, FL 33315		
Owner Contact:	DOLORES A SMITH	Owner Phone:	(954) 359-6106
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	3	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unleaded gas		
Gallons:	4000		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-JUN-1994
Install Date:	01-JUL-1971		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**DIXIE METAL PRODUCTS INC (Continued)**

1000248430

Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:

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

Facility ID: 8622353  
Facility Phone: (305) 587-7191  
Owner Id: 2777  
Owner Name: BROWARD CNTY AVIATION DEPT  
Owner Address: 320 TERMINAL DR  
ATTN:DOLORES A SMITH  
FORT LAUDERDALE, FL 33315

Facility Type:  
Facility Status: Fuel User / Non-retail  
CLOSED

Owner Contact: DOLORES A SMITH

Owner Phone: (954) 359-6106

Tank Content Desc: Fuel user/Non-retail

Type Description: Fuel user/Non-retail

Tank Id: 1

Vessel Indicator: TANK

Tank Location: UNDERGROUND

Substance:

Description: Vehicular diesel  
Gallons: 4000  
Category: Vehicular Fuels  
Regulation Began: 1986-07-01

Tank Status: Removed

Tank Status Date: 01-JUN-1994

Install Date: 01-JAN-1984

Tank Construction:

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:

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

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**PASQUARIELLO PROPERTY  
2600 SW 36TH STREET  
FT. LAUDERDALE, FL 33317**

**CERCLIS 1000482094  
FINDS FLD984198333**

CERCLIS Classification Data:

Site Incident Category: Not reported

Federal Facility: Not a Federal Facility

Non NPL Status: SR

Ownership Status: Unknown

NPL Status: Not on the NPL

Contact: JIM MCGUIRE

Contact Tel: (404) 562-8911

Contact Title: Not reported

Contact: Carol Monell

Contact Tel: (404) 562-8719

Contact Title: Not reported

Contact: Robert Pope

Contact Tel: (404) 562-4300

Contact Title: Not reported

Site Description: PASQUARIELLO CONTRACTING INC. USED SITE AS A LANDFILL W/O PERMIT.  
WASTE DISPOSED IN THE DUMP INCLUDE TANKS, DRUMS, LIQUID WASTE, TRASH,  
DEBRIS, ETC. GW SAMPLES CONFIRM CONTAMINATION OF HEAVY METALS. VINYL

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PASQUARIELLO PROPERTY (Continued)**

1000482094

CHLORIDE IN GW IN VICINITY0660796PASQUARIE LLO CONTRACTING INC. USED SITE AS A LANDFILL W/O PERMIT. WASTE DISPOSED IN THE DUMP INCLUDE TANKS, DRUMS, LIQUID WASTE, TRASH, DEBRIS, ETC. GW SAMPLES CONFIRM CONTAMINATION OF HEAVY METALS. VINYL CHLORIDE IN GW IN VICINITY OF PROP

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	04/12/1991
Assessment:	PRELIMINARY ASSESSMENT	Completed:	08/06/1991
Assessment:	SITE INSPECTION	Completed:	07/14/1994

CERCLIS Site Status:

Low

CERCLIS Alias Name(s):

36TH STREET PROPERTY ACQUISITION

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)  
Facility Registry System (FRS)

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**DANIA MOTORCROSS/SPORTS  
2600 SW 36 ST  
DANIA, FL 33312**

Broward Co. EDIEAR S104292492  
N/A

FL BROWARD COUNTY EDIEAR:

Facility ID:	3658
Region:	BROWARD
Facility Type:	Not reported
Facility Department:	Not reported
Program Type:	NF
Pollutant Type:	ORGANICS&METALS
Lead Agency:	DEP
Site Studies:	Not reported
Remedy Selected:	No
Remedy Design:	Yes
Cleanup Ongoing:	Yes
Project Completed:	No
Environmental Assessment	Remediation License: Not reported
Wellfield Site:	Not reported
Wellfield Site 2:	Yes

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**PERMA FIX OF FT LAUDERDALE INC  
3670 SW 47TH AVE  
DAVIE, FL 33314**

RCRIS-SQG 1000202542  
FINDS FLD981018773  
LUST  
SWF/LF  
CORRACTS  
AST

CORRACTS Data:

EPA Id:	FLD981018773
Region:	4
State:	FL
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	6/18/1998
Corrective Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

RCRIS Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event Date: 06/18/1998

RCRIS:

Owner: MICHAEL HAYNES, VP  
(305) 583-3795

EPA ID: FLD981018773

Contact: CHRIS BLANTON  
(800) 959-9543

Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator

Used Oil Recyc: Yes

TSD Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 40 CFR 264  
Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
Date Violation Determined: 04/25/2002  
Actual Date Achieved Compliance: 04/30/2002

Regulation Violated: 40 CFR 265.15(D)  
Area of Violation: FLUPR  
Date Violation Determined: 04/25/2002  
Actual Date Achieved Compliance: 04/25/2002

Regulation Violated: 279.52(B)(2)  
Area of Violation: FLUPR  
Date Violation Determined: 07/25/2001  
Actual Date Achieved Compliance: 09/27/2001

Regulation Violated: 40CFR 262.34(D)(5)  
Area of Violation: GENERATOR-SQG REQUIREMENTS  
Date Violation Determined: 04/13/2000  
Actual Date Achieved Compliance: 04/19/2000

Regulation Violated: 40CFR 262.23(A)(2)  
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS  
Date Violation Determined: 04/13/2000  
Actual Date Achieved Compliance: 04/19/2000

Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 09/10/1998  
Actual Date Achieved Compliance: 08/14/1999

Regulation Violated: 40 CFR 265.53  
Area of Violation: TSD-CONTINGENCY PLAN REQUIREMENTS  
Date Violation Determined: 08/05/1996  
Actual Date Achieved Compliance: 12/05/1996

Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 02/14/1994  
Actual Date Achieved Compliance: 05/11/1995

Enforcement Action: DEP WARNING LETTER  
Enforcement Action Date: 08/31/1988  
Penalty Type: Final Monetary Penalty

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PERMA FIX OF FT LAUDERDALE INC (Continued)**

1000202542

Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	02/14/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/24/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP SHORT FORM CONSENT ORDER
Enforcement Action Date:	05/11/1995
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	02/14/1994
Actual Date Achieved Compliance:	05/11/1995
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	02/14/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/24/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP SHORT FORM CONSENT ORDER
Enforcement Action Date:	05/11/1995
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	02/14/1994
Actual Date Achieved Compliance:	05/11/1995
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	02/14/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/24/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP SHORT FORM CONSENT ORDER
Enforcement Action Date:	05/11/1995
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	02/14/1994
Actual Date Achieved Compliance:	05/11/1995
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	02/14/1994

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PERMA FIX OF FT LAUDERDALE INC (Continued)**

**1000202542**

Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/24/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP SHORT FORM CONSENT ORDER
Enforcement Action Date:	05/11/1995
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	02/14/1994
Actual Date Achieved Compliance:	05/11/1995
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	02/14/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/24/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP SHORT FORM CONSENT ORDER
Enforcement Action Date:	05/11/1995
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	02/14/1994
Actual Date Achieved Compliance:	05/11/1995
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	02/14/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP MEETING
Enforcement Action Date:	02/24/1994
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP SHORT FORM CONSENT ORDER
Enforcement Action Date:	05/11/1995
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	10/28/1992
Actual Date Achieved Compliance:	10/28/1992
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	10/28/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	10/28/1992
Actual Date Achieved Compliance:	10/28/1992



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PERMA FIX OF FT LAUDERDALE INC (Continued)**

1000202542

Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	10/28/1992
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	10/28/1992
Actual Date Achieved Compliance:	10/28/1992
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	10/28/1992
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	10/28/1992
Actual Date Achieved Compliance:	10/28/1992
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	10/28/1992
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	04/18/1990
Actual Date Achieved Compliance:	07/26/1990
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	12/15/1989
Actual Date Achieved Compliance:	04/08/1993
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	12/15/1989
Actual Date Achieved Compliance:	08/20/1990
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	01/11/1990
Penalty Type:	Final Monetary Penalty
Enforcement Action:	DEP CONSENT ORDER
Enforcement Action Date:	08/20/1990
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	05/24/1988

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PERMA FIX OF FT LAUDERDALE INC (Continued)**

**1000202542**

Actual Date Achieved Compliance:	12/15/1989
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	10/28/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	05/24/1988
Actual Date Achieved Compliance:	09/20/1988
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	10/28/1992
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	05/24/1988
Actual Date Achieved Compliance:	09/20/1988
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	10/28/1992
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	05/24/1988
Actual Date Achieved Compliance:	09/20/1988
Enforcement Action:	DEP WARNING LETTER
Enforcement Action Date:	08/31/1988
Penalty Type:	Final Monetary Penalty
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	10/28/1992
Penalty Type:	Final Monetary Penalty

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

There are 24 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	TRANSPORTER-GENERAL REQUIREMENTS	20020430
	FLUPR	20020425
Compliance Evaluation Inspection	FLUPR	20010927
Compliance Evaluation Inspection	GENERATOR-SQG REQUIREMENTS	20000419
	GENERATOR-MANIFEST REQUIREMENTS	20000419
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19990814
Compliance Evaluation Inspection	TSD-CONTINGENCY PLAN REQUIREMENTS	19961205
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19950511
	GENERATOR-OTHER REQUIREMENTS	19950511
	GENERATOR-OTHER REQUIREMENTS	19950511
	GENERATOR-OTHER REQUIREMENTS	19950511
	GENERATOR-OTHER REQUIREMENTS	19950511
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19950511
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19921028
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19921028
	TSD-GENERAL STANDARDS	19921028
	TSD-GENERAL STANDARDS	19921028
Other Evaluation	GENERATOR-OTHER REQUIREMENTS	19900726
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19930408
	GENERATOR-OTHER REQUIREMENTS	19900820
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19891215
	GENERATOR-OTHER REQUIREMENTS	19880920
	GENERATOR-OTHER REQUIREMENTS	19880920
	GENERATOR-OTHER REQUIREMENTS	19880920

### NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

### FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

### LUST:

Facility ID:	9102123	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	025	Township:	50S
Range:	41G	Lat/long:	26° 3' 50" / 80° 6' 20"
Facility Status:	OPEN	Facility Type:	Fuel User / Non-retail
Operator:	CHRISTOPHER BLANTON		
Facility Phone:	(954) 583-3795		
Related Party:	PERMA-FIX OF FORT LAUDERDALE INC		
Related Party Addr:	3670 SW 47TH AVE		
	ATTN: CHRIS BLANTON		
	DAVIE, FL 33314		
RP Bad Address:	Not reported		
Related Party ID:	41304	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	CHRISTOPHER BLANTON		
Related Party Phone:	(954) 583-3795		
Related Party Begin:	07/28/95	Contamination ID:	22791
Name Update:	07/28/95	Address Update:	06/21/99
Facility Cleanup Status:	Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Facility Cleanup Score:	Not reported
Facility Cleanup Rank:	Not reported
Discharge ID:	52053
Clean Up Work Status:	COMPLETED
Discharge Date:	10/12/96
Pct Discharge Combined With:	52053
Discharge Cleanup Status:	SRCR Complete (Explanation: Site Rehabilitation Completion Report has been Approved)
Discharge Cleanup Status Date:	01/03/00
Clean Up Required by 62-770:	Not reported
Information Source:	Other
Other Source Description:	Not reported
Discharge Lead Agency:	Not reported
Score Effective Date:	Not reported
Inspection Date:	10/12/96
Contaminated Media ID:	21097
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Yes
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	34764
Pollutant Substance:	Waste oil
Substance Category:	Petroleum Pollutant
Regulation Began:	1991-04-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	Not reported
Cleanup Program:	Not reported
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	64086
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	61987
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	0
SRC Action Type:	SRCR
SRC Submit Date:	11/03/99
SRC Review Date:	01/03/00
SRC Issue Date:	09/14/00
SRC Status Effective Date:	01/03/00
SRC Comment:	APPROVED
SA ID:	66924
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported

County Code : Not reported  
Score Ranked : Not reported  
Score Effective : Not reported  
Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

LF:

Facility ID: 54606 Facility Type: Not reported  
Address: Not reported  
GMS\_ID: 5006P04072 District: SED  
Owner Type: PRIVATE  
Liner Type: Not reported Location Type: Not reported  
Section: 25-50S-41  
Class Type: USED OIL RECYCLING  
Lat/Long: 26:4:36 / 80:12:34.83

AST:

Facility ID: 9102123 Tank ID: 20  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail Facility Status: OPEN  
Tank Location: ABOVEGROUND Vessel Indicator: TANK  
Type Description: Fuel user/Non-retail Content Description: Vehicular Diesel  
Substance:  
Description: Vehicular diesel  
Gallons: 1000  
Category: Vehicular Fuels

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PERMA FIX OF FT LAUDERDALE INC (Continued)**

**1000202542**

Regulation Began:1986-07-01  
 Tank Status: In service Status Date: Not reported  
 Install Date: 01-MAY-1992  
 Owner Id: 41304 Owner Phone: (954) 583-3795  
 Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
 Owner Contact: CHRISTOPHER BLANTON  
 Owner Address: 3670 SW 47TH AVE  
 ATTN: CHRIS BLANTON  
 DAVIE, FL 33314

Tank Construction:  
 Tank Id: 20  
 Construction DescSteel  
 Category: Primary Construction  
 Description: Steel

Petro Monitoring:  
 Monitoring Desc: Visual inspection of ASTs  
 Category: Q  
 Description: Q

Tank Piping:  
 Piping Desc: Abv, no soil contact  
 Category: Miscellaneous Attributes  
 Description: Aboveground-no contact with soil

Piping Desc: Steel/galvanized metal  
 Category: Primary Construction  
 Description: Steel or Galvanized Metal

Piping Desc: External protective coating  
 Category: Corrosion Protection  
 Description: External Protective Coating

Facility ID: 9102123 Tank ID: 1  
 Facility Phone: (954) 583-3795  
 Facility Type: Fuel User / Non-retail Facility Status: OPEN  
 Tank Location: ABOVEGROUND Vessel Indicator: TANK  
 Type Description: Fuel user/Non-retail Content Description: Waste Oil  
 Substance:  
 Description: Waste oil  
 Gallons: 8000  
 Category: Petroleum Pollutant

Regulation Began:1991-04-01  
 Tank Status: In service Status Date: Not reported  
 Install Date: 01-JAN-1989  
 Owner Id: 41304 Owner Phone: (954) 583-3795  
 Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
 Owner Contact: CHRISTOPHER BLANTON  
 Owner Address: 3670 SW 47TH AVE  
 ATTN: CHRIS BLANTON  
 DAVIE, FL 33314

Tank Construction:  
 Tank Id: 1  
 Construction DescSteel  
 Category: Primary Construction  
 Description: Steel

Tank Id: 1  
 Construction DescFlow shut-Off

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PERMA FIX OF FT LAUDERDALE INC (Continued)**

**1000202542**

Category: Overfill/Spill  
Description: Flow shut off

Tank Id: 1  
Construction DescAST containment  
Category: Secondary Containment  
Description: Cnrt, synt mat; offsite clay bneth AST & cnmt area

Tank Id: 1  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Petro Monitoring:  
Monitoring Desc: Visual inspection of ASTs  
Category: Q  
Description: Q

Tank Piping:  
Piping Desc: Abv, no soil contact  
Category: Miscellaneous Attributes  
Description: Aboveground-no contact with soil

Piping Desc: External protective coating  
Category: Corrosion Protection  
Description: External Protective Coating

Piping Desc: Pipe trench liner  
Category: Secondary Containment  
Description: Syn or box/trench liner in piping excvtn/cnmt area

Facility ID:	9102123	Tank ID:	5
Facility Phone:	(954) 583-3795		
Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Waste Oil
Substance:			
Description:	Waste oil		
Gallons:	10000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		

Tank Status:	In service	Status Date:	Not reported
Install Date:	01-JUN-1987		
Owner Id:	41304	Owner Phone:	(954) 583-3795
Owner Name:	PERMA-FIX OF FORT LAUDERDALE INC		
Owner Contact:	CHRISTOPHER BLANTON		
Owner Address:	3670 SW 47TH AVE ATTN: CHRIS BLANTON DAVIE, FL 33314		

Tank Construction:  
Tank Id: 5  
Construction DescSteel  
Category: Primary Construction  
Description: Steel

Tank Id: 5  
Construction DescFlow shut-Off  
Category: Overfill/Spill  
Description: Flow shut off

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Tank Id: 5  
Construction Desc: AST containment  
Category: Secondary Containment  
Description: Cncrt, synt mat; offsite clay bneth AST & cnmt area

Tank Id: 5  
Construction Desc: Spill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Petro Monitoring:  
Monitoring Desc: Visual inspection of ASTs  
Category: Q  
Description: Q

Tank Piping:  
Piping Desc: Abv, no soil contact  
Category: Miscellaneous Attributes  
Description: Aboveground-no contact with soil

Piping Desc: Pipe trench liner  
Category: Secondary Containment  
Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Bulk product system  
Category: Miscellaneous Attributes  
Description: Bulk product piping

Facility ID: 9102123  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 3  
Facility Status: OPEN  
Vessel Indicator: TANK  
Content Description: Waste Oil

Substance:  
Description: Waste oil  
Gallons: 6000  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01

Tank Status: In service  
Status Date: Not reported

Install Date: 01-APR-1989

Owner Id: 41304

Owner Phone: (954) 583-3795

Owner Name: PERMA-FIX OF FORT LAUDERDALE INC

Owner Contact: CHRISTOPHER BLANTON

Owner Address: 3670 SW 47TH AVE  
ATTN: CHRIS BLANTON  
DAVIE, FL 33314

Tank Construction:  
Tank Id: 3  
Construction Desc: Steel  
Category: Primary Construction  
Description: Steel

Tank Id: 3  
Construction Desc: Flow shut-Off  
Category: Overfill/Spill  
Description: Flow shut off

Tank Id: 3



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PERMA FIX OF FT LAUDERDALE INC (Continued)**

1000202542

Construction DescAST containment  
Category: Secondary Containment  
Description: Cncrt, synt mat; offsite clay bneth AST & cnmt area

Tank Id: 3  
Construction DescSpill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Petro Monitoring:  
Monitoring Desc: Visual inspection of ASTs  
Category: Q  
Description: Q

Tank Piping:  
Piping Desc: Abv, no soil contact  
Category: Miscellaneous Attributes  
Description: Aboveground-no contact with soil

Piping Desc: Pipe trench liner  
Category: Secondary Containment  
Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Bulk product system  
Category: Miscellaneous Attributes  
Description: Bulk product piping

Facility ID: 9102123  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 8  
Facility Status: OPEN  
Vessel Indicator: TANK  
Content Description: Waste Oil

Substance:  
Description: Waste oil  
Gallons: 20000  
Category: Petroleum Pollutant  
Regulation Began:1991-04-01

Tank Status: In service  
Install Date: 01-JUN-1987  
Owner Id: 41304  
Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
Owner Contact: CHRISTOPHER BLANTON  
Owner Address: 3670 SW 47TH AVE  
ATTN: CHRIS BLANTON  
DAVIE, FL 33314

Status Date: Not reported  
Owner Phone: (954) 583-3795

Tank Construction:  
Tank Id: 8  
Construction DescSteel  
Category: Primary Construction  
Description: Steel

Tank Id: 8  
Construction DescAST containment  
Category: Secondary Containment  
Description: Cncrt, synt mat; offsite clay bneth AST & cnmt area

Tank Id: 8  
Construction DescFlow shut-Off  
Category: Overfill/Spill

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Description: Flow shut off

Tank Id: 8

Construction DescSpill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Petro Monitoring:

Monitoring Desc: Visual inspection of ASTs

Category: Q

Description: Q

Tank Piping:

Piping Desc: Abv, no soil contact

Category: Miscellaneous Attributes

Description: Aboveground-no contact with soil

Piping Desc: Pipe trench liner

Category: Secondary Containment

Description: Syn or box/trench liner in piping excvtr/cnmt area

Piping Desc: Bulk product system

Category: Miscellaneous Attributes

Description: Bulk product piping

Facility ID: 9102123

Facility Phone: (954) 583-3795

Facility Type: Fuel User / Non-retail

Tank Location: ABOVEGROUND

Type Description: Fuel user/Non-retail

Substance:

Description: Waste oil

Gallons: 10000

Category: Petroleum Pollutant

Regulation Began:1991-04-01

Tank Status: In service

Install Date: 01-JUN-1987

Owner Id: 41304

Owner Name: PERMA-FIX OF FORT LAUDERDALE INC

Owner Contact: CHRISTOPHER BLANTON

Owner Address: 3670 SW 47TH AVE

ATTN: CHRIS BLANTON

DAVIE, FL 33314

Tank ID: 6

Facility Status: OPEN

Vessel Indicator: TANK

Content Description: Waste Oil

Status Date: Not reported

Owner Phone: (954) 583-3795

Tank Construction:

Tank Id: 6

Construction DescSteel

Category: Primary Construction

Description: Steel

Tank Id: 6

Construction DescSpill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

Tank Id: 6

Construction DescFlow shut-Off

Category: Overfill/Spill

Description: Flow shut off

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Tank Id: 6  
Construction DescAST containment  
Category: Secondary Containment  
Description: Cnrt, synt mat; offsite clay bneth AST & cnmt area  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Abv, no soil contact  
Category: Miscellaneous Attributes  
Description: Aboveground-no contact with soil  
  
Piping Desc: Pipe trench liner  
Category: Secondary Containment  
Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Bulk product system  
Category: Miscellaneous Attributes  
Description: Bulk product piping

Facility ID: 9102123  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail  
Substance:  
Description: Waste oil  
Gallons: 20000  
Category: Petroleum Pollutant  
Regulation Began:1991-04-01

Tank ID: 11  
Facility Status: OPEN  
Vessel Indicator: TANK  
Content Description: Waste Oil

Tank Status: In service  
Install Date: 01-JUN-1987  
Owner Id: 41304  
Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
Owner Contact: CHRISTOPHER BLANTON  
Owner Address: 3670 SW 47TH AVE  
ATTN: CHRIS BLANTON  
DAVIE, FL 33314

Status Date: Not reported  
Owner Phone: (954) 583-3795

Tank Construction:  
Tank Id: 11  
Construction DescSteel  
Category: Primary Construction  
Description: Steel

Tank Id: 11  
Construction DescFlow shut-Off  
Category: Overfill/Spill  
Description: Flow shut off

Tank Id: 11  
Construction DescAST containment  
Category: Secondary Containment  
Description: Cnrt, synt mat; offsite clay bneth AST & cnmt area

Tank Id: 11  
Construction DescSpill containment bucket

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Category:	Overfill/Spill		
Description:	Spill containment bucket		
Petro Monitoring:			
Monitoring Desc:	Visual inspection of ASTs		
Category:	Q		
Description:	Q		
Tank Piping:			
Piping Desc:	Abv, no soil contact		
Category:	Miscellaneous Attributes		
Description:	Aboveground-no contact with soil		
Piping Desc:	Pipe trench liner		
Category:	Secondary Containment		
Description:	Syn or box/trench liner in piping excvtn/cnmt area		
Piping Desc:	Bulk product system		
Category:	Miscellaneous Attributes		
Description:	Bulk product piping		
Facility ID:	9102123	Tank ID:	13
Facility Phone:	(954) 583-3795	Facility Status:	OPEN
Facility Type:	Fuel User / Non-retail	Vessel Indicator:	TANK
Tank Location:	ABOVEGROUND	Content Description:	Waste Oil
Type Description:	Fuel user/Non-retail		
Substance:			
Description:	Waste oil		
Gallons:	20000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	In service	Status Date:	Not reported
Install Date:	01-MAR-1989	Owner Phone:	(954) 583-3795
Owner Id:	41304		
Owner Name:	PERMA-FIX OF FORT LAUDERDALE INC		
Owner Contact:	CHRISTOPHER BLANTON		
Owner Address:	3670 SW 47TH AVE ATTN: CHRIS BLANTON DAVIE, FL 33314		
Tank Construction:			
Tank Id:	13		
Construction Desc:	Steel		
Category:	Primary Construction		
Description:	Steel		
Tank Id:	13		
Construction Desc:	Flow shut-Off		
Category:	Overfill/Spill		
Description:	Flow shut off		
Tank Id:	13		
Construction Desc:	AST containment		
Category:	Secondary Containment		
Description:	Cnrt, synt mat; offsite clay bneth AST & cnmt area		
Tank Id:	13		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

### Petro Monitoring:

Monitoring Desc: Visual inspection of ASTs

Category: Q

Description: Q

### Tank Piping:

Piping Desc: Abv, no soil contact

Category: Miscellaneous Attributes

Description: Aboveground-no contact with soil

Piping Desc: Pipe trench liner

Category: Secondary Containment

Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Bulk product system

Category: Miscellaneous Attributes

Description: Bulk product piping

Facility ID: 9102123

Facility Phone: (954) 583-3795

Facility Type: Fuel User / Non-retail

Tank Location: ABOVEGROUND

Type Description: Fuel user/Non-retail

Substance:

Description: Waste oil

Gallons: 2000

Category: Petroleum Pollutant

Regulation Began:1991-04-01

Tank Status: In service

Install Date: 01-APR-1989

Owner Id: 41304

Owner Name: PERMA-FIX OF FORT LAUDERDALE INC

Owner Contact: CHRISTOPHER BLANTON

Owner Address: 3670 SW 47TH AVE  
ATTN: CHRIS BLANTON  
DAVIE, FL 33314

Tank ID: 19

Facility Status: OPEN

Vessel Indicator: TANK

Content Description: Waste Oil

Status Date: Not reported

Owner Phone: (954) 583-3795

### Tank Construction:

Tank Id: 19

Construction DescSteel

Category: Primary Construction

Description: Steel

Tank Id: 19

Construction DescFlow shut-Off

Category: Overfill/Spill

Description: Flow shut off

Tank Id: 19

Construction DescAST containment

Category: Secondary Containment

Description: Cnrt, synt mat; offsite clay bneth AST & cnmt area

Tank Id: 19

Construction DescSpill containment bucket

Category: Overfill/Spill

Description: Spill containment bucket

### Petro Monitoring:

Monitoring Desc: Visual inspection of ASTs

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Category:	Q		
Description:	Q		
Tank Piping:			
Piping Desc:	Abv, no soil contact		
Category:	Miscellaneous Attributes		
Description:	Aboveground-no contact with soil		
Piping Desc:	Pipe trench liner		
Category:	Secondary Containment		
Description:	Syn or box/trench liner in piping excvtn/cnmt area		
Piping Desc:	Bulk product system		
Category:	Miscellaneous Attributes		
Description:	Bulk product piping		
Facility ID:	9102123	Tank ID:	2
Facility Phone:	(954) 583-3795	Facility Status:	OPEN
Facility Type:	Fuel User / Non-retail	Vessel Indicator:	TANK
Tank Location:	ABOVEGROUND	Content Description:	Waste Oil
Type Description:	Fuel user/Non-retail		
Substance:			
Description:	Waste oil		
Gallons:	8000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	In service	Status Date:	Not reported
Install Date:	01-JAN-1989		
Owner Id:	41304	Owner Phone:	(954) 583-3795
Owner Name:	PERMA-FIX OF FORT LAUDERDALE INC		
Owner Contact:	CHRISTOPHER BLANTON		
Owner Address:	3670 SW 47TH AVE ATTN: CHRIS BLANTON DAVIE, FL 33314		
Tank Construction:			
Tank Id:	2		
Construction Desc:	Steel		
Category:	Primary Construction		
Description:	Steel		
Tank Id:	2		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Tank Id:	2		
Construction Desc:	Flow shut-Off		
Category:	Overfill/Spill		
Description:	Flow shut off		
Tank Id:	2		
Construction Desc:	AST containment		
Category:	Secondary Containment		
Description:	Cnrt, synt mat; offsite clay bneth AST & cnmt area		
Petro Monitoring:			
Monitoring Desc:	Visual inspection of ASTs		
Category:	Q		
Description:	Q		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

### Tank Piping:

Piping Desc: Abv, no soil contact  
Category: Miscellaneous Attributes  
Description: Aboveground-no contact with soil

Piping Desc: Pipe trench liner  
Category: Secondary Containment  
Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Bulk product system  
Category: Miscellaneous Attributes  
Description: Bulk product piping

Facility ID: 9102123  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 12  
Facility Status: OPEN  
Vessel Indicator: TANK  
Content Description: Waste Oil

Substance:  
Description: Waste oil  
Gallons: 20000  
Category: Petroleum Pollutant  
Regulation Began: 1991-04-01

Tank Status: In service  
Install Date: 01-MAR-1989  
Owner Id: 41304  
Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
Owner Contact: CHRISTOPHER BLANTON  
Owner Address: 3670 SW 47TH AVE  
ATTN: CHRIS BLANTON  
DAVIE, FL 33314

Status Date: Not reported

Owner Phone: (954) 583-3795

### Tank Construction:

Tank Id: 12  
Construction Desc: Steel  
Category: Primary Construction  
Description: Steel

Tank Id: 12  
Construction Desc: Spill containment bucket  
Category: Overfill/Spill  
Description: Spill containment bucket

Tank Id: 12  
Construction Desc: Flow shut-Off  
Category: Overfill/Spill  
Description: Flow shut off

Tank Id: 12  
Construction Desc: AST containment  
Category: Secondary Containment  
Description: Cnrt, synt mat; offsite clay bneth AST & cnmt area

### Petro Monitoring:

Monitoring Desc: Visual inspection of ASTs  
Category: Q  
Description: Q

### Tank Piping:

Piping Desc: Abv, no soil contact

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Category:	Miscellaneous Attributes		
Description:	Aboveground-no contact with soil		
Piping Desc:	Pipe trench liner		
Category:	Secondary Containment		
Description:	Syn or box/trench liner in piping excvtn/cnmt area		
Piping Desc:	Bulk product system		
Category:	Miscellaneous Attributes		
Description:	Bulk product piping		
Facility ID:	9102123	Tank ID:	10
Facility Phone:	(954) 583-3795		
Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Waste Oil
Substance:			
Description:	Waste oil		
Gallons:	20000		
Category:	Petroleum Pollutant		
Regulation Began:	1991-04-01		
Tank Status:	In service	Status Date:	Not reported
Install Date:	01-JUN-1987		
Owner Id:	41304	Owner Phone:	(954) 583-3795
Owner Name:	PERMA-FIX OF FORT LAUDERDALE INC		
Owner Contact:	CHRISTOPHER BLANTON		
Owner Address:	3670 SW 47TH AVE ATTN: CHRIS BLANTON DAVIE, FL 33314		
Tank Construction:			
Tank Id:	10		
Construction Desc:	Steel		
Category:	Primary Construction		
Description:	Steel		
Tank Id:	10		
Construction Desc:	Spill containment bucket		
Category:	Overfill/Spill		
Description:	Spill containment bucket		
Tank Id:	10		
Construction Desc:	Flow shut-Off		
Category:	Overfill/Spill		
Description:	Flow shut off		
Tank Id:	10		
Construction Desc:	AST containment		
Category:	Secondary Containment		
Description:	Cncrt, synt mat; offsite clay bneth AST & cnmt area		
Petro Monitoring:			
Monitoring Desc:	Visual inspection of ASTs		
Category:	Q		
Description:	Q		
Tank Piping:			
Piping Desc:	Abv, no soil contact		
Category:	Miscellaneous Attributes		
Description:	Aboveground-no contact with soil		



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Piping Desc: Pipe trench liner  
Category: Secondary Containment  
Description: Syn or box/trench liner in piping excvtn/cnmt area

Piping Desc: Bulk product system  
Category: Miscellaneous Attributes  
Description: Bulk product piping

Facility ID: 9102123  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 14  
Facility Status: OPEN  
Vessel Indicator: TANK  
Content Description: Other Non Regulated

Substance:  
Description: Z  
Gallons: 20000  
Category: Exempt Substances  
Regulation Began: 1986-07-01

Tank Status: In service  
Install Date: 01-MAR-1989  
Owner Id: 41304  
Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
Owner Contact: CHRISTOPHER BLANTON  
Owner Address: 3670 SW 47TH AVE  
ATTN: CHRIS BLANTON  
DAVIE, FL 33314

Status Date: Not reported  
Owner Phone: (954) 583-3795

Tank Construction:  
Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 9102123  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail

Tank ID: 9  
Facility Status: OPEN  
Vessel Indicator: TANK  
Content Description: Other Non Regulated

Substance:  
Description: Z  
Gallons: 20000  
Category: Exempt Substances  
Regulation Began: 1986-07-01

Tank Status: In service  
Install Date: 01-APR-1989  
Owner Id: 41304  
Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
Owner Contact: CHRISTOPHER BLANTON  
Owner Address: 3670 SW 47TH AVE

Status Date: Not reported  
Owner Phone: (954) 583-3795

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

ATTN: CHRIS BLANTON  
DAVIE, FL 33314

### Tank Construction:

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

### Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

### Tank Piping:

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

Facility ID: 9102123  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail  
Substance:  
Description: Z  
Gallons: 20000  
Category: Exempt Substances  
Regulation Began: 1986-07-01

Tank ID: 16  
Facility Status: OPEN  
Vessel Indicator: TANK  
Content Description: Other Non Regulated

Tank Status: In service  
Install Date: 01-APR-1989  
Owner Id: 41304  
Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
Owner Contact: CHRISTOPHER BLANTON  
Owner Address: 3670 SW 47TH AVE  
ATTN: CHRIS BLANTON  
DAVIE, FL 33314

Status Date: Not reported  
Owner Phone: (954) 583-3795

### Tank Construction:

Tank Id: Not reported  
Construction Desc: Not reported  
Category: Not reported  
Description: Not reported

### Petro Monitoring:

Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

### Tank Piping:

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

Facility ID: 9102123  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail  
Tank Location: ABOVEGROUND  
Type Description: Fuel user/Non-retail  
Substance:  
Description: Z  
Gallons: 6500  
Category: Exempt Substances

Tank ID: 18  
Facility Status: OPEN  
Vessel Indicator: TANK  
Content Description: Other Non Regulated

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Regulation Began:1986-07-01  
Tank Status: In service Status Date: Not reported  
Install Date: 01-APR-1989  
Owner Id: 41304 Owner Phone: (954) 583-3795  
Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
Owner Contact: CHRISTOPHER BLANTON  
Owner Address: 3670 SW 47TH AVE  
ATTN: CHRIS BLANTON  
DAVIE, FL 33314

Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 9102123 Tank ID: 4  
Facility Phone: (954) 583-3795  
Facility Type: Fuel User / Non-retail Facility Status: OPEN  
Tank Location: ABOVEGROUND Vessel Indicator: TANK  
Type Description: Fuel user/Non-retail Content Description: Other Non Regulated  
Substance:  
Description: Z  
Gallons: 6000  
Category: Exempt Substances

Regulation Began:1986-07-01  
Tank Status: In service Status Date: Not reported  
Install Date: 01-APR-1989  
Owner Id: 41304 Owner Phone: (954) 583-3795  
Owner Name: PERMA-FIX OF FORT LAUDERDALE INC  
Owner Contact: CHRISTOPHER BLANTON  
Owner Address: 3670 SW 47TH AVE  
ATTN: CHRIS BLANTON  
DAVIE, FL 33314

Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported

Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported

Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

Facility ID: 9102123 Tank ID: 7  
Facility Phone: (954) 583-3795

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PERMA FIX OF FT LAUDERDALE INC (Continued)

1000202542

Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Other Non Regulated
Substance:			
Description:	Z		
Gallons:	10000		
Category:	Exempt Substances		
Regulation Began:	1986-07-01		
Tank Status:	In service	Status Date:	Not reported
Install Date:	01-MAR-1989		
Owner Id:	41304	Owner Phone:	(954) 583-3795
Owner Name:	PERMA-FIX OF FORT LAUDERDALE INC		
Owner Contact:	CHRISTOPHER BLANTON		
Owner Address:	3670 SW 47TH AVE ATTN: CHRIS BLANTON DAVIE, FL 33314		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	9102123	Tank ID:	17
Facility Phone:	(954) 583-3795		
Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Other Non Regulated
Substance:			
Description:	Z		
Gallons:	20000		
Category:	Exempt Substances		
Regulation Began:	1986-07-01		
Tank Status:	In service	Status Date:	Not reported
Install Date:	01-APR-1989		
Owner Id:	41304	Owner Phone:	(954) 583-3795
Owner Name:	PERMA-FIX OF FORT LAUDERDALE INC		
Owner Contact:	CHRISTOPHER BLANTON		
Owner Address:	3670 SW 47TH AVE ATTN: CHRIS BLANTON DAVIE, FL 33314		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PERMA FIX OF FT LAUDERDALE INC (Continued)**

1000202542

Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	9102123	Tank ID:	15
Facility Phone:	(954) 583-3795		
Facility Type:	Fuel User / Non-retail	Facility Status:	OPEN
Tank Location:	ABOVEGROUND	Vessel Indicator:	TANK
Type Description:	Fuel user/Non-retail	Content Description:	Other Non Regulated
Substance:			
Description:	Z		
Gallons:	20000		
Category:	Exempt Substances		
Regulation Began:	1986-07-01		
Tank Status:	In service	Status Date:	Not reported
Install Date:	01-APR-1989		
Owner Id:	41304	Owner Phone:	(954) 583-3795
Owner Name:	PERMA-FIX OF FORT LAUDERDALE INC		
Owner Contact:	CHRISTOPHER BLANTON		
Owner Address:	3670 SW 47TH AVE ATTN: CHRIS BLANTON DAVIE, FL 33314		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

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**BROWARD CNTY AVIATION FIRE RESCUE  
FORT LAUDERDALE/HOLLYWOOD INTL AIRPORT  
FORT LAUDERDAL, FL 33004**

**LUST U003339907  
UST N/A**

**LUST:**

Facility ID:	9602290	Region:	STATE
Facility District:	SE	Facility County:	BROWARD
Section:	Not reported	Township:	Not reported
Range:	Not reported	Lat/long:	Not reported
Facility Status:	CLOSED	Facility Type:	County Government
Operator:	DOLORES SMITH		
Facility Phone:	(954) 359-6106		
Related Party:	BROWARD CNTY AVIATION DEPT		
Related Party Addr:	320 TERMINAL DR ATTN:DOLORES A SMITH FORT LAUDERDALE, FL 33315		
RP Bad Address:	No		
Related Party ID:	2777	Related Party Role:	ACCOUNT OWNER
Related Prty Contact:	DOLORES A SMITH		
Related Party Phone:	(954) 359-6106		
Related Party Begin:	10/18/96	Contamination ID:	22437
Name Update:	10/18/96	Address Update:	04/08/99

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD CNTY AVIATION FIRE RESCUE (Continued)

U003339907

Facility Cleanup Status:	Completed (Explanation: All related discharge cleanup activities are completed. At least 1 discharge required a cleanup activity. Some may have never required cleanup, per Chapter 17-770 rules or contamination was not found by inspection)
Facility Cleanup Score:	Not reported
Facility Cleanup Rank:	Not reported
Discharge ID:	51479
Clean Up Work Status:	COMPLETED
Discharge Date:	06/25/98
Pct Discharge Combined With:	51479
Discharge Cleanup Status:	NFA Complete (Explanation: No Further Action Status Approved)
Discharge Cleanup Status Date:	08/21/02
Clean Up Required by 62-770:	New Cleanup Required
Information Source:	Discharge Notification
Other Source Description:	Not reported
Discharge Lead Agency:	Local Program
Score Effective Date:	Not reported
Inspection Date:	06/25/98
Contaminated Media ID:	20494
Contaminated Drinking Wells:	Not reported
Contaminated Soil:	Yes
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	Yes
Pollutant ID:	34132
Pollutant Substance:	Jet fuel
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	UNKNOWN GALLONAGE
Gallons Discharged:	Not reported
Score:	Not reported
Cleanup Eligibility Id:	Not reported
Cleanup Program:	Not reported
Cleanup Lead :	Not reported
Application Recvd Date:	Not reported
Letter of Intent Date:	Not reported
Eligibility Status:	Not reported
Eligibility Status Date:	Not reported
Redetermined:	Not reported
Eligibility Letter Sent:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	65097
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	0
SRC Action Type:	NFA
SRC Submit Date:	08/20/02
SRC Review Date:	08/21/02
SRC Issue Date:	Not reported
SRC Status Effective Date:	08/21/02
SRC Comment:	Not reported
SA ID:	66742

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD CNTY AVIATION FIRE RESCUE (Continued)

U003339907

SA Cleanup Responsible: Not reported  
SA Actual Completion Date: Not reported  
SA Payment Date: Not reported  
SA Actual Cost: Not reported  
SR Task ID: Not reported  
SR Cleanup Responsible: Not reported  
SR Oral Date: Not reported  
SR Written Date: Not reported  
Free Product Removal: No  
Soil Removal: No  
Soil Tonnage Removed: No  
Soil Treatment: No  
Other Treatment: Not reported  
SR Actual Completion Date: Not reported  
SR Payment Date: Not reported  
SR Cost: Not reported  
SR Alternate Procedure Recieved: Not reported  
SR Alternate Procedure Status Date: Not reported  
SR Complete: Not reported  
SR Alternate Procedure Comment: Not reported

County Code : Not reported  
Score Ranked : Not reported  
Score Effective : Not reported  
Rank : Not reported  
Cleanup Status : Not reported  
Facility Status : Not reported  
Type : Not reported  
Facility Phone : Not reported  
Operator : Not reported  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : Not reported  
Primary Responsible Party Role : Not reported  
Responsible Party Begin Date : Not reported  
Responsible Party Name : Not reported  
Responsible Party Address: Not reported  
Responsible Party Phone : Not reported  
Contact : Not reported  
Responsible Party Bad Address : Not reported

### UST:

Facility ID:	9602290	Facility Type:	County Government
Facility Phone:	(954) 359-6106	Facility Status:	CLOSED
Owner Id:	2777		
Owner Name:	BROWARD CNTY AVIATION DEPT		
Owner Address:	320 TERMINAL DR ATTN:DOLORES A SMITH FORT LAUDERDALE, FL 33315		
Owner Contact:	DOLORES A SMITH	Owner Phone:	(954) 359-6106
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Jet fuel		
Gallons:	2100		
Category:	Vehicular Fuels		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD CNTY AVIATION FIRE RESCUE (Continued)

U003339907

Regulation Began:1986-07-01  
Tank Status: Removed Tank Status Date: 01-JUN-1998  
Install Date: 01-NOV-1990  
Tank Construction:  
Tank Id: Not reported  
Construction Desc:Not reported  
Category: Not reported  
Description: Not reported  
Petro Monitoring:  
Monitoring Desc: Not reported  
Category: Not reported  
Description: Not reported  
Tank Piping:  
Piping Desc: Not reported  
Category: Not reported  
Description: Not reported

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## BROWARD CNTY AVIATION DEPT FORT LAUDERDALE AIRPORT SOUTH TERMINAL FORT LAUDERDAL, FL 33315

LUST U003339906  
UST N/A

### LUST:

Facility ID: 9800427 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: Not reported Township: Not reported  
Range: Not reported Lat/long: Not reported  
Facility Status: CLOSED Facility Type: County Government  
Operator: DOLORES SMITH  
Facility Phone: (954) 359-6106  
Related Party: BROWARD CNTY AVIATION DEPT  
Related Party Addr: 320 TERMINAL DR  
ATTN:DOLORES A SMITH  
FORT LAUDERDALE, FL 33315

RP Bad Address: No  
Related Party ID: 2777 Related Party Role: FACILITY OWNER

Related Prty Contact: DOLORES A SMITH

Related Party Phone: (954) 359-6106

Related Party Begin: 05/01/98

Name Update: Not reported

Contamination ID: 22002

Address Update: Not reported

Facility Cleanup Status: Ongoing (Explanation: At least one cleanup activity is in progress at a related discharge)

Facility Cleanup Score: 35

Facility Cleanup Rank: 4727

Discharge ID: 50759

Clean Up Work Status: ACTIVE

Discharge Date: 01/01/85

Pct Discharge Combined With: 50759

Discharge Cleanup Status: RA Ongoing (Explanation: Remedial Action Cleanup Activity in Progress)

Discharge Cleanup Status Date: 02/07/02

Clean Up Required by 62-770: New Cleanup Required

Information Source: Discharge Notification

Other Source Description: Not reported

Discharge Lead Agency: Local Program

Score Effective Date: 10/12/99

Inspection Date: 12/28/98

Contaminated Media ID: 19811

Contaminated Drinking Wells: Not reported

Contaminated Soil: No



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BROWARD CNTY AVIATION DEPT (Continued)**

**U003339906**

Contaminated Surface Water:	No
Contaminated Ground Water:	No
Contaminated Monitoring Well:	Yes
Pollutant ID:	33344
Pollutant Substance:	Jet fuel
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	ONGOING REMEDIATION ACTIVITIES
Gallons Discharged:	Not reported
Score:	35
Cleanup Eligibility Id:	28832
Cleanup Program:	Petroleum Contamination Participation Program
Cleanup Lead :	Preapproval
Application Recvd Date:	12/21/98
Letter of Intent Date:	Not reported
Eligibility Status:	09/14/99
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	09/16/99
RAP Task ID:	60888
RAP Cleanup Responsible:	Responsible Party
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	65054
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	66572
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported
SR Alternate Procedure Comment:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD CNTY AVIATION DEPT (Continued)

U003339906

County Code : 6  
Score Ranked : 35  
Score Effective : 10/12/99  
Rank : 4727  
Cleanup Status : ONGO  
Facility Status : CLOSED  
Type : I  
Facility Phone : (954) 359-6106  
Operator : DOLORES SMITH  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 2777  
Primary Responsible Party Role : FACILITY OWNER  
Responsible Party Begin Date : 05/01/98  
Responsible Party Name : BROWARD CNTY AVIATION DEPT  
Responsible Party Address: 320 TERMINAL DR  
ATTN:DOLORES A SMITH  
FORT LAUDERDALE, FL 33315  
Responsible Party Phone : (954) 359-6106  
Contact : DOLORES A SMITH  
Responsible Party Bad Address : No

### UST:

Facility ID:	9800427	Facility Type:	County Government
Facility Phone:	(954) 359-6106	Facility Status:	CLOSED
Owner Id:	Not reported		
Owner Name:	Not reported		
Owner Address:			
Owner Contact:	Not reported	Owner Phone:	Not reported
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	Not reported		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-JAN-1982
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	9800427	Facility Type:	County Government
Facility Phone:	(954) 359-6106	Facility Status:	CLOSED
Owner Id:	Not reported		
Owner Name:	Not reported		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BROWARD CNTY AVIATION DEPT (Continued)

U003339906

Owner Address:		Owner Phone:	Not reported
Owner Contact:	Not reported		
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	3	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	Not reported		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-JAN-1982
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Facility ID:	9800427	Facility Type:	County Government
Facility Phone:	(954) 359-6106	Facility Status:	CL.OSED
Owner Id:	Not reported		
Owner Name:	Not reported		
Owner Address:			
Owner Contact:	Not reported	Owner Phone:	Not reported
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	2	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	Not reported		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-JAN-1982
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BROWARD CNTY AVIATION DEPT (Continued)

U003339906

Facility ID:	9800427	Facility Type:	County Government
Facility Phone:	(954) 359-6106	Facility Status:	CLOSED
Owner Id:	Not reported		
Owner Name:	Not reported		
Owner Address:			
Owner Contact:	Not reported	Owner Phone:	Not reported
Tank Content Desc:	County Government		
Type Description:	County Government		
Tank Id:	4	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Unknown/Not reported		
Gallons:	Not reported		
Category:	Vehicular Fuels		
Regulation Began:	1986-07-01		
Tank Status:	Removed	Tank Status Date:	01-JAN-1982
Install Date:	Not reported		
Tank Construction:			
Tank Id:	Not reported		
Construction Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Petro Monitoring:			
Monitoring Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		
Tank Piping:			
Piping Desc:	Not reported		
Category:	Not reported		
Description:	Not reported		

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## CRAMER & MAUER AKA NEFF OIL 3830 SW 47TH AVE FORT LAUDERDALE, FL 33314

FI Sites S100888881  
N/A

FL Sites:		EPA ID:	Not reported
Facility ID:	000221	Monthly Update:	December
Facility District:	SOUTHEAST	Support Unit:	OGC
Lead Unit:	DIST	Status Date:	04/27/85
Status:	ACTIVE	Soil Contam:	Unconfirmed
Air Contam:	Not reported	Ground Water Contam:	Confirmed
Surface Water Contam:	Not reported	Cleanup Completed ?:	No
Cleanup Started ?:	No	Other:	Not reported
Deletion Recommended ?:	No	Notice of Violation Status:	No
Warning Letter Status:	Not reported	Admin Hearing Status:	No
Consent Order Status:	No	Final Order Status:	No
Court Status:	No		
Comments:	RESPONDENT INSTALLED THREE GROUNDWATER MONITORING WELLS AND SAMPLED 6-84. GW SECTION SAMPLED OIL PIT 3-84. LAB RESULTS RECEIVED, AND LOW LEVEL LEAD AND ORGANICS GROUNDWATER CONTAMINATION CONFIRMED. CO DRAFTED BY DISTRICT AND FORWARDED TO OGC FOR REVIEW 12-84. OGC REVIEW COMPLETED AND COMMENTS FORWARDED TO DISTRICT 7-85. REVISED CO REVIEWED BY OGC 1-86. CASE REPORT FORWARDED TO OGC 4-86. OGC RE-DRAFTING CO 6-86. ENFORCEMENT ACTION PENDING. EPA SAMPLE SITE FOR NPL CONSIDERATIONS 5-87. RESULTS PENDING.		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s)

EPA ID Number

93 AMERIJET INTERNATIONAL INC  
1401 SW 39TH ST  
FORT LAUDERDALE, FL 33315

RCRIS-SQG  
FINDS  
LUST  
UST

1000450059  
FLD984178756

Broward Co. EDIEAR  
BROWARD CO. HM

RCRIS:

Owner: DAVE BASSETT  
(954) 359-7670  
EPA ID: FLD984178756  
Contact: ROBERT RUSELLO  
(954) 635-2022

Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Permit Compliance System (PCS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility ID: 9101722 Region: STATE  
Facility District: SE Facility County: BROWARD  
Section: Not reported Township: Not reported  
Range: Not reported Lat/long: 26° 4' 25" / 80° 9' 40"  
Facility Status: CLOSED Facility Type: Fuel User / Non-retail  
Operator: FEDERAL EXPRESS CORP  
Facility Phone: Not reported  
Related Party: FEDERAL EXPRESS CORP  
Related Party Addr: 3620 HACKS CROSS RD BLDG B FLOOR 2  
MEMPHIS, TN 38125 - 8800

RP Bad Address: No  
Related Party ID: 6951 Related Party Role: ACCOUNT OWNER

Related Prty Contact: JAMAL MANSOUR  
Related Party Phone: (901) 434-8458

Related Party Begin: 05/20/94 Contamination ID: 9068  
Name Update: Not reported Address Update: Not reported

Facility Cleanup Status: Application (Explanation: Cleanup program application has been received)  
Facility Cleanup Score: 10  
Facility Cleanup Rank: 9851

Discharge ID: 10506  
Clean Up Work Status: INACTIVE  
Discharge Date: 02/20/91  
Pct Discharge Combined With: 10506  
Discharge Cleanup Status: Eligible - No Task Level Data  
Discharge Cleanup Status Date: 10/09/00  
Clean Up Required by 62-770: New Cleanup Required  
Information Source: Discharge Notification  
Other Source Description: Not reported  
Discharge Lead Agency: Local Program  
Score Effective Date: 01/06/98  
Inspection Date: 06/13/91  
Contaminated Media ID: 7996

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

AMERIJET INTERNATIONAL INC (Continued)

1000450059

Contaminated Drinking Wells:	0
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Contaminated Monitoring Well:	No
Pollutant ID:	13434
Pollutant Substance:	Jet fuel
Substance Category:	Vehicular Fuels
Regulation Began:	1986-07-01
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Score:	10
Cleanup Eligibility Id:	11248
Cleanup Program:	Abandoned Tank Restoration Program
Cleanup Lead :	Reimbursement
Application Recvd Date:	03/29/91
Letter of Intent Date:	03/29/91
Eligibility Status:	11/19/93
Eligibility Status Date:	E
Redetermined:	No
Eligibility Letter Sent:	11/19/93
RAP Task ID:	Not reported
RAP Cleanup Responsible:	Not reported
RAP Order Completion Date:	Not reported
RAP Actual Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Actual Cost:	Not reported
RA Task ID:	Not reported
RA Cleanup Responsible:	Not reported
RA Actual Cost:	Not reported
Ra Actual Years to Complete:	Not reported
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Issue Date:	Not reported
SRC Status Effective Date:	Not reported
SRC Comment:	Not reported
SA ID:	Not reported
SA Cleanup Responsible:	Not reported
SA Actual Completion Date:	Not reported
SA Payment Date:	Not reported
SA Actual Cost:	Not reported
SR Task ID:	Not reported
SR Cleanup Responsible:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
Free Product Removal:	No
Soil Removal:	No
Soil Tonnage Removed:	No
Soil Treatment:	No
Other Treatment:	Not reported
SR Actual Completion Date:	Not reported
SR Payment Date:	Not reported
SR Cost:	Not reported
SR Alternate Procedure Recieved:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Complete:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**AMERIJET INTERNATIONAL INC (Continued)**

1000450059

SR Alternate Procedure Comment: Not reported

County Code : 6  
Score Ranked : 10  
Score Effective : 11/04/97  
Rank : 9851  
Cleanup Status : APPL  
Facility Status : CLOSED  
Type : C  
Facility Phone : Not reported  
Operator : FEDERAL EXPRESS CORP  
Name Update : Not reported  
Address Update : Not reported  
Primary Responsible Party Id : 6951  
Primary Responsible Party Role : ACCOUNT OWNER  
Responsible Party Begin Date : 05/20/94  
Responsible Party Name : FEDERAL EXPRESS CORP  
Responsible Party Address: 3620 HACKS CROSS RD BLDG B FLOOR 2  
MEMPHIS, TN 38125 - 8800  
Responsible Party Phone : (901) 434-8458  
Contact : JAMAL MANSOUR  
Responsible Party Bad Address : No

**HAZMAT:**

Document Id: 4581

**FL BROWARD COUNTY EDIEAR:**

Facility ID: 1736  
Region: BROWARD  
Facility Type: FUEL FACILITY  
Facility Department: 069101722  
Program Type: FDEP  
Pollutant Type: PETROLEUM  
Lead Agency: BCDPEP  
Site Studies: Not reported  
Remedy Selected: No  
Remedy Design: No  
Cleanup Ongoing: No  
Project Completed: No  
Environmental Assessment Remediation License: Not reported  
Wellfield Site: Not reported  
Wellfield Site 2: Yes

**UST:**

Facility ID:	9101722	Facility Type:	Fuel User / Non-retail
Facility Phone:	Not reported	Facility Status:	CLOSED
Owner Id:	6951		
Owner Name:	FEDERAL EXPRESS CORP		
Owner Address:	3620 HACKS CROSS RD BLDG B FLOOR 2 MEMPHIS, TN 38125		
Owner Contact:	JAMAL MANSOUR	Owner Phone:	(901) 434-8458
Tank Content Desc:	Fuel user/Non-retail		
Type Description:	Fuel user/Non-retail		
Tank Id:	1	Vessel Indicator:	TANK
Tank Location:	UNDERGROUND		
Substance:			
Description:	Jet fuel		
Gallons:	12000		
Category:	Vehicular Fuels		

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**AMERIJET INTERNATIONAL INC (Continued)**

1000450059

Regulation Began:1986-07-01			
Tank Status: Closed in place	Tank Status Date:	30-JUN-1991	
Install Date: Not reported			
Tank Construction:			
Tank Id: Not reported			
Construction Desc:Not reported			
Category: Not reported			
Description: Not reported			
Petro Monitoring:			
Monitoring Desc: Not reported			
Category: Not reported			
Description: Not reported			
Tank Piping:			
Piping Desc: Not reported			
Category: Not reported			
Description: Not reported			
Facility ID: 9101722	Facility Type:	Fuel User / Non-retail	
Facility Phone: Not reported	Facility Status:	CLOSED	
Owner Id: 6951			
Owner Name: FEDERAL EXPRESS CORP			
Owner Address: 3620 HACKS CROSS RD BLDG B FLOOR 2			
MEMPHIS, TN 38125			
Owner Contact: JAMAL MANSOUR	Owner Phone:	(901) 434-8458	
Tank Content Desc:Fuel user/Non-retail			
Type Description: Fuel user/Non-retail			
Tank Id: 2	Vessel Indicator:	TANK	
Tank Location: UNDERGROUND			
Substance:			
Description: Jet fuel			
Gallons: 12000			
Category: Vehicular Fuels			
Regulation Began:1986-07-01			
Tank Status: Closed in place	Tank Status Date:	30-JUN-1991	
Install Date: Not reported			
Tank Construction:			
Tank Id: Not reported			
Construction Desc:Not reported			
Category: Not reported			
Description: Not reported			
Petro Monitoring:			
Monitoring Desc: Not reported			
Category: Not reported			
Description: Not reported			
Tank Piping:			
Piping Desc: Not reported			
Category: Not reported			
Description: Not reported			



ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DANIA	1004683313	BROWARD CO OLSEN MIDDLE SCHOOL	1301 SE 2ND AVE	33312	RCRIS-SQG, FINDS
DAVIE	1004685052	FPL VALENCIA SUBSTATION	13000 SW 20TH ST	33312	RCRIS-SQG, FINDS
DAVIE	1004683641	S & S AUTOMOTIVE SERVICE INC	2030 SW 71ST TERRACE BLG C1-4	33317	RCRIS-SQG, FINDS
DAVIE	1001213327	CARMAX #7108	7420 SR 84	33317	RCRIS-SQG, FINDS, AST
DAVIE	1000107501	DRY CLEAN USA	13608 SR 84	33325	RCRIS-SQG, FINDS
DAVIE	U003729724	BP AMOCO STATION #60157(L2871)	13652 SR 84	33325	UST
DAVIE	1001815915	1 HOUR SUPER PHOTO	8848 SR 84	33324	RCRIS-SQG, FINDS
DAVIE	S102631862	WARRICKLEEN	8820 SR 84	33324	BROWARD CO. HM
DAVIE	S103271652	MOBIL #10600 PROHASKA	8810 SR 84	33324	Broward Co. EDIEAR
DAVIE	S103271718	WARRICKLEEN #3 (DRY CLEAN	8622 SR 84	33324	Broward Co. EDIEAR
DAVIE	S104520628	MEINEKE DISCOUNT MUFFLERS	8392 SR 84	33324	BROWARD CO. HM
DAVIE	S104520754	REPUBLIC SECURITIES BANK	9074 SR 84	33324	BROWARD CO. HM
DAVIE	S104521187	TIRE KINGDOM #47	8410 SR 84	33324	BROWARD CO. HM
DAVIE	S105212495	ONE HOUR SUPER PHOTO	8848 SR 84	33324	BROWARD CO. HM
DAVIE	S105622490	7-ELEVEN FOOD STORE #23309	8630 SR 84	33324	LUST
DAVIE	S105202258	PLUMCON INC TANK SPILL	I-595 @ HIATUS RD EXIT	33325	LUST
DAVIE	1004685280	FLORIDA ATLANTIC UNIVERSITY	2912 COLLINS AVE	33314	RCRIS-SQG, FINDS
DAVIE	1001218002	GROWERS FORD TRACTOR	2695 DAVIE RD	33314	RCRIS-SQG, FINDS
DAVIE	S104292547	PENN TANK LINES SPILL	MEDIAN OF US HWY 441 N / I-595 W	33314	LUST
DAVIE	1000107508	DRY CLEAN USA	11252 W SR 84	33325	RCRIS-SQG, FINDS
DEERFIELD BEACH	1004683334	BROWARD CO DEERFIELD BEACH HIGH SCH	910 SW 15TH ST	33312	RCRIS-SQG, FINDS
DEERFIELD BEACH	1004683333	BROWARD CO DEERFIELD BEACH MIDDLE	701 SE 6TH AVE	33312	RCRIS-SQG, FINDS
FORT LAUDERDAL	U003107884	FORT LAUDERDALE CITY POLICE PUBLIC WORKS	220 SW 14TH AVE	33312	RCRIS-SQG, FINDS
FORT LAUDERDAL	U003340146	FL TURNPIKE ADMIN BLDG	SR 84 MILE MARKER 54	33314	LUST, UST, AST
FORT LAUDERDAL	U001546372	FL DEPT OF TRANSPORTATION	7800 HWY 84	33324	UST
FORT LAUDERDALE	1004683332	BROWARD CO DILLARD HIGH SCHOOL	2501 NW 11TH ST	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1004683292	BROWARD CO WESTERN HIGH SCHOOL	1200 SW 136TH AVE	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1005442619	DESTINY YACHTS	2015 SW 20TH ST	33315	RCRIS-SQG, FINDS
FORT LAUDERDALE	1005442641	LAUDERDALE MARINE CENTER	2001 SW 20TH ST SUITE 102	33315	RCRIS-SQG, FINDS
FORT LAUDERDALE	1001492933	ERWIN MARINE	1915B SW 21ST AVE	33314	RCRIS-SQG, FINDS
FORT LAUDERDALE	1004683303	BROWARD CO ROGERS MIDDLE SCHOOL	700 SW 26TH ST	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	U001377218	FT LAUDERDALE CITY-PUMP STAT #S3	SE 2ND ST & 8TH AVE	33312	LUST, UST
FORT LAUDERDALE	1004682362	BRADFORD MARINE INC	3051 SR 84	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1004685946	ALS YACHT REFINISHING INC	2551 SR 84 BAY E	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1005441628	DBA LEYVAS BOAT MAINTENANCE	2551 SR 84 BAY F	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1005441680	RENEGADE YACHT REFINISHING INC	2551 SR 84 BAY G	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1005441711	TOP QUALITY YACHT REFINISHING INC	2551 SR 84 BAY H	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1005441956	PROGRESSIVE YACHT REFINISH INC	2551 SR 84 BAY 1	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1005442132	LEONS MARINE SERVICE	3051B SR 84	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1005442817	AVALON YACHT REFINISHERS INC	2551 SR 84 BAY J	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	S105202249	7-ELEVEN #23309	8690 SR 84	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	S105622494	JET STAR ROAD SPILL	HWY 84 / FEDERAL HWY	33324	Broward Co. EDIEAR
FORT LAUDERDALE	1004685660	CHIS BOAT REFINISHING INC	2551 SR 84A	33312	LUST
FORT LAUDERDALE					RCRIS-SQG, FINDS

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FORT LAUDERDALE	98443539	IN CANAL IN RESIDENTIAL AREA/ OLD SHERIDAN ST / CANAL ON FLA	IN CANAL IN RESIDENTIAL AREA/ OLD SHERIDAN ST / CANAL ON FLA		ERNS
FORT LAUDERDALE	1004685835	CHAMPIONS AUTO PAINT & BODY INC	112 SW DAVIE BLVD	33315	RCRIS-SQG, FINDS
FORT LAUDERDALE	90166136	NORTH FORK OF NEW RIVER IN AREA OF 11TH	NORTH FORK OF NEW RIVER IN AREA OF 11TH		ERNS
FORT LAUDERDALE	1004685045	FPL ANDYTOWN SUBSTATION	2 MI N OF SR 820 & W OF US 27	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1004682739	LA SAL CLEANERS INC	1465 N PARK RD	33326	RCRIS-SQG, FINDS
FORT LAUDERDALE	1004683380	STEPHENS DISTRIBUTING CO	185 RAVENSWOOD RD	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	873456	RUNWAYS 9R AND 27L RESIDENTIAL AREA AROUND RUNWAYS	RUNWAYS 9R AND 27L RESIDENTIAL AREA AROUND RUNWAYS		ERNS
FORT LAUDERDALE	1005442254	BRISTOL CONDITION INC	2551 W SR 84 BAY #13	33312	RCRIS-SQG, FINDS
FORT LAUDERDALE	1000264208	CAPITAL MOTOR PARTS INC	1541 S W 40TH AVENUE	33317	RCRIS-SQG, FINDS
FT LAUDERDALE	1000389942	SUNSTREAM JET CENTER	1355 SW 48TH ST	33312	CERCLIS, FINDS
FT LAUDERDALE	U003835676	44 GAS & OIL-FLOVAL OIL CORP	4449 N SR 7	33314	UST
FT LAUDERDALE	U003835752	EXXON, AMERITRIN INC	5190 S SR 7	33314	UST
FT LAUDERDALE	U003729931	MOBIL, 84 SUPREME ENT INC	1490 W SR 84	33315	UST
FT LAUDERDALE	U003730047	TEXACO, ST RD 84 TEXACO	1501 W SR 84	33315	UST, BROWARD CO. HM
FT LAUDERDALE	U003299046	SHELL - PUNJAB ENTERPRISES INC	2020 S SR 7	33312	UST
FT LAUDERDALE	U003730028	SUPERSTOP	2099 S SR 7	33317	UST
FT. LAUDERDALE	S105537978	DRY/CLEAN USA	8622 STATE RD 84	33324	PRIORITYCLEANERS
HALLANDALE	1004683326	BROWARD CO HALLANDALE HIGH SCHOOL	720 NW 9TH AVE	33312	RCRIS-SQG, FINDS
HOLLYWOOD	1004683319	BROWARD CO MCNICOL MIDDLE SCHOOL	1411 S 28TH ST	33312	RCRIS-SQG, FINDS
HOLLYWOOD	1004684052	HI TECH RECYCLING INC	4200 N 29TH TERRACE (B)	33312	RCRIS-SQG, FINDS
HOLLYWOOD	1004683299	BROWARD CO SOUTH BROWARD HIGH SCHOO	1901 N FEDERAL HWY	33312	RCRIS-SQG, FINDS
LAND O' LAKES	U001962641	BROWARD CNTY LIFT STATION #50K	3400 NW 36TH AVE	33317	UST
MARGATE	1004683322	BROWARD CO MARGATE MIDDLE SCHOOL	500 NW 65TH AVE	33312	RCRIS-SQG, FINDS
PLANTATION	1004683302	BROWARD CO SEMINOLE MIDDLE SCHOOL	6200 SW 16TH ST	33312	RCRIS-SQG, FINDS
PLANTATION	1004683307	BROWARD CO PLANTATION HIGH SCHOOL	6901 NW 16TH ST	33312	RCRIS-SQG, FINDS
PLANTATION	1004684522	BELLSOUTH FTLDL25 E4509	1650 NW 65TH AVE	33314	RCRIS-SQG, FINDS
PLANTATION	U003853708	GOLD KEY MOTORS	1501 HWY 7	33317	UST
POMPANO BEACH	1004683335	BROWARD CO CRYSTAL LAKE MIDDLE SCH	3551 NE 3RD AVE	33312	RCRIS-SQG, FINDS
POMPANO BEACH	1004683305	BROWARD CO POMPANO BEACH MIDDLE SCH	310 NE 6TH ST	33312	RCRIS-SQG, FINDS
POMPANO BEACH	1004683330	BROWARD CO ELY HIGH SCHOOL	1201 NW 6TH AVE	33312	RCRIS-SQG, FINDS
SUNRISE	1004683340	BROWARD CO BAIR MIDDLE SCHOOL	9100 NW 21ST MANOR	33312	RCRIS-SQG, FINDS
SUNRISE	1004683308	BROWARD CO PIPER HIGH SCHOOL	8000 NW 44TH ST	33312	RCRIS-SQG, FINDS
SUNRISE	1004684293	IEA	1133 SAWGRASS CORP PKWY	33323	RCRIS-SQG, FINDS
SUNRISE	1001213278	WALGREENS #1421	15860 W SR 84	33326	UST
WESTON	U003729684	AMOCO, EAST MALL AMOCO	17990 SR 84	33326	UST
WESTON	U003434675	MOBIL #02-RRM	2635 WESTON RD & PACIFIC LOOP	33326	LUST, UST

## EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

### FEDERAL ASTM STANDARD RECORDS

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

Source: EPA

Telephone: N/A

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

Date of Government Version: 10/24/02

Date Made Active at EDR: 12/09/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02

Elapsed ASTM days: 35

Date of Last EDR Contact: 11/04/02

#### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 6

Telephone: 214-655-6659

EPA Region 3

Telephone 215-814-5418

EPA Region 8

Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

#### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA

Telephone: N/A

Date of Government Version: 10/24/02

Date Made Active at EDR: 12/09/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02

Elapsed ASTM days: 35

Date of Last EDR Contact: 11/04/02

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

Source: EPA

Telephone: 703-413-0223

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

Date of Government Version: 08/15/02

Date Made Active at EDR: 10/28/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02

Elapsed ASTM days: 35

Date of Last EDR Contact: 12/26/02

#### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Source: EPA

Telephone: 703-413-0223

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/02  
Date Made Active at EDR: 10/28/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02  
Elapsed ASTM days: 25  
Date of Last EDR Contact: 12/26/02

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

Source: EPA  
Telephone: 800-424-9346  
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/29/02  
Date Made Active at EDR: 12/26/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/15/02  
Elapsed ASTM days: 72  
Date of Last EDR Contact: 12/09/02

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

Source: EPA/NTIS  
Telephone: 800-424-9346  
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/09/02  
Date Made Active at EDR: 10/28/02  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02  
Elapsed ASTM days: 34  
Date of Last EDR Contact: 12/26/02

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

Source: EPA/NTIS  
Telephone: 202-260-2342  
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01  
Date Made Active at EDR: 07/15/02  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02  
Elapsed ASTM days: 13  
Date of Last EDR Contact: 10/28/02

### **FEDERAL ASTM SUPPLEMENTAL RECORDS**

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

Source: EPA/NTIS  
Telephone: 800-424-9346  
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99  
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/17/02  
Date of Next Scheduled EDR Contact: 03/17/03

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

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

Date of Government Version: N/A  
Database Release Frequency: Varies

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

#### **ROD:** Records Of Decision

Source: EPA  
Telephone: 703-416-0223  
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **DELISTED NPL:** National Priority List Deletions

Source: EPA  
Telephone: N/A

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

Date of Government Version: 10/18/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02  
Date of Next Scheduled EDR Contact: 02/03/03

### **FINDS:** Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA  
Telephone: N/A

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

Date of Government Version: 10/10/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02  
Date of Next Scheduled EDR Contact: 01/06/03

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

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

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

Date of Government Version: 07/31/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02  
Date of Next Scheduled EDR Contact: 01/20/03

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

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

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

Date of Government Version: 10/21/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **MINES:** Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Date of Government Version: 09/10/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/03/03  
Date of Next Scheduled EDR Contact: 03/31/03

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

Source: EPA  
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Last EDR Contact: 11/25/02  
Date of Next Scheduled EDR Contact: 02/24/03

### **PADS:** PCB Activity Database System

Source: EPA  
Telephone: 202-564-3887

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

Date of Government Version: 09/20/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/02  
Date of Next Scheduled EDR Contact: 02/10/03

### **RAATS:** RCRA Administrative Action Tracking System

Source: EPA  
Telephone: 202-564-4104

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

Date of Government Version: 04/17/95  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/10/02  
Date of Next Scheduled EDR Contact: 03/10/03

### **TRIS:** Toxic Chemical Release Inventory System

Source: EPA  
Telephone: 202-260-1531

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

Date of Government Version: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/26/02  
Date of Next Scheduled EDR Contact: 03/24/03

### **TSCA:** Toxic Substances Control Act

Source: EPA  
Telephone: 202-260-5521

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

Date of Government Version: 12/31/98  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 12/10/02  
Date of Next Scheduled EDR Contact: 03/10/03

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

Source: EPA  
Telephone: 202-564-2501

Date of Government Version: 10/24/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02  
Date of Next Scheduled EDR Contact: 03/24/03

### **SSTS:** Section 7 Tracking Systems

Source: EPA  
Telephone: 202-564-5008

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

Date of Government Version: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02  
Date of Next Scheduled EDR Contact: 01/20/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

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

Date of Government Version: 10/24/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02

Date of Next Scheduled EDR Contact: 03/24/03

### **STATE OF FLORIDA ASTM STANDARD RECORDS**

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

Source: Department of Environmental Protection

Telephone: 850-488-0190

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

Date of Government Version: 12/12/02

Date Made Active at EDR: 01/08/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/26/02

Elapsed ASTM days: 13

Date of Last EDR Contact: 12/26/02

#### **SWF/LF:** Solid Waste Facility Database

Source: Department of Environmental Protection

Telephone: 850-922-7121

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

Date of Government Version: 02/24/02

Date Made Active at EDR: 03/14/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/01/02

Elapsed ASTM days: 13

Date of Last EDR Contact: 11/18/02

#### **LUST:** PCT01 - Petroleum Contamination Detail Report

Source: Department of Environmental Protection

Telephone: 850-488-3935

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

Date of Government Version: 11/22/02

Date Made Active at EDR: 01/08/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/02/02

Elapsed ASTM days: 37

Date of Last EDR Contact: 12/02/02

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

Source: Department of Environmental Protection

Telephone: 850-488-3935

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

Date of Government Version: 11/22/02

Date Made Active at EDR: 12/24/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/02/02

Elapsed ASTM days: 22

Date of Last EDR Contact: 12/02/02

#### **INDIAN UST:** Underground Storage Tanks on Indian Land

Source: EPA Region 4

Telephone: 404-562-9424



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Made Active at EDR: N/A  
Database Release Frequency: Varies

Date of Data Arrival at EDR: N/A  
Elapsed ASTM days: 0  
Date of Last EDR Contact: N/A

### STATE OF FLORIDA ASTM SUPPLEMENTAL RECORDS

#### **AST:** ST102 - Facility/Owner/Tank Report

Source: Department of Environmental Protection  
Telephone: 850-488-3935  
Registered Aboveground Storage Tanks.

Date of Government Version: 11/22/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/02/02  
Date of Next Scheduled EDR Contact: 03/03/03

#### **FL SITES:** Sites List

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

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

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

#### **FL Cattle Dip. Vats:** Cattle Dipping Vats

Source: Department of Environmental Protection  
Telephone: 850-488-3601

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

Date of Last EDR Contact: 11/12/02  
Date of Next Scheduled EDR Contact: 02/10/03

#### **SPILLS:** Oil and Hazardous Materials Incidents

Source: Department of Environmental Protection  
Telephone: 850-488-2974  
Statewide oil and hazardous materials inland incidents.

Date of Government Version: 11/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/13/02  
Date of Next Scheduled EDR Contact: 02/10/03

#### **PRIORITYCLEANERS:** Priority Ranking List

Source: Department of Environmental Protection  
Telephone: 850-488-0190

Date of Government Version: N/A  
Database Release Frequency: Varies

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

#### **DRY CLEANERS:** Drycleaning Facilities

Source: Department of Environmental Protection  
Telephone: 850-488-0190

Date of Government Version: 11/06/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/25/02  
Date of Next Scheduled EDR Contact: 02/24/03

#### **WASTEWATER:** Wastewater Facility Regulation Database

Source: Department of Environmental Protection  
Telephone: 850-921-9495  
Domestic and industrial wastewater facilities.

Date of Government Version: 09/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/09/02  
Date of Next Scheduled EDR Contact: 03/10/03

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LOCAL RECORDS

### **ALACHUA COUNTY:**

#### **Facility List**

Source: Alachua County Environmental Protection Department  
Telephone: 352-264-6800  
List of all regulated facilities in Alachua County.

Date of Government Version: 01/23/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/02/03  
Date of Next Scheduled EDR Contact: 03/24/03

### **BROWARD COUNTY:**

#### **Underground Storage Tanks**

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

Date of Government Version: 01/02/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

#### **Notice of Violation Sites**

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

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

Date of Government Version: 01/02/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

#### **Semi-Annual Inventory Report on Contaminated Locations**

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

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

Date of Government Version: 12/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

#### **Hazardous Material Sites**

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

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

Date of Government Version: 01/02/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### **MIAMI-DADE COUNTY:**

#### **Underground Storage Tanks**

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

Date of Government Version: 10/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Grease Trap Sites

Source: Dade County Dept. of Env. Resources Mgmt.  
Telephone: 305-372-6508  
Any non-residential facility that discharges waste to a sanitary sewer.

Date of Government Version: 10/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### Enforcement Case Tracking System Sites

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

Date of Government Version: 10/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02  
Date of Next Scheduled EDR Contact: N/A

### Fuel Spill Cases

Source: Department of Environmental resource management  
Telephone: 305-372-6755

Date of Government Version: 10/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/13/02  
Date of Next Scheduled EDR Contact: 02/10/03

### Hazardous Waste Sites

Source: Dade County Department of Environmental Resources Management  
Telephone: 305-372-6755  
Sites with the potential to generate waste

Date of Government Version: 04/30/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### Air Permit Sites

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

Date of Government Version: 10/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### Industrial Waste Permit Sites

Source: Department of Environmental Resources Management  
Telephone: 305-372-6755  
Facilities that either generate more than 25,000 of wastewater per day to sanitary sewers or are pre-defined by EPA.

Date of Government Version: 10/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### Industrial Waste Type 2-4 Sites

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

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

Date of Government Version: 10/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### Industrial Waste Type 5 Sites

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### **Industrial Waste Type 6**

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

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

Date of Government Version: 10/21/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### **EDR PROPRIETARY HISTORICAL DATABASES**

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

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### **OTHER DATABASE(S)**

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

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

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

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

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

### **STREET AND ADDRESS INFORMATION**

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## **Appendix F**

# Record of Decision

Prepared by EPA Region IV for the

## Florida Petroleum Reprocessors Site DAVIE, FLORIDA



March 2001

# **Record of Decision**



**Prepared by EPA Region IV**

**for the  
Florida Petroleum Reprocessors Site  
Davie, Florida**

**March 2001**





# **Record of Decision Declaration**

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## **SITE NAME AND LOCATION**

Florida Petroleum Reprocessors  
Davie, Broward County, Florida

## **STATEMENT AND BASIS OF PURPOSE**

This decision document presents the selected remedial action for the Florida Petroleum Reprocessors Superfund Site, located in Davie, Florida, developed in accordance with the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA) and, to the extent practicable, the National Contingency Plan (NCP). This decision is based on the Administrative Record for this Site.

The State of Florida Department of Environmental Protection (FDEP) has been consulted during the development of the selected remedy and is expected to concur with this decision.

## **ASSESSMENT OF THE SITE**

The response action selected in this Record of Decision (ROD) is necessary to protect the public health, welfare, or the environment from actual or threatened releases of hazardous substance into the environment.

## **DESCRIPTION OF THE REMEDY**

This remedy is intended to be the first and final operable unit for this Site. The purpose of this remedy is to prevent potential exposures to groundwater contamination at the Site, to prevent the further migration of contaminants within the Biscayne aquifer groundwater, and to reduce groundwater contaminant levels to comply with federal and state drinking water standards. This remedy will address the large plume of groundwater contamination that has migrated northward from this facility through the pumping, treating, and disposal of contaminated groundwater at the facility, monitored natural attenuation of less contaminated portions of the plume, and protection of the Peele-Dixie Wellfield.

Major Components of the selected remedy include:

- Collection of contaminated groundwater via extraction wells
- Treatment of contaminated groundwater via air stripping and activated carbon
- Monitored natural attenuation of groundwater
- Peele-Dixie Wellfield protection
- Long-term groundwater monitoring of groundwater.



## **STATUTORY DETERMINATIONS**

The selected remedy is protective of human health and the environment, and complies with federal and state requirements that are legally applicable or relevant and appropriate to the remedial action, and is cost-effective. This remedy utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable for this Site and satisfies the statutory preference for remedies that employ treatment that reduces toxicity, mobility, or volume as a principal element. Although this remedy will reduce hazardous substances in on-Site soils to below health-based standards, contaminants in groundwater will not be reduced to below health-based standards for an extended period of time. Therefore, a review will be conducted within 5 years after commencement of the remedial action to ensure that the remedy continues to provide adequate protection of human health and the environment.

## **ROD DATA CERTIFICATION CHECKLIST**

The following information is included in the Decision Summary section of this ROD. Additional information can be found in the Administrative Record for this Site.

- Chemicals of concern and their respective concentrations
- Baseline risks represented by the chemicals of concern
- Cleanup levels established for chemicals of concern and the basis for these levels
- How source materials constituting principal threats are addressed
- Current and reasonably anticipated future land use assumptions and current and potential future beneficial uses of groundwater used in the baseline risk assessment and ROD
- Potential land and groundwater use that will be available at the Site as a result of the Selected Remedy
- Estimated capital, annual operation and maintenance (O&M), and total present worth costs, discount rates, and the number of years over which the remedy cost estimates are projected
- Key factors that led to selecting the remedy (i.e., how the Selected Remedy provides the best balance of trade-offs with respect to the balancing and modifying criteria).

## **AUTHORIZING SIGNATURES**

Pursuant to Section 104 of CERCLA, the President is authorized to undertake actions in response to a threat or potential threat to human health, welfare, or the environment. This authority was delegated to the Administrator of the U.S. Environmental Protection Agency, then to the Regional Administrators, and through other delegations, the regional Division Directors of the Superfund program are now authorized to approve these actions.

  
Richard D. Green, Director  
Waste Management Division

1 MAR '01

Date



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## **List of Acronyms**

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AR	Administrative Record
ARAR	applicable or relevant and appropriate requirement
Bechtel	Bechtel Environmental, Inc.
bgs	below ground surface
BRA	baseline risk assessment
BTEX	benzene, toluene, ethyl benzene, and xylene
CAR	contaminant assessment report
CFR	Code of Federal Regulations
COPC	chemical of potential concern
DCA	dichloroethane
DCE	dichloroethene
DNAPL	dense nonaqueous-phase liquid
EPA	U.S. Environmental Protection Agency
ERA	ecological risk assessment
FDEP	Florida Department of Environmental Protection
FDER	Florida Department of Environmental Regulations
FDOT	Florida Department of Transportation
FPR	Florida Petroleum Reprocessors
FS	feasibility study
FSA	feasibility study addendum
ft/day	foot/feet per day
HHRA	human health risk assessment
HI	hazard index
I-595	Interstate 595
INEEL	Idaho National Engineering and Environmental Laboratory
LNAPL	light nonaqueous-phase liquid
• g/kg	micrograms per kilogram
• g/L	micrograms per liter
MCL	maximum contaminant level
mgd	million gallons per day





## **List of Acronyms** (Continued)

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MNA	monitored natural attenuation
NCP	National Contingency Plan
NUS	NUS Corporation
OCI	Oil Conservationist, Inc.
O&M	operations and maintenance
PAH	polynuclear aromatic hydrocarbons
PCB	polychlorinated biphenyl
PCE	perchloroethene
Perma-Fix	Perma-Fix Environmental Services
PMI	Petroleum Management, Inc.
PRP	potentially responsible party
RAO	remedial action objective
RI	remedial investigation
ROD	Record of Decision
SFWMD	South Florida Water Management District
SVOC	semivolatile organic compound
TCA	trichloroethane
TCE	trichloroethene
TPH	total petroleum hydrocarbons
TRV	toxicity reference value
VOC	volatile organic compound
yd <sup>3</sup>	cubic yard



# Decision Summary

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## 1.0 SITE BACKGROUND

### 1.1 Location and Description

The Florida Petroleum Reprocessors (FPR) Superfund Site<sup>1</sup> is located at 3211 SW 50th Avenue in Davie, Florida (Figure 1-1). Waste oil recycling operations were conducted under various names from 1977 to 1992. The Site is located in an area formerly known as Old Hacienda Village, but has since been incorporated into the western portion of the Town of Davie. The facility is approximately 1 acre in size and is located in an industrial park immediately east of the Florida Turnpike, and approximately 0.5 mile south of Interstate 595 (I-595). The Site encompasses an area of approximately 870 acres, which is generally bounded to the north by Peters Road that divides the northern and southern portion of the City of Fort Lauderdale's Peele-Dixie Wellfield, to the east by U.S. Route 441, to the south by Orange Drive, and to the west by the Florida Turnpike. Geographically, the Site is located in the southeast portion of the Florida peninsula. The area is comprised of a mixture of land uses, including light industrial, commercial, and residential.

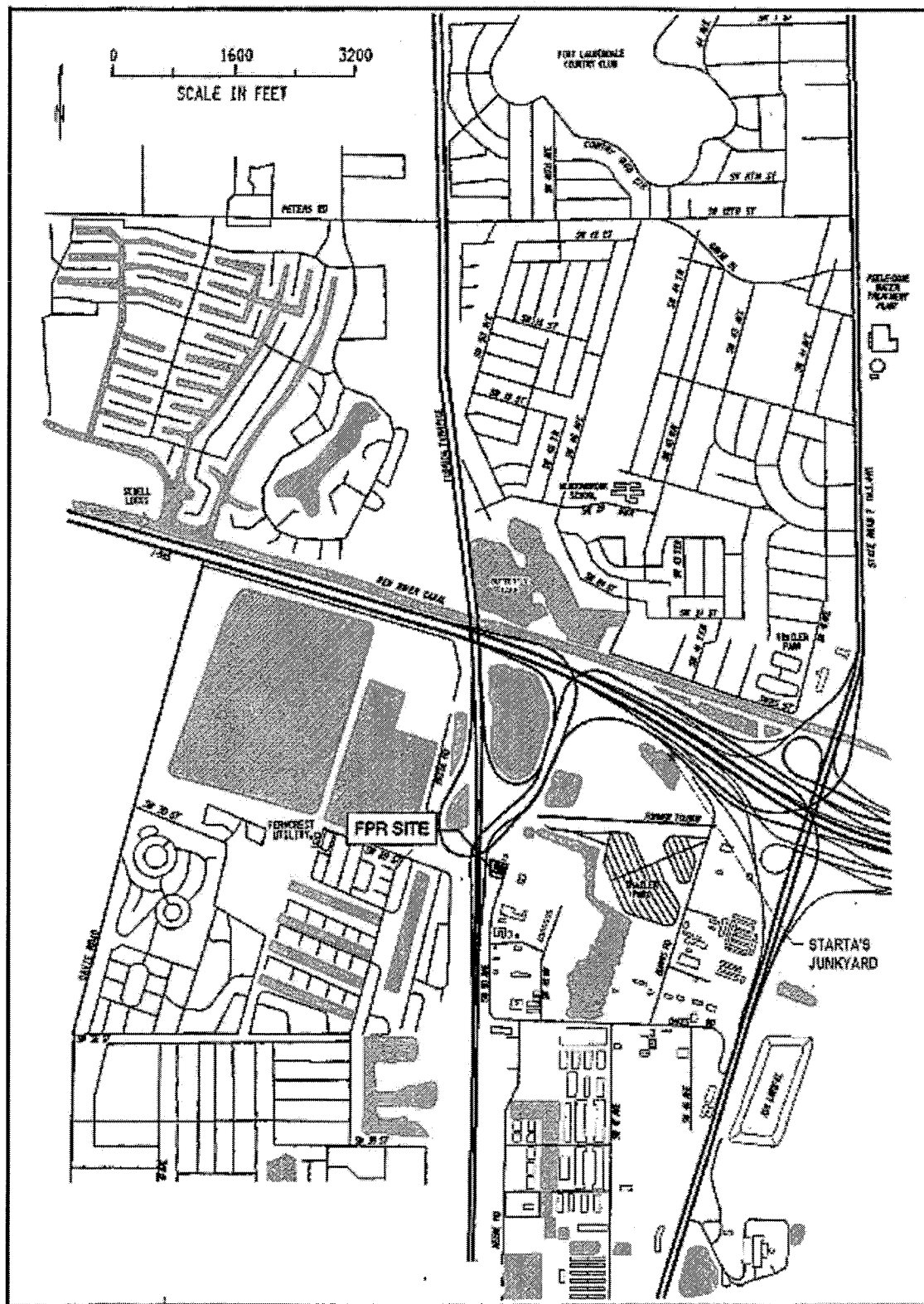
The Site overlies the highly productive Biscayne aquifer. This water-table aquifer is defined by the U.S. Environmental Protection Agency (EPA) as a sole source drinking water aquifer and is further defined by the Florida Department of Environmental Protection (FDEP) as a primary drinking water source, vulnerable to contamination, warranting a high degree of protection. The upper part of the aquifer is comprised of unconsolidated sand with intermittent lenses of limestone and sandstone. The lower portion is a dense limestone with varying degrees of solutioning. Although groundwater levels vary with rainfall, the water table is about 5 feet below ground surface (bgs).

As discussed in detail in subsequent sections of this Record of Decision (ROD), the primary threat posed by this Site is to the Biscayne aquifer and the drinking water resource that it provides to local municipalities, private utilities, and the Florida Seminole Tribe. None of these drinking water supplies are immediately threatened, but given the proximity of other drinking water supplies as shown in Figure 1-2, there are several drinking water supplies that could be potentially threatened in the future. Although private wells were historically used for drinking water, users of private wells have since been provided with municipal water. Given the Site's location in an industrial park and its lack of significant topography and drainage features, the Site does not appear to threaten any natural resources or environmentally sensitive areas. Although

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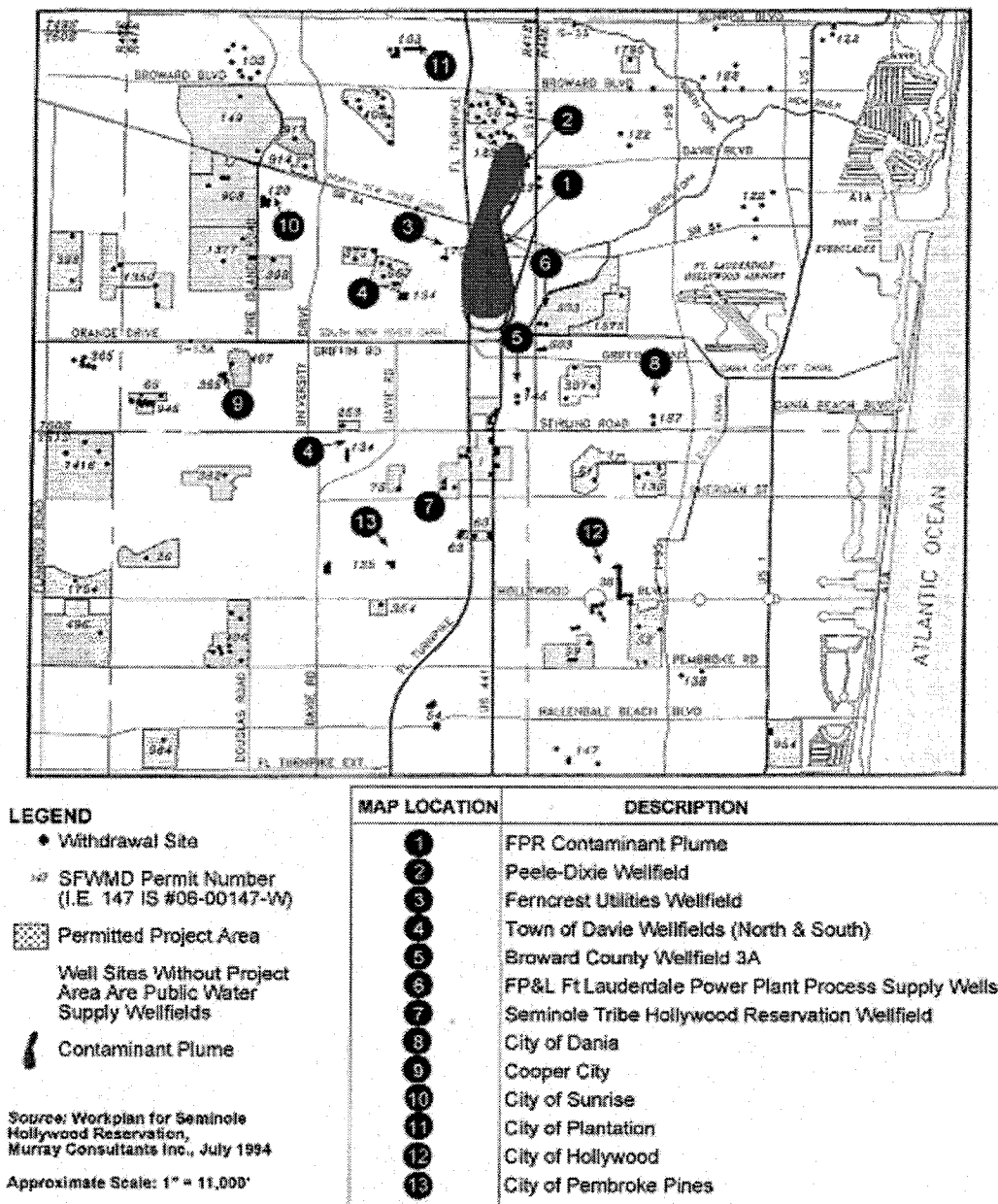
<sup>1</sup> Pursuant to CERCLA, a site is defined not only as where hazardous wastes have been deposited (i.e., the facility), but also where the contaminants have come to migrate. This distinction is important at this site since, although the facility is only about 1 acre in size, contaminants have migrated in the groundwater encompassing an area over 800 acres in size. For the purposes of this Record of Decision (ROD), the term "facility" will be used to describe the FPR property, and the term "Site" will include not only the facility, but the full extent of groundwater contamination the response action is intended to address.





**Figure 1-1**  
**Site Location Map**  
**Florida Petroleum Reprocessors, Davie, Florida**





**Figure 1-2**  
**Location of Nearby Wellfields**  
**Florida Petroleum Reprocessors, Davie, Florida**



there are numerous lakes and canals in the area that support various plants and wildlife, contaminants near the surface do not appear to have migrated significantly beyond the facility boundary. The discharge of contaminated groundwater to surface water does not appear to be a significant contaminant migration pathway.

In addition to the contaminants that have been released from the FPR facility, a second source of groundwater contamination appears to be located along the south side of I-595, and east of the Florida Turnpike. This second source is the location of a former junkyard known as Starta Sales & Salvage that operated at the location from 1965 until 1974. Motor City, Inc. continued to operate a junkyard at this location from 1974 until 1984. A Goodyear tire store opened on a portion of this location in 1979. The property was subsequently acquired by the Florida Department of Transportation (FDOT) in 1984 during the construction of I-595. Construction of this section of the Interstate did not begin until the late 1980s.

Information gained from interviews of a former owner and operator of this second source location, and long-time neighbors, indicated that approximately 1,600 junk cars had been stored on the property at one time. Junk cars were reportedly dumped into a water-filled borrow pit along the west side of the property during the operational period of Starta Sales & Salvage. According to an interview with the former owner and operator of Motor City, Inc., during the acquisition of the property for the construction of I-595, FDOT informed him of environmental problems at his property. An adequate environmental assessment or cleanup was not conducted by FDOT prior to the construction of the Interstate.

## **1.2 Site History and Enforcement Actions**

The FPR facility is a former waste oil reprocessing facility. Operations were conducted at the facility from 1979 through 1992 under various names including Barry's Waste Oil, Oil Conservationist, Inc. (OCI), FPR, and South Florida Fuels. Operations were generally reported to include the collection of waste oil (i.e., used motor oil, surplus fuels, marine oils and slops, hydraulic oils, aviation oils, and fuels) from local automotive, agricultural, and marine industry. Incoming waste oils were generally filtered, graded according to water content, and stored on-Site in large bulk tanks. The waste oil was typically sold as fuel or to other waste oil marketers. Current records indicate that more than 15 million gallons of waste oil were processed at this facility.

Although little is known about the actual waste handling practices at the Site, studies conducted by the U.S. Environmental Protection Agency (EPA) show that former operations at the facility have resulted in the contamination of surface and subsurface soils and groundwater by oil and grease, organic chemicals common to gasoline, and chlorinated cleaning and decreasing solvents. The studies showed that contaminants were present at the Site in a concentrated form floating on top of the water table, as well as in a dispersed form mixed with the underlying groundwater. Contaminants have migrated downward from land surface to a depth of 200 feet into the aquifer. (As discussed later in this document, removal actions have been or will be completed that address much of the former shallow and deep soil and groundwater contamination.)



In 1986, solvent-related contaminants were detected by the City of Fort Lauderdale in drinking water obtained from the southern portion of the Peele-Dixie Wellfield. This prompted a series of investigations by EPA, the state, Broward County, and the city to assess the cause and extent of contamination. The contamination was originally believed to be emanating from a former dump located along 21st Manor. Steps were even taken by EPA to propose including the dump on the National Priorities List (NPL), but subsequent studies led EPA to conclude that the dump was not the source of the wellfield contamination nor did it pose a risk to nearby residents. Because of the configuration of the plume of contamination, at one time it was thought that the source of contaminants may have been within the wellfield; hence, some interim records refer to the Site as the Peele-Dixie Wellfield Groundwater Plume Site.

During the investigation of the wellfield in the early 1990s, EPA acknowledged, however, that the plume had not been fully characterized south of the wellfield. The Agency continued its study, which comprised an area about 1 square mile in size south of the wellfield. Through this investigation, EPA was able to "backtrack" a trail of contamination from the wellfield to the FPR facility. It was at this time that EPA concluded the FPR facility had impacted the wellfield and revised the Site name to the FPR Site. EPA completed the field work for the remedial investigation (RI) for the FPR Site in April 1997, and issued an RI and feasibility study (FS) report in June 1998.

Operations at the FPR facility began in 1977. The owners of the company, Barry Paul and Judd Gilbert, leased the northern portion of the property from the property owners, Charles and Hamilton Forman. Mr. Paul and Mr. Gilbert conducted business under several names, including Barry's Waste Oil Service and OCI. In 1979, the Formans sold the property to Charles and Sandra Greene, who continued to lease the northern portion to Mr. Paul and Mr. Gilbert. In 1979, the Greenes leased the southern portion of the property to R. J. Canfield, who operated an underground tank removal and disposal service under the name R. J. Canfield Environmental Contractors. In 1981, the Greenes conveyed the property to OCI, the company formed by Barry Paul.

According to the records of the Florida Department of Environmental Regulations (FDER), now known as the FDEP, storage and process tanks on the northwest portion of the facility were surrounded by an earthen dike, and an unlined pit was used as an evaporation pit for wastewater following the oil-water separation process. According to a July 1981 FDER inspection report, the area was highly contaminated with spilled oil and operations were generally sloppy. As a result of this inspection, FDER first issued a warning letter, and then a notice of violation, advising OCI to curtail activities resulting in the discharge of pollution and to initiate action to define the extent of contamination at its facility. In response, Barry Paul, through his company, OCI, undertook corrective measures. A secondary containment system was constructed and storage and process tanks were moved into the containment berm. A 4,000-gallon drop tank, which was partially buried with an open top, was installed to receive and measure shipments as they arrived at the facility. A 3,000 gallon-underground storage tank was used for the collection and storage of storm water. Both the drop tank and storm water tank were constructed outside the secondary containment area.



According to a 1983 FDER compliance report, spills around the drop tank were common and soil from that area was routinely excavated and replaced with clean fill. Between 1985 and 1987, the drop tank was removed and shipments were unloaded into tanks within the containment area. In a recent interview with EPA, Barry Paul stated that he saw holes in the drop tank after it had been removed. During this time period, all tanks in the northwest quadrant of the facility were removed. Groundwater contamination was discovered at the facility in 1985 when monitoring wells were installed as part of a groundwater monitoring plan required by the state. In 1987, FDER entered into a Consent Order with OCI whereby the company was required to take corrective action to address the groundwater contamination.

In 1987, Barry Paul sold OCI, including the facility property, to FPR, a Florida corporation formed and owned by George Gordon. Mr. Gordon had been an employee and an officer of OCI. Mr. Gordon expanded the operations by constructing a new containment area on the southern portion of the facility and adding four storage tanks. According to a report submitted by FPR to FDEP, Mr. Gordon collected waste oil from more than 2,000 locations and sold more than 2 million gallons per year. For a brief period during 1991 and 1992, the facility was operated by Larry Van Doorne and his company, South Florida Fuels, Inc., who leased the property from FPR. Mr. Gordon continued to operate the waste oil recycling business on the property until 1992.

Under an agreement with FDER, Mr. Gordon, through his new company, FPR, agreed to conduct the soil and groundwater cleanup required under the 1987 Consent Order between FDER and OCI. Sampling and contamination assessment activities were conducted over a period of several years. In addition, some contaminated soil was removed. Under Florida's underground storage tank reimbursement program, FDEP determined that FPR was eligible for partial reimbursement for some of the cleanup costs incurred by the company. Approximately \$114,000 was paid to FPR under this program. Meanwhile, changes under state law eliminated this program. In 1995, FPR, which had ceased business operations at the facility in 1992, advised the state that it could not afford to continue cleanup efforts.

In the spring of 1996, EPA's Emergency Response and Removal program conducted an assessment of the FPR facility. The abandoned facility contained 10 aboveground tanks and 24 drums in poor condition, which appeared to contain waste oil and wastewater. While the tanks and drums were within secondary containment areas, these structures had deteriorated. The contents of the tanks and drums were sampled and the results indicated the presence of volatile organic compounds (VOCs) and other hazardous substances. EPA determined that an immediate response action was warranted to address the imminent threat posed by the tanks and drums and to stabilize the facility pending further evaluation. As a result of this action, all of the tanks and an estimated 13,000 gallons of waste oil and 26,000 gallons of wastewater were removed from the Site. This work was completed in 1997 pursuant to an area of concern with a lower generator for the site, U.S. Sugar Corporation.

A second removal action was conducted in 1999 to address the highly contaminated soils ranging from the surface to a depth of approximately 12 feet bgs. Contaminants removed included chlorinated



VOCs and petroleum-related compounds. Approximately 6,000 tons of soil were removed for off-Site disposal. The excavations were filled in with clean soil.

Two additional removal actions are planned for the fall of 2000. Results from the additional characterization of the deep soil contamination documented a zone of residual dense nonaqueous-phase liquid (DNAPL) in the northwestern portion of the facility at a depth from 34 to 43 feet bgs. At one location, contaminants were detected at lower levels, but which were still indicative of residual DNAPL, down to a depth of 59 feet bgs. This contamination is believed to represent a continual source of contamination to the Biscayne aquifer, a sole source of drinking water for Dade and Broward counties. A consent agreement and work plan has been developed with the FPR potentially responsible parties (PRPs) to treat the residual DNAPL contamination in place using a technique known as chemical oxidation. The treatment process involves the injection of chemicals into the zone of contamination, which produces a chemical reaction to transform the contaminants into nontoxic compounds. This method of treatment has been shown to be effective at other sites similar in nature.

Finally, in a effort to address the highly contaminated groundwater at the FPR facility, a groundwater recovery, treatment, and disposal system is planned to be installed as part of a final removal action. This would be a limited action that extracts, treats, and reinjects roughly 100 gallons per minute of groundwater and would be intended to address concentrated groundwater at the facility that is an ongoing source of contamination to the Biscayne aquifer. Groundwater modeling estimates indicate that implementation of this removal action may reduce the long-term cleanup time of the large aqueous plume by about 50 percent.

### **1.3 Summary of Investigations**

Numerous investigations have been conducted by the EPA, the FDEP, the City of Fort Lauderdale, and the former owners of the FPR facility in an effort to (1) determine the source of contamination of the Peele-Dixie Wellfield, and (2) assess the nature and extent of contamination associated with the wellfield, the FPR facility, and other sources of contamination in the area. A brief highlight of the scope of these studies and results is provided in the following subsections. The results from these studies are provided in greater detail in the FPR RI report (1998). Actual reports are available for review in the EPA Administrative Record (AR) for this Site.

To better understand the progression of the studies and sequence of events, it is important to understand that EPA, FDEP, and the City of Fort Lauderdale first began studying the Peele-Dixie Wellfield independent of, and without knowledge of, the severity of the problems associated with the FPR facility. In 1995, the magnitude of the problems associated with FPR was first discovered. Independent of these investigations of the Peele-Dixie Wellfield, the former owners of the FPR facility were conducting some limited investigations of the FPR facility pursuant to an order with the FDER (now known as FDEP), under Florida's petroleum cleanup program.





### **1.3.1 FPR Contamination Assessment**

Assessment of the FPR facility by the owner, Barry Paul, began in 1984 under the direction of the FDER and the Broward County Environmental Quality Control Board (now known as the Broward County Department of Natural Resources Protection). The limited assessment included the installation of monitoring wells and the collection of soil and groundwater samples. This assessment culminated in the issuance of a contamination assessment report (CAR) in 1991, and a CAR addendum in 1991. The reports concluded that approximately 4,500 cubic yards (yds<sup>3</sup>) of contaminated soil was present above the water table, along with the presence of free-phase waste oil floating on the water table (i.e., light nonaqueous-phase liquid [LNAPL]). Dissolved-phase groundwater contaminated by VOCs and petroleum compounds was also detected near the facility boundary to the east and south, with some limited migration beyond the facility boundary to the west and north. As part of these studies, approximately 50 tons of contaminated soil were excavated (but 31 tons were reportedly backfilled into the excavation) and 225 gallons of waste oil were recovered from the excavation.

### **1.3.2 FDER Groundwater Investigation**

In December 1986, the City of Fort Lauderdale detected the presence of 1,2-dichloroethene (DCE) in production well number PW-18 located in the southern portion of the Peele-Dixie Wellfield. This well was 1 of 26 supply wells that comprise the Peele-Dixie Wellfield. The city instituted interim measures to control the spread of contamination in the wellfield by discontinuing the pumping of most of the wells in the southern part of the wellfield. Between March 1987 and January 1992, the city undertook remedial measures whereby contaminated groundwater was pumped from PW-18 into a shallow percolation pond for aeration.

Concurrent with these activities, the FDER initiated a study in 1987 in an attempt to locate the source of the contamination. A total of 49 deep (85 to 95 feet bgs) and 11 shallow wells (40 to 50 feet bgs) were sampled as part of the study. From the 1988 report on this work, FDER concluded that the Broward County 21st Manor Dump was the most likely source of the contamination, but that the assessment was complicated by the groundwater gradient reversal caused by the pumping of the Peele-Dixie Wellfield and from the interim remedial actions conducted by the City.

### **1.3.3 EPA Investigation - 21st Manor Dump**

Based on the conclusions from the FDER study, the proximity of the dump to the Peele-Dixie Wellfield, and prior uncontrolled use of the dump, EPA contracted with NUS Corporation (NUS) to conduct several investigations. Reports were subsequently issued in 1987, 1988, and 1990. The studies included the installation of numerous boreholes and monitoring wells and the collection of numerous soil and groundwater samples. Although these studies further documented the extent of groundwater contamination, no VOCs were detected in samples collected from the dump that would indicate that the dump was the source of the wellfield contamination.



#### 1.3.4 EPA Remedial Investigation

As a continued effort to locate the source of the wellfield contamination and to ensure that there were no ongoing sources of contamination to the Biscayne aquifer, EPA contracted with Bechtel Environmental, Inc. to conduct an RI of the Peele-Dixie Wellfield. Two separate field investigations were conducted in September 1994 and in August 1995 to better define the extent of groundwater contamination south of the wellfield. The first phase of the investigation included the installation of 12 monitoring wells in an area southward from the wellfield to I-595, along with the sampling of existing wells in the Peele-Dixie Wellfield. The second phase of study included the installation of 13 additional monitoring wells extending further south of the FPR facility, along with the resampling of existing wells located throughout the plume. Plume maps generated as a result of the 1994 and 1995 studies are shown in Figures 1-3 and 1-4, respectively.

As a result of these studies, EPA concluded that the FPR facility represented a significant source of contamination to the Biscayne aquifer and was the apparent source of contamination of the Peele-Dixie Wellfield. Based on this assessment, EPA initiated additional assessments of the FPR facility to better define the nature and extent of contamination at the facility. Investigation of the FPR facility included the collection of hundreds of soil samples to better define the nature and extent of contamination at the facility. Additional groundwater monitoring wells were also installed to assess the extent of groundwater contamination. The results from this extensive study are documented in the RI report for the FPR Superfund Site prepared by Bechtel Environmental, Inc. (Bechtel) in 1998. The RI report is included in the AR for this Site. A brief summary of the Site characteristics documented in the RI report is presented in Section 4.0 of this ROD.

#### 1.3.5 PRP Group DNAPL and Groundwater Investigation

Additional characterization of the residual DNAPL was conducted by the PRP Group as part of the 1999 soil removal. Additional soil borings were installed, along with the collection of several hundred soil samples. These results confirmed the presence of a residual DNAPL zone in a localized area in the northwest portion of the facility. The residual DNAPL was detected at a depth that ranged from 34 to 43 feet bgs. At one location, based on EPA's analysis, contaminants were detected at concentrations that were lower, but were still indicative of residual DNAPL down to a depth of 59 feet bgs. The results from this investigation are documented in a report prepared by Golder Associates, entitled *DNAPL Investigation Report, Florida Petroleum Reprocessors, Davie, Florida*, in January 2000.

Due to the length of time from the last sampling of the groundwater plume, and as an aid in the evaluation of potential groundwater cleanup alternatives for the FPR facility, Golder Associates resampled the groundwater monitoring wells at the facility and throughout the plume in January 2000. The results are summarized in the document, *Groundwater Sampling Report, Florida Petroleum Reprocessors Superfund Site, Davie, Florida*, prepared by Golder Associates in February 2000. The results show a general decrease in contaminant levels near to and north of



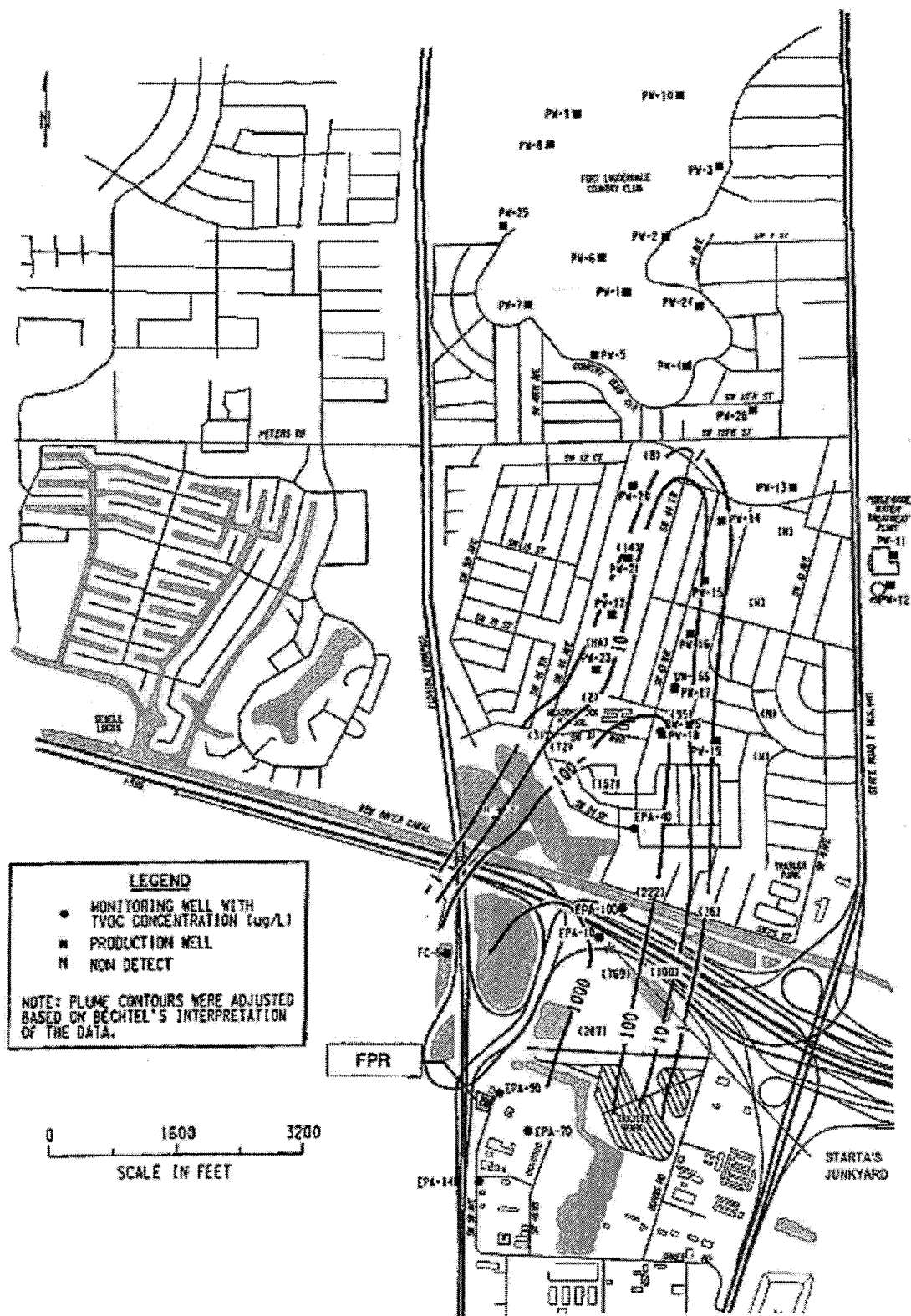


Figure 1-3  
TVOC Plume in Deep Aquifer - 1994  
Florida Petroleum Reprocessors, Davie, Florida



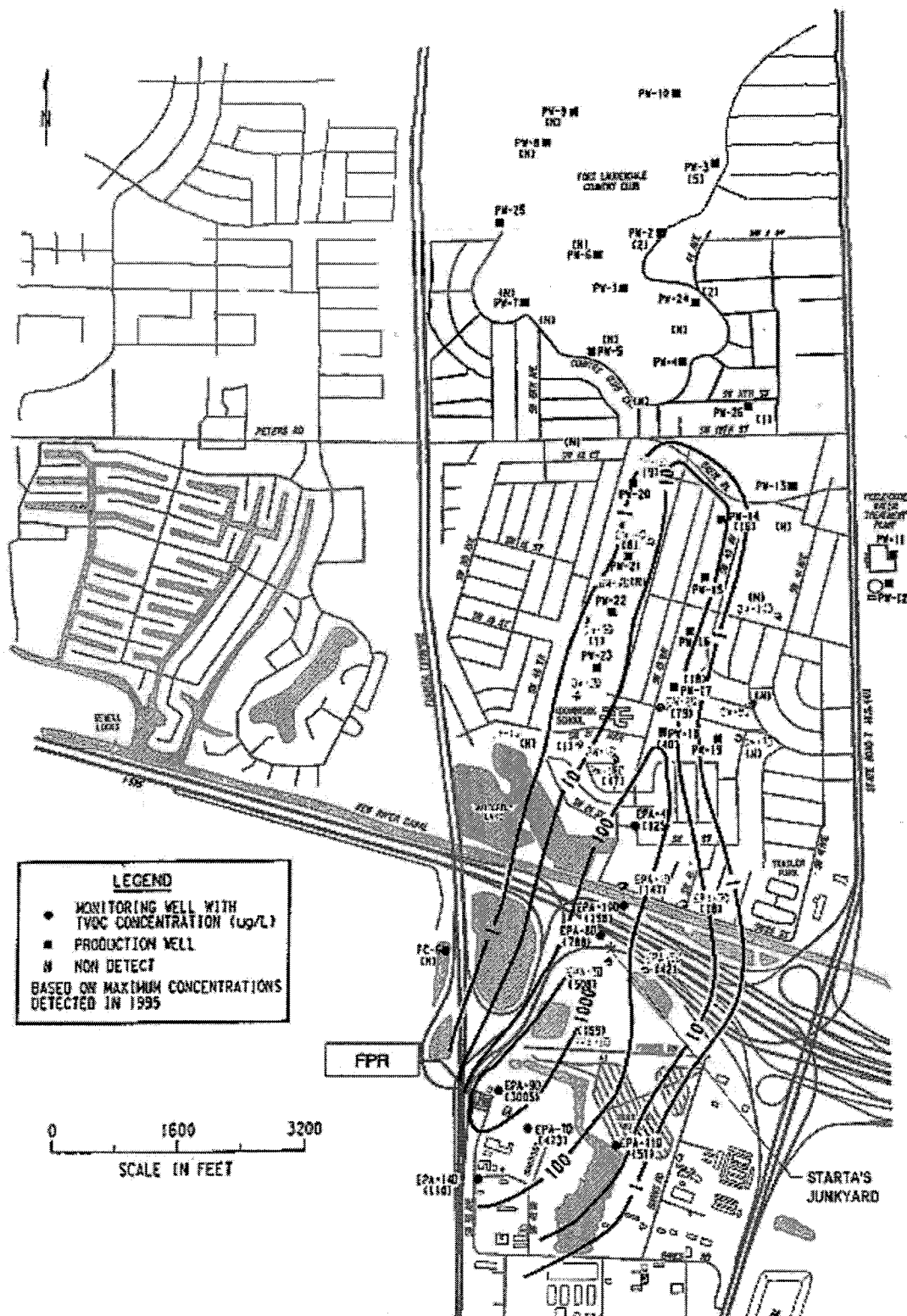


Figure 1-4  
TVOC Plume in Deep Aquifer - 1995  
Florida Petroleum Reprocessors, Davie, Florida



the FPR facility. Contaminant levels south of the Site have increased, indicating a continued southward migration of the plume.

## 2.0 COMMUNITY PARTICIPATION

The RI and FS reports, groundwater modeling report, and a Proposed Plan for the FPR Site were first released to the public in June 1998. These documents were made available to the public in the AR maintained at the EPA Docket Room in Region 4, Atlanta, Georgia, and at the Broward County, Riverland Branch Library in Fort Lauderdale, Florida. A notice of availability of these documents was published in the Fort Lauderdale *Sun-Sentinel* on June 7, 1998. A public comment period was held from June 9 through August 9, 1998, and a public meeting was held on June 18, 1998. At this meeting, EPA, along with representatives from FDEP, and the Florida Department of Health presented its proposed plan for cleanup and answered questions about the Site and remedial alternatives under consideration.

The Proposed Plan was met with significant opposition from the community and PRPs for the Site. In general, the community felt that time frames estimated for the remediation of the Site were too long and did not address potential threats to the Peele-Dixie Wellfield, a nearby public drinking water supply. The PRPs for the Site contended that the potential threats posed by the Site had not been properly characterized and that the corresponding response actions proposed by EPA were excessive and not warranted. Comments received on the 1998 Proposed Plan are contained in the AR for this Site.

In response to these comments, EPA decided not to adopt the preferred remedial alternative in the Proposed Plan and did not issue a ROD for the Site. EPA then began a process of additional Site characterization and evaluation of additional remedial alternatives. In conjunction with the additional Site characterization work, EPA and the PRPs began an evaluation of removal actions that could be taken to mitigate threats to human health and the environment through the removal of concentrated sources of contamination to the Biscayne aquifer.

After this additional assessment was completed, a second Proposed Plan was issued in June 2000. A notice of availability of these documents was published in the *Sun-Sentinel* on June 18, 2000. A public comment period was held from June 20 through August 21, 2000, and a public meeting was held on June 27, 2000. At this meeting, representatives from EPA and U.S. Army Corps of Engineers presented a summary of the Proposed Plan and answered questions about the Site and remedial alternatives under consideration.

A response to the comments received during this period is included in the Responsiveness Summary, which is included in Appendix A of this ROD. This decision document presents the selected remedial action for the FPR Superfund Site in Davie, Florida, chosen in accordance with CERCLA, as amended by SARA and, to the extent practicable, the National Contingency Plan (NCP). The decision for this Site is based on the AR.



### **3.0 SCOPE AND ROLE OF RESPONSE ACTION**

This action is expected to be the final action for the FPR Superfund Site. Since threats posed by soil contamination and residual DNAPL will be addressed this fall through a removal action, the remedial action objectives (RAOs) for this remedy would be to prevent the potential threats posed by the contaminated Site groundwater. Ingestion of groundwater from this portion of the aquifer poses a potential risk to human health because EPA's acceptable risk range is exceeded and concentrations of contaminants are greater than the maximum contaminant levels (MCLs) for drinking water (as specified by the Safe Drinking Water Act). The goal of this remedy would be to reduce the toxicity, mobility, and volume of those contaminants that pose the principal threat at the Site. The principal threat is comprised of areas of highly contaminated groundwater that act as continual sources of contaminants to the Biscayne aquifer and the drinking water resources within the influence of the Peele-Dixie Wellfield.

### **4.0 SUMMARY OF SITE CHARACTERISTICS**

#### **4.1 Physical Characteristics of Study Area**

The FPR Site is located along the eastern edge of the Atlantic Coastal Ridge, which gently slopes eastward toward the Atlantic Ocean. Surface elevations range from 3 to 10 feet above mean sea level.

##### **4.1.1 Climate**

The climate for the Broward County, Florida area can be characterized by long, humid summers and mild winters. The Atlantic Ocean has a moderating effect on temperatures along the coast, but effects diminish a few miles inland. Moderation of the coastal winter yields a tropical climate, while the rest of the inland areas are characterized as humid subtropical.

Average annual rainfall for the area is approximately 64 inches, with the majority of the precipitation occurring between June through October. Mean annual lake evaporation is estimated at 50 inches, resulting in a net annual precipitation of about 14 inches. The prevailing wind direction is southeasterly during the period March through September and northwesterly during the other months.

##### **4.1.2 Surface Water Hydrology**

Drainage patterns at the FPR facility are controlled largely by man-made drainage structures, such as culverts and swales. Rainfall that does not percolate into the soil at the facility may run off into SW 50th Street or to the wetlands to the south. Drainage from the wetlands is to the South Fork of the North New River Canal via a series of channels and culverts, which are part of the Florida Turnpike drainage system.

Other drainage features in the area include numerous nearby borrow pit lakes and the north and south forks of the New River Canal. The North New River Canal is part of an extensive drainage system



extending from Lake Okeechobee to the Atlantic Ocean. Sewell Lock, the most downstream salinity control structure prior to transitioning to freshwater, is located approximately 1 mile northwest of the Site. The portion of the canal closest to the Site is tidally influenced. The South New River Canal is located approximately 1.5 miles south of the Site. There are no apparent direct drainage pathways from the Site to either canal feature.

#### **4.1.3 Soils and Geology**

Surface soils at the FPR facility generally consist of fine- to medium-grained sand and fine limestone gravel containing varying amounts of artificial materials, including glass, wood, oily rags, and other debris. This disturbed material ranges in thickness from 6 to 66 inches, with the greatest thickness located in the northwest corner of the facility. Undisturbed material includes a natural fine- to medium-grained sand that extends downward to the uppermost semiconsolidated bedrock unit.

Depositional environments in the Fort Lauderdale area range from beach shelf and barrier sand bars to reefs. Sedimentary deposits resulting from the transitional nature of the deposits cause some difficulty in assigning formational names. Table 4-1 presents a generalized stratigraphic column for the FPR Site using site-specific descriptions from geologic borings and formational descriptions from the literature. Results from geologic borings conducted during the RI were used to compile geologic diagrams of the formations along both a north-south and east-west axis. The diagrams are shown in Figures 4-1 through 4-3 and the locations of the borings are shown in Figure 4-4. One of the most noteworthy observations from the geologic investigation is the variability of the elevation of the top of the Miami Oolite. As the uppermost semiconsolidated unit at the FPR Site, the variability in the elevation of this contact might influence the downward migration of contaminants.

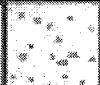

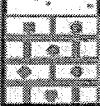


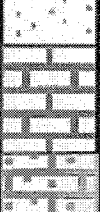
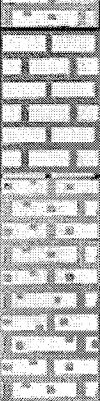
#### **4.1.4 Hydrogeology**

An unconfined groundwater system commonly referred to as the surficial aquifer system underlies the Site. The surficial aquifer system is comprised by the Pamlico Sand, Miami Oolite, Key Largo, Anastasia, Fort Thompson, and portions of the Tamiami Formations. The base of the surficial aquifer system is defined as that point where hydraulic conductivities of less than 10 feet per day (ft/day) are encountered. In the vicinity of the Site, the base of the surficial aquifer is encountered at a depth of approximately 285 feet bgs. Within the surficial aquifer system is a highly productive aquifer known as the Biscayne aquifer. The Biscayne aquifer is defined as that portion of the aquifer with hydraulic conductivities exceeding 1,000 ft/day, although it is not uncommon for hydraulic conductivities to exceed 10,000 ft/day.

The Biscayne aquifer generally occurs within Dade, Broward, and portions of Palm Beach counties and, as a result, is the sole source of drinking water for much of the population in Southeast Florida. The Biscayne aquifer has been designated by EPA as a sole source drinking water aquifer and by FDEP as a drinking water resource warranting a high degree of protection.



**Table 4-1**  
**Generalized Site Stratigraphy**  
**Florida Petroleum Reprocessors, Davie, Florida**

Age	Lithology	Formation	Observed Thickness (ft)	Description
Recent		None	0.5 to 5.5	fine- to medium-grained quartz sand with fine limestone gravel and debris
Pleistocene (formations may be contemporaneous)		Pamlico sand	3 to 65	fine- to medium grained quartz sand, with thin carbonate cemented zones
		Miami oolite	0 to 40	oolitic limestone with fine- grained quartz sand forming nuclei of ooids, underlain by quartz sand layer
		Key Largo limestone	0 to 22	crystalline reefal limestone
		Anastasia formation	40 to 80	sand, shelly sand, shelly and nodular sandstone, and sandy limestone
		Fort Thompson formation	0 to 15	fossiliferous sandy limestone
Tertiary (Miocene)		Tamiami formation	>115	interbedded limestone, sandstone, and sand grading to finer-grained materials at depth





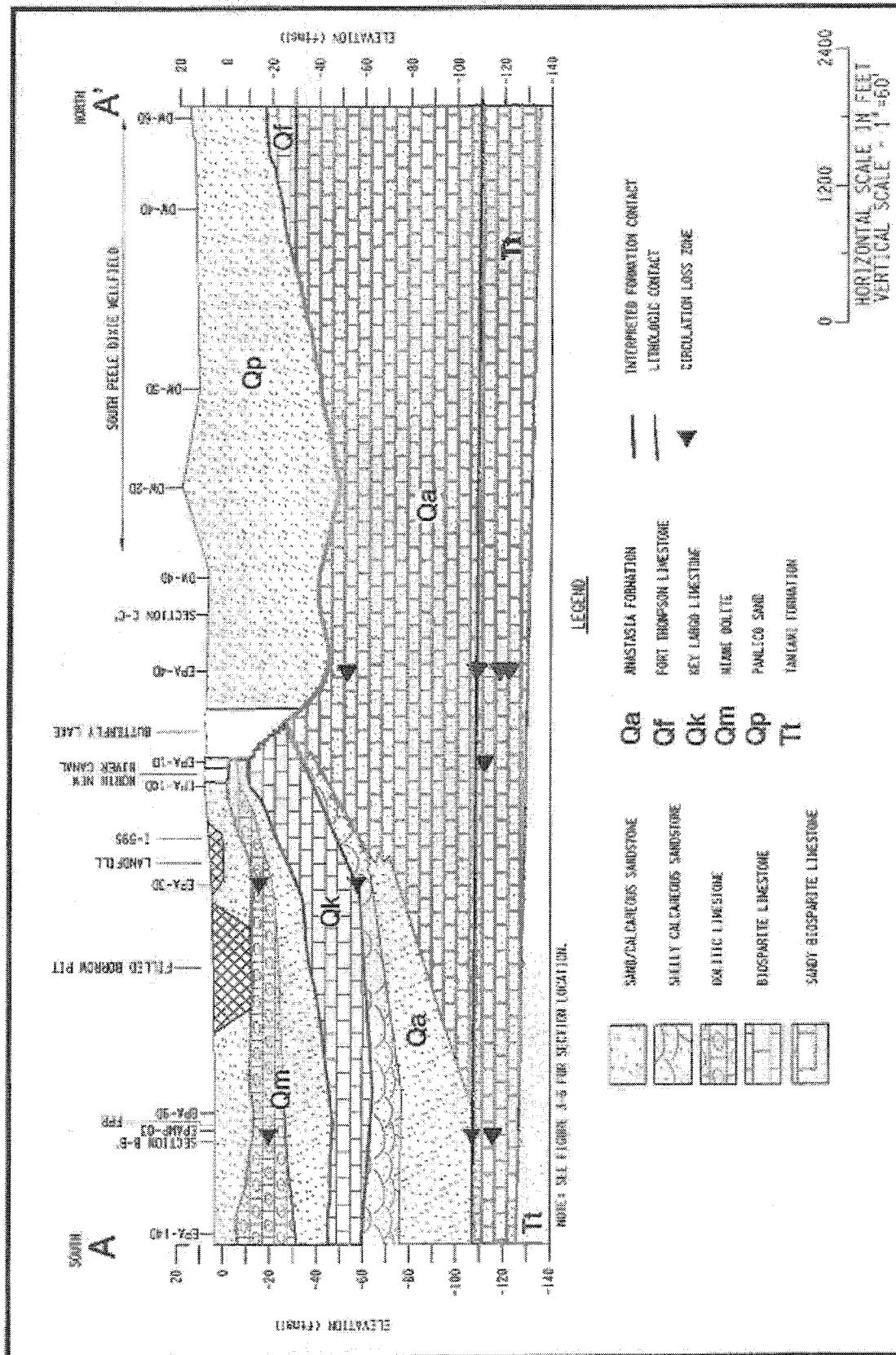
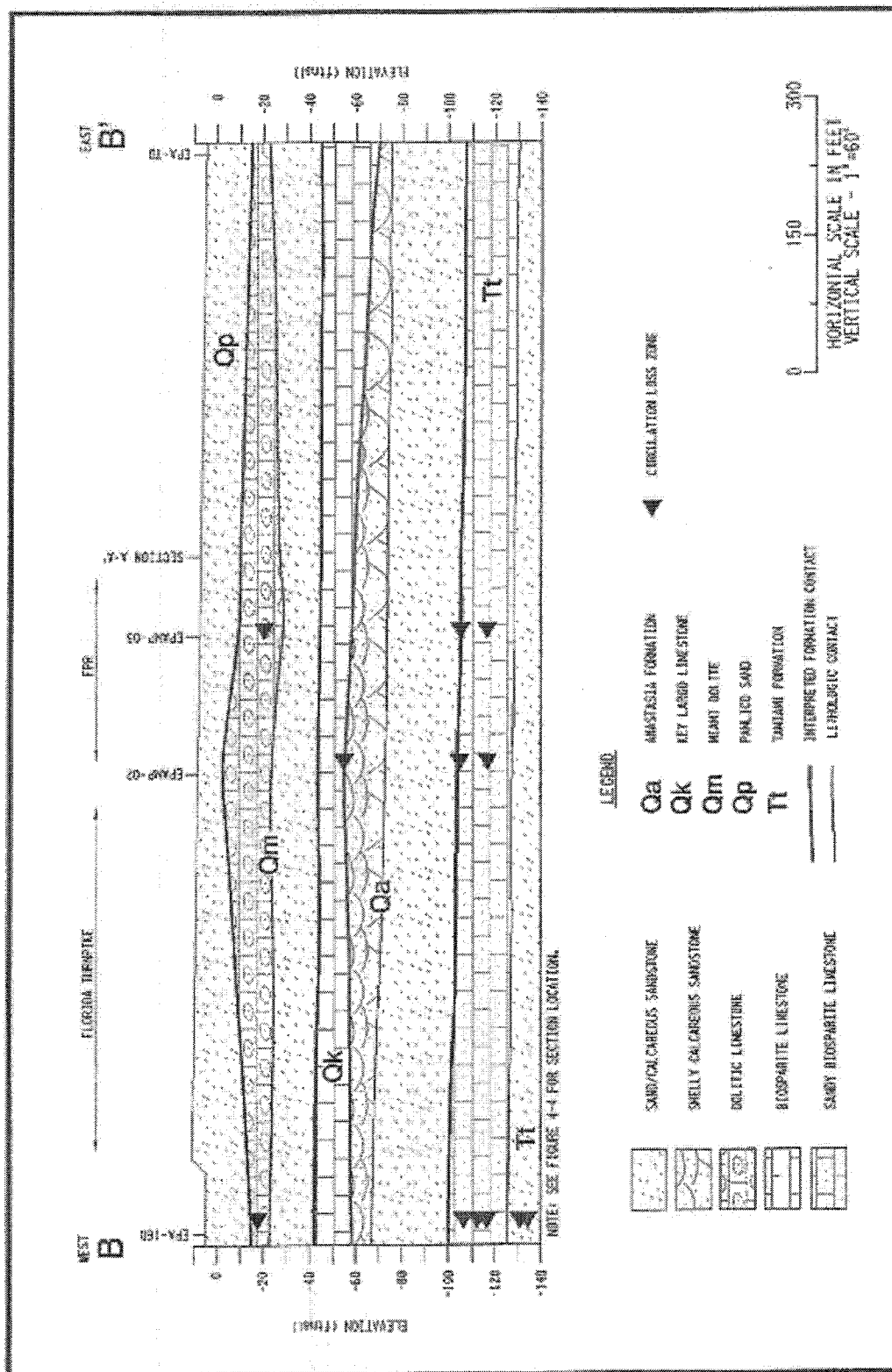


Figure 4-1  
Generalized Geologic Cross-Section A-A'  
Florida Petroleum Reprocessors, Davie, Florida



**Figure 4-2**  
**Generalized Geologic Cross-Section B-B'**  
**Florida Petroleum Reprocessors, Davie, Florida**

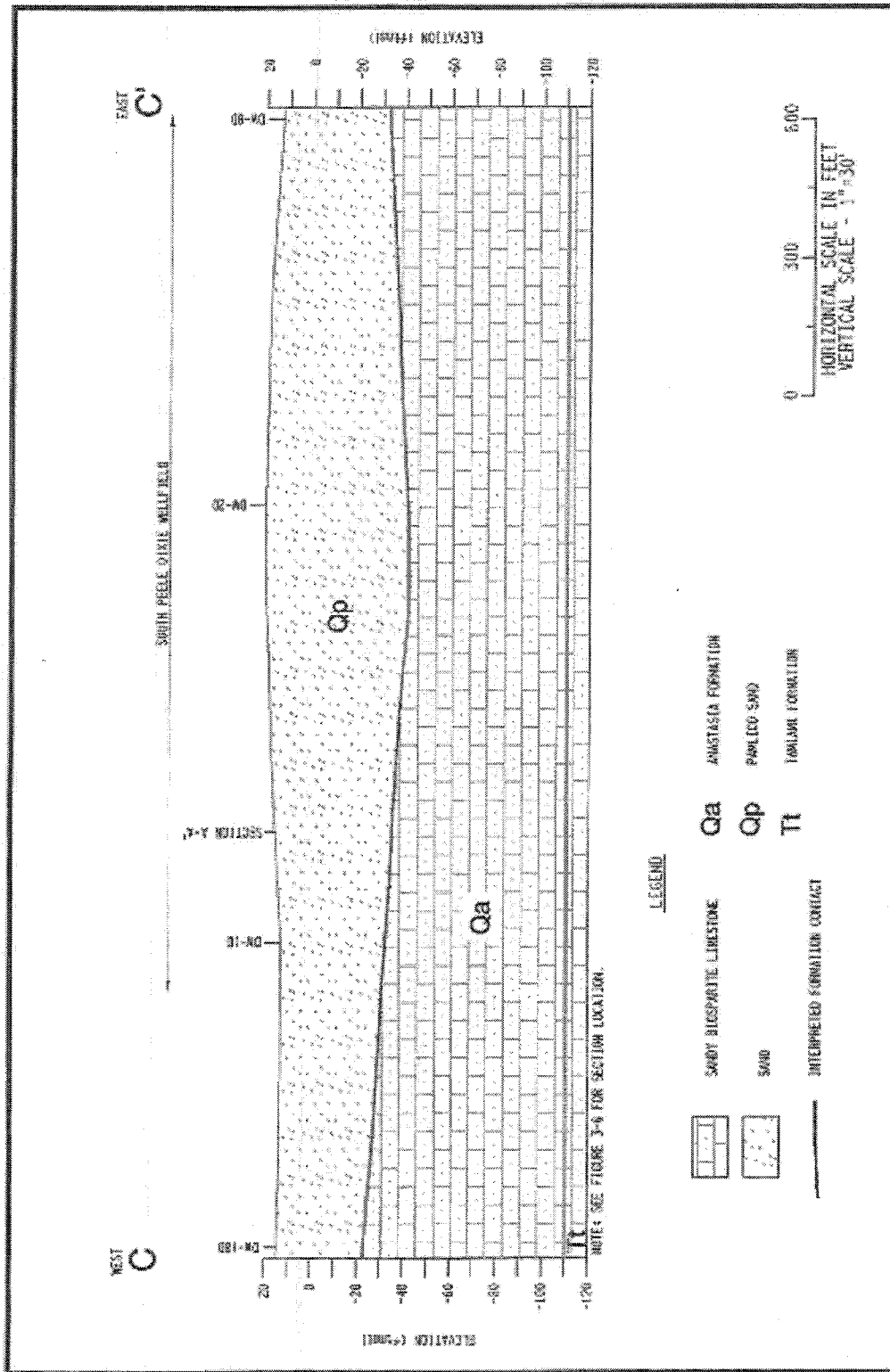


Figure 4-3  
Generalized Geologic Cross-Section C-C'  
Florida Petroleum Reprocessors, Davie, Florida



As shown in Figure 1-2, wellfields for numerous municipal and private drinking water supplies that obtain water from the Biscayne aquifer are located in the vicinity of the Site. The City of Fort Lauderdale's Peele-Dixie Wellfield is the largest groundwater pumping center in proximity to the Site. In the late 1970s, production from the Peele-Dixie Wellfield averaged about 14 million gallons per day (mgd), and dropped to about 12 mgd in the 1980s. As a result of contamination in the southern part of the wellfield, pumping in the southern part of the wellfield ceased, and production from the entire wellfield dropped to about 6 to 9 mgd. While other wellfields are within the vicinity of the Site, none of the wellfields appear to be in immediate threat of contamination by the Site.

The FPR Site is located in an area of major groundwater use for municipal and industrial supply. Groundwater flow is generally to the southeast, but local disturbances in the groundwater flow result from groundwater pumping and drainage canals. These disturbances may result in a northeastward groundwater flow direction. Hydraulic gradients within the aquifer were estimated to range from 0.00012 in the dry season to 0.00016 in the wet season. The average wet season potentiometric surface as measured from 1974 to 1982 and the average dry season as measured in 1988 are presented in Figures 4-5 and 4-6, respectively.

Vertical groundwater gradients were also measured as part of the RI. The results indicate a high degree of variability in distribution of the upward and downward gradients. This variability is interpreted to be indicative of heterogeneity in the aquifer. Although vertical gradients measured during the RI were low, they were of the same magnitude as the horizontal gradients. Changes in the vertical gradients likely affect the migration of contaminants in the aquifer, and are believed to be indicative of a three-dimensionally complex distribution of the dissolved-phase contamination in the surficial aquifer system.

To aid in the evaluation of groundwater remedial alternatives and evaluate historical flow paths, EPA retained the U.S. Army Corps of Engineers Waterway Experimental Station to develop a numerical groundwater flow model of the FPR Site area, including the Peele-Dixie Wellfield. The model was calibrated to within 10 percent of the normalized root mean squared error using water table observations. Sensitivity analyses were performed to determine the model's accuracy. A 19-year (January 1978 through December 1996) transient simulation was produced, which included the time period during which the FPR facility was in operation. Hydrologic data input into the 19-year simulation included precipitation, temperature, solar radiation, canal stages, and pumping data from utilities. Groundwater modeling results used in the development and evaluation of alternatives in the FS addendum (FSA) are available for review in the AR.

#### **4.1.5 Demography and Land Use**

The FPR Site is located in an urban, heavily populated, portion of Broward County, Florida. Approximately 165,234 people live within a 4-mile radius of the FPR facility. Due to the nature of the location of the Site in an industrial park, several other facilities were identified that currently manage or have previously managed waste material. As a result, the following facilities were included in the sampling conducted outside the FPR property: Atlas Waste Magic,



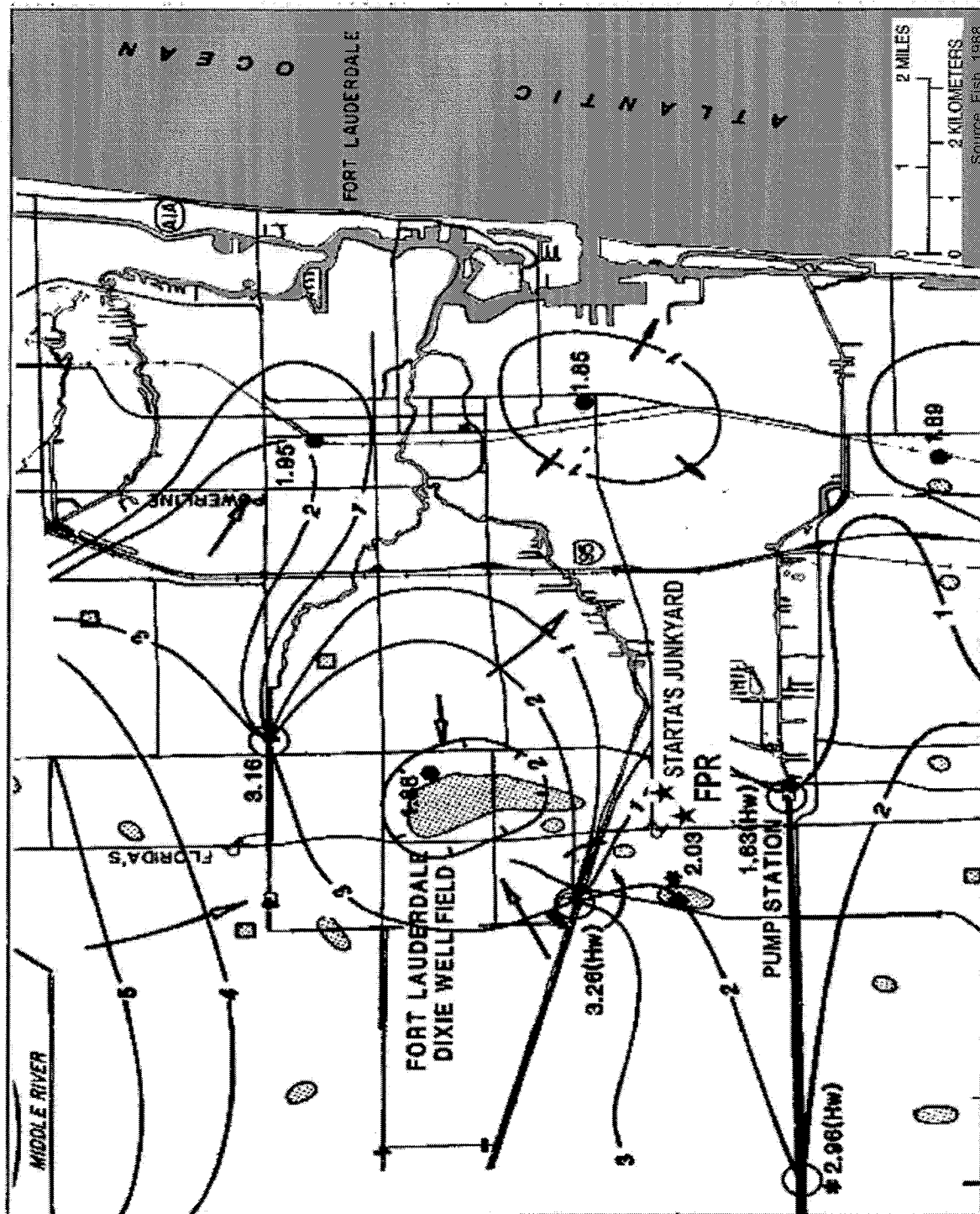
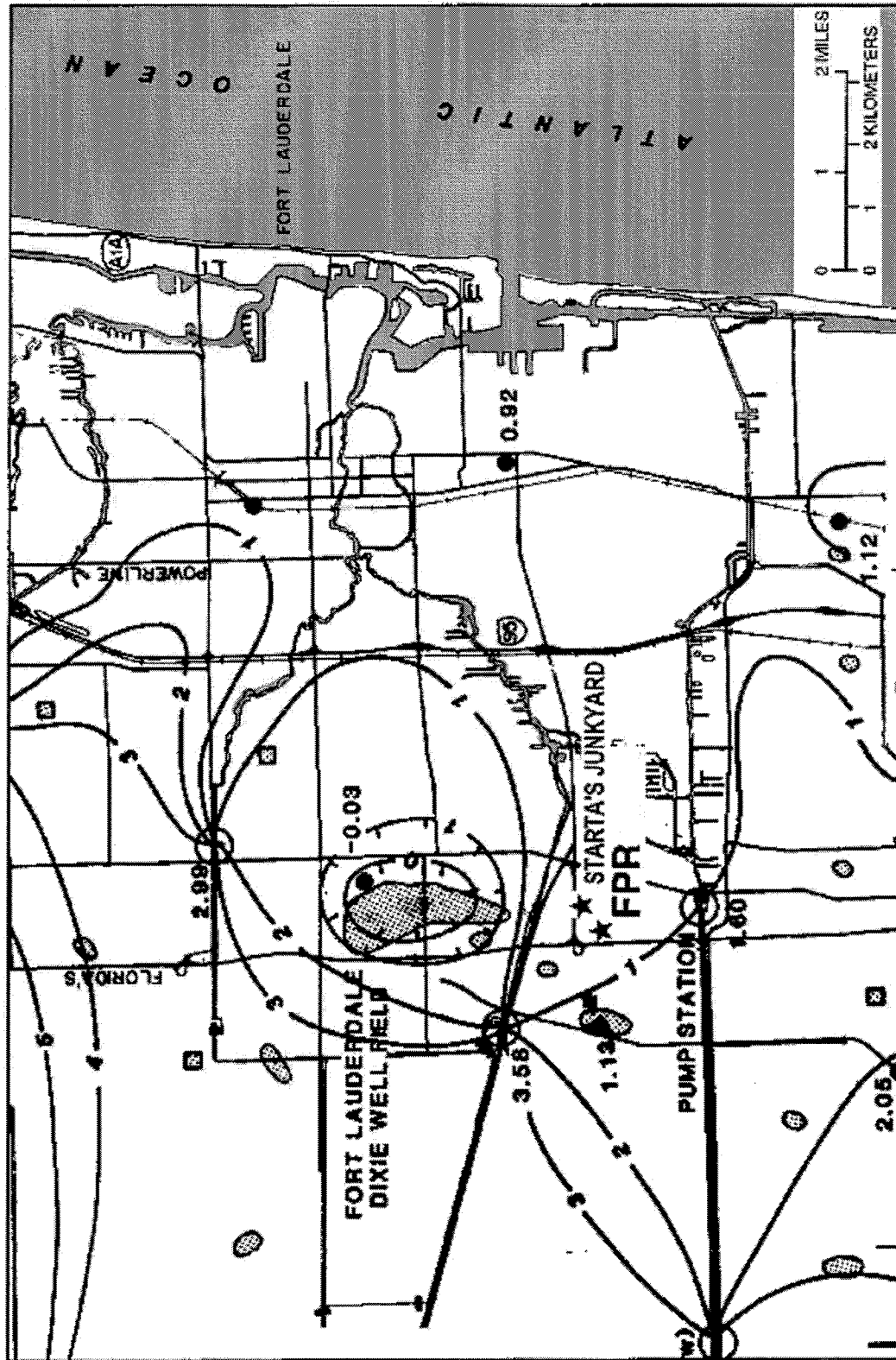


Figure 4-5  
Average Wet Season Potentiometric Surface Map (1974-1982)  
Florida Petroleum Reprocessors, Davie, Florida





**Figure 4-6**  
**Dry Season Potentiometric Surface Map, April 26-29, 1998**  
**Florida Petroleum Reprocessors, Davie, Florida**

Source: Base map is Fort Lauderdale South, Florida, USGS 7.5 minute quadrangle, photorevised 1983. Potentiometric contours from Lietz, 1991. Contour interval is variable.

Wheelabrator South Broward, Inc., Perma-Fix Environmental Services (Perma-Fix), Petroleum Management, Inc. (PMI), and Davie Concrete. The locations of these facilities are shown on Figure 4-7. Results from sampling these nearby facilities did not indicate the presence of significant concentrations of VOCs (i.e., the same magnitude of concentrations of VOCs reported at the FPR facility). A more detailed summary of the results is presented in Section 4.2.3 of this ROD.

The industrial park where the Site is located does not appear to be under substantial development pressure at this time. Recent development in the area has primarily been in the form of light industrial, commercial, and warehouse facilities. EPA is unaware of any future plans by Broward County or the Town of Davie for large-scale future developments in the area.

## **4.2 Nature and Extent of Contamination**

This section of the ROD provides a brief overview of the summary of the nature and extent of contamination identified during the RI of the FPR facility and surrounding area, as well as data collected during the initial investigation of the Peele-Dixie Wellfield. A principal goal of the RI was to delineate and characterize the source areas at the FPR facility responsible for creating the large area of groundwater contamination. Included in the assessment of the source was a thorough investigation of the potential presence of a DNAPL. Secondly, the RI was intended to investigate the possibility of other sources of contamination that may be contributing to the large area of groundwater contamination.

It is important to note, however, that since the completion of the RI, significant removal of contaminated soils documented during the RI has either been completed or is underway. All of the data are presented primarily for background purposes to illustrate the severity of the environmental problems posed by this facility and to explain why it caused such significant impacts on the Biscayne aquifer and the Peele-Dixie Wellfield.

With regard to the groundwater, much of the data from the RI are included to establish the historical conditions at the Site. Most recently, the groundwater plume was resampled in January 2000. These results are documented in a report entitled *Groundwater Sampling, Florida Petroleum Reprocessors Superfund Site*, Golder Associates, February 2000. With regard to the highly contaminated deep source groundwater remaining at the facility, a removal action is planned to begin in fall of 2000.

### **4.2.1 Scope of Investigation**

The scope of the RI included a comprehensive assessment of surface and subsurface soils, groundwater, and surface water. The assessment not only included the collection of samples for analysis, but numerous other quantitative measurements of water levels and water quality data to evaluate contaminant movement. As an indication of the scope of the field work, groundwater samples were collected from over 100 monitoring wells, spanning an area over 800 acres in size.







Over 300 soil samples were collected in the characterization of the FPR facility. A summary of the samples collected and analyzed as part of the RI is provided in Table 4-2. Figures 4-8, 4-9, 4-10 provide the locations of the wells sampled as part of the RI. Table 4-3 provides a summary of the construction details of the monitoring wells. Figure 4-11 provides the soil boring/sample locations. Soil collection depths from the numerous sampling locations is presented, along with the summary of the analytical results. For a thorough summary of the results from the RI, the final RI report (1998) by Bechtel should be consulted.

#### **4.2.2 Source Area Investigation**

Historical operations at the FPR facility apparently resulted in large-scale releases of solvent-contaminated wastes either at the surface or in the shallow subsurface (i.e., leaking underground storage tank). One of the objectives of the RI was to investigate the potential presence of nonaqueous-phase liquids that may have resulted from former operations at the facility. Additional source characterization included the investigation of soils contaminated by petroleum-related waste.

#### **DNAPL Investigation**

Several studies were conducted in an effort to document the potential presence of DNAPL, and if present, characterize the extent of contamination. Studies were conducted by EPA during the RI, and pursuant to a contract with EPA and the Department of Energy, Idaho National Engineering Laboratory. Additional characterization work was conducted on behalf of the PRPs by Geraghty and Miller and Golder Associates. Detailed results from these studies are included in the AR for this Site.

Investigation of the potential presence of a DNAPL included field screening of soil samples, laboratory analysis of soil samples, and an evaluation of contaminant concentrations in groundwater. Soil samples from numerous soil borings were collected and screened using EPA's DNAPL site evaluation protocol (1993). Based on the screening results, deep soil borings EPASB-01 and EPA-BS-12 yielded numerous soil samples with positive evidence of the presence of residual DNAPL. A summary of the screening results is provided in Table 4-4. The evidence for DNAPL was found at intermittent depths in both borings down to depths of approximately 60 feet bgs and was observed or detected in both unconsolidated sands and bedrock. None of the soil borings encountered contained an accumulation of DNAPL.

A comparison was also conducted between contaminant concentrations in groundwater and the 1 percent of solubility criterion widely recognized as a potential indicator of DNAPL. This evaluation is summarized in Table 4-5 and shows that trichloroethylene (TCE), 1,1,1-trichloroethane (TCA), 1,2-DCE, 1,1-DCE, and vinyl chloride were all detected in at least two locations with concentrations far exceeding 1 percent of the solubility criterion. Many of the compounds were detected in concentrations exceeding 10 percent of the respective solubilities. Cherry, et. al. (1995) states that "the finding of several percent of solubility is a reasonable signal that DNAPL may be present."





**Table 4-2**  
**Summary of RI Field Activities**  
**Florida Petroleum Reprocessors, Davie, Florida**

Field Activities	Qty	Number of Samples Collected/Analyses Requested											
		VOC	BNAE	Pest/ PCBs	Total Metals	TPH	TOC	Anion/ Cation	Geo- chemical	Field Screening			
										GC	FASP		
On-Site Soil Investigation													
Deep Soil Borings	6	35	17	0	0	0	9	0	0	194	100		
Piezometer Soil Borings	34	12	3	3	0	37	2	0	0	115	57		
Risk Assessment Borings	14	40	40	34	40	0	0	0	0	0	0		
On-Site Groundwater Investigation													
Piezometers	34	23	14	4	4	0	0	13	0	39	31		
New Multiport Wells	3	25	13	0	12	0	12	13	13	0	0		
Existing Monitoring Wells	6	6	6	2	6	0	0	6	6	0	0		
Off-Site Soil Investigation													
New Monitoring Well Borings	3	10	10	10	10	0	0	0	0	0	0		
Surface Soils (FASP Area)	2	4	4	4	4	0	0	0	0	0	0		
Off-Site Groundwater Investigation													
New Monitoring Wells	8	16	8	0	8	0	0	8	0	0	0		
Existing Monitoring Wells	50	50	8	0	0	0	0	49	45	0	0		
Vicinity Monitoring Wells	16	16	0	0	0	0	0	0	0	0	0		
Off-Site Surface Water and Sediment Investigation													
Surface Water Samples	6	6	6	6	0	0	0	6	0	0	0		
Sediment Samples	5	5	5	5	5	5	0	0	0	0	0		
Totals		248	134	68	89	42	23	95	64	348	188		



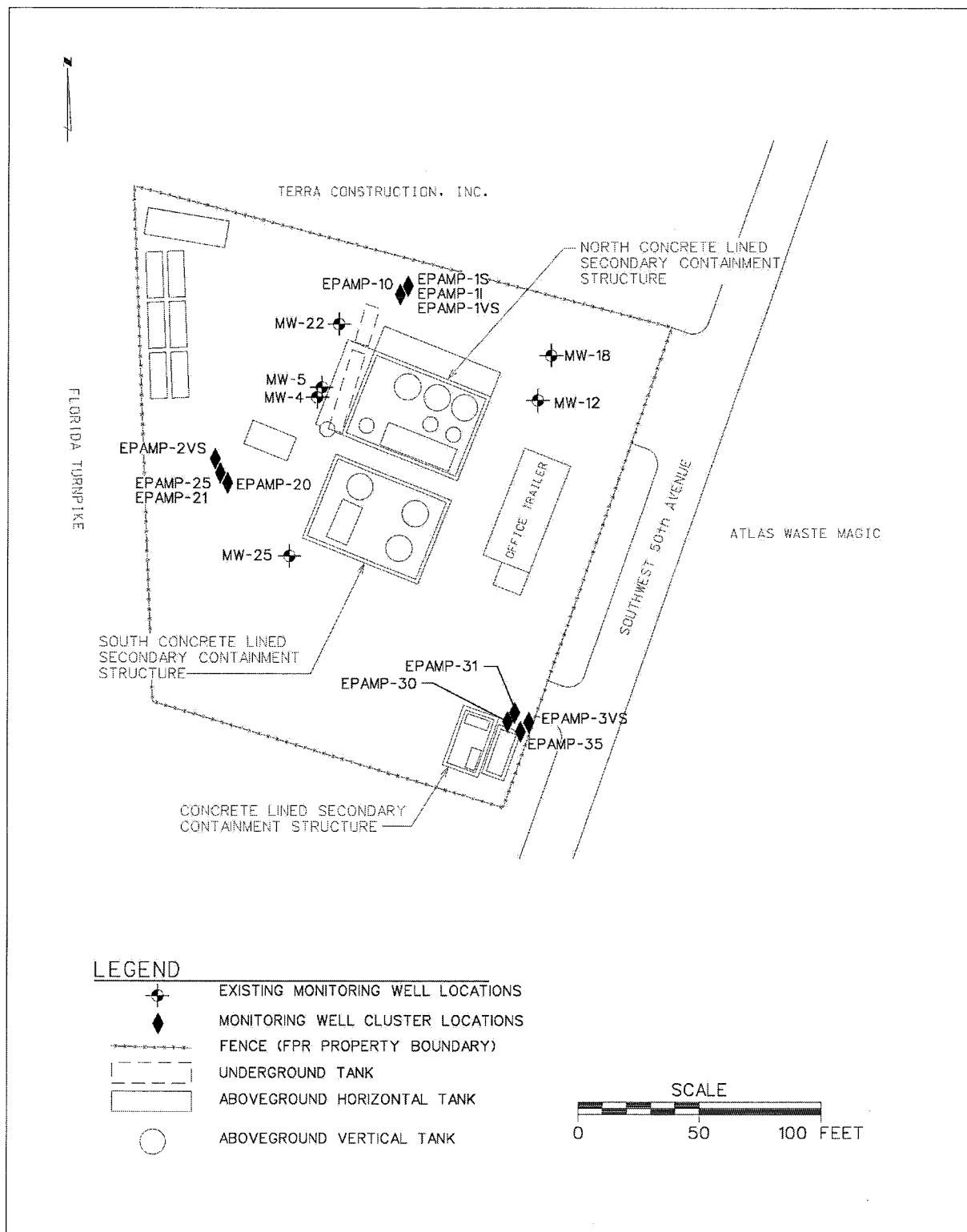
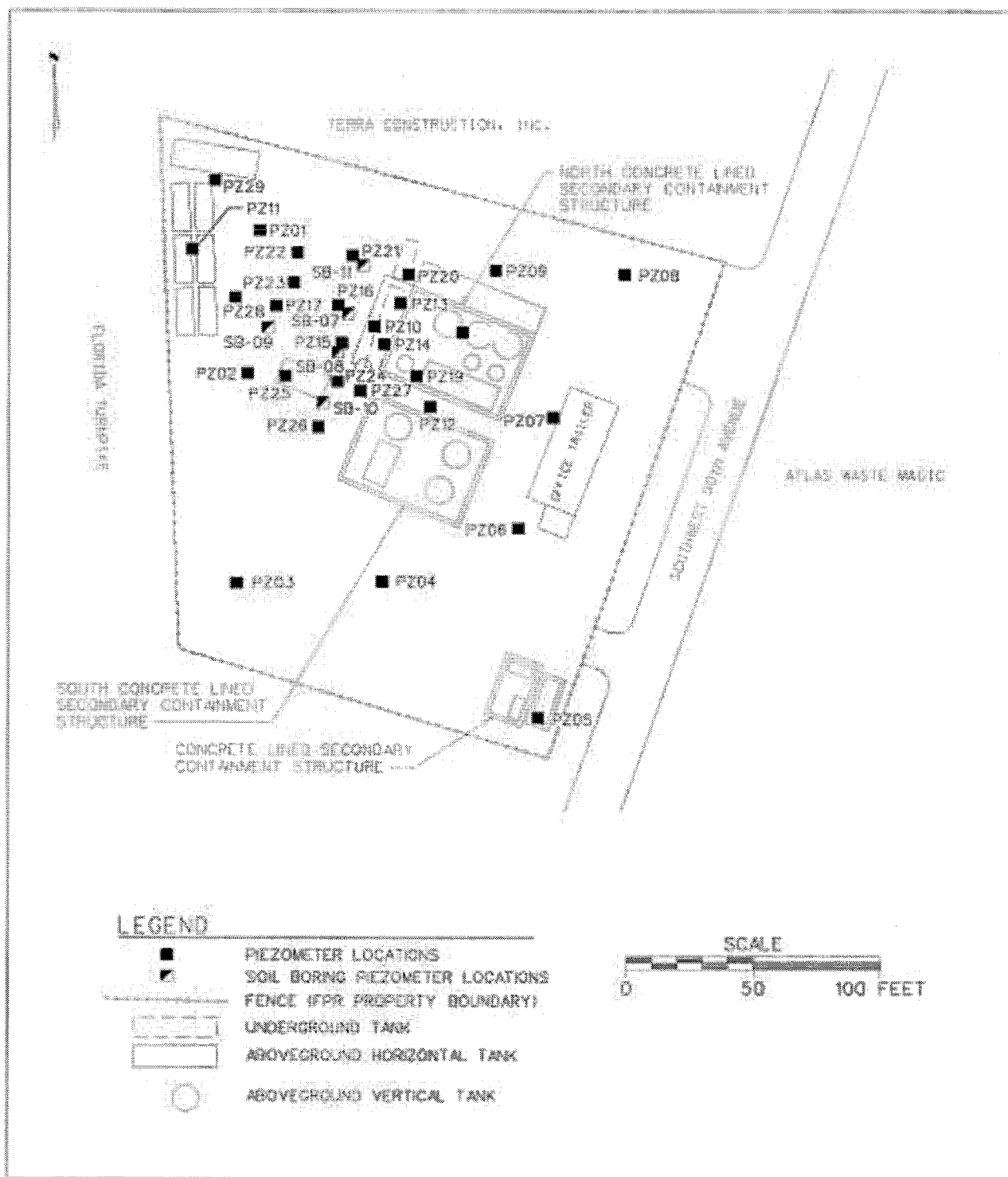


FIG4-9.DGN

**Figure 4-9**  
**On-Site Monitoring Well Locations**  
**Florida Petroleum Reprocessors, Davie, Florida**





**Figure 4-10**  
**On-Site Piezometer Locations**  
**Florida Petroleum Reprocessors, Davie, Florida**





**Table 4-3**  
**Construction Details for Piezometers and Monitoring Wells**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 1 of 6)

Well ID	Northing	Easting	Ground Elev. (ft msl)	Top of Casing (ft msl)	Casing Stick-up	Total Depth (ft bls)	Screen Top (ft bls)	Screen Bottom (ft bls)	Screen Type	Well Diameter
<b>Off-Site Monitoring Wells</b>										
EPA-1S	639,342	915,429	5.40	5.18	-0.25	61.50	50.00	60.00	0.02	2
EPA-1D	639,339	915,439	5.40	5.09	-0.29	141.50	130.20	140.50	0.02	2
EPA-2S	639,113	916,194	6.20	6.00	-0.24	61.50	50.80	60.80	0.02	2
EPA-2D	639,115	916,183	6.10	5.96	-0.18	141.50	130.80	140.80	0.02	2
EPA-3S	638,386	915,256	4.80	7.81	2.98	61.50	50.80	60.80	0.02	2
EPA-3D	638,383	915,266	4.90	7.92	2.99	142.50	131.80	141.80	0.02	2
EPA-3VD	638,380	915,280	4.60	7.61	3.02	201.00	190.00	200.00	0.02	2
EPA-4S	640,103	915,580	7.50	7.23	-0.25	61.50	50.80	60.80	0.02	2
EPA-4D	640,102	915,590	7.30	7.22	-0.08	141.50	130.80	140.80	0.02	2
EPA-5S	636,280	915,709	4.30	6.99	2.74	61.50	50.80	60.80	0.02	2
EPA-5D	636,267	915,720	4.50	7.39	2.92	141.50	130.80	140.80	0.02	2
EPA-6S	637,165	915,222	7.40	10.17	2.76	61.50	50.80	60.80	0.02	2
EPA-6D	637,170	915,211	8.50	11.25	2.79	141.50	130.80	140.80	0.02	2
EPA-7D	636,285	914,283	2.70	3.11	0.39	141.00	130.00	140.00	0.02	2
EPA-8VS	638,710	915,184	7.80	7.78	-0.04	21.00	9.50	19.50	0.02	2
EPA-8S	638,715	915,174	7.80	7.66	-0.11	61.00	50.00	60.00	0.02	2
EPA-8D	638,719	915,167	7.60	7.61	-0.01	141.00	129.50	139.50	0.02	2



**Table 4-3**  
**Construction Details for Piezometers and Monitoring Wells**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 2 of 6)

Well ID	Northing	Easting	Ground Elev. (ft msl)	Top of Casing (ft msl)	Casing Stick-up	Total Depth (ft bls)	Screen Top (ft bls)	Screen Bottom (ft bls)	Screen Type	Well Diameter
EPA-9S	636,763	913,912	3.30	3.40	0.10	61.00	50.00	60.00	0.02	2
EPA-9D	636,768	913,911	3.30	3.22	-0.03	141.00	129.00	139.00	0.02	2
EPA-10S	639,051	915,511	7.90	7.95	0.01	61.00	50.00	60.00	0.02	2
EPA-10D	639,090	915,452	8.00	7.91	-0.11	141.00	130.00	140.00	0.02	2
EPA-11D	635,971	915,757	5.60	5.36	-0.24	141.00	129.60	139.60	0.02	2
EPA-12S	639,622	914,437	4.90	4.88	-0.01	61.00	50.50	60.50	0.02	2
EPA-14S	635,689	913,664	3.20	3.08	-0.14	61.00	50.00	60.00	0.02	2
EPA-14D	635,666	913,664	3.10	2.99	-0.06	141.00	130.00	140.00	0.02	2
EPA-15S	634,461	914,091	6.40	6.34	-0.06	59.00	49.00	59.00	0.02	2
EPA-15D	634,462	914,097	6.20	5.90	-0.30	138.50	128.00	138.00	0.02	2
EPA-16S	636,442	913,258	5.30	5.40	0.10	60.00	50.00	60.00	0.02	2
EPA-16D	636,429	913,258	5.50	5.23	-0.27	139.00	129.00	139.00	0.02	2
EPA-17S	635,403	914,428	5.70	8.79	3.09	63.00	50.00	60.00	0.02	2
EPA-17D	635,402	914,432	5.70	8.69	2.99	143.50	132.00	142.00	0.02	2
EPA-18S	634,645	915,689	6.10	5.95	-0.15	57.00	47.00	57.00	0.02	2
EPA-18D	634,645	915,703	5.80	5.58	-0.22	140.00	130.00	140.00	0.02	2
EPA-19D						140.50	130.00	140.00	0.02	2
EPA-20D	Wells installed 1/98 to be surveyed as part of additional well installation activities planned to occur after production of RI Report					136.00	125.50	135.50	0.02	2





**Table 4-3**  
**Construction Details for Piezometers and Monitoring Wells**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 3 of 6)

Well ID	Northing	Easting	Ground Elev. (ft msl)	Top of Casing (ft msl)	Casing Stick-up	Total Depth (ft bls)	Screen Top (ft bls)	Screen Bottom (ft bls)	Screen Type	Well Diameter
EPA-21S						60.50	50.00	60.00	0.02	2
EPA-21D						140.50	130.00	140.00	0.02	2
EPA 22D						140.00	129.50	139.50	0.02	2
<b>On-Site Well Clusters</b>										
EPAMP-01D	636,569	913,734	6.40	6.24	0.16	140.60	130.00	140.00	0.02	2
EPAMP-01I	636,570	913,737	6.40	6.18	0.22	101.60	90.50	100.50	0.02	2
EPAMP-01S	636,570	913,737	6.40	6.17	0.23	59.60	49.00	59.00	0.02	2
EPAMP-01VS	636,570	913,737	6.40	6.07	0.33	30.30	20.00	30.00	0.02	2
EPAMP-02D	636,504	913,666	7.00	6.86	0.14	140.60	129.50	139.50	0.02	2
EPAMP-02I	636,506	913,662	7.20	7.02	0.18	100.70	90.00	100.00	0.02	2
EPAMP-02S	636,506	913,662	7.20	7.00	0.20	60.70	50.00	60.00	0.02	2
EPAMP-02VS	636,509	913,660	7.20	7.00	0.20	30.50	20.00	30.00	0.02	2
EPAMP-03D	636,386	913,777	5.90	5.66	0.24	140.40	129.00	139.00	0.02	2
EPAMP-03I	636,388	913,779	6.00	5.66	0.34	100.50	89.00	99.00	0.02	2
EPAMP-03S	636,382	913,782	5.90	5.55	0.35	59.50	49.50	59.50	0.02	2
EPAMP-03VS	636,384	913,785	5.90	5.65	0.25	30.40	19.50	29.50	0.02	2
<b>On-Site Existing Wells (Installed by Southeast Environmental Consultants, Inc.)</b>										
MW-4	636,530	913,704	7.10	6.85	Flush	12.00	2.00	12.00	0.02	2



**Table 4-3**  
**Construction Details for Piezometers and Monitoring Wells**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 4 of 6)

Well ID	Northing	Easting	Ground Elev. (ft msl)	Top of Casing (ft msl)	Casing Stick-up	Total Depth (ft bls)	Screen Top (ft bls)	Screen Bottom (ft bls)	Screen Type	Well Diameter
MW-5	636,532	913,704	7.20	7.18	Flush	445.00	35.00	45.00	0.02	2
MW-18	636,554	913,791	6.60	6.48	Flush	13.00	3.00	13.00	0.02	2
MW-22	636,558	913,711	6.60	6.48	Flush	13.00	3.00	13.00	0.02	2
MW-25	636,454	913,685	6.50	6.17	Flush	12.20	2.00	12.00	0.02	2
<b>Soil Boring Piezometers</b>										
EPASB-07	636,538	913,710	7.40	7.75	0.48	9.80	0.30	9.60	0.02	2
EPASB-08	636,523	913,699	7.10	7.55	0.52	9.80	0.30	9.60	0.02	2
EPASB-09	636,529	913,677	7.10	7.72	0.55	9.80	0.20	9.60	0.02	2
EPASB-10	636,503	913,693	6.80	7.26	0.42	9.90	0.40	9.70	0.02	2
EPASB-11	636,554	913,716	6.40	6.90	0.45	9.80	0.30	9.60	0.02	2
<b>Temporary Water Table Piezometers</b>										
EPA-PZ01	636,568	913,671	7.10	7.53	0.50	7.60	1.60	7.60	Saw Slotted	1
EPA-PZ02	636,516	913,664	7.00	8.12	1.20	9.10	3.90	8.90	0.02	1
EPA-PZ03	636,455	913,659	6.40		1.45	8.80	3.60	8.60	0.02	1
EPA-PZ04	636,419	913,716	6.30	7.90	1.54	8.80	3.60	8.60	0.02	1
EPA-PZ05	636,376	913,775	5.90	8.03	2.14	8.20	3.00	8.00	0.02	1
EPA-PZ06	636,453	913,770	6.10	9.71	3.83	6.50	1.30	6.30	0.02	1
EPA-PZ07	636,494	913,781	6.40		1.61	8.70	3.50	8.50	0.02	1



**Table 4-3**  
**Construction Details for Piezometers and Monitoring Wells**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 5 of 6)

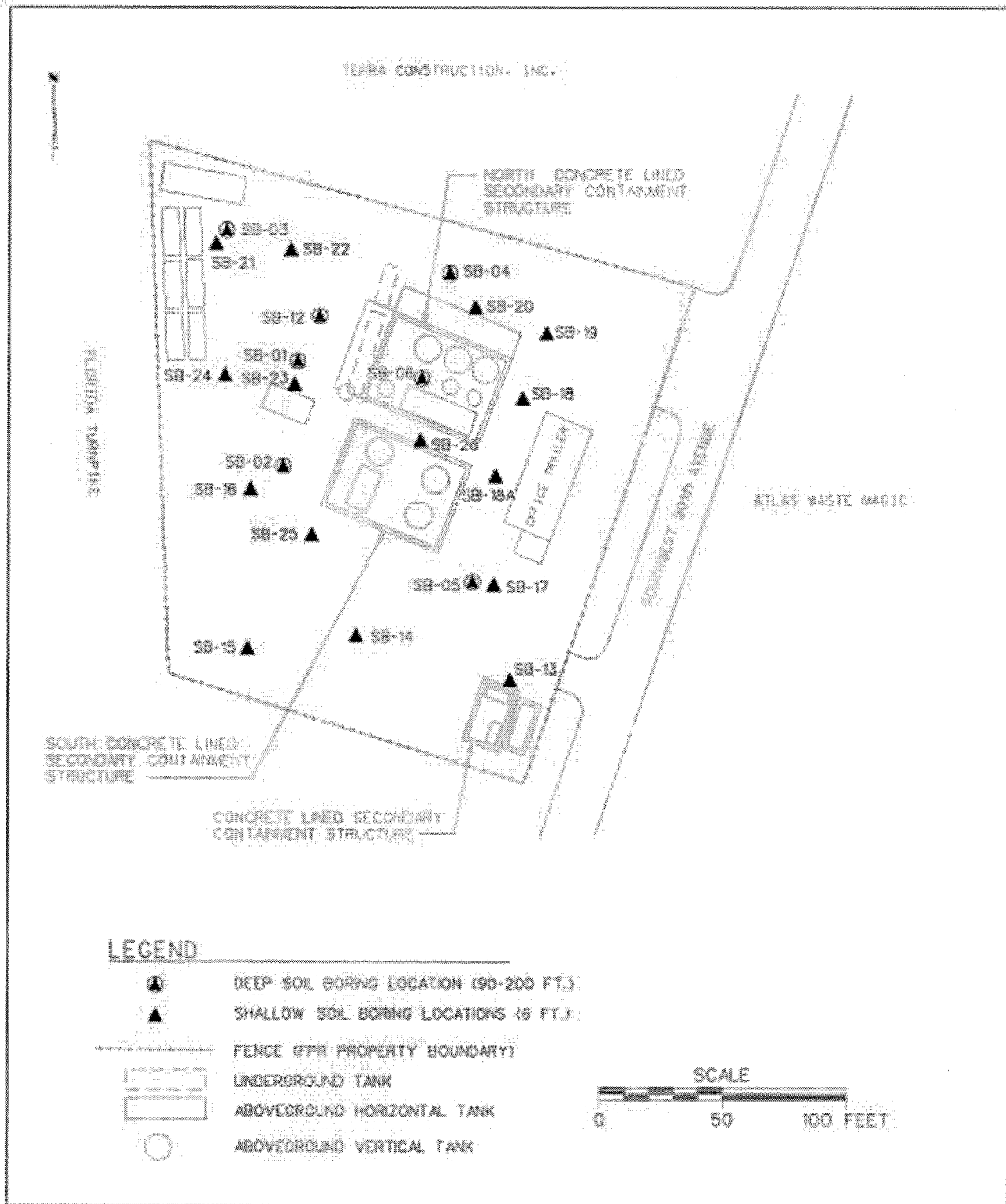
Well ID	Northing	Easting	Ground Elev. (ft msl)	Top of Casing (ft msl)	Casing Stick-up	Total Depth (ft bls)	Screen Top (ft bls)	Screen Bottom (ft bls)	Screen Type	Well Diameter
EPA-PZ08	636,552	913,799	5.80	7.30	1.64	8.70	3.50	8.50	0.02	1
EPA-PZ09	636,555	913,756	6.00	6.05	0.05	8.80	3.60	8.60	0.02	1
EPA-PZ10	636,531	913,710	7.10	11.31	4.25	6.00	0.80	5.80	0.02	1
EPA-PZ11	636,560	913,642	7.80	9.12	1.82	8.50	3.30	8.30	0.02	1
EPA-PZ12	636,501	913,736	6.40	7.93	1.45	8.80	3.60	8.60	0.02	1
EPA-PZ13	636,538	913,722	6.90	9.53	2.71	7.60	2.40	7.40	0.02	1
EPA-PZ14	636,524	913,718	7.00	9.64	2.70	7.60	2.40	7.40	0.02	1
EPA-PZ15	636,526	913,699	7.10	7.34	2.22	8.10	2.90	7.90	0.02	1
EPA-PZ16	636,541	913,708	7.30	8.81	1.52	8.80	3.60	8.60	0.02	1
EPA-PZ17	636,535	913,679	7.20	9.18	2.03	8.30	3.10	8.10	0.02	1
EPA-PZ18	636,532	913,745	6.30	7.91	1.70	8.60	3.40	8.40	0.02	1
EPA-PZ19	626,513	913,728	6.30	7.57	1.31	9.00	3.80	8.80	0.02	1
EPA-PZ20	636,552	913,724	6.30	7.95	1.67	8.60	3.40	8.40	0.02	1
EPA-PZ21	636,557	913,707	6.90	6.80	-0.10	8.70	3.50	8.50	0.02	1
EPA-PZ22	636,561	913,687	7.10	8.34	1.33	8.90	3.70	8.70	0.02	1
EPA-PZ23	636,547	913,683	7.20	8.67	1.46	8.80	3.60	8.60	0.02	1
EPA-PZ24	636,511	913,696	6.90	8.82	1.96	8.30	3.10	8.10	0.02	1
EPA-PZ25	636,513	913,677	7.10	8.55	1.55	8.60	3.40	8.40	0.02	1



**Table 4-3**  
**Construction Details for Piezometers and Monitoring Wells**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 6 of 6)

Well ID	Northing	Easting	Ground Elev. (ft msl)	Top of Casing (ft msl)	Casing Stick-up	Total Depth (ft bls)	Screen Top (ft bls)	Screen Bottom (ft bls)	Screen Type	Well Diameter
EPA-PZ26	636,493	913,692	6.70	8.49	1.82	8.50	3.30	8.30	0.02	1
EPA-PZ27	636,506	913,714	6.70	8.22	1.50	8.80	3.60	8.60	0.02	1
EPA-PZ28	636,539	913,660	7.20	8.29	1.11	9.20	4.00	9.00	0.02	1
EPA-PZ29	636,590	913,651	7.20	10.27	3.18	7.10	1.90	6.90	0.02	1
<b>Miscellaneous Off-Site Monitoring Wells (installed by others)</b>										
FC-5						80.00	75.00	80.00	Open Hole	4
FC-6						150.00	145.00	150.00	Open Hole	4



**Figure 4-11**  
**On-Site Soil Boring Locations**  
**Florida Petroleum Reprocessors, Davie, Florida**





**Table 4-4**  
**Summary of Field Screening Tests for Presence of DNAPL in Soil**  
**Florida Petroleum Reprocessors, Davie, Florida**

EPASB01										EPASB12									
Field Screening Tests					Field Screening Tests					Field Screening Tests					Field Screening Tests				
Depth	Visual Stain g	UV Fluor.	Soil/Water Shake	Hydroph. Dye	Head Space	Depth	Visual Stain g	UV Fluor.	Soil/Water Shake	Hydroph. Dye	Head Space	Depth	Visual Stain g	UV Fluor.	Soil/Water Shake	Hydroph. Dye	Head Space	Slight	Strong
7-9	Yes	No	No	No	220	1-3	Yes	Yes	No	No	800	1-3	Yes	Yes	No	No	800		
12-14	Yes	Yes	Possible	Yes	500	3-5	Yes	Yes	No	No	1000	3-5	Yes	Yes	No	No	1000		
17-19	No	Yes	No	No	50	5-7	No	Yes	No	No	100	5-7	No	Yes	No	No	100		
22-24	Yes	No	No	No	5	7-9	No	No	No	No	300	7-9	No	No	No	No	300		
27-29	No	Yes	No	No	2	9-11	No	Yes	No	No	200	9-11	No	Yes	No	No	200		
32-34	No	No	No	No	7	11-14	No	No	No	No	100	11-14	No	No	No	No	100		
37-39	Yes	No	No	Yes	800	13-15	No	Yes	No	No	80	13-15	No	Yes	No	No	80		
42-44	No	Yes	No	Yes	1000	15-17	No	No	No	No	50	15-17	No	No	No	No	50		
47-49	No	No	No	No	200	17-19	No	No	No	No	30	17-19	No	No	No	No	30		
52-54	No	No	No	No	20	20-22	No	No	No	No	18	20-22	No	No	No	No	18		
57-59	Yes	Yes	No	Yes	1000	22-24	No	No	No	No	38	22-24	No	No	No	No	38		
62-64	Yes	No	No	No	250	24-26	No	No	No	No	100	24-26	No	No	No	No	100		
67-69	Yes	No	No	No	40	26-28	No	No	No	No	18	26-28	No	No	No	No	18		
72-74	Yes	Yes	Possible	Possible	40	28-30	No	No	No	No	88	28-30	No	No	No	No	88		
77-79	Yes	Yes	Possible	Possible	30	30-32	No	No	No	No	40	30-32	No	No	No	No	40		
82-84	No	Yes	No	Possible	35	32-34	No	No	No	No	8	32-34	No	No	No	No	8		
87-89	No	No	No	No	600	35-37	No	Yes	No	No	150	35-37	No	Yes	No	No	150		
92-94	No	No	No	No	20	37-39	No	No	No	No	1000	37-39	No	No	No	No	1000		
97-99	No	No	No	No	60	39-41	No	Yes	No	No	1000	39-41	No	Yes	No	No	1000		
102-104	No	No	No	No	60	41-43	No	Yes	No	No	1000	41-43	No	Yes	No	No	1000		
108-218	No	No	No	No	1-280	43-45	No	Yes	No	No	1000	43-45	No	Yes	No	No	1000		
						45-47	No	Yes	No	No	1000	45-47	No	Yes	No	No	1000		
						47-49	Yes	Yes	No	Yes	400	47-49	Yes	Yes	No	Yes	400		
						49-51	Yes	No	No	No	80	49-51	Yes	No	No	No	80		
						51-53	Yes	No	No	No	100	51-53	Yes	No	No	No	100		
						53-55	Yes	Yes	No	No	70	53-55	Yes	Yes	No	No	70		
						55-57	Yes	Yes	No	No	100	55-57	Yes	Yes	No	No	100		
						57-59	No	Yes	No	No	20	57-59	No	Yes	No	No	20		
						59-61	Yes	Yes	No	No	82	59-61	Yes	Yes	No	No	82		
						61-63	Yes	Yes	Possible	Possible	80	61-63	Yes	Yes	Possible	Possible	80		
						63-65	Yes	Yes	No	No	40	63-65	Yes	Yes	No	No	40		
						67-69	Yes	Yes	No	No	30	67-69	Yes	Yes	No	No	30		
						71-73	No	No	No	No	25	71-73	No	No	No	No	25		
						75-77	No	No	No	No	48	75-77	No	No	No	No	48		
						79-81	No	No	No	No	50	79-81	No	No	No	No	50		
						83-85	No	No	No	No	20	83-85	No	No	No	No	20		
						88-90	No	Yes	No	No	120	88-90	No	Yes	No	No	120		

Note:

1. Test methods and evaluation based on methodology presented in *DNAPL Site Evaluation Manual*, EPA/600/R-93/022, February 1993.
2. Complete screening test results for all soil samples are presented in the 1998 RI report by Bechtel.
3. UV Fluor. - ultraviolet fluorescence; Hydroph. Dye - hydrophobic dye.
4. All depth intervals are in feet below land surface (bis).



**Table 4-5**  
**Evaluation of Potential Indicator of DNAPL**  
**Florida Petroleum Reprocessors, Davie, Florida**

Compound	Solubility	1% Solubility	Maximum Detected Concentration				Sampling Locations w/ >1% Solubility
			Water Table Interval (4-12 ft bls)	Shallow Interval (50-60 ft bls)	Intermediate Interval (90-100 ft bls)	Deep Interval (130-140 ft bls)	
PCE	400,000	4,000	260	ND	ND	ND	--
TCE	1,000,000	10,000	200,000	4	30	10	PZ15, SB08
1,1,1-TCA	950,000	9,500	140,000	350	530	ND	PZ15, PZ16, PZ24, PZ25, SB08, MW4
1,1-DCA	4,962,000	49,620	30,0000	66	49	22	--
1,2-DCE	3,500,000	35,000	270,000	690	920	1,200	PZ15, PZ16, PZ17, PZ24, PZ25, SB08, SB09, MW4
1,1-DCE	400,000	4,000	9,800	89	190	200	SB08, MW4
Vinyl Chloride	90,000	900	18,000	320	650	240	PZ01, PZ14, PZ16, PZ17, PZ19, PZ21, PZ22, PZ24, SB07, SB09, SB10, MW4
Chloethane	5,740,000	57,400	4,800	17	3.8	3	--

- Notes:
1. All concentrations in µg/L (ppb).
  2. No concentrations greater than 1% of solubility were detected in the shallow, intermediate, or deep zones of the Biscayne aquifer in either on-site or off-site monitoring wells; hence, no locations are provided.
  3. Maximum concentrations based on March-April 1997 and January 1998 sampling events completed for the 1998 RI report by Bechtel.
  4. Solubility values derived from Table 5-1 of the 1998 RI report by Bechtel.
  5. The 1% solubility criterion is widely recognized as evidence indicating potential for DNAPL as presented in *DNAPL Site Evaluation*, EPA/600/R-93/022, February 1993; *Estimating Potential for Occurrence of DNAPL at Superfund Sites*, EPA Publication 935.4-07FS, January 1992; and *DNAPL Site Diagnosis and Remediation*, University Consortium Solvents-in-Groundwater Research Program, Waterloo Centre for Groundwater Research, October 1995.

As a result of questions raised, however, by a group of PRPs for the FPR Site regarding the sample collection methods utilized in the investigation of the DNAPL by EPA, the Group installed two additional borings in the source area to further investigate the potential presence of a DNAPL and the vertical extent of contamination. These results are summarized in Table 4-6. A complete report of the PRP findings is included in the AR for this Site. While the results do not show the same magnitude of contamination as EPA's findings, they show a similar contaminant distribution and are viewed by EPA to be consistent with the vertical migration of a DNAPL.

EPA contracted with the Department of Energy, Idaho National Engineering and Environmental Laboratory (INEEL), to conduct an independent review of the evidence regarding the presence of a DNAPL. Most notably, INEEL conducted an assessment of the maximum concentration of VOCs that could be expected to be present in the soil and groundwater as a result of a release of a non-DNAPL (i.e., aqueous-phase) waste. INEEL concluded there was strong evidence for the presence of DNAPL in groundwater samples collected to a depth of 12 feet bgs and strong evidence of DNAPL soil samples collected to a depth of 50 to 60 feet bgs. A summary of these results is provided in Tables 4-7 and 4-8. A complete report of INEEL's findings is included in the AR for this Site.

An additional DNAPL study was completed in January 2000 by Golder Associated on behalf of the PRP Group. The investigation involved the installation of 18 boreholes to an approximate depth of 60 feet bgs. Figure 4-12 depicts the location of the boreholes and collection intervals. Approximately 400 samples were collected and analyzed for the presence of DNAPL. The study documented the presence of a zone of residual DNAPL in the subsurface, primarily in a zone ranging from 34 to 43 feet bgs, in a localized area in the northwest portion of the Site. At one location, evidence of residual DNAPL extended to a depth of 59 feet bgs. Figure 4-13 illustrates the distribution of residual DNAPL detected by Golder Associates. The complete results of this study are documented in the January 200 DNAPL investigation report for the FPR Site, prepared by Golder Associates.

Based on these results and the threat posed to the aquifer, it was determined that the residual DNAPL would be addressed through a removal action. The removal action involves in-situ treatment of the residual DNAPL through chemical oxidation. The action started in August 2000, and is expected to take approximately 6 months to complete.

### **Shallow Soil Investigation**

Evaluation of the results of shallow soil samples (i.e., 0 to 12 feet bgs) collected during the RI indicated that four classes of contaminants exist in the source area soils: VOCs, extractable semivolatile organic compounds (SVOCs), metals, and pesticides/polychlorinated compounds (PCBs). As discussed previously, the shallow contaminated soils were removed in mid-1999. The follow discussion is presented for background purposes only.





**Table 4-6**  
**TVOC Concentrations in Soil Source Area**  
**Florida Petroleum Reprocessors, Davie, Florida**

General Geology	Interval (ft bls)	SB02		SB03		SB06		SB01		SB12		FPRSB01		FPRSB12	
		TVOC	Depth	TVOC	Depth	TVOC	Depth	TVOC	Depth	TVOC	Depth	TVOC	Depth	TVOC	Depth
Sand	0-5	ND	5			132	2								
	6-10			108	6	ND	6					235,580	6	17,880	6
				722	8	59	8							12,060	10
				ND	10	ND	10								
	11-15	ND	11	ND	12	ND	12			569	11	26,454	12		
Collic LS				5	14	18	16			ND	13				
	16-20	ND	19	10	18	ND	18					4,914	18		
	21-25	48	23	88	20	18	22	9,980	23	513	22	4	24	140	22
Sand and Calcareous SS		1,037	25	6	22	21	26			113	24				
				ND	24	9	30								
	26-30	174	29	ND	26			210	28	14	26	1,669	28	27	28
										408	28				
										157	30				
	31-35	ND	35	ND	30					255	32	143	32	ND	32
				ND	32					175	34				
				ND	34										
	36-40			ND	36	ND	38	5,223	38	188	39	10	38	187	38
	41-45	ND	41			ND	44	105,600	43	10,312	41			10	44
Key Largo LS										120,400	43				
										1,170.60	45				
	46-50	ND	47	ND	46	ND	50			9,997	47	ND	46	474	50
										22,775	49				
	51-55	6	53					5,000	53	249	51	28	54	ND	56
										410	53				
	56-60			ND	60	ND	56	20,600	58	144	57	252	60		
										136	59				
	61-65	ND	61			24	62			948	61			ND	62
										51	63				
Calcar. SS										113	65				
	66-70	7	67	ND	66	53	66			34	69	252	68	ND	68
				ND	68	11	68								
				ND	70										
	71-75	33	73			ND	74	720	73	ND	73	41	73	ND	72
Anastasia SS	76-80	ND	79	ND	80	ND	80			4	77			ND	78
	81-85	ND	85	ND	82					40	81	ND	82	ND	84
				ND	84										
	86-90	ND	89	ND	86	11	86			627	90	3	89	ND	90
	91-95	77	92												
	96-100	81	97	ND	97										
	101-105	11	102	ND	102			692	103						
	>106							5	133						
								ND	153						
								6	178						
								11	213						

All concentrations in • g/kg.

TVOC = Total chlorinated VOCs.

LS = Limestone.

Depth shown for each sample is bottom of sampling interval.

SS = Sandstone.

ND - not detected.

Calcar. = Calcareous.

### Sample with TVOC > 200 • g/kg.



**Table 4-7**  
**Comparison of Aqueous-Phase Concentrations to Pure-Phase Solubility**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 1 of 2)

Compound	1,1,1-TCA	TCE	1,1-DCA	1,1-DCE	cis-1,2-DCE	Vinyl Chloride
Pure-Phase Solubility, C <sub>sat</sub> (mg/L)	950	1,000	4,962	400	3,500	90
0.01 × C <sub>sat</sub> (• g/L)	9,500	10,000	49,620	4,000	35,000	900
Sample Location	Observed Concentrations (• g/L)					
Shallow Depth (4 to 12 ft bls)						
MW-4	43,000	1,100	16,000	4,200	130,000	10,000
MW-12						
MW-22						
MW-25						
PZ-01	26		160	16		
PZ-02	180	94	2,150		370	180
PZ-09						
PZ-11			27			
PZ-12						
PZ-13		37	240		20	
PZ-14	2,200	220	13,500		1,750	260
PZ-15	100,000	100,000	21,000		270,000	
PZ-16	24,500	1,000	22,000	1,400	68,000	17,000
PZ-17	2,300		13,500	370	22,000	12,000
PZ-18		11			22	
PZ-19	235	38	4,600			
PZ-20			21		23	
PZ-21						
PZ-22			7		13	
PZ-23	270		560		330	430
PZ-24	32,500		30,000	3,200	130,000	15,000
PZ-25	18,000	75	15,000	510	41,000	4,500



**Table 4-7**  
**Comparison of Aqueous-Phase Concentrations to Pure-Phase Solubility**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 2 of 2)

Compound	1,1,1-TCA	TCE	1,1-DCA	1,1-DCE	cis-1,2-DCE	Vinyl Chloride
Pure-Phase Solubility, $C_{sat}$ (mg/L)	950	1,000	4,962	400	3,500	90
$0.01 \times C_{sat}$ (• g/L)	9,500	10,000	49,620	4,000	35,000	900
Sample Location	Observed Concentrations (• g/L)					
PZ-26	160		2,950	180	130	160
PZ-27	400	6	2,000		92	
SB-07	7,400	770	5,550	420	20,000	4,400
SB-08	140,000	200,000	18,000	9,800	260,000	3,750
SB-09	2,400		10,850	200	30,500	14,000
SB-10	4,200		16,500	160	18,000	6,300
SB-11	14	38	29		14	
<b>Intermediate Depth (20 to 45 ft bls)</b>						
EPAMP-1VS	1	6	28		2	3
EPAMP-2VS			95		8	
MW-5	110	20	250	12	690	150
<b>Great Depth (Greater than 45 ft bls)</b>						
EPAMP-1S	72	2	28	17	120	106
EPAMP-1I	315	30	42	180	630	350
EPAMP-1D		8	23	215	1,200	230
EPAMP-2S	340	4	64	89	660	300
EPAMP-2I	110	6	39	53	185	280
EPAMP-2D		1	2		24	4

**Notes:**

- Concentration data are taken from Appendix R of the draft RI report (Bechtel, 1997). In cases where multiple values are shown in the appendix, the tabulated value is the arithmetic average unless there was a data qualifier flag associated with one value, in which case the unflagged value is tabulated.
- Tabulated values for 1,2-DCE are cis-1,2-DCE if values were reported for both cis- and total 1,2-DCE, and are total 1,2-DCE otherwise. Typically, when values for both cis- and total 1,2-DCE were reported, the cis- isomer was at least 90 percent of the total. In general, values for total only were reported when concentrations were low, and both cis- and total 1,2-DCE were reported when concentrations were high.
- The depth category classification was taken from the draft RI report (Bechtel, 1997, pp. 4-15 and 4-41).
- TCA = Trichloroethane.
- TCE = Trichloroethene.
- DCA = Dichloroethane.
- DCE = Dichloroethene.



**Table 4-8**  
**Comparison of Chlorinated VOCs in Soil Samples**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 1 of 4)

Sample	Depth	PCE	TCE	1,1,1-TCA	1,2-DCE	1,1-DCA	Benzene	Toluene	EthBz	Tot. Xyl.
<b>0 - 2 ft Sampling Interval</b>										
PZ28-01	0-2 ft	--	--	9	--	11	--	--	--	--
SB12-01	1-3 ft	9,800	80,000	87,000	25,000	2,400	--	--	--	--
SB21-01	0-2 ft	29	--	--	--	--	--	39	220	--
SB23-01	0-2 ft	--	18,000	14,000	3,600	--	--	--	--	--
<b>2 - 4 ft Sampling Interval</b>										
PZ10-02	2-4 ft	22	310	180	--	6	--	--	--	--
PZ15-01	2-2.5 ft	95	44,000	13,000	350	36	--	--	--	--
PZ15-02	3-4 ft	2,100	220,000	37,000	4,100	--	--	13,000	--	2,600
PZ16-01	2-2.5 ft	1,400	120	11,000	8,000	1,400	--	--	--	--
PZ16-02	2-4 ft	4,300	160	39,000	19,000	3,600	--	--	--	--
PZ17-02	2-4 ft	110	2,800	13,000	6,400	--	--	--	--	--
PZ23-02	2-4 ft	360	72	3,900	540	530	--	--	--	--
PZ24-02	2-4 ft	600	9,300	32,000	10,000	460	--	--	--	--
PZ25-02	2-4 ft	--	12	82	100	--	--	--	--	--
PZ26-02	2-4 ft	--	--	16	6	6	--	--	--	--
PZ27-02	2-4 ft	190	25	260	52	81	--	--	--	--
PZ28-02	2-4 ft	15	--	42	--	63	--	--	--	--
SB12-02	3-5 ft	5,900	42,000	64,000	24,000	2,500	--	--	--	--
SB21-02	2-4 ft	120,000	1,600	1,300	29,000	7,400	1,300	60,000	13,000	--
SB23-02	2-4 ft	5,200	220,000	67,000	6,900	--	--	28,000	3,000	37,000
Hits /19		15	15	18	15	13	1	4	3	2
Min		15	12	9	6	6	1,300	39	220	2,600
Max		120,000	220,000	87,000	29,000	7,400	1,300	60,000	13,000	37,000



**Table 4-8**  
**Comparison of Chlorinated VOCs in Soil Samples**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 2 of 4)

Sample	Depth	PCE	TCE	1,1,1-TCA	1,2-DCE	1,1-DCA	VC	Toluene	EthBz	Tot. Xyl.
<b>4 - 6 ft Sampling Interval</b>										
SB07-03	4-6 ft	2,200	140	3,400	2,700	--	--	2,800	780	3,100
SB08-03	4-6 ft	9,700	620,000	270,000	26,000	--	--	82,000	4,800	21,000
SB09-03	4-6 ft	--	--	10	58	75	10	--	--	--
SB10-03	4-6 ft	--	--	16,000	1,600	660	--	--	1,000	7,400
SB21-03	4-6 ft	12,000	--	1,400	2,500	1,600	--	38,000	7,100	--
SB23-03	4-6 ft	--	610,000	490,000	90,000	--	--	44,000	--	--
PZ10-03	4-6 ft	7	130	110	41	--	--	--	--	--
PZ16-03	4-6 ft	5,300	230	35,000	12,000	2,100	--	--	--	--
PZ17-03	4-6 ft	--	26	110	93	26	--	--	--	--
PZ23-04	4-6 ft	44	--	140	68	110	--	--	--	--
PZ24-03	4-6 ft	2,800	57,000	310,000	97,000	8,700	--	--	--	--
PZ14-02	5-5.5 ft	260	1,000	4,700	490	1,100	--	--	--	--
PZ15-03	5-5.6 ft	400	32,000	6,500	1,300	66	--	--	--	--
SB12-3	5-7 ft	9	50	160	1,300	160	--	--	--	--
<b>6 - 8 ft Sampling Interval</b>										
SB08-04	6-8 ft	1,000	14,000	13,000	47,000	3,200	--	15,000	850	3,500
PZ10-04	6-8 ft	840	590	860	390	160	--	--	--	--
PZ17-04	6-8 ft	15	30	130	66	39	--	--	--	--
PZ25-04	6-8 ft	--	--	--	19,000	4,900	--	--	--	--
PZ27-04	6-8 ft	64	21	49	4	--	--	--	--	--
PZ15-04	7-7.5 ft	890	96,000	33,000	12,000	960	--	--	--	--
PZ16-04	7-5-8 ft	11,000	370	12,000	41,000	11,000	--	--	--	--
SB12-04	7-9 ft	76	600	2,700	1,400	160	--	--	--	--
<b>8 - 10 ft Sampling Interval</b>										
PZ14-03	8-8.5 ft	450	350	3,400	350	4,100	--	--	--	--
PZ15-05	8-5-9 ft	1,200	110,000	41,000	17,000	1,200	--	--	--	--
SB07-05	8-10 ft	700	--	3,300	2,900	1,200	--	950	180	720
SB08-05	8-10 ft	--	3,100	7,100	2,000	--	--	2,900	270	1,300
SB09-05	8-10 ft	--	--	--	18	4	--	--	--	--
SB10-05	8-10 ft	--	--	98	360	570	110	--	--	--
PZ17-05	8-10 ft	--	54	--	--	--	570	--	--	--
PZ16-05	8-10 ft	11,000	360	120,000	42,000	13,000	--	--	--	--
PZ24-05	8-10 ft	--	6,600	--	--	3,700	--	--	--	--
PZ25-06	8-10 ft	--	--	16,000	9,000	1,400	--	--	--	--
PZ26-05	8-10 ft	1,500	--	1,700	--	140	--	--	--	--
PZ27-05	8-10 ft	66	15	58	15	7	--	--	--	--
SB12-5	9-11 ft	--	27	120	140	59	--	--	--	--
<b>10 - 12 ft Sampling Interval</b>										
PZ24-06	10-12 ft	--	6,400	--	--	3,800	--	--	--	--
PZ14-04	10-11 ft	500	570	3,600	500	1,500	--	1,100	220	1,180
PZ17-06	10-12 ft	--	86	--	--	--	360	--	--	--
PZ23-06	10-12 ft	120	18	1,000	410	610	--	--	--	--
PZ16-06	11-5-12 ft	5,300	--	--	--	6,700	--	--	--	--
SB12-06	11-13 ft	--	17	110	360	87	--	--	--	--
Hits /41		26	30	34	35	33	4	8	8	7
Min		7	15	10	4	4	10	950	160	720
Max		12,000	620,000	490,000	97,000	13,000	570	82,000	7,100	21,000



**Table 4-8**  
**Comparison of Chlorinated VOCs in Soil Samples**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 3 of 4)

Sample	Depth	PCE	TCE	1,1,1-TCA	1,2-DCE	1,1-DCA	1,1-DCE	VC	Toluene	EthBz	Tot Xyl.
<b>12 - 15 ft Sampling Interval</b>											
SB12-08	15-17 ft	--	42	6	62	12	--	--	--	--	--
SB12-09	17-19 ft	--	55	27	53	14	--	--	--	--	--
SB12-10	20-22 ft	--	33	30	260	60	8	9	2	--	--
SB01-04	22-24 ft	2,200	740	5,000	1,400	320	320	--	2,600	620	2,400
SB12-11	22-24 ft	--	17	10	68	18	--	--	--	--	--
SB12-12	24-26 ft	--	3	2	6	3	--	--	--	--	--
<b>25 - 40 ft Sampling Interval</b>											
SB12-13	26-28 ft	28	200	87	26	--	--	--	--	--	--
SB01-05	27-29 ft	130	20	10	--	31	--	--	26	38	76
SB12-14	28-30 ft	--	28	61	36	32	--	--	--	--	--
SB12-15	30-32 ft	--	96	85	74	--	--	--	--	--	--
SB12-16	32-34 ft	--	50	66	59	--	--	--	--	--	--
SB12-17	35-37 ft	--	34	62	44	--	--	--	--	--	--
SB01-07	37-39 ft	32	2,200	660	1,600	460	250	21	910	12	52
SB12-18	37-39 ft	--	100	32	56	--	--	--	--	--	--
SB12-19	39-41 ft	780	880	--	--	52	--	--	--	--	--
<b>40 - 50 ft Sampling Interval</b>											
SB12-20	41-43 ft	1,000	98,000	19,000	2,400	--	--	--	--	--	--
SB01-08	42-44 ft	--	90,000	12,000	1,600	--	--	--	4,200	--	--
SB12-21	43-45 ft	1,900	810,000	340,000	17,000	1,700	--	--	--	--	--
SB12-22	45-47 ft	19	5,900	2,200	1,800	78	--	--	--	--	--
SB12-23	47-49 ft	110	15,000	7,500	130	35	--	--	--	--	--
SB12-24	49-51 ft	8	41	67	120	13	--	--	--	--	--
<b>50 - 60 ft Sampling Interval</b>											
SB12-25	51-53 ft	4	160	190	52	4	--	--	--	--	--
SB01-10	52-54 ft	--	--	--	5,000	--	--	--	--	--	--
SB12-27	55-57 ft	--	47	82	15	--	--	--	--	--	--
SB01-11	57-59 ft	700	--	17,000	1,900	--	--	--	2,100	--	360
SB12-28	57-59 ft	--	47	81	8	--	--	--	--	--	--
SB12-29	59-61 ft	--	390	230	52	5	13	7	--	--	--
<b>60 - 80 ft Sampling Interval</b>											
SB12-30	61-63 ft	--	28	18	5	--	--	--	--	--	--
SB12-31	63-65 ft	--	24	40	9	--	--	--	--	--	--
SB12-32	67-69 ft	--	6	--	28	--	--	--	--	--	--
SB12-33	71-73 ft	--	--	--	--	--	--	--	--	--	--
SB01-14	72-79 ft	29	11	11	19	--	--	--	--	--	--
SB12-34	75-77 ft	--	4	--	--	--	--	--	--	--	--
SB12-35	79-81 ft	--	2	7	6	--	--	--	--	--	--
<b>&gt; 80 ft Sampling Interval</b>											
SB12-36	83-85 ft	--	--	--	--	--	--	--	--	--	--
SB12-37	88-90 ft	--	35	110	430	4	--	--	--	--	--
SB01-20	102-104 ft	--	13	3	42	2	--	--	2	--	--
SB01-26	132-134 ft	--	--	--	5	--	--	--	--	--	--
SB01-30	152-154 ft	--	--	--	--	--	--	--	--	--	--
SB01-35	177-179 ft	--	2	--	4	--	--	--	3	--	--
SB01-42	212-214 ft	--	5	--	6	--	--	--	3	--	--
SB01-43	217-219 ft	--	6	2	7	--	--	--	--	--	--
Hits /42		13	36	32	36	18	4	3	9	3	4
Min		4	2	2	4	2	13	7	2	12	52
Max		2,200	810,000	340,000	17,000	1,700	320	21	4,200	620	2,400

- Notes:
1. All concentrations in • g/kg (ppb).
  2. 1,1-DCE and vinyl chloride were not detected in soils from either 0 to 2 ft or 2 to 4 ft bls in the source area.
  3. 1,1-DCE was detected in sample SB07-03 in a concentration of 15 • g/kg.



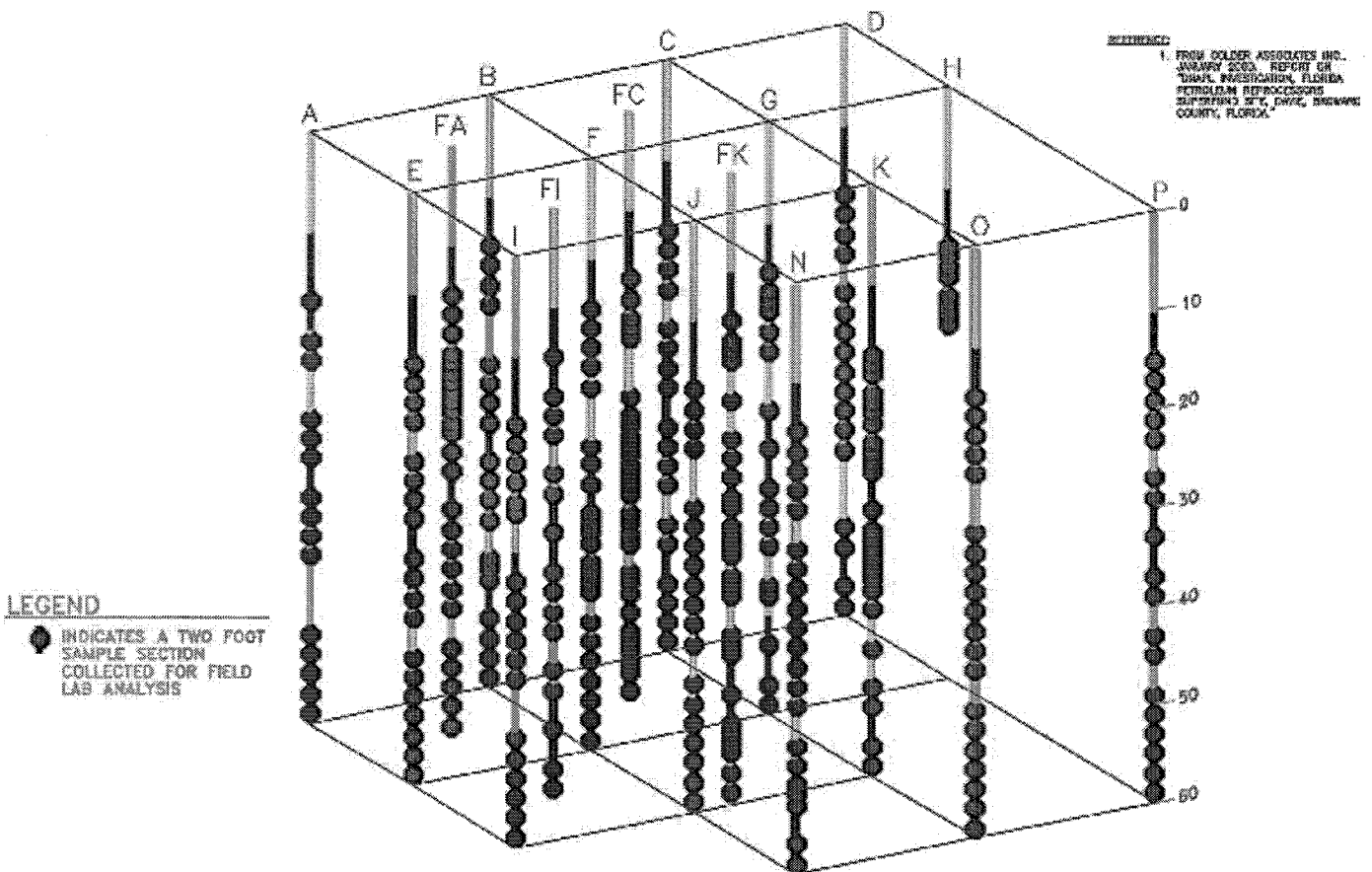
**Table 4-8**  
**Comparison of Chlorinated VOCs in Soil Samples**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 4 of 4)

4. Chloromethane was detected in sample SB10-03 in a concentration of 780 \* g/kg.
5. -- indicates compound was not detected.
6. VC = vinyl chloride; EthBz = ethyl benzene; Tot. Xyl. = total xylenes
7. Cl-VOC concentration categories:

PCE	TCE	1,1,1-TCA	Weight of Evidence Category
>3,000	>5,000	>5,000	Evidence for the presence of NAPL
>17,000	>29,000	>30,000	Strong evidence for the presence of NAPL
>110,000	>140,000	>160,000	Very strong evidence for the presence of NAPL

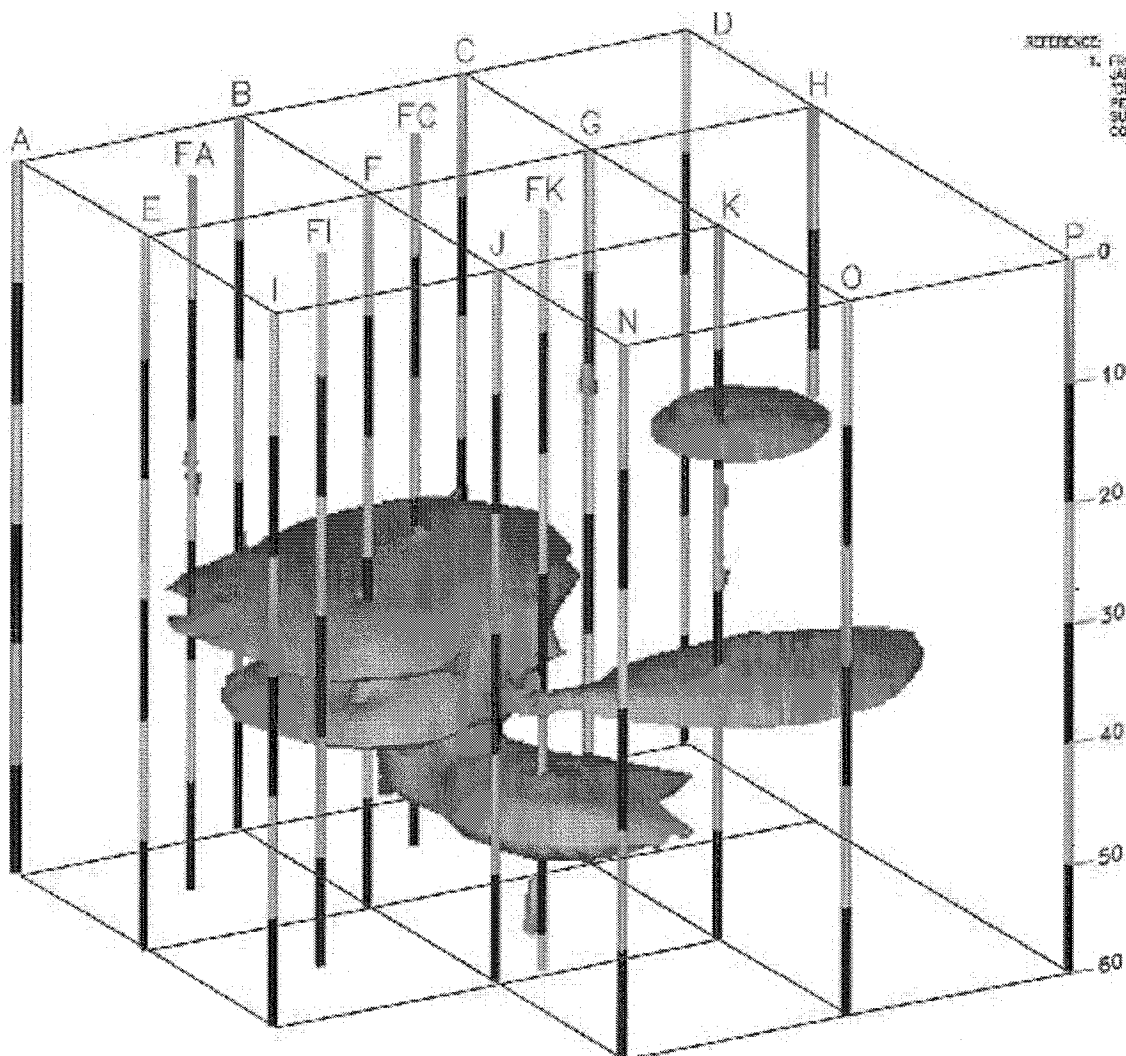




**Figure 4-12**  
**DNAPL Characterization of Soil Boring and Sample Locations**  
**Florida Petroleum Reprocessors, Davie, Florida**







REFERENCE:  
1. FROM GOLDER ASSOCIATES INC.,  
JANUARY 2000. REPORT ON  
CHAPL INVESTIGATION, FLORIDA  
PETROLEUM REPROCESSORS  
SUPERFUND SITE, DAVIE, BROWARD  
COUNTY, FLORIDA.

**Figure 4-13**  
**Extent of Residual DNAPL**  
**Florida Petroleum Reprocessors, Davie, Florida**



More than 100 soil samples were collected to investigate the extent of shallow soil contamination. Figures 4-14 and 4-15 provide an overview of the distribution of contaminants that comprised the shallow source area soils, and shallow soil contamination that is not considered to be a part of the source area, respectively. In general, VOCs detected in the vadose zone were comprised of a larger percentage of parent compounds, including perchloroethene (PCE), TCE, and 1,1,1-TCA. With increasing depth, the percentage of degradation products increased. Degradation products 1,2-DCE and 1,1-dichloroethane (DCA) were the most commonly detected degradation products detected below the water table. As shown in Figure 4-14, total chlorinated VOCs concentrations exceeding 100,000 micrograms per kilograms ( $\bullet$  g/kg) were not uncommon. The highest concentration for total VOCs (TVOCs) was 1,190,000  $\bullet$  g/kg in a sample collected in the vicinity of the former drop tank. In addition to the presence of chlorinated VOCs, other petroleum-related VOCs (i.e., benzene, toluene, ethyl benzene, and xylene [BTEX]) were detected at significant concentrations.

In general, metals and pesticides/PCBs detected were comparatively low in concentrations and frequencies of detection. Moreover, while metals are sometimes a component of waste oil, the metals represent a negligible component of the contamination. Minor levels of pesticides/PCBs are not considered to be site-related. The RI should be consulted for a full description of pesticide/PCB and metals contamination at the Site.

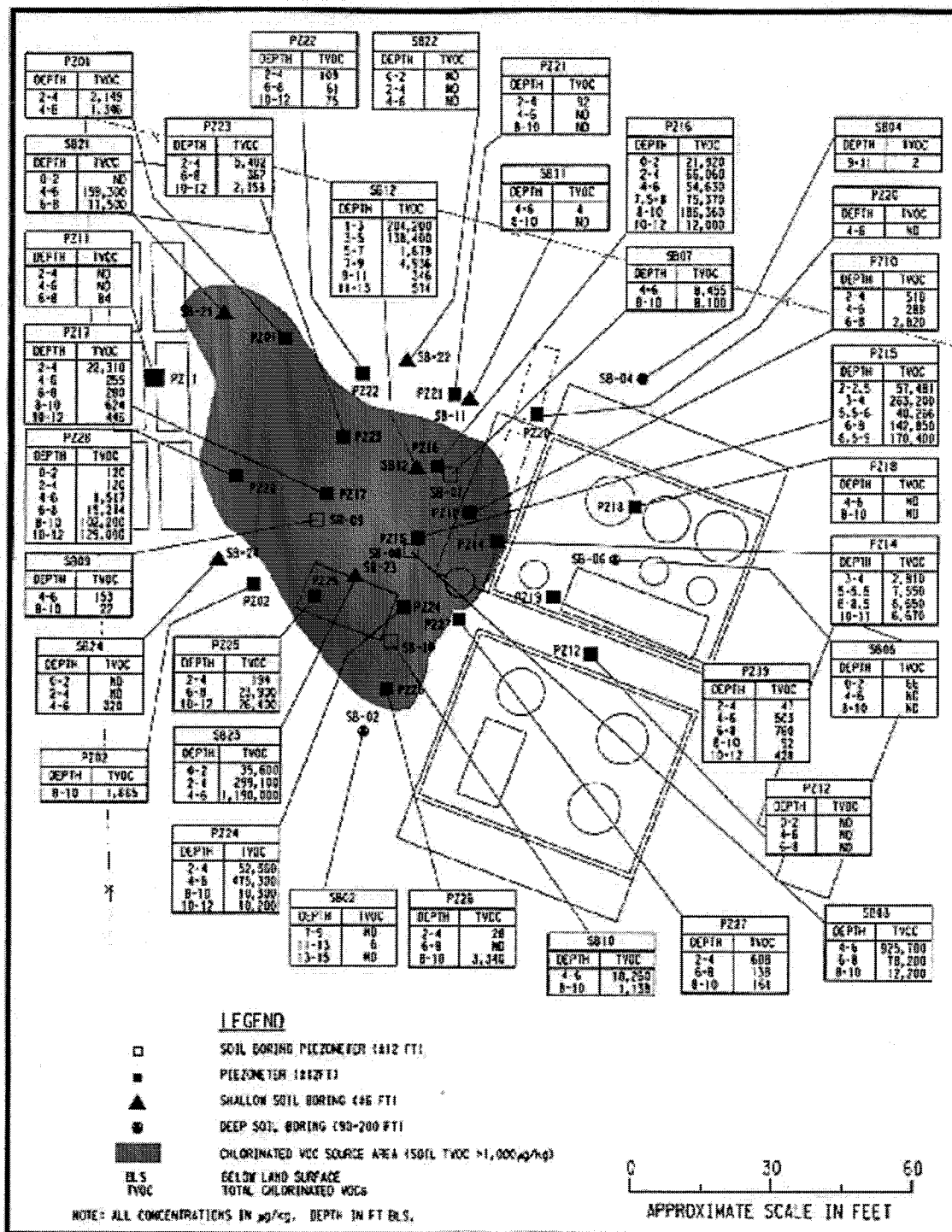
### **Petroleum Investigation**

The investigation of petroleum contamination primarily included the collection and analyses of samples for extractable (semivolatile) organic compounds, tentatively identified compounds, and total petroleum hydrocarbons (TPH). Figure 4-16 shows the former spatial distribution of the contaminants of the extractable organic compounds, as well as tentatively identified compounds. Extractable organic compounds detected were comprised exclusively of polynuclear aromatic hydrocarbons (PAHs), which are common constituents of waste oil. The highest levels of PAHs were detected in the vicinity of the original tank farm and early waste oil transfer/storage operations. Contaminant levels increased with depth at a number of locations, as demonstrated by the presence of increasing amounts of waste oil contamination near the water table. A separate oil phase identified as an LNAPL was observed in two of the temporary wells installed in the northwest corner of the Site.

Analytical results from the analysis of samples for TPH and their relative distribution are depicted in Figure 4-17. The highest level of TPH detected during the investigation was from a sample collected from the northwest corner of the Site. Soil samples collected from this area were visibly contaminated with waste oil, with the highest TPH values exceeding 20,000 milligrams per kilogram. The higher TPH levels were also typically associated with increasing depth and proximity to the water table.

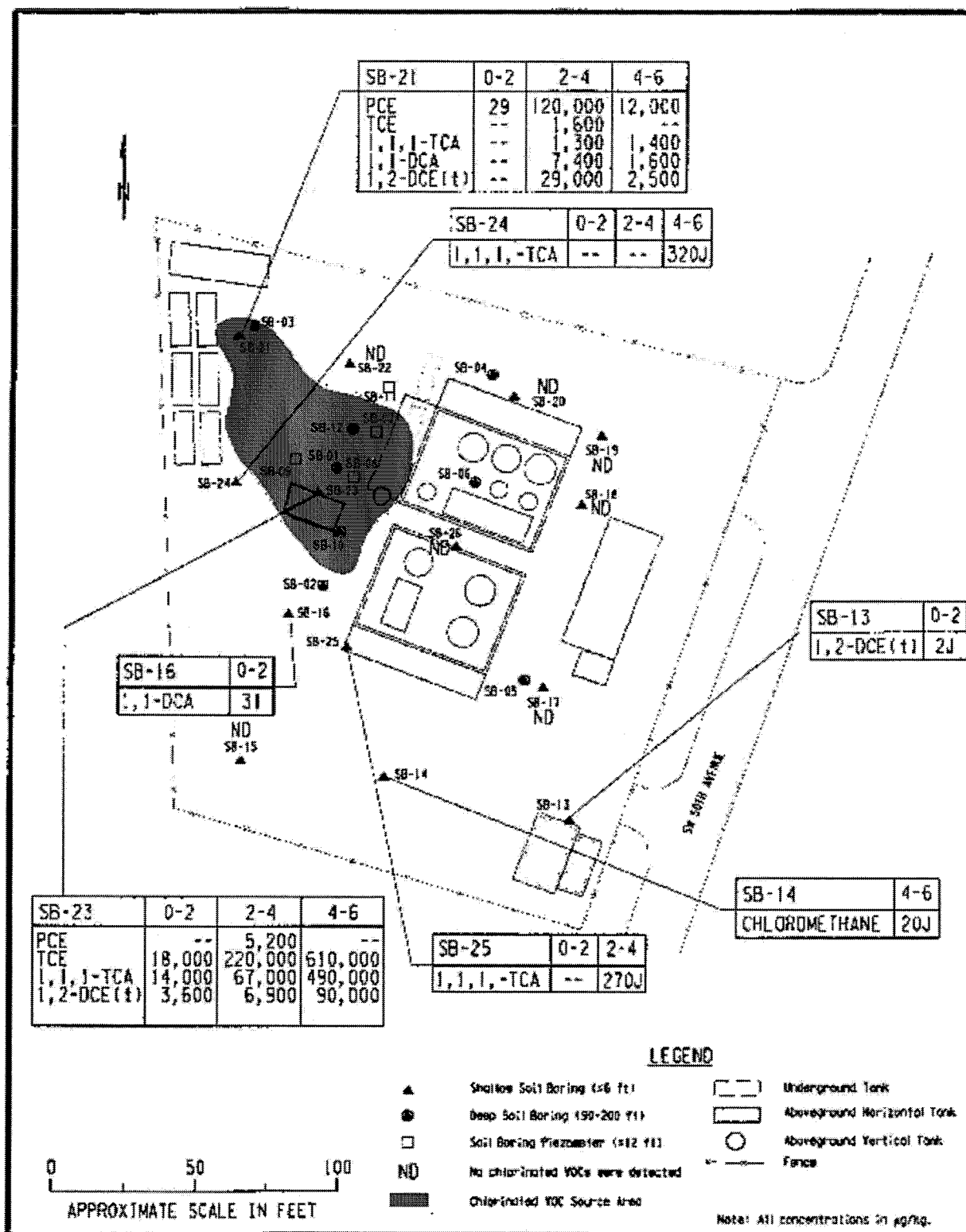
Petroleum contamination in this portion of the Site was most likely associated with an LNAPL plume of waste oil floating on the water table. The thickness of a discrete LNAPL layer was observed during the RI field investigation in piezometers PZ01, PZ11, PZ22, and PZ28, which varied from a thin film in PZ22 to 2.8 feet in PZ11. Although an LNAPL was not observed in





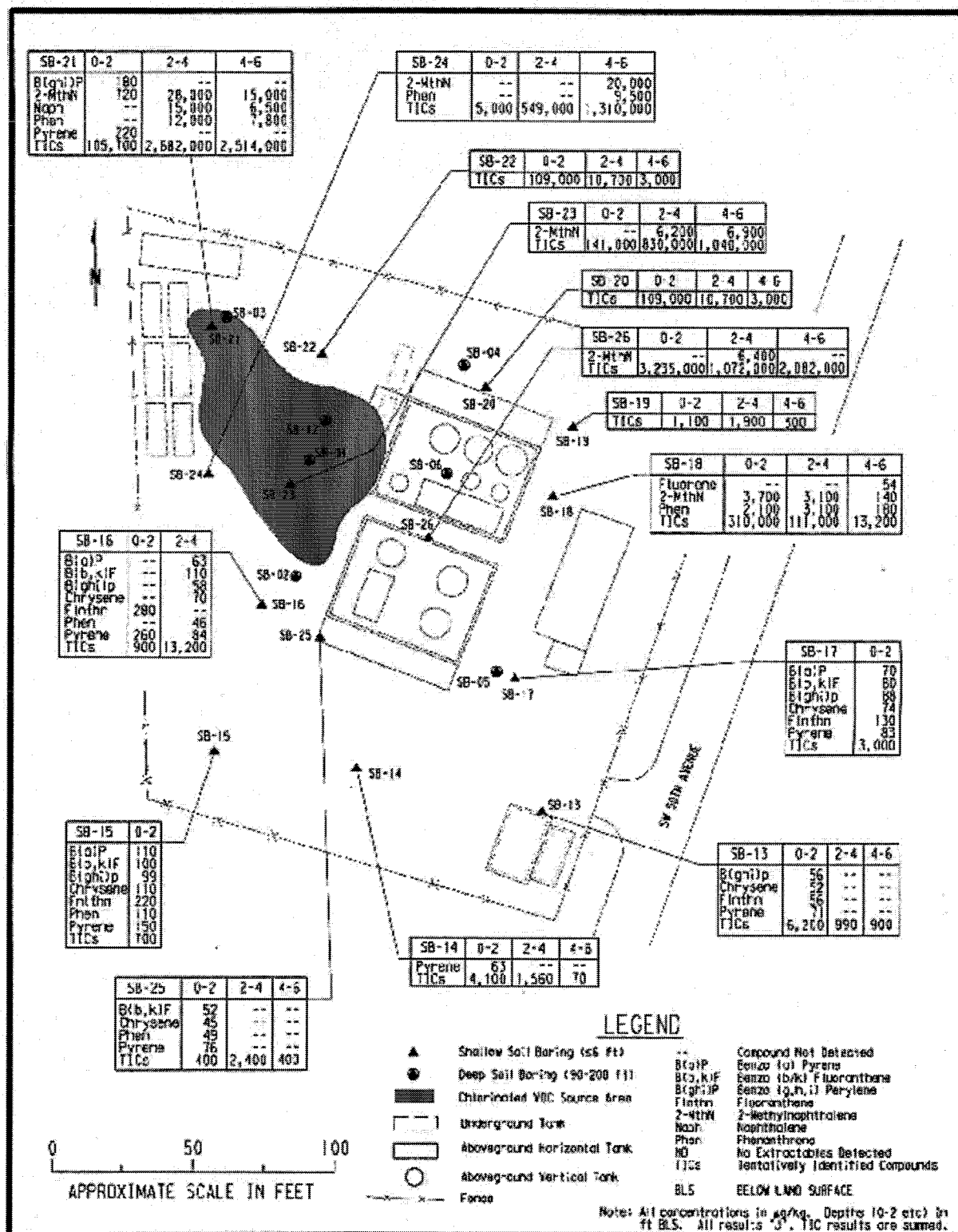
**Figure 4-14**  
**Chlorinated VOC Source Area**  
**Florida Petroleum Reprocessors, Davie, Florida**





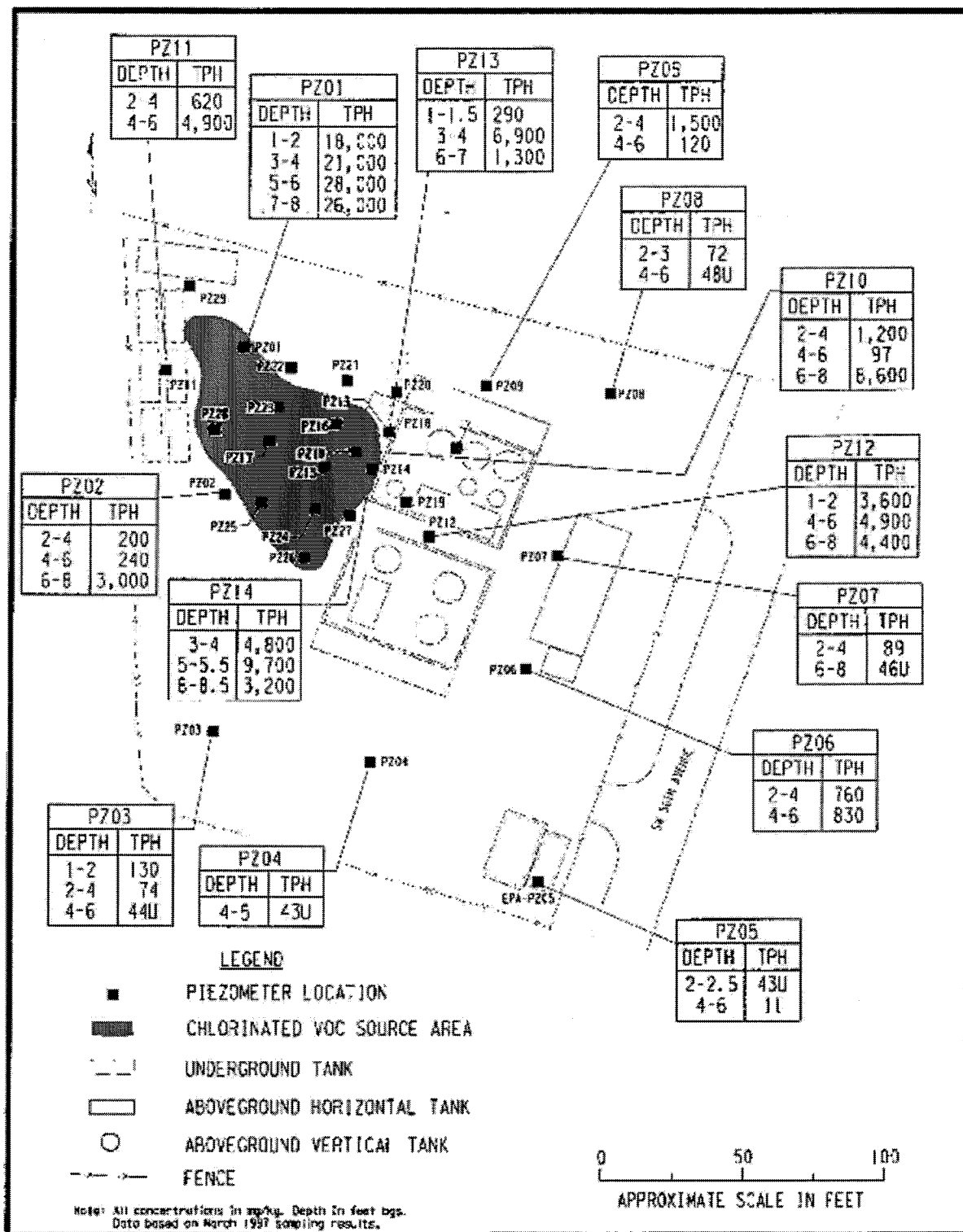
**Figure 4-15**  
**Chlorinated VOCs in Sitewide Soils**  
**Florida Petroleum Reprocessors, Davie, Florida**





**Figure 4-16**  
**Extractable Organics in Sitewide Soils**  
**Florida Petroleum Reprocessors, Davie, Florida**





**Figure 4-17**  
**Total Petroleum Hydrocarbons in Sitewide Soils**  
**Florida Petroleum Reprocessors, Davie, Florida**



other areas of the Site, significant evidence of oil contamination (i.e., staining, odors, oily sheen) was nearly ubiquitous in soil samples collected from the Site, with the exception of samples collected from the Site's southern boundary.

### Source Area Groundwater

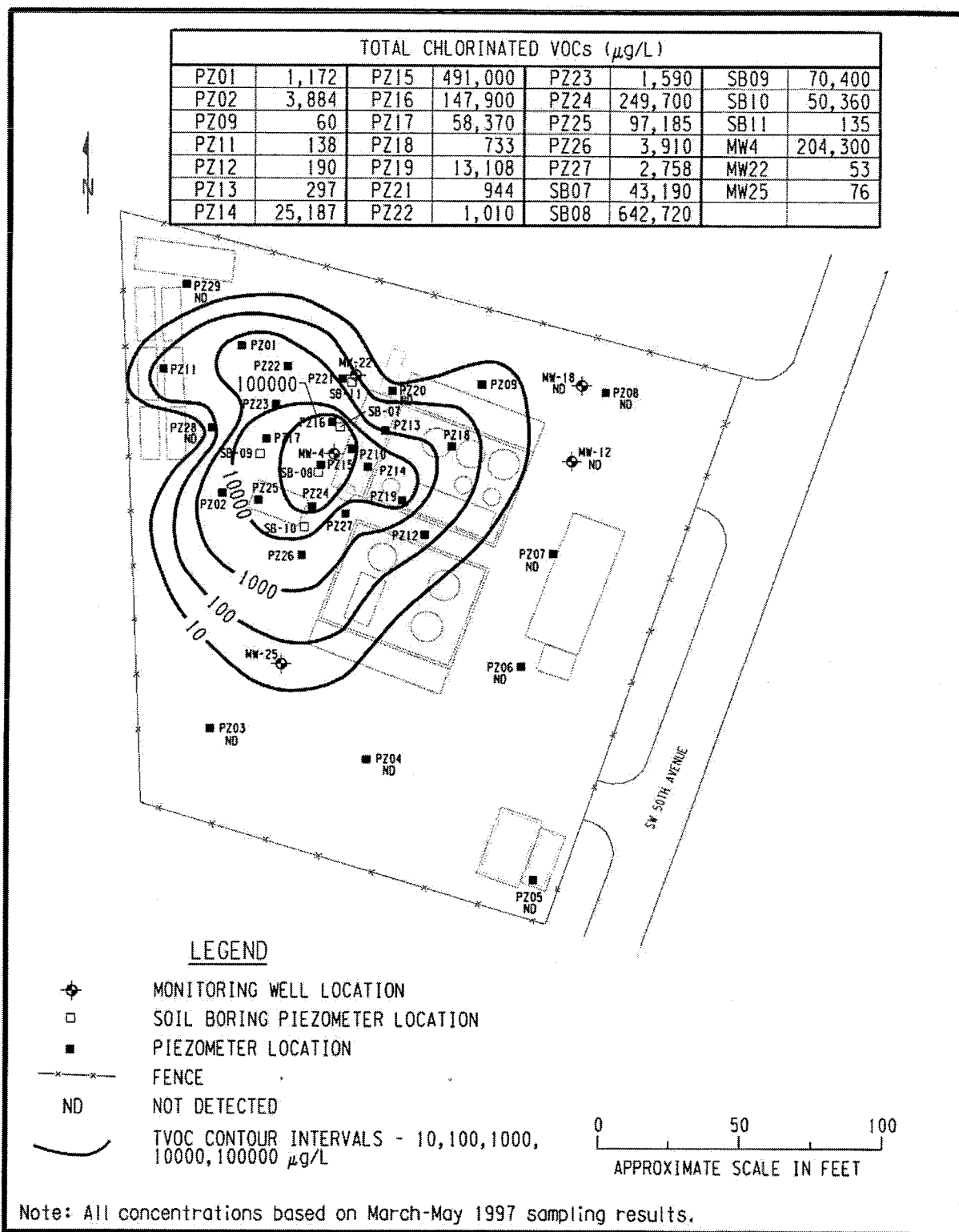
For the purposes of the FS, a TVOC concentration of 1,000 • g/L was selected as the basis for defining the source area groundwater. This definition was based on the assumption that groundwater containing 1,000 • g/L TVOCs represents a plume ("hot spot") capable of functioning as a potentially significant source of contamination for other less-contaminated groundwater. There are no recognized criteria for defining hot spots of contamination; in most cases, the label is applied to discrete areas having significantly higher levels of contamination than surrounding areas. Figure 4-18 shows the distribution of chlorinated TVOCs in groundwater samples from the FPR source area during the RI.

Groundwater samples collected from the source area contained unusually high levels of contamination. The principal contaminants include the waste solvents TCE and 1,1,1-TCA, and their degradation products 1,1-DCA, 1,1-DCE, 1,2-DCE, vinyl chloride, and chloroethane. In contrast to the source area soils, the groundwater samples contain a higher percentage of degradation products. In addition, vinyl chloride and/or chloroethane were present in most groundwater samples, but were noticeably absent from the source area soil samples. BTEX compounds were also detected in the groundwater, but at lower concentrations than in the soil samples. In the RI report, source area groundwater samples were organized into three categories based on sample collection depth: 4 to 12 feet bgs (water table); 20 to 45 feet; and greater than 45 feet. The following discussion is organized in a similar fashion.

The highest concentrations and most frequent detections of chlorinated VOCs were found in samples collected near the water table. The most significant observation from the water quality data is the magnitude of contamination. All sample locations had at least one individual chlorinated VOC exceeding 10,000 • g/L and several locations yielded samples with one or more chlorinated VOCs at concentrations exceeding 100,000 • g/L. Total chlorinated VOCs at these locations ranged from 45,970 to 642,600 • g/L.

The vertical and horizontal distribution of the plume of the source area groundwater contamination is shown in Figure 4-19. As evident from the data presented in this figure, there has been significant vertical migration of contaminants into the Biscayne aquifer. When compared to wells outside the source area, the data indicate that the deeper contamination has also migrated laterally through the more transmissive zones of the aquifer. TCE and 1,1,1-TCA comprise 40 to 60 percent of the total chlorinated VOCs in the deep source area groundwater. In wells beyond the source area, TCE was virtually absent, while 1,1,1-TCA typically comprised 20 percent of the contamination, suggesting that biodegradation is occurring in the deeper portions of the aquifer. However, the effectiveness of the complete biodegradation of the chlorinated VOCs is uncertain given the high levels of vinyl chloride remaining at the Site.

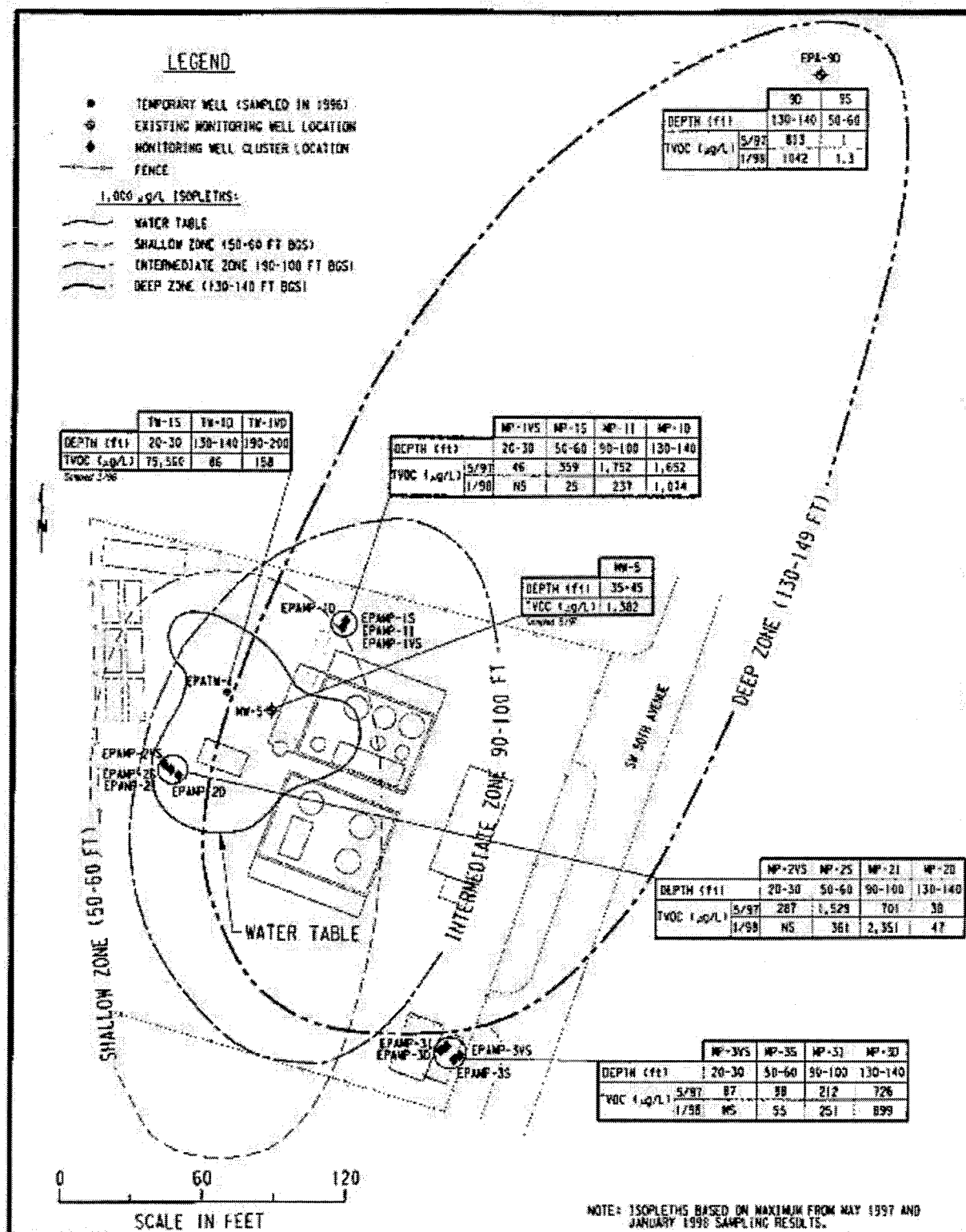




**Figure 4-18**  
**TVOC Plume at Water Table (April 1997)**  
**Florida Petroleum Reprocessors, Davie, Florida**







**Figure 4-19**  
**TVOCs at Depth in Source Area Groundwater**  
**Florida Petroleum Reprocessors, Davie, Florida**



### 4.2.3 Aqueous Plume

In addition to the investigation of the nature and extent of contamination at the FPR facility, another objective of the RI was to investigate nearby areas believed to be impacted by releases from the FPR facility. For the purpose of this discussion the term "aqueous plume" will be used to define groundwater contamination related to releases from the FPR facility that are less than the 1,000 • g/L concentration used to define the groundwater source area.

This investigation included the sampling of groundwater monitoring wells generally located in an area between Peters Road to the north, U.S. Highway 441 to the east, Orange Drive to the south, and the Florida Turnpike to the west. Part of the rationale for investigating such a large area was based on the findings from earlier EPA studies of the Peele-Dixie Wellfield, which indicate that FPR was an apparent source of the wellfield contamination. In addition, investigation of this area provided for the evaluation of other potential sources of contamination of the Peele-Dixie Wellfield.

Evaluation of the aqueous plume of groundwater contamination was based on the results from analyses of samples collected during the RI from 80 monitoring wells and 1 production well. Table 4-3 presents a summary of information on the installation and construction details for these wells. Table 4-9 summarizes the results from analysis of groundwater samples used to evaluate the aqueous plume.

Results from analyses of samples collected in 1997 and 1998 from deep (130 to 140 feet bgs) groundwater monitoring wells document a plume approximately 13,000 feet long, extending from Peters Road to the north almost to Orange Drive to the south. The plume ranges in width from about 4,000 feet south of Oaks Road to about 1,300 feet in the wellfield. The extent of the deep zone of groundwater contamination documented in the RI is shown in Figure 4-20. It should be noted, however, that the full extent of the plume to the southeast, south, and southwest was not documented in the RI. The downgradient extent of the plume is estimated in Figure 4-20. Determination of the downgradient extent of contamination will be established during the remedial design process.

Results from the analyses of samples collected north of the FPR facility confirmed earlier sampling results, indicating widespread contamination in the area between the FPR facility and the Peele-Dixie Wellfield. In contrast to the groundwater at the FPR facility, the composition of the contaminants was primarily degradation products of TCE and 1,1,1-TCA, including 1,1-DCA, 1,2-DCA, 1,1-DCE, and vinyl chloride. A comparison of results from historical groundwater monitoring in the wellfield shows that there has been a steady decline in contaminant levels in the wellfield. Maximum concentrations of chlorinated VOCs declined from several hundred parts per billion in the late 1980s to the low ten of parts per billion in 1997. This significant reduction in contaminant levels is attributable to the interim pumping and treating of groundwater from wells in PW-17 and PW-18 beginning in 1994, and the lack of contributing sources of contamination within the current wellfield pumping influence.



**Table 4-9**  
**Chlorinated VOCs in Off-Site Monitoring Wells (1997 and 1998)**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 1 of 2)

Station	Depth	Date	TCE	1,1-DCA	1,2-DCE	1,1-DCE	Vinyl Chloride	Chloro-ethane	TVOC
EPA-1S	50-60 ft	4/97	--	27	160	30	56	--	273
EPA-1D	130-140 ft	4/97	--	12	84	15	16	--	127
EPA-2S	51-61 ft	4/97	--	2	14	2	--	--	18
EPA-2D	130.8-140.8 ft	4/97	--	--	--	--	--	--	--
EPA-3D	132-142 ft	4/97	--	22	61	10	72	--	165
EPA-4S	51-61 ft	4/97	--	25	68	13	90	10	206
EPA-4D	130.8-140.8 ft	4/97	--	--	--	--	--	--	--
EPA-5S	50.8-60.8 ft	4/97	--	--	--	--	--	--	--
EPA-5D	131-141 ft	4/97	--	3	14	2	5	--	24
EPA-6S	50.8-60.8 ft	4/97	--	--	--	--	--	--	--
EPA-6D	131-141 ft	4/97	--	20	29	5	32	--	86
EPA-7D	130-140 ft	4/97	2	74	78	14	330	--	498
		1/98	--	55	46	9.2	350	--	460
EPA-8VS	9.5-10.5 ft	4/97	--	--	--	--	--	--	--
EPA-8S	50-60 ft	4/97	--	34	19	6	25	--	84
EPA-8D	129.5-139.5 ft	4/97	3	83	140	30	27	--	283
EPA-9S	50-60 ft	4/97	--	--	1	--	--	--	1
		1/98	--	--	--	--	1.3	--	1
EPA-9D	129-139 ft	4/97	6	33	560	94	120	--	813
		1/98	5.8	26	670	140	200	--	1042
EPA-10S	50-60 ft	4/97	3	39	150	26	130	--	348
EPA-10D	130-140 ft	4/97	1	10	51	9	7	--	78
EPA-11D	129.6-139.6 ft	4/97	--	10	52	8	25	--	95
EPA-12S	50.5-60.5 ft	4/97	--	1	7	2	--	--	10
EPA-14S	50-60 ft	4/97	--	39	2	--	28	--	69
		1/98	--	13	1.4	--	17	6.6	38
EPA-14D	130-140 ft	4/97	--	24	18	7	42	--	91
		1/98	--	17	42	9	110	--	178



**Table 4-9**  
**Chlorinated VOCs in Off-Site Monitoring Wells (1997 and 1998)**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 2 of 2)

Station	Depth	Date	TCE	1,1-DCA	1,2-DCE	1,1-DCE	Vinyl Chloride	Chloro-ethane	TVOC
EPA-15S	49-59 ft	4/97	--	--	4	--	--	--	7
		1/98	--	--	2.8	--	--	--	2.8
EPA-15D	128-138 ft	4/97	--	14	48	8	47	--	117
		1/98	1.4	31	81	16	150	--	279
EPA-16S	50-60 ft	4/97	--	--	--	--	--	--	--
		1/98	--	--	--	--	0.54	--	0.5
EPA-16D	129-139 ft	4/97	--	--	--	--	--	--	--
		1/98	--	--	--	--	--	--	--
EPA-17S	50-60 ft	4/97	--	--	--	--	--	--	--
		1/98	--	--	0.69	--	1.8	--	2.5
EPA-17D	132-142 ft	4/97	--	55	28	5	300	--	388
		1/98	--	51	26	5.6	350	--	433
EPA-18S	47-57 ft	4/97	--	--	--	--	--	--	--
		1/98	--	--	--	--	--	--	--
EPA-18D	130-140 ft	4/97	--	10	17	3	32	--	62
		1/98	0.57	8.2	19	3.3	36	--	67
EPA-19D	130-140 ft	1/98	0.71	25	34	6.3	110	--	176
EPA-20D	125.5-135.5 ft	1/98	--	10	14	2.7	49	--	76
EPA-21S	50-60 ft	1/98	--	--	--	--	--	--	--
EPA-21D	130-140 ft	1/98	--	22	26	6	250	--	304
EPA-22D	129.5-139.5 ft	1/98	--	74	110	21	490	--	695
DW2D	130-140 ft	4/97	--	--	7	--	--	--	7
DW4D	130-140 ft	4/97	--	--	9	--	--	--	9
DW19D	130-140 ft	4/97	--	2	10	1	--	--	13

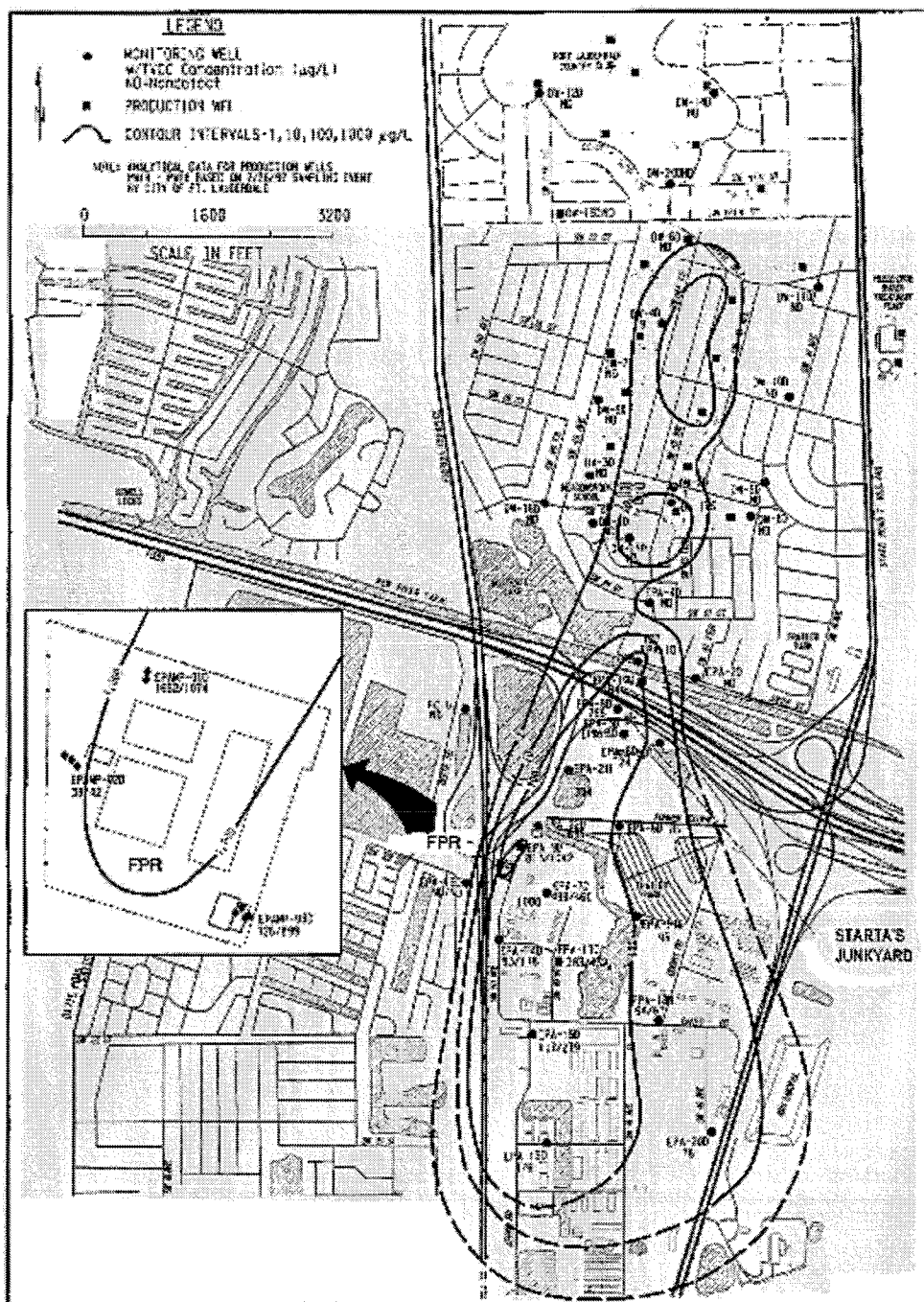
All concentrations in • g/L.

-- = Compound not detected.

DW wells shown above were the only wells of this group containing chlorinated VOCs.

Complete analytical results from the April 1997 and January 1998 sampling events are presented in Appendix R of the 1998 RI by Bechtel.





**Figure 4-20**  
**Total VOCs in Deep Zone Groundwater (1997 and 1998)**  
**Florida Petroleum Reprocessors, Davie, Florida**



Analytical results from wells south and east of the FPR facility indicate a plume of deep groundwater contamination similar to those detected at the facility and the Peele-Dixie Wellfield. The most commonly detected contaminants were 1,1-DCA, 1,2-DCE, and vinyl chloride. At the time of the RI in 1998, the highest concentration reported in this part of the plume was for vinyl chloride (330 • g/L in EPA-7D). Overall, vinyl chloride detected in the southeast area of the Site was much more prevalent and present in higher concentrations than those observed in samples from north of FPR. Resampling of the plume in January 2000 indicated that the levels of vinyl chloride had decreased (260 • g/L in EPA-7D).

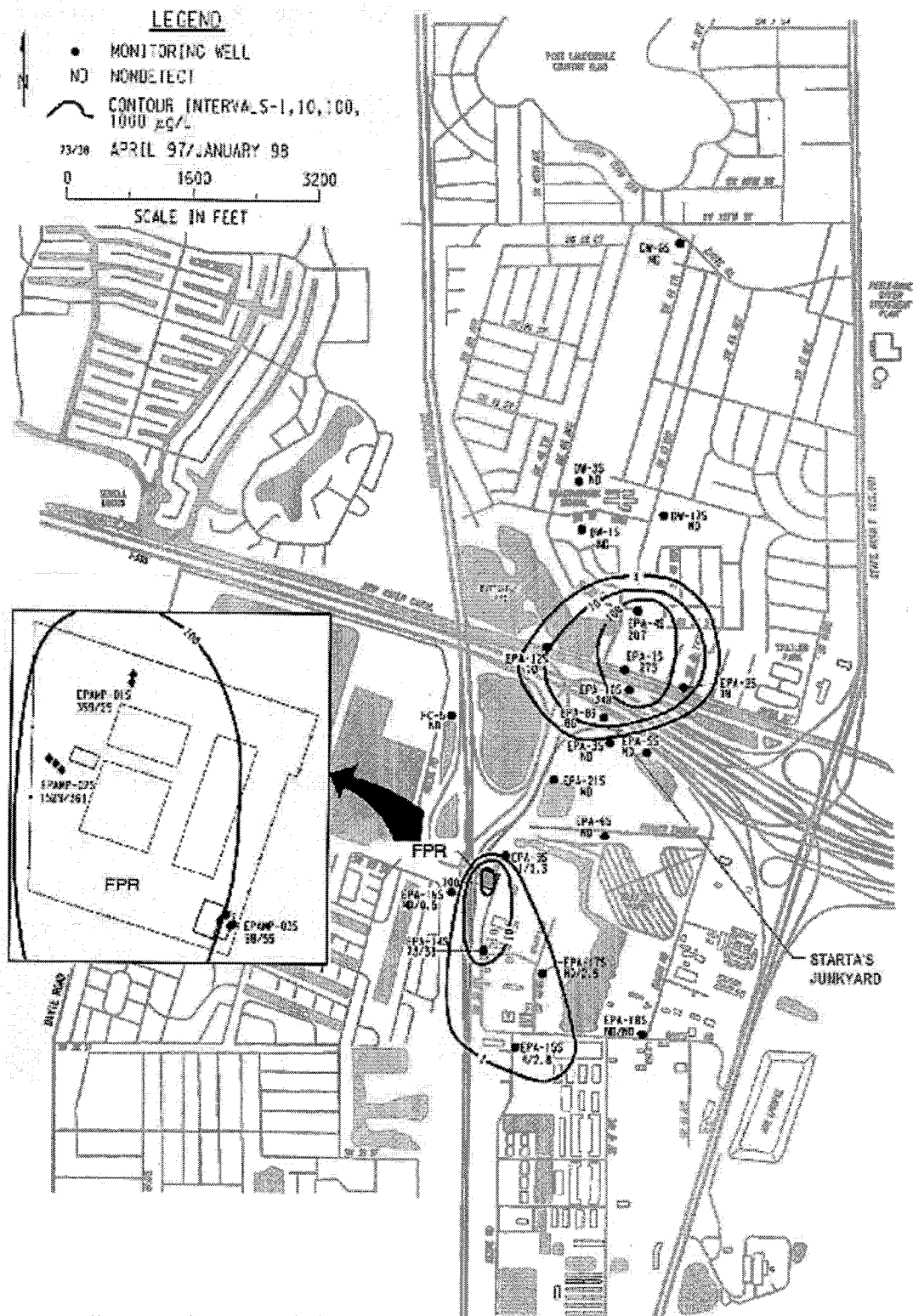
In contrast to the decrease in contaminant levels in the Peele-Dixie Wellfield, there has not been a distinguishable trend of decreasing contaminant levels south of the FPR facility. This is attributable to an active source of contamination at the FPR facility. If the FPR source area were no longer active, contaminant levels would have been expected to decrease similar to those observed in the Peele-Dixie Wellfield. Continuing releases of contaminants from the FPR facility would explain the widespread distribution of relatively high levels of contamination (e.g., 432 • g/L TVOCs in well EPA-17D located more than 1,400 feet south of the FPR facility and 176 • g/L TVOCs in EPA-19 located more than 3,600 feet south of the facility). Nevertheless, it is anticipated that the source area will be addressed by a second soil removal action currently underway and a groundwater removal planned for fall of 2000.

A review of the results from analyses of groundwater samples collected from the shallow (i.e., 50 to 60 feet bgs) zone of the aquifer reveal two separate, much less extensive plumes of groundwater contamination. The extent of the shallow groundwater contaminant plumes is shown on Figure 4-21. The RI discusses in detail the reason for this significant difference in the pattern of contamination from the deeper zone of contamination. The two plumes are believed to be an indication of two separate sources of groundwater contamination. The shallow plume at the FPR facility indicates that there has been minor lateral dispersion of contamination from the facility in comparison to the lateral spread of contamination in the deeper portion of the aquifer. This difference is attributable not only to a downward vertical gradient, but also to significantly higher horizontal flow zones in the lower portion of the aquifer.

The second plume of shallow groundwater contamination is believed to be related to a source of groundwater contamination located along the former State Route 84 corridor. This area has since been covered by the expansion of I-595 and related exit/entrance ramps. A review of historical aerial photographs and state records indicates an automotive junkyard known as Starta's

Junkyard, and later known as Motor City Auto Parts, operated at this location from 1965 until 1984. A comparison of the groundwater data collected from shallow and deep well clusters located in the vicinity of the I-595 shallow plume indicates that this contamination has migrated downward, co-mingling with the deep plume of groundwater contamination from the FPR facility. Thus, any action to address the FPR-related plume will also address the groundwater contamination for the Starta's Junkyard.





**Figure 4-21**  
**Chlorinated VOCs in Shallow Zone Groundwater (1997 and 1998)**  
**Florida Petroleum Reprocessors, Davie, Florida**



In an effort to reassess the current extent of groundwater contamination and to aid in the evaluation of potential groundwater removal actions, Golder Associates collected groundwater samples from monitoring wells throughout the aqueous plume in January 2000. The groundwater results showed a general decrease in groundwater contaminant levels at the facility and areas northward of the facility. Groundwater contaminant levels generally increased in wells south of the FPR facility, indicating a southward migration of the plume. A summary of the groundwater data is provided in Table 4-10. The extent of the shallow and deep groundwater plumes is shown in Figures 4-22 and 4-23.

#### **4.2.4 Other Groundwater Sources Investigated**

In addition to the characterization of the nature and extent of contamination associated with the FPR facility and its impact on the Peele-Dixie Wellfield, the RI investigated other sources of potential contamination to the wellfield, including a former dump, a residential area, two resource recovery facilities, four other waste oil facilities, and a residential area. This investigation included the review of state and local file information and, in some cases, the collection of additional data. Figure 4-7 shows the location of additional sources considered. While it appears that there are other sources of groundwater contamination to the Biscayne aquifer, they are very shallow, and negligible in size in comparison to contamination at the FPR facility. The results of the investigation of other areas of potential contamination are discussed in the following text.

##### **Broward County 21st Manor Dump**

The 21st Manor Dump is a former borrow pit that was used by the Broward County School Board from the 1950s to 1960s to dispose of trash and debris. The former Dump is located approximately 500 feet west of PW-18, and has since been filled in, and partially covered with the construction of 21st Manor and the adjacent Meadow Brook Elementary School. Extensive studies were conducted to assess the nature and extent of contamination and the relationship of the dump to the wellfield contamination. As part of the investigation, 25 boreholes were installed, along with the collection of over 50 subsurface soil and 13 groundwater samples, to determine if the dump represented a significant source of chlorinated VOCs that could be contributing to the contamination detected in the Peele-Dixie Wellfield. Of all the samples collected from within the waste material, none contained any detectable levels of chlorinated VOCs. Surface soil samples collected near the 21st Manor Dump did indicate the presence of toluene. A detailed summary of results of the investigation of the dump may be reviewed in the following reports by NUS: the site screening inspection (1988), special soils study (1989), and listing site inspection (1990).

##### **Residential Sources**

As part of the early RI investigations of the Peele-Dixie Wellfield, numerous residents in the vicinity of the wellfield were interviewed to determine if any automotive repair activities may have been conducted at a residence located in the wellfield. It was theorized that the spent solvents used to degrease automobile parts could have been discharged on the ground, in a septic





**Table 4-10**  
**Summary of VOCs in Groundwater (January 2000)**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 1 of 2)

Monitoring Well ID	Screened Interval (ft bls)	Concentration (* g/L)											
		Benzene	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Toluene	Tetrachloroethene	Trichloroethene	1,1,1-Trichloroethane	Vinyl chloride	VOC Summation
Off-Site Wells													
EPA-1S	50-60	nd	5.4	nd	9.8	56	nd	nd	nd	nd	nd	59	130
EPA-1D	130.2-140.5	nd	nd	nd	6.2	37	nd	nd	nd	nd	nd	6.5	50
EPA-2S	50.8-60.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-2D	130.8-140.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-3D	131.8-141.8	nd	nd	nd	nd	7.2	nd	nd	nd	nd	nd	4.8	12
EPA-4S	50.8-60.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-4D	130.8-140.8	nd	nd	nd	nd	25	nd	nd	nd	nd	nd	2.4	27
EPA-5S	50.8-60.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-5D	130.8-140.8	nd	nd	nd	nd	6.0	nd	nd	nd	nd	nd	1.4	7
EPA-6S	50.8-60.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-6D	130.8-140.8	nd	nd	8.0	6.3	35	nd	nd	nd	nd	nd	40	89
EPA-7D	130-140	nd	nd	44	6.2	28	nd	nd	nd	nd	nd	260	338
EPA-8VS	9.5-19.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-8S	50-60	nd	nd	32	nd	64	nd	nd	nd	nd	nd	210	306
EPA-8D	129.5-139.5	nd	nd	nd	nd	250	nd	nd	nd	nd	nd	150	400
EPA-9S	50-60	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-9D	129-139	nd	nd	nd	80	370	nd	nd	110	nd	nd	160	720
EPA-10S	50-60	nd	nd	13	5.4	35	nd	nd	nd	nd	nd	77	130
EPA-10D	130-140	nd	nd	nd	6.7	43	nd	nd	nd	nd	nd	10	60
EPA-11D	129.6-139.6	nd	nd	17	13	79	nd	nd	nd	nd	nd	49	158
EPA-12S	50.5-60.5	nd	nd	nd	nd	5.2	nd	nd	nd	nd	nd	nd	5
EPA-14S	50-60	nd	9.9	25	nd	11	nd	nd	nd	nd	nd	56	102
EPA-14D	130-140	nd	nd	20	nd	38	nd	nd	nd	nd	nd	120	178
EPA-15S	49-59	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-15D	128-138	nd	nd	40	15	74	nd	nd	nd	nd	nd	200	329
EPA-16S	50-60	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-16D	129-139	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-17S	50-60	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.2	1

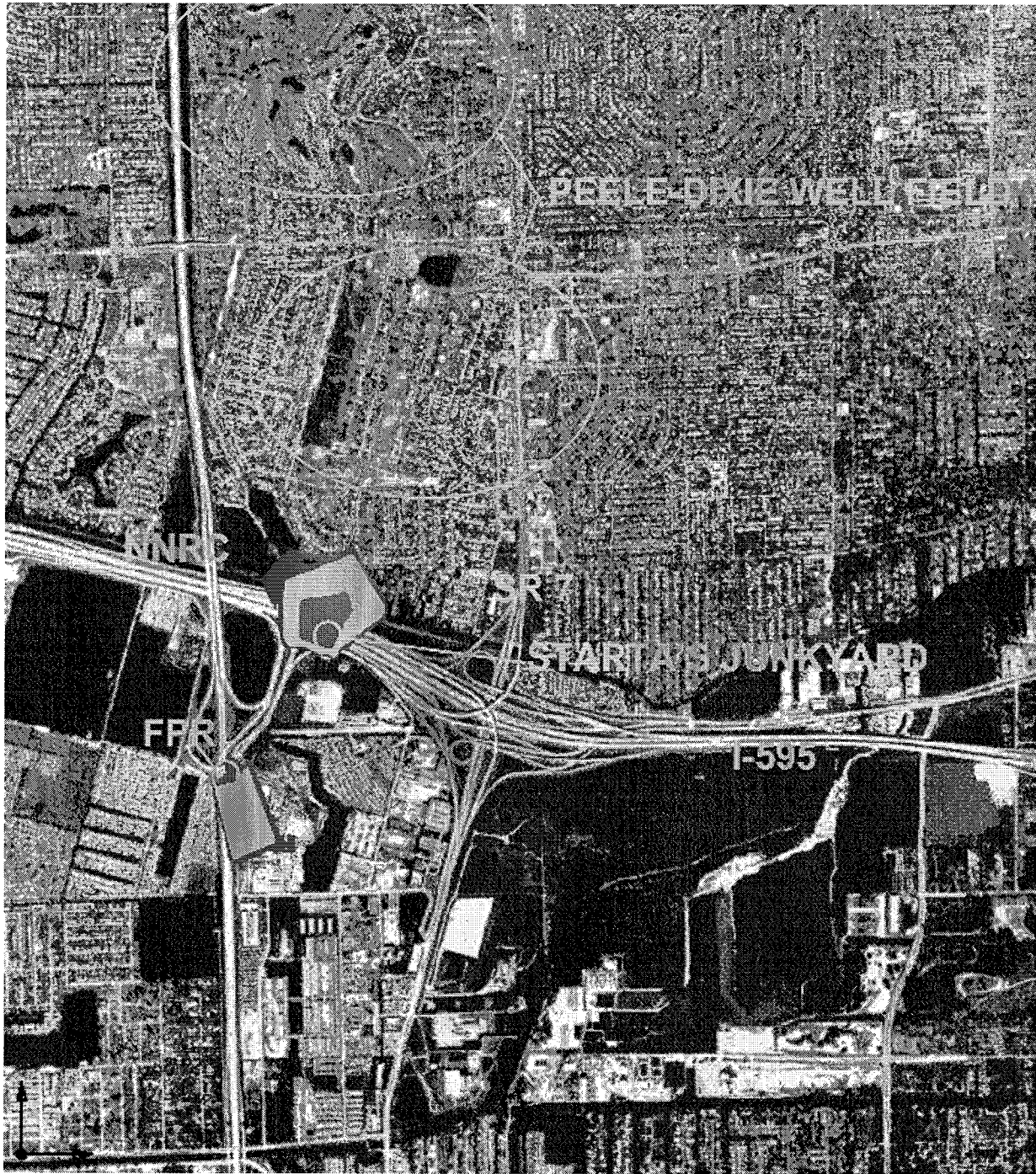


**Table 4-10**  
**Summary of VOCs in Groundwater (January 2000)**  
**Florida Petroleum Reprocessors, Davie, Florida**

(Page 2 of 2)

Monitoring Well ID	Screened Interval (ft bls)	Concentration (* g/L)											VOC Summation
		Benzene	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Toluene	Tetrachloroethene	Trichloroethene	1,1,1-Trichloroethane	Vinyl chloride	
EPA-17D	132-142	nd	nd	50	6.5	36	nd	nd	nd	nd	nd	280	373
EPA-18S	47-57	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-18D	130-140	nd	nd	9.9	nd	22	nd	nd	nd	nd	nd	38	70
EPA-19D	130-140	nd	nd	39	nd	41	nd	nd	nd	nd	nd	200	280
EPA-20D	125.5-135.5	nd	nd	11	nd	19	nd	nd	nd	nd	nd	52	82
EPA-21S	50-60	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
EPA-21D	130-140	nd	nd	nd	nd	27	nd	nd	nd	nd	nd	110	137
EPA-22D	129.5-139.5	nd	nd	71	nd	64	nd	nd	nd	nd	nd	400	535
<b>On-Site Wells</b>													
EPAMP-1VS	20-30	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	2.8	3
EPAMP-1S	49-59	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	3.4	3
EPAMP-1I	90.5-100.5	nd	nd	13	nd	8.3	nd	nd	nd	nd	11	13	45
EPAMP-1D	130-140	nd	nd	5.9	27	120	nd	nd	nd	nd	nd	88	241
EPAMP-2VS	20-30	nd	10	20	nd	nd	nd	nd	nd	nd	nd	2.0	32
EPAMP-2S	50-60	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.7	2
EPAMP-2I	90-100	nd	nd	31	nd	nd	nd	nd	nd	nd	14	15	60
EPAMP-2D	129.5-139.5	nd	nd	nd	nd	8.2	nd	nd	nd	nd	nd	8.8	17
EPAMP-3VS	19.5-29.5	nd	18	20	nd	nd	nd	nd	nd	nd	nd	14	52
EPAMP-3S	49.5-59.5	nd	nd	14	nd	8.8	nd	nd	nd	nd	15	17	55
EPAMP-3I	89-99	nd	nd	41	6.0	7.6	nd	nd	nd	5.7	nd	68	128
EPAMP-3D	129-139	nd	nd	nd	27	130	nd	nd	nd	nd	nd	90	247
FPR-1	20-30	nd	30	160	nd	nd	nd	nd	nd	nd	57	9.6	257
SMW-1	2.5-12.5	nd	6.9	41	nd	5.7	nd	8.3	nd	nd	nd	31	93
SMW-2	2.5-12.5	nd	nd	170	nd	nd	nd	nd	nd	nd	nd	340	510
SMW-3	2.5-12.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
SMW-4	2.5-12.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.2	1
SMW-5	2.5-12.5	nd	320	820	nd	2000	nd	nd	nd	71	1300	1500	6011
MW-18	3.0-13	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
MW-22	3.0-13	nd	nd	42	nd	21	nd	nd	nd	7.8	17	6.6	94





LEGEND: Red > 100 ppb; lt. blue 10 to 100 ppb; dk. blue < 10 ppb

**Figure 4-22**  
**Shallow VOC Plume**  
**Florida Petroleum Reprocessors, Davie, Florida**





LEGEND: Red > 100 ppb; lt. blue 10 to 100 ppb; dk. blue <10 ppb

**Figure 4-23**  
**Deep VOC Plume (January 2000)**  
**Florida Petroleum Reprocessors, Davie, Florida**



tank, or into a storm drain. From the survey, it was reported that discharges of wastes from automotive repairs to a nearby storm drain may have occurred from the residence located at the southwest corner of 43rd Terrace and SW 22nd Court. The drain was sampled, however, and was found to contain no detectable levels of chlorinated VOCs. The results from this effort is discussed in detail in the 1994 Peele-Dixie Wellfield preliminary site characterization report by Bechtel.

### **National Resource Recovery (a.k.a. Atlas Waste Magic/Atlas Metals)**

National Resource Recovery is located at 3250 SW 50th Avenue, Davie, Florida, (immediately east of the FPR facility) and is currently occupied by Atlas Waste Magic, a recycling and construction/demolition disposal debris facility. Approximately 20 acres of the property are used for recycling and the remaining 11 acres consist of a lake that is being filled with construction debris. Mounds of wood and vegetative compost from the operations have been deposited to the north of the facility. The Atlas Metals site has a long history of compliance problems with the FDEP and the Broward County Department of Natural Resources Protection, primarily associated with the management of the facility and odors associated with the composting operations. Independent of the FPR RI, EPA conducted a site investigation in June 1996 and found no significant levels of chlorinated VOCs in any of the soil and groundwater sampled. Contaminants detected primarily included metals, extractable organic compounds, and pesticides. Results from the investigation may be found in the 1997 Atlas Metals site investigation report by Black & Veatch Special Projects Corporation.

### **Wheelabrator South Broward, Inc.**

In the late 1980s, Broward County contracted with subsidiaries of Wheelabrator Environmental Systems, Inc. to design, construct, and operate two waste-to-energy plants to provide an environmentally safe and cost-effective solid waste disposal solution; recover energy and recyclable ferrous metals; and reduce the quantity of waste subject to landfilling. The south plant opened in 1991 and is located at 4400 South State Road 7, 1.4 miles southeast of the FPR facility. As part of the FPR RI, several wells that are part of the plant's groundwater monitoring network were sampled, and no significant levels of chlorinated solvents were detected.

### **Perma-Fix Environmental Services, Inc.**

Perma-Fix is located at 3701 SW 47th Avenue, approximately 0.4 miles southeast of the FPR facility. The Perma-Fix facility receives, filters, separates, blends, and temporarily stores used oils for subsequent resale, primarily as fuel. The facility also has the capability for the treatment of oil contaminated wastewater.

As part of the FPR RI, samples were collected from eight water table wells at the facility. Results from analyses indicated negligible contamination from chlorinated VOCs in comparison to contamination detected at the FPR facility. TCE, 1,2-DCE, and vinyl chloride were detected in samples collected from the facility in 1998 at concentrations ranging from 1 to 20 • g/L. Annual groundwater monitoring results from 1997 only indicated the presence of vinyl chloride at concentrations ranging from 2 to 177





- g/L. Table 4-11 includes a comparison of the MCLs detected at the FPR facility and Perma-Fix (and the other waste oil facilities investigated).

At the time of the collection of the groundwater samples in 1998, operations at the Perma-Fix facility appeared to be relatively clean. Prior to the sampling, however, a spill occurred at the facility in October 1996 as a result of vandalism. The spill was quickly recovered, as is apparent from the subsequent groundwater monitoring, which did not disclose any significant groundwater contamination by chlorinated VOCs.

### **Petroleum Management, Inc.**

The offices for PMI are located at 4700 Oaks Road, and the facility is located on SW 47th Avenue, adjacent to the southern property boundary of Perma-Fix. The PMI facility also handles used oil and reportedly conducts or supports a variety of environmental cleanup activities, such as the removal of underground tanks and contaminated soils. During the FPR field investigation, an attempt was made to sample PMI groundwater monitoring wells. However, these wells were not functioning properly and could not be sampled. Discussions with Broward County indicated that this facility is currently regulated under the county's waste oil program and they do not believe that PMI is a significant source of chlorinated VOC contamination. That assessment is consistent with the lack of significant groundwater contamination detected in shallow monitoring wells installed in the vicinity of the PMI facility during the FPR RI.

### **Neff Oil & Cramer-Maurer Oil Pit**

Neff Oil and Cramer-Maurer Oil Pit are two former waste oil facilities located at 3830 and 3820 SW 47th Avenue, Davie, Florida, respectively. Available file information indicates that Neff Oil reportedly operated a short term, small quantity waste oil storage facility during the 1970s and 1980s. Immediately south of Neff Oil was Cramer-Maurer Oil Pit. Cramer-Maurer Oil Pit was constructed in 1975 for the storage of waste oil and tank bottoms, but was also reportedly used for the discharge of waste materials from Neff Oil. This pit was the former location of a plastic-lined aboveground waste oil pit approximately 110 feet square and 5 feet deep. The Neff Oil operations were conducted on property leased from Joey Danielle, while the oil pit was located partially on property owner by Cramer-Maurer and Madeline Woo and Associates.

Based on available file information, Neff Oil and Cramer-Maurer Oil Pit appear to have been closed under FDER and Broward County Environmental Quality Control Board oversight in the mid-1980s and 1993, respectively. While both facilities contained extensive petroleum-related contamination associated with waste oils, analyses of soil and groundwater samples collected from these facilities did not contain significant levels of chlorinated VOCs. The highest level of chlorinated VOCs reported from either facility was 55 • g/kg of PCE detected in a soil sample collected during an EPA site investigation in 1987. As a result of the minimal chlorinated VOC contamination, neither facility is considered to be a contributor of the chlorinated VOC groundwater contamination detected during the FPR RI.



**Table 4-11**  
**Selected Maximum Chlorinated VOCs & Other Nearby Oil Facilities**  
**Florida Petroleum Reprocessors, Davie, Florida**

Contaminant	Fla. Petroleum Reprocesors	Perma-Fix, Inc.	Cramer Maurer Oil	Neff Oil	Petroleum Mgt., Inc.
PCE	260	ND/ND	ND	ND	NA
TCE	100,000	1/ND	ND	ND	NA
1,2-DCE	270,000	5/ND	3	1	NA
Vinyl Chloride	18,000	20/177	ND	43	NA

Notes:

- 1 - First value is EPA data collected in January 1998 and part of the RI by Bechtel. Second value is from Perma-Fix sampling of facility in March 1997.



## **5.0 CURRENT AND POTENTIAL FUTURE SITE AND RESOURCE USES**

The FPR Site, including the FPR facility and aqueous plume, encompasses a large area that includes a mixture of industrial, commercial, and residential land uses. Much of this land has already been developed.

Contamination from the Site and the Site remedy itself are expected to have little effect on the current or potential future surface uses of surrounding land. Once the ongoing removal action is complete in the spring of 2001, the FPR facility should be available for reuse of the landsurface. Activities could not affect the underlying groundwater.

The main effect from this Site is on current and future drinking water resources. Releases of contaminants from this facility have severely impacted the Biscayne aquifer, a sole source of drinking water for Dade and Broward counties. Locally, the Site has impacted the Peele-Dixie Wellfield, thus impairing the City of Fort Lauderdale's ability to operate its water supply system in an efficient manner. While the City has been able to continue to maintain a safe drinking water supply and serve its current water demand, future changes in population growth and competition with agriculture, industry, and the environment for limited water uses could impair the City of Fort Lauderdale's ability to meet its future water supply demands.

## **6.0 SUMMARY OF SITE RISKS**

As part of the RI, EPA conducted a baseline risk assessment (BRA) for the FPR Site to evaluate the probability and magnitude of potential adverse effects on human health and the environment associated with actual or potential exposure to site-related chemicals. The human health risk assessment (HHRA) and the ecological risk assessment (ERA) are discussed in the following sections.

As outlined in the text, the primary driver for the BRA was the potential for future exposures to contaminated groundwater. No significant human health or ecological risk as a result of exposure to contaminated soil was documented. In addition to the potential risk to human health from future groundwater exposures, significant exceedances of drinking water regulatory standards and criteria for protection of groundwater from the leaching of contaminants from soil were documented as part of the RI. Because the significant exceedances of regulatory standards weighed heavily in the formulation of the basis for undertaking a response action at the FPR Site, only a brief summary of the results from the risk assessment is provided in the ROD. For a detailed discussion of the scope, health criteria, and results of the BRA, the final RI report should be consulted.

### **Human Health Risk Assessment**

The HHRA was performed to evaluate the potential human health effects associated with chemical contamination from past operations at the FPR Site. For the purposes of the HHRA, groundwater analytical results were evaluated in three data groupings (i.e., On-Site Wells; EPA,





Perma-Fix, and Davie Concrete Wells; and Peele-Dixie Wellfield and Wheelabrator Wells). Surface soil, subsurface soil, surface water, and sediment were each grouped into "Sitewide" data groupings. Potential risks associated with exposures to surface water were not calculated in the HHRA since no chemicals of potential concern (COPC) were selected for this medium.

The HHRA was performed for both current and future land-use conditions. Under current land-use conditions, trespasser exposures to surface soil sediment via incidental ingestion, dermal absorption, and inhalation (surface soil only) were evaluated. Under future land-use conditions, excavation worker exposures to subsurface soil via incidental ingestion, dermal absorption, and inhalation were evaluated, and Site worker exposures to groundwater via ingestion and surface soil via incidental ingestion, dermal absorption, and inhalation were evaluated. In addition, adult and child resident exposures to both groundwater and surface soil via ingestion, dermal absorption, and inhalation (excluding inhalation of chemicals in groundwater by child residents) were evaluated. Child resident exposures to sediment via incidental ingestion and dermal absorption were also evaluated.

Upper-bound excess lifetime cancer risks and noncancer hazard indices (HIs) were estimated for each of the exposure pathways according to the data groupings previously described. These estimates were based on all COPCs selected for each data grouping, except for chemicals for which toxicity criteria were unavailable. A summary of upper-bound excess lifetime cancer risks and HIs for all exposure pathways evaluated in the HHRA, along with the predominant chemicals associated with each pathway, is presented in Table 6-1.

The risk characterization results showed unacceptable risks (i.e., upper-bound excess lifetime cancer risks exceeding the upper limit of EPA's target risk range for health protectiveness at Superfund sites [ $1 \times 10^{-4}$ ] and/or noncancer HIs greater than 1) for each of the groundwater data groupings evaluated in the HHRA. As described in the following text, the greatest cancer and noncancer risks were associated with the On-Site Wells and EPA, Perma-Fix, and Davie Concrete Wells data groupings.

In the On-Site Wells data grouping, all total cancer risks estimates based on Site worker, adult resident, and child resident exposures to groundwater were above the  $1 \times 10^{-4}$  risk level for all pathways. Noncancer HIs were significantly greater than 1 for all pathways and receptors, with the exception of inhalation by future adult residents. Cancer risks in the On-Site Wells data grouping were primarily associated with exposures to vinyl chloride and 1,1-DCE, while noncancer hazards were primarily associated with 1,2-DCE (total), cis-1,2-DCE, 1,1,1-TCA, and TCE.

In the EPA, Perma-Fix, and Davie Concrete Wells data grouping, total cancer risk estimates based on Site worker, adult resident, and child resident exposures to groundwater were above or at the high end of the target risk range for all pathways and receptors. Noncancer HIs were less than 1 for all pathways except the child resident groundwater ingestion pathway, for which the HI only slightly exceeded 1. Cancer risks in the EPA, Perma-Fix, and Davie Concrete Wells data grouping were primarily associated with exposures to vinyl chloride.



**Table 6-1**  
**Summary of Risks and Cumulative Risk Estimates**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

(Page 1 of 2)

Receptor/Pathway	Cancer Risk	Predominant Chemicals <sup>a</sup>	Noncancer Hazard Index	Predominant Chemicals <sup>a</sup>
<b>Future Land-Use Conditions</b>				
<b>Adult Resident</b>				
Groundwater (On-Site Wells)				
Ingestion	$5 \times 10^{-2}$	Benzene, 1,1-DCE, bis-(2-ethylhexyl)phthalate, N-nitrosodi-n-propylamine, PCE, TCE, vinyl chloride	200	1,1-DCA, 1,1-DCE 1,2-DCE (total), cis-1,2-DCE, 1,1,1-TCA, TCE
Dermal	$3 \times 10^{-3}$	1,1-DCE, bis-(2-ethylhexyl)phthalate, N-Nitroso-di-n-propylamine, PCE, TCE, vinyl chloride	20	1,2-DCE (total), cis-1,2-DCE, 1,1,1-TCA, TCE
Inhalation	$6 \times 10^{-3}$	Benzene, chloroform, 1,1-DCE, TCE, vinyl chloride	1	<sup>b</sup>
Groundwater (EPA, Perma-Fix, and Davie Concrete Wells)				
Ingestion	$1 \times 10^{-3}$	Benzene, bromodichloromethane, 1,1-DCE, 1,1,2,2-PCA, vinyl chloride	$<1 (8 \times 10^{-1})$	--
Dermal	$6 \times 10^{-5}$	1,1-DCE, vinyl chloride	$<1 (3 \times 10^{-2})$	--
Inhalation	$2 \times 10^{-4}$	Benzene, chloroform, 1,1-DCE, 1,1,2,2-PCA, vinyl chloride	$<1 (6 \times 10^{-2})$	--
Groundwater (DW and Wheelabrator Wells)				
Ingestion	$8 \times 10^{-6}$	1,1-DCE	1	Iron
Dermal	$7 \times 10^{-7}$	<sup>b</sup>	$<1 (1 \times 10^{-2})$	--
Inhalation	$2 \times 10^{-6}$	1,1-DCE	--	--
Surface Soil				
Incidental Ingestion	$2 \times 10^{-5}$	Arsenic	$<1 (4 \times 10^{-2})$	--
Dermal Contact	$5 \times 10^{-6}$	Benzo(a)pyrene, arsenic	$<1 (8 \times 10^{-2})$	--
Inhalation	$2 \times 10^{-5}$	Arsenic	--	--
<b>Cumulative Risk<sup>c</sup></b>	<b><math>6 \times 10^{-2}</math></b>		<b>220</b>	



**Table 6-1**  
**Summary of Risks and Cumulative Risk Estimates**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

(Page 2 of 2)

Receptor/Pathway	Cancer Risk	Predominant Chemicals <sup>a</sup>	Noncancer Hazard Index	Predominant Chemicals <sup>a</sup>
<b>Future Land-Use Conditions</b>				
<b>Child Resident</b>				
Groundwater (On-Site Wells)				
Ingestion	$2 \times 10^{-2}$	Benzene, 1,1-DCE, N-nitroso-di-n-propylamine, PCE, TCE, vinyl chloride	500	1,1-DCA, 1,1-DCE 1,2-DCE (total), cis-1,2-DCE, 1,1-TCA, TCE, iron
Dermal	$9 \times 10^{-4}$	1,1-DCE, bis(2-ethylhexyl)phthalate, N-nitroso-di-n-propylamine, PCE, TCE, vinyl chloride	40	1,2-DCE (total), cis-1,2-DCE, 1,1,1-TCA, TCE
Groundwater (DW and Wheelabrator Wells)				
Ingestion	$4 \times 10^{-6}$	1,1-Dichloroethene	3	Iron
Dermal	$3 \times 10^{-7}$	--	<1 ( $3 \times 10^{-2}$ )	--
Surface Soil				
Incidental Ingestion	$4 \times 10^{-6}$	TCE, Arsenic	<1 ( $4 \times 10^{-1}$ )	--
Dermal Contact	$2 \times 10^{-6}$	--	<1 ( $1 \times 10^{-1}$ )	--
Inhalation	$3 \times 10^{-6}$	Arsenic	--	--
Sediment				
Incidental Ingestion	$1 \times 10^{-6}$	Benzo(a)pyrene	<1 ( $5 \times 10^{-4}$ )	--
Dermal Contact	$9 \times 10^{-7}$	--	<1 ( $2 \times 10^{-4}$ )	--
<b>Cumulative Risk<sup>c</sup></b>	<b><math>2 \times 10^{-2}</math></b>		<b>550</b>	

<sup>a</sup> For carcinogenic compounds, the predominant chemicals that had a chemical-specific cancer risk greater than or equal to  $1 \times 10^{-6}$ . For noncarcinogenic compounds, the predominant chemicals had a hazard quotient greater than or equal to 1 for a specific target organ.

<sup>b</sup> The cancer risk for each COPC was  $< 1 \times 10^{-6}$  or the hazard quotient for each COPC was  $< 1$ .

<sup>c</sup> Since it is unlikely that an individual at the FPR Site would be exposed to groundwater in all of the data groupings, only the on-site wells data grouping, which presents the greatest potential risk due to exposures to groundwater, was used to determine cumulative risks.



In the Peele-Dixie Wellfield and Wheelabrator Wells data grouping, all cancer risk estimates based on Site worker, adult resident, and child resident exposures to groundwater were less than or equal to  $4 \times 10^{-6}$ , which is at the low end of EPA's target risk range for health protectiveness at Superfund sites. Noncancer HIs were less than or equal to 1 for all pathways except the child resident groundwater ingestion pathway, for which the HI slightly exceeded 1. Cancer risks in the Peele-Dixie Wellfield and Wheelabrator Wells data grouping were primarily associated with exposures to 1,1-DCE.

Total cancer risk estimates based on exposures to surface soil, subsurface soil, and sediment at the FPR Site were typically at the low end of or below EPA's target risk range, with the exception of the inhalation of COPCs in soil. The noncancer HIs associated with exposures to surface soil, subsurface soil, and sediment were all less than 1.

In summary, the BRA found that the only pathway of concern involved ingestion, inhalation, or dermal absorption of contaminated groundwater (on-site and off-site) by Site workers or residents under the future land-use scenarios. Based on this finding, contaminated groundwater represents the exposure pathway of concern for the FPR Site.

### **Ecological Risk Assessment**

An ERA was performed as part of the BRA to evaluate potential ecological effects associated with chemical contamination from past operations at the FPR facility. The habitat quality at the Site has been degraded to the extent that few ecological receptors would inhabit or utilize the Site. Based on an analysis of the wildlife species potentially occurring at the FPR facility and the COPCs in the environmental media, the following endpoints were selected for evaluation in the ERA: adverse effects to aquatic life from exposure to chemicals in sediment; and adverse effects to aquatic life from exposure to chemicals in surface water. The following general conclusions were made regarding the Site's potential for adverse effects on ecological receptors.

Terrestrial wildlife are not expected to be at risk of experiencing adverse effects from any COPCs detected in surface soil at the FPR facility or COPCs detected in surface water and sediment in the nearby (off-site) wetlands associated with the Turnpike drainage system. The primary basis for this conclusion is that use of these areas, especially the FPR facility, by wildlife is expected to be minimal given the habitat limitations and the relatively small area. In addition, the industrial nature of the Site would preclude most terrestrial plants and soil invertebrates from inhabiting it.

The results of the sediment analysis indicate a potential for carbon disulfide, benzo(a)pyrene, chrysene, fluoranthene, pyrene, gamma-chlordane, arsenic, iron, and lead to adversely affect benthic life. Most of these chemicals exceeded the toxicity reference value (TRV) at two of the three sample locations in the Turnpike drainage wetlands. However, the conservative nature of the TRV suggests that the potential for adverse effects to benthic organisms has been overestimated. The sediment data also suggest that some of the COPCs detected at concentrations with the potential to adversely affect benthic organisms may have originated partially or wholly from sources other than the FPR Site (i.e., highway and past



agricultural activities). Most of the COPCs with environmental effects quotients (EEQs) greater than or equal to one were detected at higher concentrations in the upgradient drainage ditch.

The results of the surface water analysis indicate that manganese is the only inorganic surface water COPC in the off-site wetlands that has the potential to adversely affect aquatic life. However, the magnitude of the EEQ also suggests that potential for adverse effects to aquatic life from manganese would be limited. Maximum concentrations of manganese were at or above the TRV in both the upgradient stream and the wetlands, suggesting sources of manganese other than or in addition to the FPR facility. No organic COPCs were detected in wetland surface water samples or in the North New River Canal. The absence of site-related contamination in the canal indicates that any discharge of contaminated groundwater from the FPR/Peele-Dixie Wellfield plume apparently has no impact on water quality in the canal.

## **7.0 REMEDIAL ACTION OBJECTIVES**

A summary of the RAOs for this Site includes:

- Restore the aquifer by reducing contaminant levels to drinking water standards (i.e., federal and state MCLs) within a reasonable time frame.
- Contain or minimize the future migration of the plume.
- Maximize protection of the Peele-Dixie Wellfield as soon as possible such that the use of this public resource may resume at levels consistent with pre-1986 conditions.

These RAOs are established based on the fact that the contaminants that have migrated from this facility have impacted a large portion of the Biscayne aquifer. The Biscayne aquifer is a sole source drinking water supply for Dade and Broward counties. Due to its importance as a drinking water resource and its vulnerability to contamination, this aquifer has been federally classified as a “sole source aquifer.” Releases primarily from the FPR facility and the I-595 secondary source area are believed to have impacted the Peele-Dixie Wellfield, a municipal drinking water supply north of the Site, in the past. This contamination has diminished the value and use of the sole source resource and, if not addressed, will continue to impair the City of Fort Lauderdale’s municipal water system.

Attainment of these RAOs will reduce contaminant levels in the Biscayne aquifer to within MCLs in a reasonable period of time, thus providing unlimited use of this sole source aquifer. A secondary benefit is that the City of Fort Lauderdale will also be able to begin unrestricted reuse of the southern portion of the wellfield without the potential for further contamination of the wellfield from the FPR facility and I-595 secondary source area.

## **8.0 DESCRIPTION OF ALTERNATIVES**

### **8.1 Description of Remedy Components**

The following sections provide a brief summary of the remedies evaluated in the FSA report dated June 2000 and the major components of each of the remedies. As discussed in the FSA, these alternatives



are intended to address threats solely posed by contaminated groundwater. Threats posed by contaminated soils have either been eliminated in 1999 or are being addressed through a removal action that is to be implemented in the fall of 2000.

#### **8.1.1 No Action - Alternative GW1**

- Natural Attenuation
- No Monitoring
- No Contingent Alternatives.

#### **8.1.2 Monitored Natural Attenuation - Alternative GW2**

- Natural attenuation of groundwater contaminants throughout the groundwater plume that exceed MCLs
- Reduced contaminant levels through natural intrinsic biological and chemical processes, as indicated by results from the RI
- Long-term groundwater monitoring to ensure attainment and long-term compliance with MCLs
- Long-term groundwater monitoring to ensure that the groundwater plume is degraded and does not pose a threat to other drinking water resources.

#### **8.1.3 Source Remediation and Monitored Natural Attenuation - Alternative GW3**

##### **Source Remediation**

- Groundwater recovery via extraction wells at FPR facility
- Limited groundwater recovery (i.e., 100 gallons per minute) designed to capture highly contaminated groundwater that represents an ongoing source of contaminants to the Biscayne aquifer
- On-site treatment of contaminated groundwater via air stripping
- On-site disposal of treated groundwater.

##### **Monitored Natural Attenuation**

- Natural attenuation of groundwater contaminants throughout the Site groundwater plume that exceed MCLs
- Reduced contaminant levels through natural intrinsic biological and chemical processes, as indicated by results from the RI
- Long-term groundwater monitoring to ensure attainment and long-term compliance with MCLs.
- Long-term groundwater monitoring to ensure that the groundwater plume is degraded and does not pose a threat to other drinking water resources.



#### **8.1.4 Source Remediation, Wellfield Protection, and Monitored Natural Attenuation - Alternative GW4**

##### **Source Remediation**

- Groundwater recovery via extraction wells at FPR facility.
- Limited groundwater recovery (i.e., 100 gallons per minute) designed to capture highly contaminated groundwater that represents an ongoing source of contaminants to the Biscayne aquifer
- On-site treatment of contaminated groundwater via air stripping
- On-site disposal of treated groundwater.

##### **Wellfield Protection**

- Plume containment using a hydraulic containment barrier or similar demonstrated technology to create and maintain separation between the Peele-Dixie Wellfield and the northern portion of the plume, which exceeds MCLs
- Extraction wells south of I-595 to obtain water for the creation of the hydraulic containment barrier
- Treatment, as necessary, for the reinjection of groundwater necessary to form the barrier
- Injection wells north of I-595 to create the hydraulic containment barrier
- Long-term monitoring of groundwater gradients, contaminants, and other parameters as appropriate
- Evaluation and possible implementation of innovative technologies that may provide a comparable or higher degree of performance, and that are as, or more cost-effective than the demonstrated technology in containing or preventing the contamination from migrating northward into the Peele-Dixie Wellfield.

##### **Monitored Natural Attenuation**

- Natural attenuation of groundwater contaminants throughout Site groundwater plume that exceeds MCLs
- Reduced contaminant levels through natural intrinsic biological and chemical processes, as indicated by results from the RI
- Long-term groundwater monitoring to ensure attainment and long-term compliance with MCLs
- Long-term groundwater monitoring to ensure that the groundwater plume is degraded and does not pose a threat to other drinking water resources.

#### **8.2 Common Elements and Distinguishing Features of Each Alternative**

With the exception of the No-Action Alternative (GW1), each of the alternatives is designed to be protective of human health and the environment and compliant with applicable or relevant and appropriate requirements (ARARs). The remaining alternatives, monitored natural attenuation (MNA)



(GW2), Source Remediation and MNA (GW3), and Source Remediation, Wellfield Protection, and MNA (GW4), are similar in nature in that they are all designed to reduce VOC contaminant levels within the aquifer to within MCLs. The main difference between the alternatives is the cost, the amount of time required to achieve MCLs, and degree of protection being provided to the Peele-Dixie Wellfield while the groundwater remediation is ongoing. In general, as the amount of time decreases for groundwater cleanup and the degree of wellfield protection increases, the cost of the overall cleanup increases. Section 9.0 of this ROD will include an analysis of the alternatives that attempts to balance the differences in cleanup times, cost, protection of human health, attainment with ARARs, and wellfield protection with increases in cost.

### **Applicable or Relevant and Appropriate Requirements**

The primary ARARs that must be complied with are federal and state MCLs. Although modeling predictions indicate that the No-Action Alternative would eventually comply with MCLs through natural intrinsic chemical and biological degradation processes, the remedy would include no groundwater monitoring to ensure that the MCLs are met within the predicted time frame or that the plume would not threaten other drinking water resources prior to attainment of MCLs.

Alternatives GW2, GW3, and GW4 would all include MNA as a basic component of the remedy. Groundwater monitoring would provide data necessary to assess the performance of the remedy and to ensure that the plume did not threaten other drinking water resources. In the event that the remedy did not perform as anticipated, groundwater monitoring would serve as an “early warning” notice so that other protective measures could be employed.

Alternatives GW3 and GW4 would incorporate the pumping and treating of groundwater at the FPR facility. Groundwater modeling estimates suggest that the collection and treatment of highly contaminated groundwater at the FPR facility will reduce the period of time in which MCLs are met for the overall plume by about 50 percent.

Alternative GW4 includes a unique component in that containment measures would be taken south of the wellfield to protect the wellfield. For planning purposes, it is assumed that a hydraulic containment barrier would be implemented in the vicinity of the North New River Canal. This barrier would serve to protect the wellfield from further contamination from the northern portion of the plume, including the secondary source area and the FPR facility, which exceeds primary drinking water standards. While implementation of a containment system would not necessarily reduce the period of time for attainment of MCLs throughout the aqueous plume, it would prevent the northward migration of the plume, thus significantly reducing the threat to the Peele-Dixie Wellfield.

### **Long-Term Reliability**

The No-Action Alternative would not include any provisions for long-term monitoring and, therefore, could not be assessed for long-term reliability or whether contingent remedies might need to be implemented.





Each of the other alternatives, GW2, GW3, and GW4, would include provisions for long-term monitoring to provide data that could be used to assess the long-term performance of the remedy. Long-term monitoring would also provide data that could be used to monitor the need for the implementation of other treatment measures in the event that the selected remedy was not performing as planned or other drinking water resources were potentially threatened.

Alternatives GW3 and GW4 would be expected to further increase the long-term reliability of the remedy, since they would both incorporate the pumping and treating of groundwater at the FPR facility. Remediation of the source area would be expected to further increase the long-term reliability by reducing the mass of contaminants that otherwise would need to be addressed through natural attenuation processes.

Finally, Alternative GW4 would incorporate an even higher level of long-term reliability through the installation of a containment system near the Peele-Dixie Wellfield. Use of protective measures near the wellfield would further reduce the potential for further contamination of the wellfield and significantly shorten the period of time the wellfield would need to operate in a reduced state of pumping.

### Quantity of Untreated Waste or Treatment Residuals

Each of the alternatives, including the No-Action Alternative, involves the treatment of contaminated groundwater through intrinsic natural chemical and biological processes. Based on groundwater modeling predictions, each of the alternatives would be expected to eventually result in the treatment of all contaminants and would not leave any untreated waste or treatment residuals. As discussed previously, the main distinction among the alternatives is the amount of time and costs required for the treatment of the groundwater to occur to attain MCLs.

### Estimated Time for Design and Construction

In general, beginning with the No-Action Alternative, GW1, the alternatives increase in terms of the amount of time required for design and construction. This is primarily due to the increase in complexity of the alternatives. Following is a summary of the estimated time for design and construction of the remedies.

Remedy	Est. Design Time <sup>1</sup>	Est. Const. Time	Total Implementation Time
GW1 - No Action	0	0	0
GW2 - MNA	3	1	4
GW3 - Source Remediation & MNA	4	3	7
GW4 - Source Remediation, Wellfield Protection & MNA	6	6	12

Notes: <sup>1</sup> - Time estimates in number of months.



## Estimated Time to Reach Remediation Goals

As discussed previously, one of the primary differences among the alternatives is the estimated time needed to achieve MCLs and the degree of protection provided to the wellfield during the restoration efforts of the Biscayne aquifer. Following is a summary of the estimated cleanup times.

Remedy	Est. Time to MCLs <sup>1</sup>	Est. Time of Restricted Wellfield Pumping <sup>2</sup>
GW1 - No Action	27	10
GW2 - MNA	27	10
GW3 - Source Remediation & MNA	15	10
GW4 - Source Remediation, MNA, and Wellfield Protection	15	2

Notes:

<sup>1</sup> - Time estimates in number of years.

<sup>2</sup> - Estimated time required for wellfield to remain in a reduced state of pumping, until contaminant levels are reduced to a point that they no longer pose a threat of recontamination of the wellfield if pumping is increased.

## Estimated Costs

Another area of difference among the alternatives is the estimated costs of remediation. A summary of the estimated costs expressed in terms of capital cost (i.e., the cost of construction), long-term cost, annual O&M cost, and the total present worth cost of the remedy follows. The total present worth cost of a remedy represents the total costs of construction and long-term operation and maintenance multiplied by a discount factor that takes into account the amount of interest earned. This cost assumes that the total amount of capital and O&M costs needed for the remedy are invested and dispersed over time. The discount rate used in the calculation of the total present worth costs was 7 percent. Following is a summary of the estimate costs.

Remedy	Capital Cost	Avg. Annual O&M	Total Present Worth Cost
GW1 - No Action	0	0	0
GW2 - MNA	\$98,000	\$53,232	\$846,000
GW3 - Source Remediation & MNA	\$436,000	\$197,431	\$2,287,000
GW4 - Source Remediation, Wellfield Protection & MNA	\$1,062,000	\$272,657	\$3,970,000



## **Use of Presumptive Remedies or Innovative Technologies**

In general, each of the alternatives would rely on the use of reliable demonstrated technologies. Each of the alternatives would incorporate natural attenuation, which has been shown to be effective in the treatment of VOCs present in the groundwater at the FPR Site. Alternatives GW3 and GW4 would incorporate pumping and treating technologies that also have been shown to be effective in the remediation of VOC contaminated groundwater. GW3, Source Remediation, and GW4, which incorporates contaminant containment technology for wellfield protection, are the only alternatives that provide for the possible use of innovative technologies.

Alternative GW4 would provide for the protection of the Peele-Dixie Wellfield through the construction of a containment system that would separate the contaminants that exceed primary drinking water standards in the northern portion of the plume, the secondary source area, and the FPR facility from the wellfield. For planning and cost estimate purposes, it was assumed that a hydraulic containment barrier, which has been shown to be effective in the control of groundwater flow, would be used to create the containment system. However, there may be other innovative technologies (i.e., metal-enhanced reductive dechlorination, hydrogen-release compounds, or enhanced bioremediation) or wellfield protection system that could be used to create a containment system that would provide an equivalent or superior degree of performance and/or cost-effectiveness than a conventional hydraulic containment barrier. Treatability studies would need to be conducted during the remedial design to evaluate the potential applicability of such innovative technologies and systems.

### **8.3 Expected Outcomes of Each Alternative**

Each of the alternatives are expected to eventually result in the reduction of contaminant levels in the aquifer to within MCLs. At that point, use of the Biscayne aquifer would no longer be impaired due to contamination from the FPR Site and the secondary source area. As noted earlier, the main difference among the alternatives is the rate at which contaminants are reduced to within MCLs. As contaminants in the groundwater are reduced to MCLs, the groundwater would be available for use. Groundwater modeling estimates indicate that the outer boundaries of the plume would achieve MCLs first, with the area closest to the FPR facility taking the longest amount of time to reach MCLs.

Alternative GW4 would provide an added benefit in that it would incorporate a containment system that would prevent the wellfield from recontamination from the northern portion of the plume, including the second source area and the FPR facility. This would allow the City of Fort Lauderdale to begin the process of increasing the pumping from the Peele-Dixie Wellfield to attain pre-1986 pumping rates. Alternatives GW1 through GW3 would require that the wellfield remain in a reduced state of pumping until such time as groundwater contaminant levels were reduced in the wellfield to a point they no longer posed a threat to the wellfield.



## 9.0 COMPARATIVE ANALYSIS OF ALTERNATIVES

The following text summarizes the comparative analysis of alternatives presented in the FSA using the nine criteria established in Title 40 Code of Federal Regulations (CFR) Section 300.430(e)(9)(iii). This summary documents the key points used in the selection of the remedy for the Site. It is based on a comparison of the relative performance of the alternatives relative to the nine criteria defined in the following paragraphs.

In developing an overall Site remedy, EPA considered alternatives that provide the best balance and value among the nine criteria for achieving the protection of human health and the environment and that comply with ARARs. Since the No-Action Alternative would not meet the threshold criteria of protection of human health and the environment and compliance with ARARs, it is not included in the evaluation of alternatives.

These alternatives are summarized and analyzed using the threshold and balancing criteria provided in 40 CFR 300.430(e)(9)(iii), which include overall protection of human health and the environment and compliance with ARARs. In order for an alternative to be considered for selection, it must meet these two threshold criteria.

Five balancing criteria used to identify and balance the trade-offs among alternatives include the following:

- Long-term effectiveness and permanence
- Reduction in toxicity, mobility, and volume of contaminants through treatment
- Short-term effectiveness
- Implementability
- Cost.

Two modifying criteria included in 40 CFR 300.430(e)(9)(iii) are state and community acceptance. These are used to further evaluate and distinguish between alternatives that may otherwise achieve a comparable level of protection, compliance with ARARs, and cost.

Each of the groundwater alternatives would be required to meet both federal and state drinking water standards for all VOCs related to releases from the FPR Site and secondary sources. Upon attainment of these standards, the remedy would be deemed complete. Chemicals of concern that would be monitored during the action include PCE, TCE, 1,1,1-TCA, 1,1-DCA, 1,2-DCE, 1,1-DCE, and vinyl chloride.

### 9.1 Threshold Criteria

#### 9.1.1 Overall Protection of Human Health and the Environment

This criterion addresses whether or not a remedy provides adequate protection and describes how risks posed through each pathway are eliminated, reduced, or controlled through treatment, engineering controls, or institutional controls.



Each of the three active remedial alternatives, GW2, GW3, and GW4, would be protective of human health and the environment. A significant primary difference among the alternatives is the rate at which the alternatives achieve protection and the level of protection of the Peele-Dixie Wellfield. Alternatives GW3 and GW4 would incorporate collection and treatment of contaminated groundwater at the FPR facility to further reduce the mass of contamination at the facility and accelerate the attenuation of the plume of contamination. The estimated time for attainment of MCLs for alternatives GW3 and GW4 is 15 years. Without the collection and treatment of contaminated groundwater at the source area, MNA would be expected to achieve MCLs within about 27 years.

Alternative GW4 would incorporate a containment system near the Peele-Dixie Wellfield that would allow for the increased pumping of the wellfield after its installation. Alternatives GW2 and GW3 would require that the wellfield remain in a restricted state of pumping until such time as contaminants in the vicinity of the North New River Canal had been reduced to levels that no longer pose a threat to the wellfield. Groundwater modeling estimates indicate that Alternatives GW2 or GW3 would take approximately 10 years to reduce contaminant levels in the vicinity of the wellfield before pumping in the wellfield could resume at historical levels.

### **9.1.2 Compliance with Applicable or Relevant and Appropriate Requirements**

This criterion addresses whether or not a remedy will meet all of the applicable or relevant and appropriate requirements of other federal and state environmental statutes and/or provide grounds for invoking a waiver.

As with protection of human health and the environment, each of the active remedial alternatives, GW2, GW3, and GW4, would comply with ARARs. While certain state and federal regulations would need to be followed during the implementation of the remedy, state and federal drinking water standards would be the primary ARAR for determining the effectiveness and completion of the remedy. Based on attainment of MCLs, Alternatives GW3 and GW4 would be expected to attain ARARs in the shortest period of time. Alternative GW2, which would rely on MNA alone, would be expected to take roughly twice as long as Alternatives GW3 and GW4 to reduce contaminant levels to MCLs.

## **9.2 Primary Balancing Criteria**

### **9.2.1 Long-Term Effectiveness and Permanence**

This criterion refers to the magnitude of residual risk and the ability of a remedy to maintain reliable protection of human health and the environment over time once cleanup goals have been met.

Alternative GW4 would be expected to offer the greatest degree of long-term protection and permanence and it would be greatly shorten the period of time that the City of Fort Lauderdale would have to operate the Peele-Dixie Wellfield on a restricted basis. Alternatives GW4 and GW3 would both accelerate the reduction of contaminants and attainment of MCLs through the collection and



treatment of contaminated groundwater at the FPR source area. While Alternative GW2 would be expected to ultimately reduce the contaminant levels to within MCLs, it would be expected to take twice as long as the other alternatives.

### **9.2.2 Reduction of Toxicity, Mobility, or Volume Through Treatment**

This criterion refers to the anticipated performance of the treatment technologies that may be employed in a remedy.

Alternative GW4 would be expected to offer the highest degree of performance with regard to reducing the toxicity, mobility, and volume of contaminants. Although GW3 and GW4 would both incorporate the collection and treatment of groundwater at the FPR source area, GW4 would be expected to offer a superior level of performance through the installation of a containment system south of the Peele-Dixie Wellfield. Depending on the technology used to contain the contaminants, it would be expected to further reduce the toxicity, mobility, and volume of the plume in the vicinity of the wellfield.

### **9.2.3 Short-Term Effectiveness**

This criterion refers to how quickly the remedy achieves its designed level of protection, as well as the potential adverse impacts on human health and the environment that may occur during construction and implementation of the remedy.

Alternative GW4 would be expected to achieve overall protection at the Site and the Peele-Dixie Wellfield in the shortest period of time. Although attainment of MCLs throughout the entire groundwater plume are estimated to be the same as for GW3, a secondary benefit with Alternative GW4 is that it would significantly expedite the renewed pumping of the Peele-Dixie Wellfield at historical levels.

Alternative GW2, MNA, would be expected to pose the least degree of short-term risks. Since implementation of GW2 would only involve the installation and monitoring of groundwater wells, it would not be expected to pose any short-term risks to workers or the community.

Alternatives GW3 and GW4 would be expected to present a potentially higher degree of short-term risk due to the increased construction activities involved with the construction of the recovery and treatment system. Due to the construction of the containment system, Alternative GW4 would involve the most construction, and would be expected to present the greatest degree of potential short-term risk.

Nevertheless, all of the alternatives would employ standard construction practices that would incorporate health and safety measures to minimize any potential risks to workers or the nearby community that may occur during construction.



#### **9.2.4 Implementability**

This criterion refers to the technical and administrative feasibility of a remedy, including availability of materials and services required for implementation.

Alternative GW2 would be easier to implement, since it would involve the least amount of construction and administrative issues such as access and permits. Alternatives GW3 and GW4 would require a higher degree of effort to install the groundwater recovery and treatment system and hydraulic barrier system. This effort would primarily require additional planning and field construction activities. Incorporation of a containment system in Alternative GW4 would require the greatest degree of planning and field construction.

#### **9.2.5 Cost**

This criterion assesses the capital and O&M costs associated with the proposed remedial alternatives.

The cost of the alternatives increases based on the effort used to improve the effectiveness and performance of the remedy for achieving MCLs in the shortest period of time while minimizing the impact on the Peele-Dixie Wellfield operations. Accordingly, the least costly remedy is Alternative GW2, MNA, at a total present worth cost of \$846,000. The total present worth cost of GW3 is estimated at \$2,287,000. The most expensive alternative is GW4, with a total present worth cost estimated at \$3,970,000.

### **9.3 Modifying Criteria**

#### **9.3.1 State Support/Agency Acceptance**

This criterion indicates whether, based on its review of the RI and FS reports and draft Proposed Plan, the state would be expected to concur with, oppose, or have no comment on the preferred alternative.

EPA has consulted with both the FDEP and South Florida Water Management District (SFWMD) throughout the RI/FS process and in the development of the Proposed Plan. Both FDEP and SFWMD have indicated that they strongly support a cleanup approach that attempts to actively reduce the volume and mobility of contaminants and provides for the rapid protection of the Peele-Dixie Wellfield. If active restoration of the FPR source area and protection of the Peele-Dixie Wellfield are incorporated into the overall Site remedy, FDEP believes that MNA would be an acceptable remedial alternative for the large aqueous plume.

#### **9.3.2 Community Acceptance**

This criterion is assessed in the Responsiveness Summary section of the ROD following the review of public comments on the FS report and Proposed Plan.



Comments received from the community during the comment period and from the public meeting indicate that the community prefers Alternative GW4. This alternative would reduce the amount of time for the groundwater plume to achieve MCLs, and would minimize the amount of time that the Peele-Dixie Wellfield would need to operate in a restricted state of pumping.

In contrast, the PRPs for the Site do not feel that a barrier containment system outlined in Alternative GW4 is needed. The PRPs are of the opinion that pumping at the Peele-Dixie Wellfield could be increased gradually, and that the added expense of constructing a containment barrier system to protect the wellfield is not worth the 10- to 12-year projected reduction in time needed to keep the wellfield in a restricted state of pumping.

## **10.0 PRINCIPAL THREAT**

The NCP establishes an expectation that EPA will use treatment to address the principal threats posed by a site wherever practicable (40 CFR 300.430[a][1][ii][A]). In general, principal threats generally include contaminated liquids, areas with high concentrations of toxic compounds, and highly mobile materials which if not contained in a reliable manner could present a significant threat to human health or the environment should exposure occur.

The principal threats at the FPR Site are considered to be the residual DNAPL present in the subsurface soil at the facility and the associated highly contaminated groundwater in this area. If these contaminants are not addressed, they will continue to pose a long-term threat to the Biscayne aquifer. Plans are currently in place to address the residual DNAPL implemented in November 2000. Thus, that portion of the principal threat has been conceptually addressed.

In addition, highly contaminated groundwater located at the FPR facility and the aqueous plume are considered to represent a principal threat as well. Contamination from this facility has already impacted one municipal drinking water supply and, if not addressed, could pose a long-term threat to the Biscayne aquifer.

## **11.0 SELECTED REMEDY**

### **11.1 Summary of Rationale for the Selected Remedy**

Based on the consideration of the requirements of CERCLA, as amended by SARA, the detailed analysis of the alternatives, and the public comments received on the Proposed Plan, EPA, in consultation with FDEP, has determined that a variant of Alternative GW4 (Source Remediation, Wellfield Protection, and MNA) would be the most appropriate remedy for the Site. Not only will it be effective in reducing groundwater contaminant levels to MCLs in a reasonable period of time, it will also have the secondary effect of protecting the water derived from the southern portion of the Peele-Dixie Wellfield and allowing the City to resume historical pumping of the wellfield on an expedited basis.

EPA believes that Alternative GW4 provides the best balance of “trade-offs” among the nine criteria specified in the NCP. EPA believes that this alternative will be protective of human health and the





environment, comply with ARARs, be cost-effective, and utilize permanent solutions and alternative treatment technologies to the maximum extent practicable. This remedy will also satisfy the statutory preference for treatment. EPA recognizes that there are other alternatives that may be less costly in the short-term, but EPA is concerned that they would not provide the same degree of treatment of the contaminated groundwater.

The scope of the remedy set forth in the Proposed Plan provided for the monitored natural attenuation of the large aqueous plume, the collection and treatment of contaminated groundwater at the FPR facility, and the protection of the Peele-Dixie Wellfield through the containment of the northern portion of the plume via a hydraulic barrier. EPA identified this remedy as its preferred alternative in the Proposed Plan. However, based on comments received during the public comment period and subsequent discussions with all stakeholders involved in this project, EPA determined that while Alternative GW4 was still the most appropriate remedy, a modification to the remedy was appropriate.

This change to the remedy pertains to the treatment of contamination in the northern portion of the groundwater plume and the protection of the southern portion of the Peele-Dixie Wellfield. During the preparation of the FS Addendum and the Proposed Plan (June 2000), EPA developed a remedial alternative that would have the added effect of protecting the Peele-Dixie Wellfield without actually intruding into the wellfield to implement the remedy. This approach was consistent with the City of Fort Lauderdale's concern with being involved in the long-term operation and maintenance of a groundwater recovery and treatment system to remove VOCs from the groundwater in its wellfield. In 1994, the City took the lead to control the spread of VOCs in the Peele-Dixie Wellfield by installing and operating a pump and treat system as part of a removal action.

Shortly after the end of the public comment period on the September 2000 Proposed Plan, the City completed its long-range master plan for the City of Fort Lauderdale's future water needs. From the results of this study the City concluded that the entire volume from the Peele-Dixie Wellfield will be needed meet its water needs. The City concluded that increased pumpage from the wellfield was necessary in the near term, and thus, reconsidered its former position of not wanting to allow the use of the wellfield as a part of a long-term groundwater remediation system for the FPR site. The City advised EPA that while it still supports the remedial approach contained in Alternative GW4, it believes that the pumping and treating of water collected at the Peele-Dixie Wellfield entails a remedy that is more protective and quicker to implement.

EPA received other comments that suggested the most cost-effective approach to treat the groundwater and protect the wellfield would be to install and operate an air stripping system at the wellfield to treat contamination that may result from the renewed historical pumping of the wellfield. The comments also noted that this approach would provide a secondary, although important, benefit to the City in that it would ensure a safe supply of drinking water in the event contamination circumvented the barrier system outlined in GW4. In-light of the determinations by the City of Fort Lauderdale and consideration of other comments, EPA concluded that the pumping and treating of contaminants at the wellfield would be a more reliable and cost-effective approach to treat the groundwater and protect the



wellfield, compared to the containment of the plume through the implementation of a hydraulic barrier system.

The total present worth cost of Alternative GW4 as outlined in the Proposed Plan was estimated at \$3,970,000. As a result of the changes in the selected remedy, however, the total present worth cost is now estimated at approximately \$4,200,000. The nominal increase in cost is due to a slight increase in cost associated with the pumping and treating in the wellfield. This increase in cost is offset by the improvements in implementability and reliability of the remedy. As noted in the EPA ROD guidance, this cost is an order of magnitude engineering cost estimate that was developed as part of the FS to compare cost-effectiveness among alternatives. The cost estimate is expected to vary from the actual cost based on additional information collected during the remedial design process. Once complete, this alternative will attain MCLs and reduce the Site risks to within EPA's acceptable risk range of  $1 \times 10^{-4}$  to  $1 \times 10^{-6}$ .

In summary, the modified version of Alternative GW4 includes source remediation at the facility, monitored natural attenuation of the aqueous plume, and remediation of the northern portion of the plume through the pumping and treating of the contaminated groundwater at the wellfield. A secondary benefit with this approach is that the Peele-Dixie Wellfield will be able to resume the unrestricted pumping of the wellfield at historical pumping levels without the threat of contaminating the City of Fort Lauderdale's drinking water supply above MCLs.

## **11.2 Description of the Selected Remedy**

### **11.2.1 Major Components**

The selected remedy includes 1) remediation of the groundwater at the FPR facility; 2) monitored natural attenuation of the groundwater contamination released from the FPR facility and FDOT I-595 source areas; and 3) the pumping and treating of contaminated groundwater above MCLs which may enter the Peele-Dixie Wellfield when historical pumping rates are resumed. As described below, MNA and pumping and treating of groundwater will be conducted for contaminants which exceed the drinking water standards in Section 11.2.2 of this ROD.

#### **Source Remediation**

The Proposed Plan issued in June 2000, discussed the presence of concentrated levels of VOCs in the soil and groundwater at the FPR facility that were deemed to represent a long-term source of contamination. As noted in the Plan, a removal action was being developed to address the residual DNAPL and associated groundwater contamination at the facility. This work was started in November 2000, and is expected to be completed by April 2001. At a minimum, this removal action will address the residual DNAPL at the facility.

While the removal action is expected to reduce groundwater contaminant levels at the source area as well, it may not be effective in reduction of groundwater contaminants at the facility that may pose a long-term threat to groundwater. Groundwater modeling estimates indicate that groundwater



contaminants that remain at the facility after the removal action may be detrimental to the natural attenuation of the large aqueous groundwater plume and could extend the overall cleanup time of the groundwater by up to 12 years.

In the event that contaminants remain in the groundwater at the FPR facility after the DNAPL removal action is complete, groundwater remediation will be conducted as outlined in Alternative GW4. For the purpose of determining if groundwater remediation beyond the removal action is needed, the following criteria will apply. The property boundary for the FPR facility will be used to establish the point of compliance. Monitored Natural Attenuation default criteria established by the FDEP pursuant to Florida Administrative Code 62-777 will be used as the point of departure for determining if groundwater remediation at the facility as specified in Alternative GW4 will be needed. In general, the default criteria is 100 times the MCL for carcinogenic contaminants and 10 times the MCL for non-carcinogenic contaminants. If contaminants exceed this criteria after the completion of the DNAPL removal action, pumping and treating of groundwater as outlined in Alternative GW4 will be implemented and continued until these levels are achieved.

The scope of this portion of the remedy will involve the collection and treatment of contaminated groundwater within the facility boundary, that exceeds the State's natural attenuation default criteria. It is estimated that groundwater will be extracted at a total rate of approximately 100 gallons per minute. The contaminated water will be treated at the facility via air stripping, and the treated water will then be reinjected into the aquifer underlying the FPR facility. The pumping and treating of groundwater may be terminated once the groundwater contaminant levels have been shown to be permanently below the State's natural attenuation default criteria. Regardless if the groundwater at the facility is addressed through the DNAPL removal or requires additional remediation through pumping and treating, it must still achieve MCLs through MNA as with the rest of the plume.

A listing of the major components of the groundwater recovery and treatment system at the FPR facility includes:

- Groundwater recovery/extraction wells
- Water pumps
- Air stripping system and controls
- Infiltration system
- Groundwater monitoring wells
- Equipment pad
- Electrical services.

### **Wellfield Protection**

A secondary component of the remedy will be the protection of water derived from the southern portion of the Peele-Dixie Wellfield by collecting and treating groundwater contaminants contained in the northern portion of the Site plume. The contaminants in this part of the plume are expected to enter the cone of influence of the wellfield as a result of the increased pumping of the wellfield at historical



levels. This remedy will collect and treat groundwater contaminants in excess of drinking water standards (in Section 11.2.2 of this ROD). Although actions taken by the City have successfully controlled the spread of contaminants and reduced contaminant levels in the wellfield to levels below federal and state drinking water standards, contaminants above these standards remain south of the wellfield in the vicinity of the North New River Canal. Historical and current groundwater contaminant levels indicate that if pumping of the wellfield resumes at historical levels, contaminants south of the wellfield will migrate northward and re-contaminate the wellfield at levels above MCLs.

For planning and cost estimating purposes, the selected remedy assumes that pumping in the southern part of the Peele-Dixie Wellfield will be increased to its historical average rate of 7 mgd. It was assumed that the existing wells will essentially serve as the groundwater recovery wells for the pumping system. However, new piping will be installed so that flows from contaminated and non-contaminated wells can be separated. Contaminated groundwater would be transferred via pipeline for treatment through an air stripping system. The location of the treatment system will be determined during the remedial design based on reliability, cost, accessibility, implementability, maintenance, and community acceptance considerations.

It is assumed that analytical data and other appropriate information will be used to design and implement the air stripping system in a manner so as to maximize the selected remedy's primary goal of treatment of contaminated groundwater. As previously noted, the system will initially be designed and built to treat an average pumping rate of 7 mgd. Since contaminant levels are expected to vary in concentration among the wells in the southern portion of the wellfield, the system design should have the capability to divert contaminated groundwater for treatment via air stripping prior to transferring water to the Peele-Dixie Wellfield plant. Likewise, the system should have the capability to divert non-contaminated groundwater directly to the plant for processing and distribution.

Over time, it is anticipated the extent of contamination and wellfield impacts will be diminished to the point that the treatment of groundwater from various wells will no longer be needed. As more wells become progressively cleaner, the air stripping treatment capacity and monitoring requirements may be reduced accordingly.

A list of the major components used for planning and cost estimating purposes for the groundwater pump and treat system includes:

- Groundwater recovery wells
- Air stripping and system controls
- Water/transfer pumps
- Transfer piping
- Electrical services
- Equipment pad/buildings.

The treatment system will incorporate a rigorous groundwater monitoring program in the vicinity of the Peele-Dixie Wellfield. While this program may incorporate some of the same monitoring wells used to



monitor for natural attenuation, monitoring is expected to be conducted at a higher frequency to ensure full protection of water derived from the southern portion of the Peele-Dixie Wellfield. At a minimum, this monitoring program will evaluate changes in contaminant levels and groundwater gradients, and the effectiveness of the treatment system.

EPA recognizes that pursuant to 40 CFR § 300.345(f)(4)(ii), groundwater treatment for the primary purpose of providing a drinking water supply is not normally deemed to constitute treatment measures to restore contaminated groundwater. Although the treated groundwater may ultimately be used by the City of Fort Lauderdale to augment its water supply, this remedy is being performed for the primary purpose of removing and treating groundwater contaminants present in the northern portion of the site plume. The secondary effect of the remedy is that it will restore the groundwater resource such that it no longer poses a threat to the wellfield. After consideration of comments received on the Proposed Plan and discussion of the comments with each of the stakeholders for this site, EPA balanced the short-term and long-term risks associated with spending more time and money to design an effective hydraulic containment system versus treating the contaminated groundwater at the wellhead to restore the resource. EPA determined that pumping and treating the groundwater contaminants at the wellfield would be a more reliable and cost-effective approach.

### **Monitored Natural Attenuation**

The final component of the selected remedy entails MNA of the large aqueous plume. Groundwater modeling estimates of groundwater flow and fate and transport of contaminants, along with an assessment of the effectiveness of the ongoing intrinsic chemical and biological processes, indicate that natural attenuation will be an effective means for reducing the Site's large volume of low-level groundwater contamination. Modeling estimates indicate that MNA, coupled with the pumping and treating of groundwater, should reduce contaminant levels throughout the plume to within MCLs within approximately 15 years. Transport simulations indicate that the plume will not migrate significantly and will gradually decrease in size. The groundwater area at the FPR facility will take the longest amount of time to attain MCLs. Figure 11-1 depicts the projected changes in the plume as the attenuation progresses.

Implementation of the MNA component of the remedy will only involve the development and implementation of a long-term groundwater monitoring program. This program will involve the monitoring of wells throughout the groundwater plume for releases of contaminants from the FPR facility and the secondary source area at I-595 that exceed either state or federal MCLs.

A summary of the minimum requirements of a groundwater monitoring program includes:

- Representative monitoring of existing and newly installed wells
- Establishment of the downgradient extent of the groundwater plume in representative zones of the aquifer that are comparable to zones formerly investigated during the Remedial Investigation





**LEGEND:**

Red	- greater than 100 parts per billion (ppb)
Light Blue	- 10 to 100 ppb
Dark Blue	- less than 10 ppb

**Figure 11-1**  
**Projected Plume Attenuation Process for Selected Remedy**  
**Florida Petroleum Reprocessors, Davie, Florida**



- Monitoring and reporting of groundwater contaminant levels, water levels, and other appropriate indicator chemicals throughout the plume (excluding performance monitoring requirements associated with groundwater pump and treat actions)
- Five-year reviews of the performance of MNA.

### 11.2.2 Performance Standards

Performance standards presented in this section establish the levels of cleanup to be achieved by this remedy, along with any other major performance standards governing the construction or operation of the remedy. Although these performance standards are based on ARARs that apply to this type of action, they may include other design and implementation criteria as appropriate.

All on-Site actions shall be performed in accordance with the substantive requirements of applicable federal, state, and local laws and regulations. The procurement of permits will not be required for on-Site actions. A summary of ARARs to be achieved is provided in Table 11-1.

Groundwater shall be treated through natural attenuation until the following MCLs are attained at the groundwater monitoring wells designated by EPA as compliance points. Compliance points will be established by EPA through development and approval of the groundwater monitoring plan. These standards are based on federal and state MCLs for the contaminants with the greatest frequency of detection and distribution. Although other contaminants were detected, they were detected with less frequency and will be addressed during the removal of the following contaminants.

Contaminant	Concentration (• g/L)
1,1-DCE	7
cis-1,2-DCE	70
PCE	3 <sup>1</sup>
1,1,1-TCA	200
TCE	3 <sup>1</sup>
Vinyl Chloride	1

<sup>1</sup> - State Drinking Water Standard

In the event that pumping and treating of groundwater at the FPR facility is required, it will be conducted until the following criteria are achieved. The natural attenuation default criteria as specified in FAC 62-777 for the contaminants at FPR are:

Contaminant	Concentration (• g/L)
1,1-DCE	700
cis-1,2-DCE	700
PCE	300
1,1,1-TCA	2000
TCE	300
Vinyl Chloride	100

The remaining contamination will be reduced to the previously specified MCLs through MNA.



**Table 11-1**  
**Summary of ARARs for the Selected Remedy**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

Selected Remedy Component	Major Components	ARARs
Source Remediation	<ul style="list-style-type: none"> <li>Groundwater extraction wells</li> <li>Air stripping</li> <li>Treatment of air emissions as necessary</li> <li>Groundwater disposal via infiltration gallery</li> </ul>	<u>Contaminant-Specific</u> <ul style="list-style-type: none"> <li>Federal and state groundwater classifications (55 CFR 8732 and FAC 62-520)</li> <li>Safe Drinking Water Act (40 CFR 141)</li> <li>Florida Drinking Water Standards (FAC 62-550)</li> <li>Clean Air Act (40 USC 7401 et seq.)</li> <li>Florida Air Emission Standards (FAC 62-204)</li> </ul> <u>Action-Specific</u> <ul style="list-style-type: none"> <li>Florida Underground Injection (FAC 62-528)</li> </ul>
Wellfield Protection	<ul style="list-style-type: none"> <li>Groundwater extraction wells</li> <li>Air stripping</li> <li>Treatment of air emissions as necessary</li> <li>Groundwater disposal via injection wells</li> </ul>	<u>Contaminant-Specific</u> <ul style="list-style-type: none"> <li>Federal and state groundwater classifications (55 CFR 8732 and FAC 62-520)</li> <li>Safe Drinking Water Act (40 CFR 141)</li> <li>Florida Drinking Water Standards (FAC 62-550)</li> <li>Clean Air Act (40 USC 7401 et seq.)</li> <li>Florida Air Emission Standards (FAC 62-204)</li> </ul> <u>Action-Specific</u> <ul style="list-style-type: none"> <li>Florida Underground Injection (FAC 62-528)</li> </ul>
Monitored Natural Attenuation	<ul style="list-style-type: none"> <li>Groundwater monitoring and annual reporting</li> <li>Five-year review with comprehensive analysis of remedy's protectiveness</li> </ul>	<u>Contaminant-Specific</u> <ul style="list-style-type: none"> <li>Federal and state groundwater classifications (55 CFR 8732 and FAC 62-520)</li> <li>Safe Drinking Water Act (40 CFR 141)</li> <li>Florida Drinking Water Standards (FAC 62-550)</li> </ul>





### **11.2.3 Extraction Standards**

#### **FPR Facility**

Based on groundwater modeling estimates, groundwater will be extracted at or near the FPR facility at a minimum rate of 100 gallons per minute. The modeling assumed that the groundwater would be collected through two pumping wells screened at an interval designed to capture groundwater contaminants within the highly transmissive zone of the Biscayne aquifer.

#### **Peele-Dixie Wellfield**

Pumping rates in the southern portion of the Peele-Dixie Wellfield will be based on the historical pumping average of 7 mgd.

### **11.2.4 Treatment Standards**

At a minimum, the air strippers shall be designed to remove contaminant levels to meet the compliance standards listed in Table 11-1 to nondetectable levels by one pass through the air stripping column. Consideration shall also be given to selecting a system design that is compatible with the water quality encountered in the south Florida area in an effort to minimize fouling and maintenance requirements. The system will also include access ports to obtain samples for verification of system performance and maintenance.

In addition to groundwater monitoring standards, off-gases from the air stripper shall be monitored and treated, as appropriate, to comply with all ARARs.

### **11.2.5 Discharge Standards**

Discharges from the groundwater treatment system shall comply with all ARARs, including, but not limited to, substantive requirements of the National Pollutant Discharge Elimination System permitting program under the Clean Water Act, 33 U.S.C. §§1251 et seq. Discharge standards shall also be subject to the substantive requirements of the Florida Administrative Code (FAC 62-528) that establishes criteria for underground injection.

### **11.2.6 Design Standards**

The design, construction, and operation of the groundwater treatment system shall be conducted in accordance with all ARARs, including the Clean Air Act requirements set forth in 40 U.S.C. § 7401.

### **11.2.7 Performance Monitoring and Compliance Testing**

Performance monitoring during implementation will optimize operation of the extraction and treatment system and will demonstrate successful treatment of the extracted groundwater prior to discharge. A



monitoring plan will be developed in accordance with the 1994 EPA guidance titled *Methods of Monitoring Pump-and-Treat Performance*.

After demonstration of compliance with performance standards for the groundwater, the groundwater shall be monitored for a period of time sufficient to demonstrate that the attainment of the performance standards are permanent. If monitoring indicates that the performance standards set forth in Section 11.2.7 are consistently being exceeded, appropriate actions (i.e., groundwater pumping and treatment, MNA, etc.) will be taken until the performance standards are once again achieved. This process will continue until permanent compliance with the performance standards is demonstrated, or it is demonstrated that compliance is technically impracticable and a compliance waiver is justified and approved by EPA.

### **11.3 Summary of the Estimated Remedy Costs**

Table 11-2 includes a summary of the estimated cost for the selected remedy. The information included in the cost estimate summary is based on the best available information regarding the anticipated scope of the remedial alternative. Changes in the cost elements are likely to occur as new information and data are collected during the engineering design of the remedial alternative. Major changes may be documented in the form of a memorandum in the Administrative Record file, an Explanation of Significant Differences, or a ROD amendment. This is an order of magnitude engineering cost estimate that is expected to be within plus 50 percent to minus 30 percent of the actual project cost.

### **11.4 Expected Outcomes of the Selected Remedy**

The results expected from the implementation of the selected remedy entail restoring a portion of the Biscayne aquifer impacted by this Site to its beneficial use as a potable water supply source. Groundwater contaminants associated with this entire Site are estimated to be reduced to within MCLs within 15 years.

This remedy will also facilitate the expanded use of the Peele-Dixie Wellfield by the City of Fort Lauderdale. It is anticipated that upon implementation of this remedy, the City of Fort Lauderdale can resume the pumping of water from the Peele-Dixie Wellfield at the 1986 pre-contamination rates.

With regard to the FPR facility, the property will eventually be available for commercial/ industrial use consistent with the surrounding area. All contaminated soils that could pose a threat to future occupants have already been addressed through removal actions. If after the completion of the ongoing removal action contaminant levels are reduced to within the State's natural attenuation default criteria, the property should be available for reuse within the next few years. If pumping and treating of the groundwater is needed at the facility to reduce contaminant to within MCLs, the FPR property may not be available for use for many years.



**Table 11-2**  
**Cost Estimate for Selected Remedy**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

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<b>Capital Cost for Remedy Component 1 (Pump and Treat with Air Stripper Towers)</b> Two (2) 12'-diameter air stripping towers; feed pumps; 20", 16", and 14" welded steel piping with miscellaneous valves and fittings; 12", 10", and 8" welded steel piping with miscellaneous valves and fittings; concrete; and Level D.				
Description	Quantity	Unit	Unit Cost	Cost
<b>1. Site Work</b>				
Excavation for Structures and Utilities				
Feed Lines to/from Towers	1	LS	\$5,500.00	\$5,500.00
Pump Station	1	LS	\$5,500.00	\$5,500.00
<b>Subtotal</b>				<b>\$11,000.00</b>
<b>2. Piping</b>				
Welded Steel Pipe (20" diameter)	720	LF	\$66.00	\$47,520.00
Miscellaneous Valves and Fittings	1	LS	\$20,000.00	\$22,000.00
Welded Steel Pipe (16" diameter)	1,600	LF	\$49.50	\$79,200.00
Miscellaneous Valves and Fittings	1	LS	\$20,000.00	\$22,000.00
Welded Steel Pipe (14" diameter)	1,440	LF	\$41.80	\$60,192.00
Miscellaneous Valves and Fittings	1	LS	\$20,000.00	\$22,000.00
Welded Steel Pipe (12" diameter)	1,840	LF	\$33.00	\$60,720.00
Miscellaneous Valves and Fittings	1	LS	\$20,000.00	\$22,000.00
Welded Steel Pipe (10" diameter)	1,520	LF	\$27.50	\$41,800.00
Miscellaneous Valves and Fittings	1	LS	\$20,000.00	\$22,000.00
Welded Steel Pipe (8" diameter)	2,480	LF	\$22.00	\$54,560.00
Miscellaneous Valves and Fittings	1	LS	\$20,000.00	\$22,000.00
<b>Subtotal</b>				<b>\$475,992.00</b>
<b>3. Concrete</b>				
Cast in Place Slab	150	CY	\$495.00	\$74,250.00
Cast in Place Walls	100	CY	\$495.00	\$49,500.00
Cast in Place Cover Slab	75	CY	\$715.00	\$53,625.00
Miscellaneous Metals	1	LS	\$11,000.00	\$11,000.00
<b>Subtotal</b>				<b>\$188,375.00</b>
<b>4. Architectural</b>				
Protective Coatings	1,200	SF	\$2.75	\$3,300.00
Hardware (Doors and Windows)	1	LS	\$5,500.00	\$5,500.00
<b>Subtotal</b>				<b>\$8,800.00</b>
<b>5. Equipment</b>				
Stripper Towers (12' diameter)	2	EA	\$180,000.00	\$360,000.00
Feed Pumps	2	EA	\$55,000.00	\$110,000.00
<b>Subtotal</b>				<b>\$470,000.00</b>
<b>6. Electrical</b>				
Generator Capacity	1	LS	\$50,000.00	\$50,000.00
Miscellaneous Work	1	LS	5%	\$60,208.35
<b>Subtotal</b>				<b>\$110,208.35</b>
<b>7. Instrumentation</b>				
Miscellaneous Work	1	LS	3%	\$36,125.01
<b>Subtotal</b>				<b>\$36,125.01</b>



**Table 11-2**  
**Cost Estimate for Selected Remedy**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

(Page 2 of 9)

Capital Cost for Remedy Component 1 (Pump and Treat with Air Stripper Towers)					
Two (2) 12'-diameter air stripping towers; feed pumps; 20", 16", and 14" welded steel piping with miscellaneous valves and fittings; 12", 10", and 8" welded steel piping with miscellaneous valves and fittings; concrete; and Level D.					
Description	Quantity	Unit	Unit Cost	Cost	
<b>8. Plumbing</b>					
Miscellaneous Work	1	LS	3%	\$36,125.01	
<b>Subtotal</b>					
<b>9. General</b>					
Contractor's OH&P	1	LS	20%	\$260,110.27	
<b>Subtotal</b>				<b>\$260,110.27</b>	
<b>TOTAL</b>				<b>\$1,336,625.37</b>	
Design Cost (6%)				\$80,197.52	
Contingency (10%)				\$133,662.54	
<b>GRAND TOTAL CAPITAL COST</b>				<b>\$1,550,485.43</b>	
Repair and Replacement (CC * 2%)	1	LS	2%	\$31,009.71	
Power Cost @ \$0.05/KWH	1		\$55,000.00	\$55,000.00	
<b>TOTAL O&amp;M COST</b>				<b>\$86,009.71</b>	
NOTES:					
Electrical Misc. Work = 5% of the subtotal costs for Items 1, 2, 3, 4, 5 and Generator Cap.					
Instrumentation Misc. Work = 3% of the subtotal costs for Items 1, 2, 3, 4, 5 and Generator Cap.					
Plumbing Misc. Work = 5% of the subtotal costs for Items 1, 2, 3, 4, 5 and Generator Cap.					
Contractor's Overhead and Profit = 20% of the subtotal costs for Items 1, 2, 3, 4, 5, 6, 7, and 8.					
Repair and Replacement = 2% of the Grand Total for Capital Cost.					



**Table 11-2**  
**Cost Estimate for Selected Remedy**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

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**Summary of Present Worth Analysis (Pump & Treat with Stripping Towers) plus O&M**

Year	Capital Cost	O&M Cost	Total Annual Outlays	Middle of Year Discount Factors	Present Worth
2001	\$1,550,485.43	\$0.00	\$1,550,485	0.967	\$1,499,319.41
2002	\$0	\$86,009.71	\$86,010	0.903	\$77,666.77
2003	\$0	\$86,009.71	\$86,010	0.844	\$72,592.20
2004	\$0	\$86,009.71	\$86,010	0.789	\$67,861.66
2005	\$0	\$101,009.71	\$101,010	0.738	\$74,545.17
2006	\$0	\$86,009.71	\$86,010	0.689	\$59,260.69
2007	\$0	\$86,009.71	\$86,010	0.644	\$55,390.25
2008	\$0	\$86,009.71	\$86,010	0.602	\$51,777.85
2009	\$0	\$86,009.71	\$86,010	0.563	\$48,423.47
2010	\$0	\$101,009.71	\$101,010	0.526	\$53,131.11
2011	\$0	\$86,009.71	\$86,010	0.491	\$42,230.77
2012	\$0	\$86,009.71	\$86,010	0.459	\$39,478.46
2013	\$0	\$86,009.71	\$86,010	0.429	\$36,898.17
2014	\$0	\$86,009.71	\$86,010	0.401	\$34,489.89
2015	\$0	\$101,009.71	\$101,010	0.375	\$37,878.64
<b>Totals</b>	<b>\$1,550,485</b>	<b>\$1,249,136</b>	<b>\$2,799,621</b>		<b>\$2,250,944.49</b>
Notes: O&M Cost increase \$15,000 at 2005, 2010, and 2015 for 5-year review cost. Assume 7% Discount Rate, 15 years.					



**Table 11-2**  
**Cost Estimate for Selected Remedy**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

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<b>Capital Cost for Remedy Component 2 (MNA)</b>				
Ten (10) wells, 2" PVC casing, 140' depth, mud rotary, 10' screen, Level D				
Description	Quantity	Unit	Unit Cost	Cost
<b>1. Mobilization</b>	1	LS	\$1,250.00	\$1,250.00
<b>2. Monitoring Well Installation</b>				
4" Mud Rotary Drilling	1,400	LF	\$24.00	\$33,600.00
2" PVC Casing	1,260	LF	\$7.00	\$8,820.00
2" PVC Screen	140	LF	\$10.00	\$1,400.00
2" S/S Well Plugs	10	EA	\$14.00	\$140.00
Split Spoon Samples	280	EA	\$36.00	\$10,080.00
Drums	75	EA	\$50.00	\$3,750.00
Drum Disposal	75	EA	\$125.00	\$9,375.00
Sand Pack	140	LF	\$8.00	\$1,120.00
Bentonite Seal	10	EA	\$28.00	\$280.00
Grout	1,260	LF	\$1.50	\$1,890.00
Locking Cover	10	EA	\$250.00	\$2,500.00
Conc. Cover Posts	10	EA	\$250.00	\$2,500.00
Well Development	10	EA	\$350.00	\$3,500.00
Move/Set-Up at Wells	10	EA	\$300.00	\$3,000.00
<b>3. Demobilization</b>	1	LS	\$750.00	\$750.00
<b>Subtotal</b>				<b>\$83,955.00</b>
Design Cost (6%)				\$5,037.30
Contingency (10%)				\$8,395.50
<b>TOTAL COST</b>				<b>\$97,387.80</b>

<b>Estimate of One Monitoring Event (MNA)</b>				
Task	Units	Unit of Measure	Unit Price	Extended Price
Labor (2p/10 days x 10 hrs/day)	200	HR	\$75.00	\$15,000.00
Other Costs				
Sample Supplies (\$100/well)	1	EA	\$4,000.00	\$4,000.00
Travel Costs (Lodging and Per Diem)	16	EA	\$125.00	\$2,000.00
Analysis Costs (40 wells x 1.1 ea)	44	EA	\$350.00	\$154,000.00
<b>Subtotal</b>				<b>\$36,400.00</b>
Contingency (10%)				\$3,640.00
Project Management (8%)				\$3,000.00
<b>Total Cost</b>				<b>\$43,040.00</b>



**Table 11-2**  
**Cost Estimate for Selected Remedy**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

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**Summary of Present Worth Analysis (MNA)**

Year	Capital Cost	Annual Monitoring	Total Annual Outlays	Middle of Year Discount Factors	Present Worth
2001	\$97,892	\$172,160	\$270,052	0.967	\$261,140.28
2002	\$0	\$86,080	\$86,080	0.903	\$77,730.24
2003	\$0	\$86,080	\$86,080	0.844	\$72,651.52
2004	\$0	\$43,040	\$43,040	0.789	\$33,958.56
2005	\$0	\$58,040	\$58,040	0.738	\$42,833.52
2006	\$0	\$43,040	\$43,040	0.689	\$29,654.56
2007	\$0	\$43,040	\$43,040	0.644	\$27,717.76
2008	\$0	\$43,040	\$43,040	0.602	\$25,910.08
2009	\$0	\$43,040	\$43,040	0.563	\$24,231.52
2010	\$0	\$58,040	\$58,040	0.526	\$30,529.04
2011	\$0	\$43,040	\$43,040	0.491	\$21,132.64
2012	\$0	\$43,040	\$43,040	0.459	\$19,755.36
2013	\$0	\$43,040	\$43,040	0.429	\$18,464.16
2014	\$0	\$43,040	\$43,040	0.401	\$17,259.04
2015	\$0	\$58,040	\$58,040	0.375	\$21,765.00
<b>Totals</b>	<b>\$97,892</b>	<b>\$905,800</b>	<b>\$1,003,692</b>		<b>\$724,733.28</b>
Note: O&M Cost increase of \$15,000 at 2005, 2010, and 2015 for 5-year review cost. Assume 7% Discount Rate, 15 years.					



**Table 11-2**  
**Cost Estimate for Selected Remedy**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

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<b>Capital Cost for Remedy Component 3 (Source Area Pump and Treat with Air Stripper Towers)</b> Two extraction wells, one 12'-diameter air stripping tower with vapor carbon, on-site infiltration PVC piping with miscellaneous fittings, concrete, and Level C.				
Description	Quantity	Unit	Unit Cost	Cost
<b>1. Site Work</b>				
Clearing and Grubbing	280	HR	\$30.03	\$8,408.00
Fencing	1,100	LF	\$6.25	\$6,869.50
Sediment Control Fencing				
3-Dim. Poly	500	SF	\$1.43	\$716.00
Straw Bales	500	EA	\$3.07	\$1,537.00
<b>Subtotal</b>				<b>\$17,530.50</b>
<b>2. Sampling and Analysis</b>				
Water Samples:				
Sampling Supplies	1	LS	\$3,500.00	\$3,500.00
Techs	100	EA	\$50.00	\$5,000.00
Sample Shipping	10	EA	\$187.50	\$1,875.00
Water Analyses:				
Chem. Oxy. Demand (COD)	15	EA	\$20.00	\$300.00
Conductivity	15	EA	\$7.00	\$105.00
Dissolved Oxygen	15	EA	\$10.00	\$150.00
Total Hardness	15	EA	\$15.00	\$225.00
Tot. Metals (6010)	15	EA	\$205.00	\$3,075.00
Temperature	15	EA	\$5.00	\$75.00
Ion Chromatography	15	EA	\$156.00	\$2,340.00
Semivolatile Organics	15	EA	\$350.00	\$5,250.00
Volatile Solids	15	EA	\$10.00	\$150.00
Total Organic Hal.	15	EA	\$85.00	\$1,275.00
<b>Subtotal</b>				<b>\$23,320.00</b>
<b>3. PVC Extraction Wells - 6"-Dia.</b>				
Mobilization	1	LS	\$1,720.00	\$1,720.00
Extraction Well Installations:				\$0.00
12" Water Well Hole	160	LF	\$24.75	\$3,960.00
6" PVC Casing	140	LF	\$20.31	\$2,843.40
6" PVC Screen	20	LF	\$25.30	\$506.00
Bentonite Chips - Med. 1/4"	25	CF	\$45.24	\$1,131.00
Bentonite Grout - 3 lbs./gal.	25	CF	\$47.88	\$1,197.00
Sand Pack	10	CF	\$42.90	\$429.00
6" Solid Plugs - PVC	2	EA	\$66.50	\$133.00
6" Alum. Lock Cap	2	EA	\$72.00	\$144.00
Manhole Ring and Cover	2	EA	\$131.50	\$263.00
Precast Manhole	2	EA	\$290.00	\$580.00
MH Electrical	2	EA	\$290.00	\$580.00
15-135 gph Submersible Pump	2	EA	\$2,485.00	\$4,970.00
Develop Wells	2	HR	\$180.50	\$361.00
Pump Test Well	2	HR	\$200.00	\$400.00
Decontamination Time	2	HR	\$57.50	\$115.00





**Table 11-2**  
**Cost Estimate for Selected Remedy**  
**Florida Petroleum Reprocessors**  
**Davie, Florida**

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<b>Capital Cost for Remedy Component 3 (Source Area Pump and Treat with Air Stripper Towers)</b> Two extraction wells, one 12'-diameter air stripping tower with vapor carbon, on-site infiltration PVC piping with miscellaneous fittings, concrete, and Level C.				
Description	Quantity	Unit	Unit Cost	Cost
Standby Time	2	HR	\$57.50	\$115.00
Samples	20	EA	\$57.35	\$1,147.00
Level C Protection	10	HR	\$34.40	\$344.00
<b>Subtotal</b>				<b>\$20,938.40</b>
<b>4. On-Site Infiltration System</b>				
Trench ½ CY Hyd. Excav.	2	HR	\$43.50	\$87.00
Trench Backfill w/ Frt. End Loader	2	HR	\$29.50	\$59.00
Compaction with Mechanical Tamper	2	HR	\$39.00	\$78.00
Gravel	10	CY	\$24.30	\$243.00
6" Diameter Perforated PVC Pipe	100	LF	\$19.27	\$1,927.00
<b>Subtotal</b>				<b>\$2,394.00</b>
<b>5. Recovery/Disposal Conduits</b>				
Recovery Conduits - 6" Wells:				
4" Dia. PVC Sch. 40 Pipe (Rev)	100	LF	\$2.50	\$250.00
4" Dia. PVC 90 deg. Elbow (Rev)	5	EA	\$31.40	\$157.00
4" Dia. PVC 45 deg. Elbow (Rev)	5	EA	\$30.60	\$153.00
4" Dia. PVC Tee (Rev)	5	EA	\$41.00	\$205.00
4" Dia. PVC Coupling (Rev)	5	EA	\$28.20	\$141.00
Disposal Conduits - 6" Wells				
4" Dia. PVC Sch. 40 Pipe (Disp)	100	LF	\$2.50	\$250.00
4" Dia. PVC 90 deg. Elbow (Disp)	5	EA	\$31.40	\$157.00
4" Dia. PVC 45 deg. Elbow (Disp)	5	EA	\$30.60	\$153.00
4" Dia. PVC Tee (Disp)	5	EA	\$41.00	\$205.00
4" Dia. PVC Coupling (Disp)	5	EA	\$28.20	\$141.00
Electrical Conduits				
2" Dia. Sch. 40 PVC Pipe	200	LF	\$1.05	\$209.00
2" Dia. PVC 90 deg. Elbow	5	EA	\$9.40	\$47.00
2" Dia. PVC 45 deg. Elbow	5	EA	\$9.60	\$48.00
2" Dia. PVC Coupling	5	EA	\$9.20	\$46.00
Outside Electrician	25	HR	\$32.04	\$801.00
<b>Subtotal</b>				<b>\$2,963.00</b>
<b>6. Equipment</b>				
Stripper Tower (12' Dia.)	1	EA	\$180,000.0	\$180,000.00
Feed Pump	1	EA	\$55,000.00	\$55,000.00
<b>Subtotal</b>				<b>\$235,000.00</b>
<b>7. Concrete</b>				
Cast in Place Slab	75	CY	\$495.00	\$37,125.00
Cast in Place Walls	50	CY	\$495.00	\$24,750.00
Cast in Place Cover Slab	40	CY	\$715.00	\$28,600.00
Misc. Metals	1	LS	\$11,000.00	\$11,000.00
<b>Subtotal</b>				<b>\$101,475.00</b>



**Table 11-2**  
**Cost Estimate for Selected Remedy**  
**Florida Petroleum Reprocessors**  
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<b>Capital Cost for Remedy Component 3 (Source Area Pump and Treat with Air Stripper Towers)</b> Two extraction wells, one 12'-diameter air stripping tower with vapor carbon, on-site infiltration PVC piping with miscellaneous fittings, concrete, and Level C.					
Description	Quantity	Unit	Unit Cost	Cost	
<b>8. Architectural</b>					
Protective Coatings	600	SF	\$2.75		\$1,650.00
Hardware (Doors and Windows)	1	LS	\$5,500.00		\$5,500.00
<b>Subtotal</b>					<b>\$7,150.00</b>
<b>9. Instrumentation</b>					
Miscellaneous Work	1	LS	3%		\$8,364.78
<b>Subtotal</b>					<b>\$8,364.78</b>
<b>10. Plumbing</b>					
Miscellaneous Work	1	LS	3%		\$8,364.78
<b>Subtotal</b>					<b>\$8,364.78</b>
<b>11. General</b>					
Contractor's OH&P	1	LS	20%		\$85,500.09
<b>Subtotal</b>					<b>\$85,500.09</b>
<b>TOTAL</b>					<b>\$513,000.54</b>
Design Cost (6%)					\$30,780.03
Contingency (10%)					\$51,300.05
<b>GRAND TOTAL CAPITAL COST</b>					<b>\$595,080.63</b>
<b>12. O&amp;M Startup (30 Days)</b>					
Labor	490	MH	\$32.25		\$15,804.00
Travel	18	EA	\$300.00		\$5,400.00
Per Diem	45	DY	\$75.00		\$3,375.00
Power Cost	75,000	KWH	\$0.08		\$6,000.00
Partial Sample Analysis	25	EA	\$250.00		\$6,250.00
Sample Shipping	5	EA	\$125.00		\$625.00
<b>Subtotal O&amp;M Cost</b>					<b>\$37,454.00</b>
Repair and Replacement (CC * 2%)	1	LS	2%		\$11,901.61
Power Cost @ \$0.05/KWH	1		\$55,000.00		\$55,000.00
<b>TOTAL O&amp;M COST</b>					<b>\$66,901.61</b>
<b>NOTES:</b> Electrical Misc. Work = 3% of the subtotal costs for Items 1, 2, 3, 4, 5, and 6. Plumbing Misc. Work = 3% of the subtotal costs for Items 1, 2, 3, 4, 5, and 6. Contractor's Overhead and Profit = 20% of the subtotal costs for Items 1 through 10. Repair and Replacement = 2% of the Grand Total for Capital Cost.					



**Table 11-2**  
**Cost Estimate for Selected Remedy**  
**Florida Petroleum Reprocessors**  
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**Summary of Present Worth Analysis (Source Area Pump and Treat with Stripper Tower) plus O&M**

Year	Capital Cost	O&M Cost	Total Annual Outlays	Middle of Year Discount Factors	Present Worth
2001	\$595,080.63	\$37,454.00	\$632,535	0.967	\$611,660.99
2002	\$0	\$66,901.61	\$66,902	0.903	\$60,412.15
2003	\$0	\$66,901.61	\$66,902	0.844	\$56,464.96
2004	\$0	\$66,901.61	\$66,902	0.789	\$52,785.37
2005	\$0	\$81,901.61	\$81,902	0.738	\$60,443.39
2006	\$0	\$66,901.61	\$66,902	0.689	\$46,095.21
2007	\$0	\$66,901.61	\$66,902	0.644	\$43,084.64
2008	\$0	\$66,901.61	\$66,902	0.602	\$40,274.77
2009	\$0	\$66,901.61	\$66,902	0.563	\$37,665.61
2010	\$0	\$81,901.61	\$81,902	0.526	\$43,080.25
2011	\$0	\$66,901.61	\$66,902	0.491	\$32,848.69
2012	\$0	\$66,901.61	\$66,902	0.459	\$30,707.84
2013	\$0	\$66,901.61	\$66,902	0.429	\$28,700.79
2014	\$0	\$66,901.61	\$66,902	0.401	\$26,827.55
2015	\$0	\$81,901.61	\$81,902	0.375	\$30,713.10
<b>Totals</b>	<b>\$595,081</b>	<b>\$1,019,077</b>	<b>\$1,614,157</b>		<b>\$1,201,765.30</b>
Notes: O&M Cost increase \$15,000 at 2005, 2010, and 2015 for 5-year review cost. Assume 7% Discount Rate, 15 years.					



## 12.0 STATUTORY DETERMINATIONS

This section of the ROD discusses how the selected remedy fulfills the statutory requirements of Section 121 of CERCLA with respect to protection of human health and the environment; compliance with ARARs; cost-effectiveness; utilization of permanent and alternative treatment solutions; and utilization of treatment for the reduction in toxicity, mobility, and volume.

### 12.1 Protection of Human Health and the Environment

The selected remedy for this Site satisfies the statutory requirement for protection of human health and the environment through treatment and engineering controls. The selected remedy includes the treatment of contaminated groundwater to reduce the long-term threat to the Biscayne aquifer posed by the mass of VOCs that have been released from the FPR facility and the FDOT I-595 secondary source area. Although no significant carcinogenic or noncarcinogenic risks from exposures to soil were estimated, cumulative carcinogenic and noncarcinogenic risks from the potential exposure to contaminated groundwater were  $6 \times 10^{-2}$  and 220, respectively. Implementation of this remedy will result in the long-term attainment of MCLs for groundwater and will result in a reduction of risk to within EPA's risk range of  $1 \times 10^{-4}$  to  $1 \times 10^{-6}$ .

EPA believes that the selected remedy provides a more reliable degree of protection of human health and welfare than Alternative GW4 as originally proposed. As discussed previously, Alternative GW4 would have required that additional design studies and sampling be conducted to determine criteria such as the nature, size, and location of the containment system. This would likely have extended the period of time for implementation of the remedy to treat the groundwater near and at the wellfield by one to two years. During this period of time, residents dependent on water provided by the Peele-Dixie Wellfield would continue to bear the risks associated with low water volume and pressure.

The selected remedy is expected to provide a higher degree of long-term protection of the Biscayne aquifer. There is concern that if a hydraulic containment system were implemented, regardless of the safeguards included, the potential exists that contaminants might bypass the containment system and enter the wellfield from the south. Due to the interactive nature of the pumping of the wellfield and its effect on the movement of contaminated groundwater south of the wellfield, as well as the technical feasibility to pump, test and store and millions of gallons of water before it enters the distribution system, there exists the potential for the distribution of contaminated drinking water. Pumping and treating all of the groundwater collected from the southern part of the wellfield ensures that no contaminants will enter the drinking water supply from the identified groundwater sources.



## **12.2 Compliance with ARARs**

Implementation of the selected remedy will comply with all federal and state contaminant-specific, action-specific, and location-specific ARARs. Contaminant-specific ARARs attained will primarily include federal and state drinking water and air emission standards and hazardous waste regulations. Action specific requirements that will be complied with primarily include federal and state discharge requirements and hazardous waste regulations. Finally, location-specific requirements that will be addressed include federal and state hazardous waste regulations and discharge standards. A summary of ARARs to be met through the implementation of the selected remedy is provided in Table 11-1.

## **12.3 Cost-Effectiveness**

EPA has determined that the selected remedy is cost-effective and that the overall effectiveness of the remedy is proportional to the overall cost of the remedy. The cost-effectiveness of the selected remedy was evaluated by comparing the overall effectiveness of the remedy (i.e., long-term effectiveness and permanence; reduction in toxicity, mobility, and volume; and short-term effectiveness) with the overall cost of the remedy. More than one remedial alternative may be considered cost-effective, but CERCLA does not mandate that the most cost-effective or least expensive remedy be selected.

A review of the expected performance of the selected remedy indicates that the remedy will be one of the most effective in reducing contaminant levels in the Biscayne aquifer within a reasonable period of time. It will also result in the permanent reduction of the toxicity, mobility, and volume of contaminants. While the selected remedy may present the potential for an increase in the short-term risks, such risks can be addressed through proper engineering controls and safety measures. In addition, the selected remedy will be the most effective at timely addressing the use restrictions associated with the Peele-Dixie Wellfield.

EPA believes that the total present worth cost of the selected remedy of \$4,200,000 is proportional to the overall effectiveness of the selected remedy. While Alternative GW3 may provide a comparable level of effectiveness in addressing the cleanup of the large aqueous plume, it would not be nearly as effective in addressing the potential threat of the northerly migration of contaminants in the Biscayne aquifer towards the Peele-Dixie Wellfield. Although the cost of the selected remedy is approximately 50 percent higher than the cost of GW3, EPA has assigned a high degree of importance to the Peele-Dixie Wellfield (See CERCLA § 118, 42 U.S.C. § 9618). Not only is it a valuable drinking water resource, but the wellfield also assists the City of Fort Lauderdale in operating and managing its municipal water supply services in a safe and efficient manner. The selected remedy represents a more aggressive and protective groundwater treatment option and will be the most effective means to ensure the unrestricted use of the wellfield in the shortest period of time.



EPA also believes that the selected remedy will be more cost-effective in the short-term and long-term than Alternative GW4 as originally proposed. In the short-term, Alternative GW4 would have required remedial design studies that would have likely cost \$300,000 to \$500,000 to provide the necessary design criteria. It is also anticipated that the long-term operation and maintenance cost of Alternative GW4 could be higher than that estimated for the selected remedy. If concerns regarding the effectiveness of the GW4 hydraulic containment system were validated through operation of the system, additional costs would be incurred as a result of modifications to the system to improve the effectiveness of the barrier. It is anticipated that the cost associated with the design and construction of the selected remedy are more reliably estimated due to the availability of more definitive design criteria.

#### **12.4 Permanent and Alternative Treatment Solutions**

The selected remedy uses permanent solutions and alternative treatment solutions to the maximum extent practicable. The selected remedy will provide the greatest degree of long-term effectiveness and permanence. While the selected remedy does rely on MNA to address much of the groundwater plume, it does incorporate the pumping and treating of groundwater at the wellfield to permanently reduce groundwater contaminants that threaten both the Biscayne aquifer and the wellfield to within MCLs within the shortest period of time possible. It also includes active remediation of the groundwater at the FPR facility to reduce groundwater contaminant levels.

#### **12.5 Preference for Treatment as a Principal Element**

In addition to the four statutory mandates previously discussed, the NCP includes a preference for treatment for the selected remedy in addressing the principal threat at the Site. Among the alternatives considered, the selected remedy incorporates the highest degree of treatment. The selected remedy will not only result in the treatment of the contaminated groundwater through MNA and groundwater treatment at the facility, but will also actively collect and treat through air stripping the groundwater contaminants in the northern portion of the plume that threaten Biscayne aquifer and Peele-Dixie Wellfield.

### **13.0 DOCUMENTATION OF SIGNIFICANT CHANGES**

Comments received during the public comment period for the Proposed Plan issued in June 2000 prompted EPA to change the preferred remedial alternative identified in the Proposed Plan. EPA has discussed these public comments with all of the PRPs and Site stakeholders.

Fundamentally, the selected remedy is consistent with the primary objectives of the GW4 preferred alternative identified in the Proposed Plan. It still addresses contaminants in the groundwater through treatment and MNA and also provides for the protection of the southern portion of the Peele-Dixie Wellfield. The selected remedy was modified to provide for a more expeditious, reliable, and cost-



effective means for collecting and treating the contaminated groundwater that will also allow the City to resume complete use of the wellfield on an expedited basis.

During the development of the FS Addendum, several meetings were held with the stakeholders (including the SW Coalition of Civic Associations, City of Fort Lauderdale, Broward County, federal and state agencies, and the PRPs). During the development of the alternatives for the FS Addendum, use of the infrastructure of the southern portion of the Peele-Dixie Wellfield as a groundwater recovery system coupled with the installation of an air stripping system had been proposed as a remedial alternative to address the threat posed by the contamination in the northern part of the plume. Although it was determined to be a viable alternative, it had been ruled out due to the City's desire to avoid being involved with the long-term operation of an extensive groundwater pump and treat system. Also, in deference to state and federal policy considerations, EPA favored developing a remedial alternative that would address the source of contamination, rather than relying on treatment at the wellhead as the sole remedy.

However, comments received during the public comment period and new information received after the comment period caused EPA to reevaluate its selection of a remedy for this Site. Shortly after the close of the public comment period the City of Fort Lauderdale completed the development of its Master Plan for its future water needs. The City realized that although it had capacity at its Fiveash Wellfield to supply its raw water needs, the system's existing infrastructure is insufficient to transfer the water from the Five Ash Plant to customers in the southern and western portions of the City and other neighboring communities outside the City limits. As a result, without at least \$10,000,000 in capital improvements to the City's water delivery infrastructure, the plan concludes that the City needs the capability to now withdraw a minimum of 10 MDG from the entire Peele-Dixie Wellfield on a daily average, with a one-day maximum of 15 mgd.

Because of the Master Plan data, the City agreed that the most expedient and reliable way to regain the historical use of the water in the Peele-Dixie Wellfield would be to agree to pump and treat the contaminated groundwater at the wellfield, as opposed to pumping and treating at the FPR facility and attempting to prevent the contaminants from entering the wellfield through the construction of a hydraulic containment system.

In addition to the new information provided by the City, some of the public commenters suggested that the groundwater could be treated and the Peele-Dixie Wellfield could be protected more reliably and cost-effectively through the treatment of contaminants collected via the production wells in the southern part of the wellfield. The commenters contended that a barrier would not be as effective, since contaminants could possibly migrate around or through the barrier.



Therefore, in developing the selected remedy, EPA chose to modify the preferred alternative GW4. While the scope and cost was significantly modified, the selected remedy is fundamentally the same as the preferred alternative in that the groundwater at the facility will be addressed through pumping and treating, as necessary; the large aqueous plume will be treated through MNA; and the wellfield will be protected through the pumping and treating of groundwater.

Although the air stripping system represents a significant change in one component of the Site remedy, EPA believes that since this remedial technology was discussed at public meetings on several prior occasions, it is a reasonable outgrowth of the process and could have been reasonably anticipated by the public based on their extensive involvement and representation throughout the process. As discussed previously, EPA was very aggressive in actively involving representatives of the public as stakeholders throughout this process. Specifically, EPA worked closely with the Southwest Coalition of Civic Associations during the development of the FS Addendum, the Proposed Plan, the review of public comments, and the development of the selected remedy. The Coalition represents approximately 44,000 homes in the affected area. Likewise, EPA worked closely with other public entities including the State, Broward County, and the City of Fort Lauderdale. Finally, EPA worked closely with the PRPs throughout this process. Based on the information that was discussed and reviewed with these stakeholders during the FS and Proposed Plan processes, and in consideration of the Proposed Plan comments, EPA believes that this change is a logical outgrowth of the process and thereby could be reasonably anticipated by the public (see 40 CFR § 300.430(f)(3)(ii)(A)).

Furthermore, EPA noted in the description of alternative GW4 in the Proposed Plan that there was some uncertainty regarding the ultimate form in which the goal of wellfield protection would be achieved. The Plan noted that other mechanisms for the protection of the wellfield would be evaluated during the Remedial Design process. The Plan acknowledged that a hydraulic barrier was a demonstrated technology, but there may be other wellfield protection measures that could be implemented to offer a superior degree of protection, performance, or cost-effectiveness than a hydraulic barrier.

Therefore, because the possibility of different wellfield protection measures were acknowledged in the Proposed Plan, EPA believes that this change has been documented in this ROD in accordance with 40 C.F.R. § 300.340 (f)(3)(ii)(A), and there is no need for additional public notice and comment on the change.





## 14.0 BIBLIOGRAPHY

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**APPENDIX A**  
**RESPONSE TO COMMENTS**



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## **List of Acronyms**

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AGM	ARCADIS Geraghty & Miller
BB&L	Blasland Bouck & Lee
BCDNRP	Broward County Department of Natural Resource Protection
CERP	Comprehensive Everglades Restoration Program
CFR	Code of Federal Regulations
CSM	conceptual site model
CVOC	chlorinated volatile organic compound
DCE	dichloroethene
DNAPL	dense nonaqueous-phase liquid
EPA	U.S. Environmental Protection Agency
FDEP	Florida Department of Environmental Protection
FDER	Florida Department of Environmental Resources
FDOT	Florida Department of Transportation
FPR	Florida Petroleum Reprocessors
FS	feasibility study
• g/L	micrograms per liter
MCL	maximum contaminant level
MNA	monitored natural attenuation
NCP	National Contingency Plan
PCE	perchloroethene
ppb	parts per billion
PRP	potentially responsible party
RI	remedial investigation
ROD	Record of Decision
SFWMP	South Florida Water Management District
TCE	trichloroethene
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geologic Survey
VOC	volatile organic compound
WES	Waterways Experimental Station



**RESPONSIVENESS SUMMARY  
FLORIDA PETROLEUM REPROCESSORS SUPERFUND SITE  
DAVIE, FLORIDA**

**1.0 Introduction**

As part of its public participation responsibilities set forth in Title 40 Code of Federal Regulations (CFR) Section 300.430, the U.S. Environmental Protection Agency (EPA) is required to provide the public with an opportunity to comment on the Agency's Proposed Plan and supporting analysis and information. EPA is then required to provide a written summary and response to significant comments, criticisms, and new relevant information submitted to the Agency during the comment period.

The following is a Responsiveness Summary that addresses the comments received by EPA during the June 20 through August 21, 2000, public comment period on EPA's Proposed Plan for Operable Unit 1 of the Florida Petroleum Reprocessors Superfund Site (FPR Site) in Davie, Florida. Although originally scheduled to end on July 21, EPA extended the public comment period an additional 30 days to August 21, 2000. EPA held a public meeting on June 27, 2000, at the Sunview Park Recreational Building in Fort Lauderdale, Florida to discuss the Proposed Plan with the public and to receive their comments.

In addition to comments received at the public meeting, EPA received written comments during the public comment period. EPA's responses to significant comments received during the public comment period are included in this Responsiveness Summary. All comments summarized in this document were considered by EPA in preparing the Record of Decision (ROD).

Comments were received from members of the community, the State of Florida Department of Environmental Protection (FDEP) and South Florida Water Management District (SFWMD), Broward County Department of Natural Resource Protection (BCDNRP), the city of Fort Lauderdale, and representatives of the potentially responsible parties (PRPs) for the site. Written comments were submitted by numerous individuals and on behalf of the Broadview Park Civic Association, Greater Flamingo Park Civic Association, River Run Civic Association, and the South West Coalition of Civic Associations. Comments were submitted on behalf of the PRPs by Holland and Knight LLP and Golder Associates, legal and technical representatives of the FPR Steering Committee ("PRP Group"). Comments also were submitted by two governmental PRPs, including the Florida Department of Transportation (FDOT) and Miami-Dade County.

Due to the source and nature of comments received, comment summaries and EPA responses will be divided into three separate categories including: Community Comments, State and Local Government Comments, and PRP Comments. Since the majority of comments were received in a written format and generally reiterate comments received during the public meeting, the comment summaries and responses will first address the written comments. Verbal comments not addressed by the written



comments will then be addressed. Multiple comments on the same topic will be combined into one comment and response, and if commenters from different groups submit the same comments, only one summary and response will be provided, with cross-references to the other category. Finally, while this document summarizes all of the significant comments received, due the volume and in-depth nature of many of the PRP comments, the reader should consult the actual comments maintained in the Administrative Record for a more detailed account of the comments.

## **2.0 Community Comments**

### **2.1 Remedy Support**

EPA received comments from numerous residents and community organizations voicing strong support for EPA's adoption of Alternative GW4, which incorporates source remediation, wellfield protection, and monitored natural attenuation (MNA), as the selected remedy for the ROD. The common theme cited among all of the comments supporting GW4 was the importance for the protection of the Peele-Dixie Wellfield and restoration of the unrestricted pumping of the wellfield as soon as possible. Significant concern was expressed that without the full use of the Peele-Dixie Wellfield, the Fort Lauderdale water supply system will not be able to meet its future water needs.

***EPA Response:** EPA agreed with the community comments regarding the importance and protection of the Peele-Dixie Wellfield. Community concern was an important factor considered by EPA in the selection of Alternative GW4.*

### **2.2 Impacts to Communities and Water Resources South of the FPR Site**

Four community residents who attended the proposed plan meeting in June 2000 expressed concern over how the southward migration of the plume might impact the water supply for the City of Hollywood and other communities expanding to the south of the FPR Site. One asked how the Everglades restoration also might be impacted.

***EPA Response:** EPA stressed to those in attendance at the Proposed Plan meeting that its responsibility to Davie residents is to protect existing water resources as well as to restore those resources that have been impacted by contamination. One purpose of the selected remedy is to keep the contamination from migrating. Once the groundwater is restored for use, the EPA said it will be up to local municipalities how they choose to use the available water resources.*

### **2.3 Use of the Peele-Dixie Wellfield**

Three community residents who attended the proposed plan meeting in June 2000 expressed concern about how quickly the Peele-Dixie Wellfield can begin pumping to its maximum level. One said that the calculations for the time that pumping can resume to its maximum rate is not



adequate. Another resident wanted to know if the proposed remedy did not work, what recourse EPA had.

***EPA Response:*** *Comments such as these contributed to EPA's modification of a portion of Alternative GW4 to include pumping and treating of groundwater at the wellfield. Although EPA believes that the groundwater containment system could have been built and operated in a reliable fashion, it is true that the most reliable method for ensuring that customers did not receive any contaminated groundwater would be to treat the water at the wellhead.*

## **2.4 Involvement of Other Agencies in the Process**

One resident who attended the Proposed Plan meeting in June 2000 expressed concern about the absence of a representative of the Florida Department of Toxicology (sic) who had been active in the early investigation of the FPR Site. He said he thought that a 90-page report issued by the department had been totally ignored, saying that the report suggested that a barrier alternative should be used as a last resort.

***EPA Response:*** *The EPA has allowed the Florida Department of Health and Rehabilitative Services to review the Proposed Plan. Their suggestions and recommendations have not been contrary to EPA's proposed alternative for the FPR Site. The department was invited to the Proposed Plan meeting to comment on the Proposed Plan.*

## **3.0 State and Local Government Comments**

### **3.1 FDEP Comments**

The FDEP relayed to EPA its support for the selection of Alternative GW4. It felt that this alternative represented a good balance among alternatives and remedy components. FDEP felt that the remedy was not too excessive in requiring the active remediation of areas that were not likely to pose immediate threats in the future, but incorporated a more aggressive response in the treatment of source areas and the protection of the Peele-Dixie Wellfield.

***EPA Response:*** *EPA agreed with FDEP's comments in support of Alternative GW4. EPA believes this alternative represents the best balance of trade-offs among the alternatives and provides a measured response that takes into account the differences in potential risk posed by different portions of the facility and groundwater plume.*

### **3.2 South Florida Water Management District Comments**

The SFWMD voiced its strong support in the selection of Alternative GW4. The District contended that the remediation of source materials and groundwater at the FPR facility and the secondary source area, and a barrier for the protection of the Peele-Dixie Wellfield are critical components of the remedy. The SFWMD stated that the loss of the southern portion of the wellfield





has impacted the city of Fort Lauderdale's ability to reliably provide drinking water and that the barrier will provide a mechanism for the city to more rapidly return the wellfield to historical pumping levels.

A related issue noted by the District is that it is working with the USACE on the Comprehensive Everglades Restoration Program (CERP), which is intended, in part, to enhance the flow of water to the Everglades, while continuing to meet the urban and agricultural needs of South Florida. The District believes that any efforts by EPA to aid in the restoration of water supplies will help to implement the CERP.

***EPA Response:*** *EPA agreed with the SFWMD in the importance of protection of the Biscayne aquifer as a drinking water resource and the restoration of the Peele-Dixie Wellfield to historical pumping levels as soon as possible. EPA agreed with the District in the appropriateness of Alternative GW4 for the remediation of soil and groundwater and the protection of the Peele-Dixie Wellfield.*

### **3.3 Broward County Board of Commissioners**

EPA received comments from the Broward County Board of Commissioners fully supporting the selection of Alternative GW4. The Commission stated that it concurs with and strongly supports EPA's recommendation for the selection of Alternative GW4 as the option that provides the fastest method for cleaning up the groundwater and allowing the Peele-Dixie Wellfield to resume pumping at historical levels.

***EPA Response:*** *EPA appreciates the Commission's support and took into consideration the Commission's comments in the selection of Alternative GW4.*

### **3.4 City of Fort Lauderdale Comments**

The city of Fort Lauderdale provided comments to EPA on the Proposed Plan in the form of a resolution. The city of Fort Lauderdale Commission passed a resolution on July 18, 2000, that formally supports the adoption of Alternative GW4 for the remediation of the FPR Superfund Site. The Commission believes that this remedy is needed to protect and provide for the eventual full use of the valuable groundwater resource known as the Peele-Dixie Wellfield.

***EPA Response:*** *EPA appreciates the city's support for the adoption of Alternative GW4 through the formal issuance of a resolution. The city's comments were taken into consideration in the evaluation and selection of a remedy for the FPR Site.*



## **4.0 PRP Comments**

EPA received numerous comments from the PRP Steering Committee (“the Group”), Golder Associates on behalf of the Group, Miami-Dade County, and FDOT. Although some of the comments address the same topic, many of the comments are specific to the individual PRPs. As a result, the comments and responses will be organized by PRP. Where multiple comments are provided that address a common issue, the multiple comments will be noted, but only one response provided.

### **4.1 The PRP Group**

The PRP Group submitted more than 50 pages of comments on the June 2000 Proposed Plan, and by reference included the more than 100 pages of comments submitted on the June 1998 Proposed Plan. This extensive volume of comments relates primarily to two major issues, including the potential impacts of releases from the FPR facility on the Peele-Dixie Wellfield and groundwater modeling predictions relating to groundwater movement and fate and transport and the hydraulic connection of the FPR facility to the wellfield. A summary of significant comments that relate to these issues follows. Other nontechnical comments that relate primarily to legal and administrative issues are addressed as well.

#### **4.1.1 Groundwater Model**

EPA has received numerous comments from the PRPs and their three consultants, Geraghty & Miller, Blasland Bouck & Lee (BB&L), and Golder Associates, regarding the groundwater modeling efforts performed by EPA and the USACE Waterways Experimental Station (WES). Due to the technical nature of the topic, the comments are extensive and very detailed. While the following captures the significant issues present in the comments, the actual comments received are available for review in the Administrative Record for this Site.

The PRPs have repeatedly commented that the Corps’ groundwater modeling efforts have not used the proper parameters and assumptions to portray accurately the environmental and hydrogeologic conditions specific to the site. As a result, the PRPs contend that all of the groundwater modeling is not accurate and, therefore, the groundwater model cannot be used to make predictions reliably as to how contaminants migrated in the past or may migrate in the future in order to evaluate potential cleanup alternatives. Moreover, the PRPs contend that the model cannot be used to demonstrate a hydraulic connection between the FPR facility and the Peele-Dixie Wellfield. Finally, the PRPs suggest that EPA has excluded the Group from all involvement in the development and review of the model. The Group suggests that EPA has subverted the National Contingency Plan (NCP) public participation requirements by not allowing the Group to review the input parameters for the most recent groundwater modeling efforts.



**EPA Response:** EPA disagrees with the PRPs' comments regarding the quality of the model and its usability. EPA also disagrees with the Group's comments that it has not been able to provide meaningful input into the model development. Before addressing more specific issues, however, it is important to clarify the original intent and goals of the model.

The original intent of the groundwater modeling was to gather information that could be used to evaluate better the hydraulic connection of the FPR facility with the Peele-Dixie Wellfield and to aid the evaluation and design of various groundwater cleanup alternatives. It was never intended to serve as the basis for remedy selection. The basis for the remedy is derived directly from Sections 104 and 118 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the NCP. Pursuant to Section 104 of CERCLA, EPA is authorized to respond to the release or threat of release of hazardous substances, pollutants, or contaminants that may pose a threat to human health, welfare, or the environment. In Section 118 of CERCLA, Congress assigned a higher priority to releases that had contaminated public drinking water supplies or drinking water wells. Moreover, the NCP and preamble are clear that it is EPA's intent to restore drinking water resources that have been contaminated by releases of hazardous substances, pollutants, or contaminants to their beneficial use. In cases where the release has contaminated or potentially threatens a unique aquifer such as a Class I aquifer or a sole-source drinking water aquifer or a wellhead protection area, the Agency has assigned a higher priority to these areas and expects to restore these areas to their beneficial uses as rapidly as possible.

In the case of FPR, the remedy is based solely on the fact that a large release of hazardous substances from the FPR facility and a secondary source area have impacted a Class I, sole-source drinking water area. Based on this fact alone, EPA expects to restore the aquifer to its beneficial use as rapidly as possible. The facts that the release is adjacent to a municipal wellfield and wellhead protection area, that the wellfield was contaminated, and that local residents received contaminated drinking for up to a 2-year period establish the urgency for taking the action. Although EPA believes that the data clearly shows that the FPR facility is the primary source of the release, this is strictly a liability issue. The implementation of a groundwater restoration or containment remedy is not contingent on the demonstration of a former or future potential hydraulic connection or contaminant migration.

With regard to comments relating to the quality of the groundwater model, EPA knew that this would be an important issue with regard to liability and chose a nationally recognized center of expertise, the USACE WES, to develop the model. WES completed the work in 1998 and published a report that described the methodology, assumptions, input data, and results. From the beginning of this project, EPA adopted an "inclusive-policy" approach whereby EPA solicited comments from all interested parties, including representatives of federal, state, and local regulatory agencies, the city of Fort Lauderdale, the community, and PRPs, on various draft interim deliverables and the final modeling report. Several meetings were held to discuss the results, and the model was subsequently revised in 1998 to incorporate the peer review comments. The most recent work has involved the development of different remedial



*simulations using the model developed in 1998. The results from the remedial simulations were included and used to develop the feasibility study (FS) addendum and are included in the Administrative Record.*

*While comments from federal, state, and local agencies, and the community were generally supportive of the modeling results, the PRPs' comments were generally critical of model. These issues primarily relate to input parameters such as effective porosity and the model calibration. It is true that these issues have been greatly debated over the past 2 years. EPA has reviewed and discussed with the PRPs their comments and concerns, but this may simply be a case where technical experts disagree. Although the PRPs' technical comments have been formally addressed in detail, a brief response to the PRPs' significant comments regarding the groundwater model follows.*

### **Numerical Modeling Facts**

*It is true that the root-mean-square (RMS) error for the snapshots, when taken individually, is larger than 10 percent of the individual ranges. It was never reported otherwise. One snapshot showed an error of 38 percent. However, for this snapshot, the RMS error was 0.27 foot, or about 3 inches. The mean error was 0.20 foot. The mean absolute error was 0.21 foot (2.5 inches). Therefore, virtually all the predictions were 0.2 foot too high. The head gradients and flow directions predicted by the model match those in the field very closely. In retrospect, the error measure chosen for this study (RMS error/observation range) is probably not the best measure of model performance for this site. Several of the other snapshots suffered from the same problem: generally too much or too little water. These uniform errors often may be attributed to slight errors in timing when heads are rising or falling or to the time averaging problem. Model results represent weekly or monthly averages of groundwater heads. These are compared with "instantaneous" measurements made in the field. These instantaneous measurements, particularly near the surface, are subject to influence by very recent rainfall and changes in pumping at the well field.*

*Much discussion is devoted to the apparent error at one point near the canal, observation well G-854. The errors originally reported at G-854 were very troubling. Model predictions were consistently low by about 2 feet. The U.S. Geological Survey (USGS) was contacted to verify the data. Upon investigation and re-leveling, the well datum was discovered to be in error by 1.95 feet, making the model predictions match observations very well. In fact, virtually all the errors for this observation point are now over-predictions. Thus, using Golder's reasoning, the model may be under-predicting the northward migration of the plume.*

*To verify the reasonableness of the model calibration, the flow model calibration was examined and generally commended by two third-party reviewers, including the Idaho National Engineer and Environmental Laboratory and the University of Waterloo.*



## Effective Porosity Facts

*The entire debate of effective porosity stems from the fact that numerical models for groundwater flow and transport were not designed for highly heterogeneous media. This problem is being corrected slowly as new models emerge and old models are extended. In the meantime, we must use traditional modeling tools creatively to represent these heterogeneous systems. The Biscayne aquifer's behavior lies somewhere between a traditional porous continuum and a fractured medium. Drilling logs noted high primary and secondary porosities. Groundwater models are available that simulate flow and transport through single-porosity material, dual-porosity (mobile-immobile) material, or fractures. None of these approaches is suitable for representing preferential transport through the Biscayne without some model adjustments.*

*Two issues are being addressed with the transport model: (1) migration patterns and evaluation of the leading edge, and (2) remedial simulations. These require that two different parts of the pore space be represented. For the leading-edge estimations, the EPA's conceptual site model (CSM) proposes highly preferential flow through only a few pathways. For this simulation, the advective velocity should reflect the seepage speeds in those high-conductivity paths, not the bulk conductivity. For this assessment, the effective porosity used to compute seepage velocity may be only a fraction of the specific yield. For high Peclet number (ratio of advective speed to diffusive speed) transport, the medium "acts" more like a fractured system than a porous medium. For lower Peclet number transport, it behaves more like a porous medium. These same trends were also found in modeling done by Ii et al (1995). In their work, at very low velocities, the apparent effective porosity was nearly equal to the specific yield (10 percent). However, with large flows, the apparent effective porosity was 1/20th the specific yield (0.48 percent).*

*For the remedial simulations, the primary mechanism for contaminant removal is by natural attenuation. Therefore, the leading edge of the plume is less of a concern. The conservative approach would use a lower seepage velocity (higher effective porosity) to represent those contaminants in lower permeability material. These contaminants will be subject to less dilution and mixing. Thus, a value of 10 percent was chosen for the Biscayne aquifer for these simulations.*

*The extensive data review establishes a range for the specific yield. Again, specific yield is not the effective porosity required to simulate transport in a heterogeneous medium. Using the specific yield to estimate effective porosity assumes that the entire, inter-connected pore space participates equally in transporting constituents. This assumption may be poor in heterogeneous media and lead to grossly erroneous predictions of migration speeds. The ONLY way to measure the appropriate effective porosity coefficient is by large-scale tracer tests. The closest available study to a tracer test in this aquifer is the USGS evaluation of a brackish artesian well (Merritt, M. L., 1996, "Numerical simulation of a plume of brackish water in the Biscayne aquifer originating from a flowing artesian well, Dade County, Florida," WSP2464, USGS). Initial estimate of hydraulic conductivity was 5,000 feet per day. The effective porosity for transport was set to the specific yield for the Biscayne: about 0.2. But the salt water plume*



*moved much less than expected in this layer of the model. Rather than adjusting the effective porosity, the modelers decided to adjust their hydraulic conductivity by a factor of 6. Nearly the same breakthrough time would be achieved using an effective porosity of 0.2/6 or about 3.5 percent.*

*Recent work by Chunmiao Zheng, the author of MT3D, further emphasizes the need for a multiple-porosity formulation. Zheng was attempting to model observed tracer movement at the MADE site, a highly heterogeneous alluvial deposit. He was unsuccessful using a single porosity model with effective porosity near the specific yield. Using a dual-porosity approach (mobile-immobile), he obtained a much better fit to the data. The fraction of the porosity that was declared "mobile" was about 1/7. Thus, the effective porosity for the mobile region was approximately 0.3/7 or about 4 percent.*

### **Remedial Simulations**

*Golder rightly notes that the shallow zone contamination increases rapidly soon after the simulation begins. There is an apparent co-mingling of the two distinct plumes. They incorrectly attribute the appearance in the south to lateral migration of contaminants in the shallow zone. All of these observations are attributable to vertical interaction between the shallow and deep zones.*

*Vertical conductivities in the model were taken from the anisotropy ratios used in the SFWMD model of Broward County. Over the range of anisotropies tested, the anisotropy ratio did not appreciably affect the flow calibration and was retained. Recently, measured vertical gradients were examined more carefully. The model was slightly under-predicting the measured gradient and over-predicting the vertical flow. The vertical anisotropy was adjusted to provide a better match of vertical gradients. This change reduces the vertical interaction between the shallow and deep plumes.*

*The local appearance of high concentrations in the shallow zone is due to the partial penetration of the former borrow pit into the second model layer. A composite conductivity is assigned to the cells in layer 2 that contain the borrow pit. This very high conductivity causes a locally high leakage to be computed. The implication is an artificially high connectivity between the borrow pit and the Biscayne aquifer. Likewise, this has been corrected in the model. Again, because the remediation time is determined by contaminants in the deeper zone, little difference in the answers is anticipated.*

*Some diffusive movement is unavoidable in a discrete numerical approximation. This model has cells with very high concentrations adjacent to cells with very low concentrations. This is an issue of model resolution. Because the primary questions were initially related to plan-view flow directions, we elected to devote most of the resolution to the lateral discretization. This small, numerical spreading could be lessened with additional layers in the model. But the model*



*representation of the deeper aquifer would change little and only the lower concentrations in the shallow zone would be affected.*

*Golder also notes a lack of southerly migration of the general plume. Careful inspection of the deeper plumes shows movement to the south and east over the first 6 years. After this time, decay causes an apparent receding of the plume because the 1 part per billion (ppb) total volatile organic compound (TVOC) contour is moving northward. The generally slow movement of the plume is attributable to the relatively high effective porosity (10 percent) and a slow movement of contaminants from the shallow zone to the deep zone near FPR. The near-surface source of contamination from FPR was not included in the simulations, but there is contamination in the shallow zone (Figure 1 of the Technical Memorandum). Because there is very little movement in the shallow zone and a slight downward flow at FPR, the remaining groundwater contaminants at 60 feet below ground surface provide a "source" of contaminants for the lower layers. It is this process that motivated the location of two 50-gallons per minute wells near FPR.*

#### **4.1.2 Peele-Dixie Wellfield Contamination**

In addition to comments that the groundwater model cannot be used to reliably show a hydraulic connection between the FPR facility and Peele-Dixie Wellfield, the PRPs contend that other factors such as contaminant distribution and degradation, the North New River Canal, and other sources of contamination preclude the possibility that the FPR facility contaminated the Peele-Dixie Wellfield.

##### **4.1.2.1 Contaminant Distribution and Degradation**

The PRPs contend that the distribution and degradation of contaminants at the site preclude the possible contamination of the Peele-Dixie Wellfield by FPR. Specifically, the PRPs reason that groundwater data collected thus far has shown only the presence of parent compounds (i.e., perchloroethene [PCE] and trichloroethene [TCE]) at the FPR facility and in the wellfield. They state that all parent compounds are degraded on site and, therefore, any parent compound in the wellfield must be from a different source.

***EPA Response:*** *EPA disagrees with the PRPs' analysis of the distribution and degradation of the parent compounds at the FPR facility and wellfield. EPA believes that the contaminant distribution and degradation is indicative of differing degradation rates due to changes in water chemistry. EPA believes that distribution of the volatile organic compounds (VOCs) contamination at the FPR facility show that the contaminants migrated downward into the more transmissive zones of the aquifer. After reaching the more transmissive zone, EPA believes that the PCE and TCE parent compounds were able to migrate rapidly into to the Peele-Dixie Wellfield. EPA believes that the data support the degradation of the parents into daughter products, which include dichloroethene (DCE) and vinyl chloride in the vicinity of the facility and northward up to the wellfield. Once in the wellfield, however, EPA believes that the aquifer*



*conditions change to a more oxygenated environment, retarding the breakdown of the parent compounds. Parent compounds have remained at the facility due to the extremely high initial contaminant levels and at the wellfield due to the more oxygenated environment expected during the historical unrestricted pumping of the wellfield.*

#### **4.1.2.2 North New River Canal**

The PRP Group also contends that conditions at the North New River Canal would have prevented the migration of contaminants from FPR to the Peele-Dixie Wellfield. The PRPs reason that due to the fact that the portion of the canal between the wellfield and FPR facility is saline, if pumping at the wellfield had been such that a gradient was induced south of the wellfield, the wellfield would have been impacted by saltwater intrusion prior to mobilizing contaminants at the FPR facility.

**EPA Response:** *EPA disagrees with the PRPs' evaluation of the influence of the North New River Canal on groundwater movement in the vicinity of the wellfield. First, measurements of groundwater elevations have generally shown that downstream of Sewell Lock, in the vicinity of the wellfield, groundwater discharges to the canal. This is consistent with the upward vertical gradients measured during the remedial investigation (RI). Second, due to the age of the canal, significant amounts of sedimentation and vegetative growth have reduced the hydraulic communication between the canal and groundwater. Finally, the RI report showed that contaminants migrated into the highly transmissive zones of the Biscayne aquifer, spreading out laterally through the lower portions of the aquifer. Since pumping of the wellfield was from the lower transmissive zones of the aquifer, contaminants would have been expected to have migrated with the groundwater through the highly transmissive zones of the aquifer before inducing a downward gradient into less transmissive zones of the aquifer. Clearly, the PRPs' analysis is inconsistent with the hydrogeologic conditions specific to the site.*

#### **4.1.2.3 Historical Potentiometric Maps**

Comments from the PRPs suggest that there are no potentiometric maps that show the groundwater gradient induced by the wellfield pumping extending southward, beyond the North New River Canal. The PRPs suggest that this is evidence that the pumping at the Peele-Dixie Wellfield never created a gradient that extended beyond one-half mile from the wellfield.

**EPA Response:** *EPA disagrees with the PRPs' interpretation of the historical potentiometric maps. EPA's review of the historical groundwater monitoring data and associated potentiometric maps indicates that the amount of historical groundwater monitoring data north and south of the canal is limited. Furthermore, discussions with the SFWMD indicate that during the development of potentiometric maps, surface water features such as the North New River Canal were contoured as a groundwater divide, based on convention, and may not accurately reflect the actual site conditions. The influence of a canal on groundwater movement would need to be assessed on a site-specific basis.*





#### 4.1.2.4 Other Sources

##### Why Focus on FPR?

The PRPs have consistently questioned why EPA focused its efforts on the FPR Site as a source of contamination to the Peele-Dixie Wellfield, when the FPR Site was not identified as a likely source of contamination during the initial investigation of the wellfield. The PRPs question why EPA changed its focus on the source of contamination of the wellfield in view of Florida Department of Environmental Regulation's (FDER) conclusion that the source of the wellfield contamination was in proximity to PW-18. The PRPs also believe that EPA mischaracterized the contamination in the 21st Manor Dump and that the dump may be the source. According to BB&L's comments, EPA's investigation of the dump was too shallow to have located potential releases of a dense nonaqueous-phase liquid (DNAPL) that could have caused the wellfield contamination. As part of its evaluation of the source of the wellfield contamination, BB&L presents a figure denoting the probable location of the source (Figure 2-4, BB&L, 1998).

Finally, ARCADIS Geraghty & Miller (AGM) theorized that due to the presence of PCE in the wellfield and lack of PCE at depth, there must have been a release of PCE in the wellfield. According to AGM, PCE, a well-known parent compound, was detected at concentrations between 1.3 to 1.91 micrograms per liter ( $\bullet$  g/L). However, the maximum PCE concentration ever reported at FPR was 260  $\bullet$  g/L, at a maximum depth of 45 feet. AGM believes that the absence of contamination at depth below FPR is evidence that there could not have been any migration of PCE from FPR to the wellfield.

***EPA Response:*** *EPA disagrees with the PRPs' premise that because the FPR Site was not initially considered as a source of groundwater during the investigation of the Peele-Dixie Wellfield, it is now disqualified from consideration. Likewise, EPA disagrees with the PRPs' premise that because a site was initially considered as a source of contamination, it cannot later be ruled out as a contaminant source. This type of logic defies all principles regarding sound scientific reasoning.*

*EPA initially considered the 21st Manor Dump to be the source of the wellfield contamination primarily due to its proximity to production well PD-18. To evaluate the dump as a potential source of contamination, an extensive subsurface soil sampling investigation was conducted that included the installation of 25 soil borings that penetrated the full thickness of the dump. None of the samples collected indicated the presence of chlorinated VOCs (CVOCs). Hence, the dump was ruled out as a source of contamination. In spite of these data that overwhelmingly show the absence of any CVOCs in the soil, BB&L suggests that there may have been a DNAPL release at the dump that could have somehow avoided leaving residual contamination within the soil, but migrated downward out of the dump, and contaminated the production zone in the wellfield. While it is true that DNAPL releases are difficult to detect using traditional soil-sampling techniques, it is unlikely that among the 25 borings with multiple collection depths in each borehole, no CVOCs would have been detected had waste been present at levels high*



*enough to constitute a DNAPL. Moreover, groundwater contaminant levels in the wellfield do not even approach the threshold value of 1 percent of the compound solubility that would suggest the presence of a DNAPL. Concentrations of 1,2-DCE detected in the wellfield never exceeded 300 • g/L, which is more than 100 times less than 1 percent of the solubility of 1,2-DCE.*

*If the dump (or other locations in the wellfield) were the source of contamination in the wellfield and represented an ongoing source of contamination (for which there has been no removal of the alleged source), then there is no known explanation for the dramatic decrease in CVOCs in the wellfield in only 5 years of pumping. Total CVOCs have dropped from 300 to 10 ppb in less than 5 years. This type of reduction in CVOCs in such a short period of time is not consistent with a groundwater containment system. Only two wells are being pumped to hydraulically contain the water in the southern part of the wellfield. Clearly, the system in operation is not designed as an efficient groundwater recovery system intended to restore the aquifer. The most plausible explanation for the rapid removal of CVOCs is that the pumping has removed remnant CVOC contamination that was released from a distant source. If there were still a source (i.e., DNAPL) present in the dump, clearly there would not been such significant removal of the CVOCs in such a short period of time.*

*Finally, AGM's theory that there may have been a release of PCE in the wellfield is unsupported. During its initial investigation of the wellfield contamination, EPA considered the possibility of a release of PCE from possible equipment maintenance and cleaning. The city of Fort Lauderdale provided EPA with a summary of its well maintenance practices. The city documented that minor well servicing that may have included pump lubrication would have been conducted at the wellhead, while major pump repairs would have been made at the city's central shop.*

*The city advised EPA that at no time would it have used CVOC degreasers at the wellfield. The concentrations of PCE (i.e., 1.3 and 1.91 • g/L) detected in the wellfield are too low to suggest the possibility of a source of CVOCs, particularly when contrasted with FRP, where source concentrations were on the order of hundred of millions parts per million. With regard to the absence of PCE at depth, it is plausible that the PCE concentrations observed in the wellfield at shallower depths are the remnants from the initial influx of contaminant from FPR and, due to differences in water chemistry in the upper and lower zones of the aquifer, may not have been completely degraded to DCE.*

### **Geography and Hydrogeology Dictate Other Sources**

One of the PRPs contends that as a result of the urbanization of the Site area and highly transmissive nature of the aquifer, the aquifer is acutely sensitive to the activities conducted above it and, as a result, must have been contaminated by additional sources other than just FPR. The PRP asserts that to believe otherwise ignores this basic fact.



**EPA Response:** EPA disagrees with this PRP's assertion that because an area is industrialized, by definition it must include a concentrated source of CVOC contamination. While industrialized areas as a rule tend to have higher concentrations of metals and total petroleum hydrocarbon contamination, a concentrated source of CVOCs of the magnitude to have impacted the water quality at depths of 140 feet would have to have been from a significant release, not from de minimus releases consistent with the specified uses of the chemical.

The PRP is correct, however, that due to the unique hydrologic properties of the aquifer, the aquifer is acutely sensitive to the activities conducted above it. This is best illustrated by a comparison of the shallow and deep contaminant data at FPR and the other waste oil recycling facilities in the area. The following table summarizes the maximum CVOCs detected in wells screened near the water table and at an approximate depth of 50 to 60 feet below land surface. As the commenter points out, there is rapid penetration of contaminants due to the unique hydrologic properties of the Biscayne aquifer and, as a result, the water quality of the aquifer is acutely sensitive to the activities conducted above it. Clearly, FPR represents a significant source of CVOCs that has greatly impacted the underlying groundwater. Conversely, evidence from the other oil facilities indicate they do not represent a significant source of contamination at the surface and, therefore, have not impacted the underlying groundwater.

**Selected Maximum Chlorinated VOCs  
Florida Petroleum Reprocessors and  
Other Nearby Oil Facilities**

Contaminant	Florida Petroleum Reprocessors		Perma-Fix <sup>1</sup>	Cramer-Maurer Oil	Neff Oil	Petroleum Management, Inc.
	Water Table	Inter-mediate <sup>2</sup>	Water Table			Intermediate <sup>3</sup>
PCE	260	ND	ND/ND	ND	ND	ND
TCE	100,000	14,000	1/ND	ND	ND	4
1,2-DCE (total)	270,000	40,600	5/ND	3	1	ND
Vinyl Chloride	18,000	1,400	20/177	ND	43	ND

**Notes:**

1 - First value is EPA data collected in January 1998 as part of RI. Second value is from Perma-Fix sampling of its facility in March 1997.

2 - Data from EPATW-1S, screened 50 to 60 feet below land surface.

3 - Data representative of wells EPA-15S and EPA-18S, screened from approximately 50 to 60 feet below land surface.



### **Other Oil/Industrial Facilities**

The PRPs have identified numerous facilities in the vicinity of the FPR Site that they believed to have caused the plume of contamination in the Peele-Dixie wellfield or plumes of contamination south of the FPR Site. According to the PRP Group, there is a myriad of evidence of other, more probable sources of contamination in the CVOC plume area mapped by EPA than the FPR Site. The PRP Group alleges that EPA has ignored this information and done little to investigate these other sources of contamination.

Additional sources of contamination identified by the PRPs includes Perma-Fix, Petroleum Management, Inc., Neff-Oil, Cramer Maurer Oil Pit, Atlas Waste Magic, Wheelabrator South Broward, and Davie Concrete. The PRPs allege that the first four waste oil facilities are likely candidates for the VOCs, and that Neff-Oil and Cramer-Maurer were larger in scope than the operations at FPR. The PRPs obtained records from the state and county on several of the facilities and summarized some of the data in their comments. They also provided EPA with a summary of the state's and county's enforcement history with several of the sites. According to the PRPs, these facilities have not been thoroughly investigated and are sources of contamination causing the two plumes they delineated south of the FPR Site.

In addition to the discussion of these facilities, the PRPs compiled a list of 78 sites within a 1-mile radius of the FPR Site that includes hazardous waste facilities and leaking underground storage facilities. The PRPs contend that remediation of the Biscayne aquifer can only succeed if EPA stops attributing the contamination to the FPR Site and addresses these multiple sources of contamination.

***EPA Response:*** *EPA disagrees with the PRPs' assertion that the Agency has done nothing to investigate the possibility of other sources of groundwater contamination in proximity to the FPR Site and the Peele-Dixie Wellfield. To suggest otherwise is simply a false characterization of the facts. A consultant for one of the PRPs called attention during the Proposed Plan meeting held in June 2000 to the Start's Junkyard Site and 28 other potential sources located in an L-shape around the wellfield where he claimed faulty sampling collection occurred.*

*During the initial investigation of the Peele-Dixie Wellfield contamination and the subsequent FPR RI, EPA investigated numerous other sites as possible sources of contamination. This investigation included a historical aerial survey of the area, review of State and County records, and, in several cases, the collection of samples from the other facilities. The additional sources considered are as follows:*

- *Broward County 21st Manor Dump*
- *Peele-Dixie Wellfield*
- *Residence South of Wellfield*
- *Palm Trucking*
- *Atlas Waste Magic*



- *Complete Well Point*
- *Perma-Fix*
- *Petroleum Management, Inc.*
- *Neff Oil*
- *Cramer-Maurer Oil Pits*
- *Wheelabrator, Inc.*
- *Davie Concrete.*

*EPA investigated and ruled out each of these facilities as potential sources of contamination of the same magnitude as FPR and which could have been large enough to have impacted the wellfield. The data EPA collected are included in the RI report.*

*EPA rejects a suggestion that the 78 businesses denoted within a 1-mile radius of the FPR Site are indeed sources of contamination to the Peele-Dixie Wellfield that should be sampled extensively before a remedy can be selected. There are no data to support this view or anything to suggest that future sampling is warranted.*

#### **4.1.2.5 Faulty Sampling Methods**

At the Proposed Plan public meeting held in June 2000, a consultant to one of the PRPs questioned the early sampling data used in the USACE groundwater modeling data, saying that contaminant concentrations were elevated from faulty well drilling methods. He said that DNAPL was found in deep aquifers from samples taken from contaminated wells, but that current samples collected from wells installed with better drilling methods showed that DNAPL has disappeared.

***EPA Response:** Mr. Bauch repeatedly has suggested that there is some other cause to the contamination other than the FPR Superfund Site. He repeatedly has attempted to discredit any finding that are contrary to his initial characterization of the FPR facility on behalf of the facility owner. Over the years, he has faulted EPA's investigation of the FPR facility, suggesting that the data are faulty either as a result of improper well installation or as a result of constructing the wells with polyvinyl chloride. He also has suggested that the contamination is the result of releases from a former facility south of FPR known as Complete Wellpoint. According to Mr. Bauch, Complete Wellpoint stored vinyl chloride in an underground tank for fabrication of polyvinyl chloride. As EPA has explained to Mr. Bauch in the past, all of these allegations are unfounded.*

*EPA used standard well installation protocols and was very careful in the installation of wells and collection of subsurface soil samples. Hundreds of samples have been collected from this facility over the years by multiple contractors for both EPA and the PRPs. It is unreasonable to assume that all of the sampled were collected improperly or that the data are faulty.*



*With regard to the Complete Wellpoint facility, records show that the facility fabricated groundwater extraction systems at construction sites in order to dewater excavations. The only underground storage tank was for diesel fuel. Not only did the fabrication occur at the construction site, but vinyl chloride is not a constituent of the solvent used to weld PVC pipe. Welding solvents commonly contain a mixture of two or more of the following compounds: tetrahydrofuran, methyl ethyl ketone, methyl isobutyl ketone, cyclohexanone, and dimethylformamide (EPA, Handbook of Suggested Practices for the Design and Installation of Groundwater Monitoring Wells, EPA/600/4-89/034, March 1991).*

#### **4.1.3 Alternative Cleanup Plan**

Although the PRP Group states that it is not responsible for, nor affiliated with, contamination in the vicinity of the Peele-Dixie Wellfield, it suggests in its comments that EPA consider an alternative to the preferred remedy outlined in the Proposed Plan. The PRPs contend that there are no current risks to the wellfield and that selection of the preferred remedy would be inconsistent with the NCP. As an alternative, the PRPs suggest the implementation of a groundwater monitoring program to establish the maximum rate that the northern and southern portions of the wellfield can sustain without mobilizing the groundwater plume. The city then would be required to limit pumping to that rate until natural attenuation reduces contaminant levels in proximity to the wellfield and the levels no longer pose a threat to the wellfield through increased pumping. The PRPs believe that this approach “has the greatest probability of achieving the established remedial action objectives within a relatively short time frame, and certainly a greater probability than an untested, relatively complicated hydraulic barrier which has yet to be designed or built.”

**EPA Response:** *EPA disagrees with the appropriateness of the PRPs’ proposed remedial alternative. First, EPA believes that the statute and NCP are clear regarding the need to actively restore contaminated aquifers to their beneficial use as rapidly as possible, especially when a drinking water supply has been impacted or may be potentially threatened in the future. The use of MNA under these circumstances is inconsistent with the NCP and guidance. EPA believes that the statute and NCP provide a strong basis for the selection of a remedy that is designed to actively restore the aquifer to its beneficial use (i.e., maximum contaminant levels [MCL], MCL goals).*

*EPA formerly evaluated pump-and-treat alternatives for the restoration of a significant portion of the groundwater plume, but after further analysis of the fate and transport of groundwater contaminants through groundwater modeling, EPA now believes that the requirements of public health protection and groundwater restoration can be achieved through a more focused effort of pumping and treating in the wellfield in combination with natural attenuation. Since groundwater modeling results suggest that MNA would be effective in treating much of the groundwater plume before downgradient drinking water supplies could be affected, EPA determined that the collection and treatment of water via the wellfield could cost-effectively protect the drinking water resource in the wellfield. The pump and treat system will be designed*



to collect and treat contaminants from the northern portion of the plume that may enter the Peele-Dixie Wellfield.

*Finally, it is unclear as to how the PRPs reason that monitored natural attenuation will be more effective in achieving the remedial action objectives in a shorter period of time than pumping and treating the groundwater. The PRPs' contention that the fact that the containment system has not been designed or built yet makes it inferior to monitored natural attenuation is also perplexing. Clearly, monitored natural attenuation cannot provide faster and more effective remediation of the groundwater and protection of the Peele-Dixie Wellfield than the collection and treatment of contaminated groundwater.*

#### **4.1.4 Alternative GW4 Remediation Cost Estimate**

The PRPs contend that EPA severely underestimated the capital cost for construction and the long-term operation and maintenance cost for Alternative GW4. The PRPs suggest that the present worth cost for implementation of Alternative GW4 would be closer to 5.6 to 6.2 million dollars.

**EPA Response:** *EPA disagrees with the PRPs; analysis of the cost estimate for Alternative GW4. EPA's review of the PRPs' cost estimate indicates that they used discount factors of 3 percent and 5 percent, which is different than that specified in EPA's current guidance for calculating net present value. EPA's guidance for calculating net present value specifies the use of a discount factor of 7 percent. Based on the use of a 7 percent discount factor, the PRPs' cost estimate is \$5,564,000, which is within the range of cost estimate precision specified in EPA's RI/FS guidance of plus 50 percent to minus 30 percent. Nevertheless, further review of the PRPs cost estimate indicates that some project costs seem excessive and nonsupportable, given the anticipated scope of work. For example, the PRPs have included contingencies totaling 65 percent of the total cost of construction. Use of a more reasonable contingency factor of 25 percent would decrease the PRPs' capital cost estimate by approximately \$651,000.*

#### **4.1.5 Remedial Alternative Specificity**

On several occasions, the PRPs commented the remedial alternatives outline in the Proposed Plan lack the necessary degree of specificity for proper evaluation.

**EPA Response:** *EPA disagrees with the PRPs' comments that the alternatives outlined in the Proposed Plan lacked the necessary degree of specificity for proper evaluation. The Proposed Plan outlines the basic frame work of each remedial alternative. EPA believes that sufficient detail was provided not only to evaluate the differences among the remedial alternatives, but to develop an order of magnitude cost estimate for the alternatives. The PRPs seem to be seeking the level of detail that would normally be available after the completion of the remedial design.*



*Furthermore, EPA is somewhat surprised by this comment, given the fact that two meetings were held with all of the stakeholders prior to the release of the Proposed Plan. At that time, EPA discussed the plans for the alternatives to be included in the Proposed Plan and provided everyone with an opportunity to comment on the proposed alternatives prior to the issuance of the Proposed Plan.*

#### **4.1.6 Alternative GW4 Not Cost-Effective**

The PRP Group and FDOT provided comments on the lack of effect the wellfield protection component of the remedy had on the overall site remediation time. They noted that the overall remediation time for Alternatives GW3 and GW4 were both 15 years. The PRP Group and FDOT reasoned that since the overall remediation time was not decreased nor is the wellfield currently threatened, the additional cost for Alternative GW4 is not justified, and therefore cannot be considered cost-effective.

***EPA Response:*** *EPA disagrees with the PRPs and FDOT's comments that Alternative GW4 is not cost-effective. Clearly the PRPs and FDOT misunderstood the reason for the development of Alternative GW4. The only difference between Alternative GW3 and GW4 is the protection of the Peele-Dixie Wellfield.*

*EPA included this component in an attempt to address the requirement of Section 118 of CERCLA and to address the expectations in Part 300.430 of the NCP and the preamble to the NCP. Both CERCLA and the NCP are clear that in cases where Class I aquifers or groundwater within a wellhead protection area are threatened or potentially threatened by the release of hazardous substances, pollutants, or contaminants, or where contaminants have contaminated a drinking water supply, EPA expects to restore the groundwater to its beneficial use as rapidly as possible. In light of the requirements of CERCLA and the NCP, EPA could have supported the implementation of a groundwater restoration remedy. However, EPA chose to pursue a more measured approach that incorporated the potential risks of exposure based on the groundwater modeling predictions. Based on the groundwater modeling predictions, EPA concluded that the area at greatest risk from contamination by the FPR plume is the Peele-Dixie Wellfield.*

*Accordingly, EPA develop a cost-effective remedy (Alternative GW4) that focused on the protection of the wellfield and would enable the city to resume unrestricted use of the wellfield as rapidly as possible. One approach considered was the groundwater restoration of the northern portion of the FPR groundwater plume. Because of the millions of gallons of water that would have been required to be pumped, treated, and disposed of on a daily basis to restore the northern portion of the plume, EPA developed a more cost-effective alternative (GW4) that was predicated on the collection and treatment of contaminants that may enter the wellfield from the northern portion of the groundwater plume. EPA, therefore, selected Alternative GW4 on the basis that it was the best approach available, balancing issues regarding compliance with CERCLA and the NCP, cost, and potential risk.*





#### 4.1.7 Wellfield Groundwater Remedy Not Warranted

The PRPs contend that implementing a remedy for the Peele-Dixie Wellfield is not warranted or supportable under CERCLA, as there are no exceedances of MCLs or any threat to human health, welfare, or the environment.

**EPA Response:** *EPA disagrees with the PRPs' comment that the selection of a wellfield remedy is not supportable under CERCLA. Clearly, the PRPs have lost sight of the basis for a groundwater remedial action for this site. As stated previously, the FPR and secondary source area have released hazardous substances that have contaminated a large portion of a Class I, sole source, drinking water aquifer. The releases to the aqueous plume have also contaminated a drinking water supply and resulted in the closing of drinking water wells.*

*Pursuant to CERCLA, Congress mandated that a higher priority be assigned to releases that have either contaminated a drinking water supply or resulted in the closing of water supply wells. Furthermore, the NCP and preamble is clear regarding EPA's expectation to restore drinking water aquifers to their beneficial use as rapidly as possible where releases have contaminated or threatened Class I aquifers or wellhead protection areas. Exceedances of MCLs in a wellfield or current risks to human health clearly are not criteria specified in CERCLA or the NCP for taking an action. EPA's mission is to protect human health. Arguably, if EPA were to allow contaminants to go unchecked until they contaminate a drinking water supply, or if people are actually exposed to contaminated water, EPA will have failed in its mission of protecting human health.*

*EPA, therefore, selected Alternative GW4 has a cost-effective alternative to address the area at greatest potential risk. EPA felt that this would be a reasonable alternative to the presumptive remedial approach of pumping and treating large quantities of water over extended periods of time to restore contaminated aquifers to their beneficial use.*

#### 4.2 Miami-Dade County

Miami-Dade County submitted comments that restated the Group's position that there is no evidence that releases from the FPR facility impacted the Peele-Dixie Wellfield, and as a result, EPA should not target the "deep-pockets" of the Group for the cleanup of the wellfield.

**EPA Response:** *Over the past several years, EPA has communicated with the PRP Group at numerous meetings and in EPA documents that it disagrees with the Group's assessment that releases from the FPR facility have not impacted the Peele-Dixie Wellfield. Furthermore, this issue of whether or not the FPR facility impacted the Peele-Dixie Wellfield is one of potential liability, not remedy selection.*

*Based on the criteria set forth in the NCP and CERCLA, EPA is supposed to give a high priority to the protection of drinking water supplies and groundwater resources currently threatened or*



*that may be threatened in the future by contaminants. EPA made its remedy selection on the fact that contaminants have been released into the Biscayne aquifer, a Class I aquifer, that also has received "Sole Source" designation. Depending on the interpretation of the data, the release has either migrated into or is in proximity to a wellhead protection area. The nature and extent of the groundwater plume documented during the RI and its threat to the Peele-Dixie Wellfield cannot be disputed. Likewise with comments from FDOT, issues raised by Miami-Dade County and the PRP Group regarding impact of releases from the FPR facility on the Peele-Dixie wellfield relate to potential liability and future settlement with the PRPs to perform the work, not remedy selection.*

*While EPA is hopeful that it will reach a settlement with the PRPs to implement the ROD, statutory or regulatory requirements for remedy selection are not predicated on the acceptability or potential for implementation of the remedy by the PRPs. This is consistent with the Agency's "enforcement first policy." The issue of whether or not the FPR facility impacted the Peele-Dixie Wellfield should be addressed more appropriately during settlement discussions for the remedial design/remedial action.*

#### **4.3 Florida Department of Transportation**

The FDOT submitted comments relating to EPA's belief that there is a secondary source along the Interstate-595 corridor that has commingled with the larger groundwater plume emanating from FPR. FDOT contends that the contamination is not the result of either of the former operations on the property known as Starta's Junkyard or Motor City Auto Parts, but rather is the result of the upwelling of groundwater contaminants that have migrated from the FPR facility. FDOT primarily cites references in the 1998 RI report by Bechtel Environmental, Inc. of vertical upwelling of groundwater in the vicinity of the I-595 corridor as the basis for the Department's assertion that there is no secondary source area. FDOT also cites a reference in the RI report stating a thorough environmental survey of the I-595 corridor conducted by FDOT did not find any potential sources of contamination.

***EPA Response:*** *EPA disagrees with FDOT's assertion that there is not a secondary source of groundwater contamination along the I-595 corridor. EPA believes that when viewed as a whole, the data is compelling for a secondary source of groundwater contamination that has contributed to the contamination of the Peele-Dixie Wellfield.*

*EPA believes that the most compelling line of evidence is the nature and distribution of contaminants in the groundwater plume and the geochemical data. A brief summary of the major points that EPA relied on in its assessment of the secondary source area follows:*

- *There is an increasing trend in contaminant levels in a downgradient direction from the wellfield southward. Normally, contaminant concentrations decrease with migration due to attenuation, not increase.*



- *Groundwater monitoring of the area for many years has shown consistently a localized area of higher contaminant levels in the area of the northbound off-ramp from the Turnpike to I-595.*
- *This area of higher contamination is consistent with the location on aerial photographs of the former Starta's Junkyard and a subsequent business, Motor City Auto Parts. Reclamation of auto parts for resale may have required that the parts be degreased, which could have been done with chlorinated solvents such as TCE or trichloroethane. Aerial photographs and interviews with former neighbors and operators confirm the presence of excavations at the property that were backfilled, in part, with junk cars.*
- *Chloromethane was detected in wells in proximity to the secondary source area and at the FPR facility, but not in wells between the two areas. This is consistent with the very short half-life (i.e., 43 days) of chloromethane and the 2,500-foot distance between the two areas. It is unlikely that chloromethane could have migrated this distance without degrading, strongly suggesting the presence of another source.*
- *Geochemical data collected from the secondary source area reveal elevated levels of  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ , and  $\text{Na}^+$ , likely reflecting the influence of fill material placed in backfill excavation. If groundwater were flowing upward from the deep zone of the shallow zone, the net chemical effect would be a dilution of the ionic concentrations in the shallow zone based on significantly lower concentrations of these constituents in the deeper groundwater. The distinct geochemistry of the shallow groundwater implies that much more concentrated (ionically) groundwater also must be contributing groundwater to the shallow zone, or the chemistry of the shallow zone would be diluted and more closely resemble the deep zone groundwater.*

*With regard to the issue of the presence of the groundwater contamination being the result of an upwelling of contaminants from deeper zones, references from the RI report were taken out of context. The RI report was written objectively and tried to offer other possible explanations to the contamination. The report noted the presence of upwelling in the vicinity of the canal as another possible explanation. However, the report also noted that upwelling of the groundwater contaminants in the vicinity of the I-595 corridor cannot account for the distribution of chloromethane and geochemical parameters.*

*FDOT also cites references in the RI report that indicate that the Department conducted extensive environmental surveys of the area prior to the acquisition of the property, suggesting that if the property were contaminated, it would have been discovered during the property acquisition. While this may appear to be the case from an initial review of the file material, a more detailed review of the files and discussions with a former owner, state officials, and neighboring business owners familiar with the acquisition of the property for the construction of I-595 indicate that this was not the case for the following reasons.*



- *Discussions with FDEP indicate that no formal environmental assessments were conducted during the acquisition of property for the construction of I-595 in the vicinity of the second source area. FDEP indicated that due to time constraints imposed by the construction schedule of I-595, environmental surveys were normally comprised of visual inspections of the property in an effort to identify obvious potential environmental problems (e.g., drums, tanks, etc.). Without a proper environmental assessment of the property that included the collection of numerous soil and groundwater samples, FDOT could not have known the environmental condition of the property.*
- *Discussions with FDOT confirm that while geotechnical data were collected to design the Interstate, no environmental samples were collected from the suspected secondary source area prior to the construction of I-595. This was confirmed by FDOT during the FPR Proposed Plan public meeting held on June 27, 2000.*
- *Discussions with the former property owner indicate that FDOT tried to devalue the price of the property due to environmental problems.*

*While EPA agrees with FDOT that there is no conclusive evidence that Starta's Junkyard or Motor City Auto Parts were the cause of the contamination, EPA does believe that there is compelling data and records that show the presence of a secondary source of groundwater contamination in the vicinity of the off-ramp from the Turnpike to I-595. The former location of Starta's Junkyard and Motor City Auto Parts most closely coincides with the location of the secondary source area. Whether or not this former property is the actual source of contamination can only be determined from a thorough investigation of this property through the installation of numerous soil borings, installation of monitoring wells, and the collection of soil and groundwater samples.*

*It is critical to note that the issue of whether or not the former Starta's Junkyard or Motor City Auto Parts are the source of the secondary plume of groundwater contamination relates only to potential liability. This issue does not relate to remedy selection. EPA based its remedy selection on the presence of groundwater contaminants at levels that significantly exceed federal and state MCLs in a Class I aquifer that also has been designated a sole-source drinking water aquifer. The location of the plume also is within a wellhead protection area.*

*Furthermore, the remedy selected by EPA does not require the full characterization of the secondary source area, since it is within the boundary of the area of remediation already required for the remediation of the FPR Site. EPA tried to avoid the characterization of the former Starta's Junkyard property due to: (1) the current location of the property underneath the eastbound lane of I-595 and the northbound Turnpike exit ramp; (2) the costs and physical hazards of conducting a large-scale environmental assessment in this portion of the Interstate; and (3) the absence of a need to perform the investigation for remedy selection. Additional source characterization may be required at a later date, however, for the purposes of allocating the cost of the cleanup.*



## **Appendix G**

IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF FLORIDA  
FORT LAUDERDALE DIVISION

UNITED STATES OF AMERICA,

Plaintiff,

v.

UNITED STATES SUGAR CORPORATION;  
BECKER GROVES, INC.; BENGAL MOTORS,  
INC.; BILL BRANCH CHEVROLET, INC.;  
BIRDSALL, INC.; BRADFORD MARINE, INC.,  
BREVARD COUNTY BOARD OF COUNTY  
COMMISSIONERS; BRIDGESTONE/  
FIRESTONE NORTH AMERICAN TIRE, LLC;  
CAPELETTI BROTHERS ENTERPRISES, INC.;  
CHEVRON ENVIRONMENTAL MANAGEMENT  
COMPANY; CLEAN HARBORS  
ENVIRONMENTAL SERVICES, INC.;  
CLIFF BERRY, INC.; EVANS PROPERTIES,  
INC.; EXXON MOBIL CORPORATION;  
FREIGHTLINER TRUCKS OF SOUTH  
FLORIDA, INC.; THE GOODYEAR TIRE &  
RUBBER COMPANY; HARBOR BRANCH  
OCEANOGRAPHIC INSTITUTION, INC.;  
HARDRIVES OF DELRAY, INC.,  
HOLLYWOOD LINCOLN MERCURY, INC.;  
CITY OF HOMESTEAD; HYDRO ALUMINUM  
ROCKLEDGE, LLC; JIM POWELL MOTORS,  
INC.; J.W. CHEATHAM, INC.; KIRCHMAN OIL  
CORPORATION; L.P. EVANS MOTORS  
WPB, INC.; MERRILL-STEVENS DRY DOCK  
COMPANY; MIAMI DADE COLLEGE;  
MIAMI-DADE COUNTY; MONTENAY  
POWER CORP.; MORSE OPERATIONS, INC.;  
NEW HOPE SUGAR COMPANY; OKEELANTA  
CORPORATION; PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS;  
PNEUMO ABEX CORPORATION; PORT  
EVERGLADES, DEPARTMENT OF BROWARD  
COUNTY; RYBOVICH BOAT COMPANY,  
LLLP, f/k/a SPENCER BOAT YARD; RYDER  
TRUCK RENTAL, INC.; SBG FARMS, INC.;  
SCHOOL BOARD OF BROWARD COUNTY,  
FLORIDA; SEARS, ROEBUCK, & CO.; SHELL  
OIL COMPANY; SOUTHEAST INTERSTATE  
SERVICES, INC.; SUNRISE FORD COMPANY;  
SYSCO FOOD SERVICES OF SOUTH  
FLORIDA, INC.; TARMAC AMERICA LLC;  
THYSSENKRUPP ELEVATOR CORPORATION  
f/k/a MIAMI ELEVATOR COMPANY;  
TIRE KINGDOM, INC.; TROPICAL  
SHIPPING AND CONSTRUCTION CO., LTD.;  
UNOCAL CORPORATION; VULCAN  
MATERIALS COMPANY; WALPOLE, INC.;  
WARREN WOOTEN FORD, INC.; FLORIDA  
DEPARTMENT OF TRANSPORTATION;

05-61271

CIV - HUCK

MAGISTRATE JUDGE  
SIMONTON

CLERK U.S. DIST. CT.  
S.D. OF FL-FTL

2005 JUL 29 PM 4:16

FILED BY: \_\_\_\_\_ D.C.

BARRY PAUL; BARRY PAUL d/b/a BARRY'S  
WASTE OIL; BONNIE PAUL; and OIL  
CONSERVATIONISTS, INC.

Defendants.

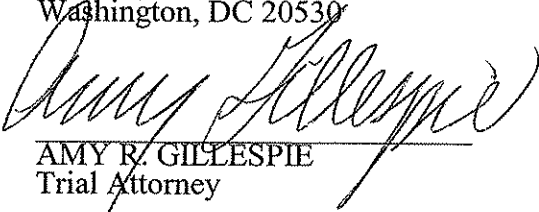
**NOTICE OF LODGING OF CONSENT DECREE  
FOR PUBLIC COMMENT PERIOD**  
(No Action Required)

The attached proposed Consent Decree is hereby lodged with the Court for public comment. Notice of the lodging of this settlement, and the opportunity to comment thereon, will be published in the Federal Register. The public will have thirty (30) days in which to submit comments to the United States Department of Justice on the Consent Decree. The 30-day period will begin on the date the notice of lodging of the Consent Decree is published in the Federal Register. Because of the public comment period, we respectfully request that the Court not execute the Consent Decree at this time. During the pendency of the public comment period, no action is required of this Court. After the 30-day public comment period has expired, the United States will inform the Court of any public comments timely received and any responses thereto, and move the Court to sign and enter the settlement, should it appear that the settlement is in the public interest, and not inappropriate, improper or inadequate.

The United States respectfully requests that the Court take no action with respect to the lodged settlement until the United States moves for the entry of the settlement or otherwise advises the Court.

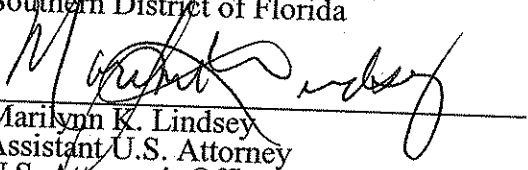
Respectfully Submitted,

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Atlanta, GA 30303



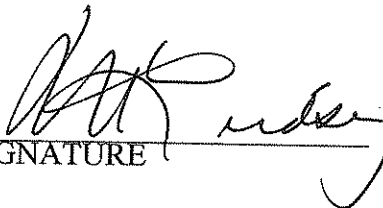
CERTIFICATE OF SERVICE BY MAIL

I, Matthew P. Coglianese, hereby certify and declare that on July 29, 2005, I served a true copy of the attached Complaint, Consent Decree, and Notice of Lodging of Consent Decree for Public Comment Period, by placing it in an addressed sealed envelope with postage fully paid to:

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Tallahassee, FL 32317-5828

  
SIGNATURE

IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF FLORIDA  
FORT LAUDERDALE DIVISION

UNITED STATES OF AMERICA

Plaintiff,

v.

U.S. SUGAR CORPORATION, et  
al.

Defendants.

05-61271

CIVIL ACTION NO. \_\_\_\_\_

W - HUCK

MAGISTRATE JUDGE  
SIMONTON

RD/RA CONSENT DECREE

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## I. BACKGROUND

A. The United States of America ("United States"), on behalf of the Administrator of the United States Environmental Protection Agency ("EPA"), filed a complaint in this matter pursuant to Sections 106 and 107 of the Comprehensive Environmental Response, Compensation, and Liability Act ("CERCLA"), 42 U.S.C. §§ 9606 and 9607.

B. The United States in its complaint seeks, inter alia: (1) reimbursement of costs incurred by EPA and the United States Department of Justice ("DOJ") for response actions at the Florida Petroleum Reprocessors ("FPR") Superfund Site ("Site") in Davie, Florida, together with accrued interest and (2) performance of certain response work by the defendants at the Site consistent with the National Contingency Plan, 40 C.F.R. Part 300 (as amended) ("NCP").

C. In accordance with the NCP and Section 121(f)(1)(F) of CERCLA, 42 U.S.C. § 9621(f)(1)(F), EPA notified the State of Florida (the "State") on March 23, 2001, of negotiations with potentially responsible parties regarding the implementation of the remedial design and remedial action for the Site, and EPA has provided the State with an opportunity to participate in such negotiations and be a party to this Consent Decree.

D. In accordance with Section 122(j)(1) of CERCLA, 42 U.S.C. § 9622(j)(1), EPA notified the U.S. Department of Interior and the U.S. Department of Commerce, National Oceanic and Atmospheric Administration on March 26, 2001, of negotiations with potentially responsible parties regarding the release of hazardous substances that may have resulted in injury to the natural resources under Federal trusteeship and encouraged the trustees to participate in the negotiation of this Consent Decree.

E. The defendants ("Settling Defendants," "the Paul Entities," and the State of Florida, Department of Transportation ("FDOT")) and the Settling Federal Agencies that have entered into this Consent Decree, do not admit any liability to the Plaintiff arising out of the transactions or occurrences alleged in the complaint, nor do they acknowledge that the release or threatened release of hazardous substances at or from the Site constitutes an imminent or substantial endangerment to the public health or welfare or the environment, nor do they admit that they are responsible for such releases. The Settling Federal Agencies do not admit any liability arising out of the transactions or occurrences alleged in any counterclaim asserted by the Settling Defendants, the Paul Entities, or FDOT.

F. Pursuant to Section 105 of CERCLA, 42 U.S.C. § 9605, EPA placed the Site on the National Priorities List, set forth at 40 C.F.R. Part 300, Appendix B, by publication in the Federal Register on March 6, 1998, 63 Fed. Reg. 11332.

G. Part of the FPR Site contains the former FPR waste oil reprocessing facility ("FPR Facility"). Operations were conducted at the FPR Facility from 1979 through 1992 under various names, including Barry's Waste Oil, Oil Conservationist, Inc. ("OCF"), FPR, and South Florida Fuels. Operations were generally reported to include the collection of waste oil (e.g., used motor oil, surplus fuels, marine oils and slops, hydraulic oils, aviation oils, and fuels) from local automotive, agricultural, and marine industry. Incoming waste oils were generally filtered, graded according to water content, and stored on-site in large bulk tanks. The waste oil was typically sold as fuel or to other waste oil marketers. Current records indicate that more than 15 million gallons of waste oil were processed at the FPR Facility.

H. Studies conducted by the EPA show that former operations at the FPR Facility have resulted in the contamination of surface and subsurface soils and groundwater by petroleum and volatile organic compounds ("VOCs").

I. In addition to the contaminants that have been released from the FPR Facility, a second source of groundwater contamination is located along the south side of I-595, and east of the Florida Turnpike. This second source is the location of a former junkyard known as Starta Sales & Salvage that operated at the location from 1965 until 1974. Approximately 1,600 junk cars had been stored on the property at one time, with some of the junk cars being dumped into a water-filled borrow pit along the west side of the property. Automobile salvage and service businesses continued to operate at this location until 1984. The former junkyard property was subsequently acquired by the FDOT in 1984 in advance of the construction of I-595 at this location in the late 1980s. FDOT does not admit that the location of the former junkyard known as Starta Sales & Salvage is a source of groundwater contamination.

J. In 1986, solvent-related contaminants were detected in excess of federal and state drinking water standards by the City of Fort Lauderdale, Florida ("City") in water samples obtained from production wells in the southern portion of the current Peele-Dixie Wellfield ("Wellfield"). This prompted a series of investigations by EPA, the State, Broward County, and the City to assess the cause and extent of contamination.

K. The City implemented interim remedial measures consisting of pumping groundwater into unlined pits at the Wellfield.

L. In response to a release or a substantial threat of a release of hazardous substances at or from the Site, in August 1995, EPA commenced a Remedial Investigation and Feasibility Study ("RI/FS") for the Site pursuant to 40 C.F.R. § 300.430.

M. Additionally, in 1994 the City entered into an Administrative Order on Consent ("AOC") with EPA to address the contamination in the Wellfield and constructed an air stripping system to treat contaminated groundwater.

N. In the Spring of 1996, EPA's Emergency Response and Removal program conducted an assessment of the FPR Facility. The abandoned FPR Facility contained 10 aboveground tanks and 24 drums in poor condition, which appeared to contain waste oil and wastewater. While the tanks and drums were within secondary containment areas, these structures had deteriorated. The contents of the tanks and drums were sampled, and the results indicated the presence of VOCs and other hazardous substances. EPA determined that an immediate response action was warranted to address the imminent threat posed by the tanks and drums and to stabilize the facility pending further evaluation. As a result of this action, all of the tanks and an estimated 13,000 gallons of waste oil and 26,000 gallons of wastewater were removed from the Site. This work was completed in 1997 pursuant to an Administrative Order on Consent with U.S. Sugar Corporation.

O. A second round of the removal was conducted at the FPR Facility by the Settling Defendants in 1999, to address the highly contaminated soils ranging from the surface to a depth of approximately 12 feet below ground surface ("bgs"). Contaminants removed included chlorinated VOCs and petroleum-related compounds. Approximately 6,000 tons of soil were

removed for off-Site disposal. The excavations were filled in with clean soil.

P. A third round of the removal was started at the FPR Facility by the Settling Defendants in November 2000, to address the documented deep soil contamination and a zone of residual dense nonaqueous-phase liquid ("DNAPL") in the northwestern portion of the FPR Facility at a depth from 34 to 43 feet bgs.

Q. These removal activities were supportive of the remedial measures selected for the Site.

R. EPA completed the field work for the RI for the FPR Site in April 1997, and issued an RI/FS report in June 1998.

S. The RI and FS reports and a Proposed Plan for the FPR Site were first released to the public in June 1998. Initially, EPA proposed to implement Source Remediation and Monitored Natural Attenuation ("MNA"). However, the Proposed Plan was met with opposition from the City and the community based upon concerns over the potential threat of Site contaminants to the Wellfield and the City's stated plans to increase Wellfield pumping. The Settling Defendants objected to EPA's conceptual site model and denied any responsibility for contamination in the Wellfield. The Settling Defendants also objected to the cost of the remedy. The City, members of the community, and the Settling Defendants objected to the proposed remedy. Given these concerns, EPA did not adopt the preferred remedial alternative in the Proposed Plan and did not issue a Record of Decision ("ROD") for the Site at that time. EPA then began a process of additional Site characterization and evaluation of additional remedial alternatives.

T. After this additional assessment was completed, a second Proposed Plan was issued in June 2000. A notice of availability of this document was published in the *Fort Lauderdale Sun-Sentinel* on June 18, 2000, in accordance with Section 117(b) of CERCLA, 42 U.S.C. § 9617(b). A public comment period was held from June 20 through August 21, 2000, and a public meeting was held on June 27, 2000. The meeting was attended by representatives of the City, the community, and the Settling Defendants, in addition to many other stakeholders. At this meeting, representatives from EPA and the U.S. Army Corps of Engineers presented a summary of the Proposed Plan and answered questions about the Site and remedial alternatives under consideration. Comments were received from the City, members of the community, the Settling Defendants, and other stakeholders regarding the Proposed Plan. A copy of the transcript of the public meeting is available to the public as part of the administrative record upon which the Regional Administrator based the selection of the response action.

U. This Proposed Plan presented the selected remedial action for the FPR Site chosen in accordance with CERCLA, as amended by SARA, and consistent with the NCP. The final remedial decision for this Site is supported through documentation contained in the administrative record for the Site.

V. The decision by EPA on the remedial action to be implemented at the Site is embodied in a final ROD, executed on March 1, 2001, on which the State of Florida had a reasonable opportunity to review and comment, and to which the State has given its concurrence. The ROD includes a responsiveness summary to the public comments received. (See Appendix A of the ROD).

W. Between 1998 and 2002, EPA engaged in numerous discussions and meetings with representatives from the City regarding the remedy for the Site and the City's plans for the Wellfield. In January 2002, the City conveyed to EPA its intentions to modify the operation of the Wellfield. Due to the City's stated desire to increase the water supply available for its citizens, while balancing concerns relating to salt water intrusion, the City plans to relocate production wells to the northwest of their current location. Based on the City's Wellfield relocation efforts, the response work already performed by the Group, and the lack of VOC concentrations in the Wellfield above maximum contaminant levels ("MCLs") for the past several years, existing Site related VOC contamination is not likely to migrate northward to impact production wells above MCLs.

X. EPA issued a September 2004 Explanation of Significant Differences ("ESD"), which discusses the collection of groundwater data in the southern portion of the current Wellfield and other areas of the Site. Given the current and planned changes to the Wellfield and decreases in Site contamination, EPA determined that it is necessary to gather additional groundwater data to verify the need for the construction and operation of an air stripper or other system associated with the "Wellfield Protection" component of the ROD (See ROD pages 90-92). During the period of time over which the groundwater data is collected and analyzed, the Wellfield will be sufficiently protected through the use of monitored natural attenuation.

Y. Based on the information presently available to EPA and the State, EPA and the State believe that the Work will be properly and promptly conducted by the Settling Defendants if conducted in accordance with the requirements of this Consent Decree and its Appendices.

Z. In late January and/or early February of 2004, a current Site owner and/or operator conducted unauthorized activities on the Site that entailed breaching of the fencing surrounding the FPR facility property, the abandonment or destruction of approximately seventy (70) groundwater monitoring and injection wells and risers, cutting and removal of sheet piling, placement of one to three feet of fill material throughout the FPR facility property, and parking vehicles and equipment over the facility. The wells and structures that were destroyed were an essential part of the ongoing Superfund Site response activities that the Settling Defendants commenced in 1997, which are scheduled to continue for many years. Such activities have delayed the Settling Defendants' initiation of on-Site remedial action work. EPA plans to conduct Site restoration work to repair the FPR facility property to a condition that will allow remedial action work to proceed and to seek compensation from the parties responsible for the unauthorized Site work.

AA. Solely for the purposes of Section 113(j) of CERCLA, 42 U.S.C. § 9613(j), the remedial action selected by the ROD and the work already performed by the Settling Defendants pursuant to Administrative Orders on Consent issued on November 22, 1996, June 15, 1999 (as amended), and August 11, 2000 (as amended) shall constitute response actions taken or ordered by the President.

BB. The Parties recognize, and the Court by entering this Consent Decree finds, that this Consent Decree has been negotiated by the Parties in good faith and implementation of this Consent Decree will expedite the cleanup of the Site and will avoid prolonged and complicated litigation between the Parties, and that this Consent Decree is fair, reasonable, and in the public interest.

NOW, THEREFORE, it is hereby Ordered, Adjudged, and Decreed:

## **II. JURISDICTION**

1. This Court has jurisdiction over the subject matter of this action pursuant to 28 U.S.C. §§ 1331 and 1345, and 42 U.S.C. §§ 9606, 9607, and 9613(b). This Court also has personal jurisdiction over the Settling Defendants, the Settling Federal Agencies, the Paul Entities, and the FDOT. Solely for the purposes of this Consent Decree and the underlying complaint, the Settling Defendants, the Settling Federal Agencies, the Paul Entities, and the FDOT waive all objections and defenses that they may have to jurisdiction of the Court or to venue in this District. Settling Defendants, the Settling Federal Agencies, the Paul Entities, and the FDOT shall not challenge the terms of this Consent Decree or this Court's jurisdiction to enter and enforce this Consent Decree.

## **III. PARTIES BOUND**

2. This Consent Decree applies to and is binding upon the United States; the Settling Defendants and their heirs, successors and assigns; the Settling Federal Agencies; the Paul Entities and their heirs, successors and assigns; and the FDOT. Any change in ownership or corporate, agency, department or other legal status of a Settling Defendant, Settling Federal Agency, Paul Entity, or the FDOT including, but not limited to, any transfer of assets or real or personal property, shall in no way alter such Party's responsibilities under this Consent Decree.

3. Settling Defendants shall provide a copy of this Consent Decree to each contractor hired to perform each component of the Work as required by this Consent Decree and to each person representing any Settling Defendant with respect to the Site or the Work and shall condition all contracts entered into hereunder upon performance of the Work in conformity with the terms of this Consent Decree. Settling Defendants or their contractors shall provide written notice of the Consent Decree to all subcontractors hired to perform any portion of the Work required by this Consent Decree. Settling Defendants shall nonetheless be responsible for ensuring that their contractors and subcontractors perform the Work contemplated herein in accordance with this Consent Decree. With regard to the activities undertaken pursuant to this Consent Decree, each contractor and subcontractor shall be deemed to be in a contractual relationship with the Settling Defendants within the meaning of Section 107(b)(3) of CERCLA, 42 U.S.C. § 9607(b)(3).

## **IV. DEFINITIONS**

4. Unless otherwise expressly provided herein, terms used in this Consent Decree which are defined in CERCLA or in regulations promulgated under CERCLA shall have the meaning assigned to them in CERCLA or in such regulations. Whenever terms listed below are used in this Consent Decree or in the appendices attached hereto and incorporated hereunder, the following definitions shall apply:

"CERCLA" shall mean the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. §§ 9601, *et seq.*

"Consent Decree" shall mean this Consent Decree and all appendices attached hereto (listed in Section XXIX). In the event of conflict between this Consent Decree and any appendix, this Consent Decree shall control.



"Day" shall mean a calendar day unless expressly stated to be a working day. "Working day" shall mean a day other than a Saturday, Sunday, or Federal holiday. In computing any period of time under this Consent Decree, where the last day would fall on a Saturday, Sunday, or Federal holiday, the period shall run until the close of business of the next working day.

"Effective Date" shall be the effective date of this Consent Decree as provided in Paragraph 120.

"EPA" shall mean the United States Environmental Protection Agency and any successor departments or agencies of the United States.

"ESD" shall mean the September 2004 Explanation of Significant Differences issued by EPA, which is attached as Appendix F.

"FDEP" shall mean the Florida Department of Environmental Protection, and any of its successor departments or agencies.

"FDOT" shall mean the State of Florida, Department of Transportation and any of its successor departments or agencies.

"FPR Facility" shall mean the former FPR used oil reprocessing facility.

"Future Response Costs" shall mean all costs from the date of lodging, including, but not limited to, direct and indirect costs, that the United States incurs or pays in reviewing or developing plans, reports and other items pursuant to this Consent Decree, verifying the Work, or otherwise implementing, overseeing, or enforcing this Consent Decree, including, but not limited to, payroll costs, contractor costs, travel costs, laboratory costs, the costs incurred pursuant to Sections VII, IX (including, but not limited to, the cost of attorney time and any monies paid to secure access and/or to secure or implement institutional controls including, but not limited to, the amount of just compensation), XV, and Paragraph 93 of Section XXI, except as they relate to responding to the Site Disturbance.

"Interest," shall mean interest at the rate specified for interest on investments of the EPA Hazardous Substance Superfund established by 26 U.S.C. § 9507, compounded annually on October 1<sup>st</sup> of each year, in accordance with 42 U.S.C. § 9607(a). The applicable rate of interest shall be the rate in effect at the time the interest accrues. The rate of interest is subject to change on October 1<sup>st</sup> of each year.

"National Contingency Plan" or "NCP" shall mean the National Oil and Hazardous Substances Pollution Contingency Plan promulgated pursuant to Section 105 of CERCLA, 42 U.S.C. § 9605, codified at 40 C.F.R. Part 300, and any amendments thereto.

"Operation and Maintenance" or "O & M" shall mean all activities required to maintain the effectiveness of the Remedial Action as required under the Operation and Maintenance Plan approved or developed by EPA pursuant to this Consent Decree and the Statement of Work ("SOW").

"Owner Settling Defendant" shall mean the FDOT.

"Paragraph" shall mean a portion of this Consent Decree identified by an arabic numeral or an upper case letter.

"Parties" shall mean the United States, the Settling Defendants, the Settling Federal Agencies, the FDOT, and the Paul Entities.

"Past Response Costs" shall mean all costs, including, but not limited to, direct and indirect costs, that the United States paid at or in connection with the Site through the date of lodging, plus Interest on all such costs which has accrued pursuant to 42 U.S.C. § 9607(a) through such date.

"Paul Entities" shall mean Barry Paul, Bonnie Paul, Barry's Waste Oil, and Oil Conservationists, Inc.

"Performance Standards" shall mean the cleanup standards and other measures of achievement of the goals of the Remedial Action, set forth in Section 11.2.2 - 11.2.7 of the ROD and Section II.C. of the SOW.

"Plaintiff" shall mean the United States.

"RCRA" shall mean the Solid Waste Disposal Act, as amended, 42 U.S.C. §§ 6901 *et seq.* (also known as the Resource Conservation and Recovery Act).

"Record of Decision" or "ROD" shall mean the EPA Record of Decision relating to the Site signed on March 1, 2001, by the Director, Waste Management Division, EPA Region 4, and all attachments thereto. The ROD is attached as Appendix A.

"Remedial Action" shall mean those activities, except for Operation and Maintenance, to be undertaken by the Settling Defendants to implement the ROD in accordance with the Performance Standards, the SOW and the final Remedial Design and Remedial Action Work Plans and other plans approved by EPA.

"Remedial Action Work Plan" shall mean the documents developed pursuant to Paragraph 12 of this Consent Decree and approved by EPA, and any amendments thereto.

"Remedial Design" shall mean those activities to be undertaken by the Settling Defendants to develop the final plans and specifications for the Remedial Action pursuant to the Remedial Design Work Plan.

"Remedial Design Work Plan" shall mean the documents developed pursuant to Paragraph 11 of this Consent Decree and approved by EPA, and any amendments thereto.

"Section" shall mean a portion of this Consent Decree identified by a Roman numeral.

"Settling Defendants" shall mean those Parties identified in Appendix D.

"Settling Federal Agencies" shall mean those departments, agencies, and instrumentalities of the United States identified in Appendix E, which are resolving any claims which have been or could be asserted against them with regard to this Site, as provided in the Consent Decree.

"Site" shall mean the Florida Petroleum Reprocessors Superfund Site, which comprises: the FPR Facility property which formerly contained a waste oil recycling operation approximately one acre in size located at 3211 SW 50th Avenue in Davie, Broward County, Florida, south of Fort Lauderdale; an area along the south side of I-595, and east of the Florida Turnpike, which formerly contained the Starta Sales & Salvage junkyard, which is now owned by the FDOT; and the groundwater contamination originating from these two source areas

exclusively, which is documented by the data as depicted in Figures 4-20 and 4-21 of the ROD. At the time of the ROD, this Site covered an area of approximately 870 acres in size and was generally bounded to the north by Peters Road, that divides the northern and southern portion of the current Peele-Dixie Wellfield, to the east by U.S. Route 441, to the south by Orange Drive, and to the west by the Florida Turnpike. The Site is depicted generally on the map attached as Appendix C.

"Site Disturbance" shall mean the breaching of the fencing surrounding the FPR facility property, destruction and/or abandonment of the approximately seventy (70) groundwater monitoring and injection wells and risers, cutting and removal of sheet piling, placement of fill material throughout the FPR facility property, storing and movement of commercial and industrial equipment on the FPR facility property, and the effects of all such activities on the Site.

"Southern portion of the current Peele-Dixie Wellfield" shall mean that portion of the Site that is bounded to the north by Peters Road, to the south by an area roughly one quarter mile north of the North New River Canal, to the east by U.S. Route 441, and to the west by the Florida Turnpike.

"State" shall mean the State of Florida, Department of Environmental Protection.

"Statement of Work" or "SOW" shall mean the statement of work for implementation of the Remedial Design, Remedial Action, and Operation and Maintenance at the Site, as set forth in Appendix B to this Consent Decree and any modifications made to it in accordance with this Consent Decree.

"Supervising Contractor" shall mean the principal contractor retained by the Settling Defendants to supervise and direct the implementation of the Work under this Consent Decree.

"United States" shall mean the United States of America, including all of its departments, agencies, and instrumentalities, which includes without limitation EPA, the Settling Federal Agencies, and any federal natural resources trustee.

"Waste Material" shall mean (1) any "hazardous substance" under Section 101(14) of CERCLA, 42 U.S.C. § 9601(14); (2) any pollutant or contaminant under Section 101(33), of CERCLA, 42 U.S.C. § 9601(33); and (3) any "solid waste" under Section 1004(27) of RCRA, 42 U.S.C. § 6903(27).

"Wellfield" shall mean the Peele-Dixie Wellfield as defined by Broward County Wellfield Protection Ordinance or the South Florida Water Management District.

"Work" shall mean all activities the Settling Defendants are required to perform under this Consent Decree, except those activities required by Section XXV (Retention of Records). "Work" shall not include any activities related to the Site Disturbance, including, but not limited to, addressing or remediating the Site Disturbance.

## **V. GENERAL PROVISIONS**

5. Objectives of the Parties. The objectives of the Parties in entering into this Consent Decree are (1) to protect public health, welfare and the environment at the Site by the funding, design, and implementation of final response actions at the Site by the Settling

Defendants; (2) to reimburse certain response costs of the Plaintiff; (3) to resolve the claims of Plaintiff against the Settling Defendants, the Paul Entities, and the FDOT as provided in this Consent Decree; and (4) to resolve the claims of the Settling Defendants, the Settling Federal Agencies, the Paul Entities, and the FDOT which have been or could have been asserted against the United States, one another (except for claims between FDOT and the Paul Entities), and de minimis and de micromis PRPs with regard to the Site as provided in this Consent Decree.

6. Commitments by Settling Defendants, Settling Federal Agencies, Barry Paul, and the FDOT.

(a) Settling Defendants shall finance and perform the Work in accordance with this Consent Decree, the ROD, the ESD, the SOW, and all work plans and other plans, standards, specifications, and schedules set forth herein or developed by the Settling Defendants and approved by EPA pursuant to this Consent Decree.

(b) The portions of the ROD to be initially financed and performed by the Settling Defendants entail the Source Remediation section of the ROD (See ROD pages 89-90), the Monitored Natural Attenuation section of the ROD (See ROD pages 92-94), and the monitoring of VOC concentrations through a rigorous groundwater monitoring program in the vicinity of the Peele-Dixie Wellfield as set forth in the ROD (See ROD pages 91-92) and ESD.

(c) The implementation of the Wellfield Protection component of the ROD by the Settling Defendants shall only commence following EPA's review of relevant data and then only if EPA determines: (1) that Site contamination will reach the active Wellfield in concentrations which will result in exceedances of MCLs and (2) that, as a result, implementation of the Wellfield Protection component of the ROD is necessary to protect human health and the environment. The Settling Defendants shall collect, analyze, and model groundwater monitoring data as outlined in the SOW. This groundwater monitoring program will include, without limitation, chemical analysis of the chlorinated solvent compounds monitored during the Remedial Investigation and listed in the ROD, as well as other parameters identified by EPA in its guidance on evaluating the effectiveness of MNA.

(d) Settling Defendants shall also reimburse the United States for certain Past Response Costs as set forth in Paragraph 55 and all Future Response Costs as provided in this Consent Decree. The FDOT, Settling Federal Agencies, and Barry Paul shall reimburse the EPA Hazardous Substance Superfund as provided in Paragraphs 54, 58, and 59, respectively, of this Consent Decree.

(e) The obligations of the Settling Defendants to finance and perform the Work and to pay amounts owed to the United States under this Consent Decree are joint and several. In the event of the insolvency or other failure of any one or more Settling Defendants to implement the requirements of this Consent Decree, the remaining Settling Defendants shall finance and complete all such requirements. This provision applies only to the extent permitted by Florida law, and shall not constitute a waiver of sovereign immunity beyond the statutory limits of Florida Statutes 768.28.

7. Compliance With Applicable Law. All activities undertaken by the Settling Defendants pursuant to this Consent Decree shall be performed in accordance with the requirements of all applicable federal and state laws and regulations. Settling Defendants must

also comply with all applicable or relevant and appropriate requirements of all federal and state environmental laws as set forth in the ROD and the SOW. The activities conducted pursuant to this Consent Decree, if approved by EPA, shall be considered to be consistent with the NCP.

8. Permits and Location of Work.

(a) As provided in Section 121(e) of CERCLA and Section 300.400(e) of the NCP, no permit shall be required for any portion of the Work conducted entirely on-Site (i.e., within the areal extent of contamination or in very close proximity to the contamination and necessary for implementation of the Work). Where any portion of the Work that is not on-Site requires a federal or state permit or approval, the Settling Defendants shall submit timely and complete applications and take all other actions necessary to obtain all such permits or approvals.

(b) The Settling Defendants may seek relief under the provisions of Section XVIII (Force Majeure) of this Consent Decree for any delay in the performance of the Work resulting from a failure to obtain, or a delay in obtaining, any permit required for Work.

(c) This Consent Decree is not, and shall not be construed to be, a permit issued pursuant to any federal or state statute or regulation.

(d) Any Party performing Work on property owned or controlled by FDOT shall coordinate with FDOT and comply with FDOT's and the United States Department of Transportation's highway safety requirements. The Party performing Work shall use all reasonable means to perform the Work on property not owned or controlled by FDOT except with respect to Work for the implementation of the Wellfield Protection component of the ROD under State Road 7 north of the North New River Canal. If reasonable means are not available and the Work will not preclude or make economically infeasible the construction, operation, or maintenance of a transportation facility, then the Party performing the Work and FDOT shall coordinate in performance of the Work on property owned or controlled by FDOT so long as the Party performing the Work reimburses FDOT for the costs FDOT incurs as a result of the performance of the Work. In the event of a dispute regarding whether reasonable means are available to perform the Work on property not owned or controlled by FDOT or whether the performance of the Work will preclude or make economically infeasible the construction, operation, or maintenance of a transportation facility, or costs claimed by FDOT due to the performance of the Work, Settling Defendants or FDOT may invoke with EPA the dispute resolution procedures set forth in Section XIX (Dispute Resolution) as to these issues. However, Settling Defendants cannot invoke the Dispute Resolution process directly against FDOT.

9. Notice to Successors-in-Title.

(a) With respect to any property owned or controlled by the Owner Settling Defendant that is located within the area bounded by Peters Road to the north, U.S. Route 441 to the east, Orange Drive to the south, and the Florida Turnpike to the west, within 30 days after the entry of this Consent Decree, the Owner Settling Defendant shall submit to EPA for review and approval a notice to be filed with the Recorder's Office, Broward County, State of Florida, which shall provide notice to all successors-in-title that the property is part of the Site, that EPA selected a remedy for the Site on March 1, 2001, and that potentially responsible parties have entered into a Consent Decree requiring implementation of the remedy. The notice required by this Paragraph 9 will describe the property as all property owned by the Owner Settling

Defendant as identified on the Owner Settling Defendant's official right-of-way maps on file at the Owner Settling Defendant's offices. Such notice shall identify the United States District Court in which the Consent Decree was filed, the name and civil action number of this case, and the date the Consent Decree was entered by the Court. The Owner Settling Defendant shall record such notice within 10 days of EPA's approval of the notice. The Owner Settling Defendant shall provide EPA with a certified copy of such recorded notice within 30 days of recording such notice.

(b) At least 30 days prior to the conveyance of any interest in property that is identified in the recording requirements of Paragraph 9(a) and that is owned or controlled by the Owner Settling Defendant on the Effective Date or acquired thereafter until the date of the Certification of Completion of Remedial Action by EPA pursuant to Paragraph 50(b) of Section XIV (Certification of Completion) including, but not limited to, fee interests, leasehold interests, and mortgage interests, the Owner Settling Defendant conveying the interest shall give the grantee written notice of (i) this Consent Decree, (ii) any instrument by which an interest in real property has been conveyed that confers a right of access to the Site (hereinafter referred to as "access easements") pursuant to Section IX (Access and Institutional Controls), and (iii) any instrument by which an interest in real property has been conveyed that confers a right to enforce restrictions on the use of such property (hereinafter referred to as "restrictive easements") pursuant to Section IX (Access and Institutional Controls). At least 30 days prior to such conveyance, the Owner Settling Defendant conveying the interest shall also give written notice to EPA and the State of the proposed conveyance, including the name and address of the grantee, and the date on which notice of the Consent Decree, access easements, and/or restrictive easements were given to the grantee.

(c) In the event of any such conveyance, an Owner Settling Defendant's obligations under this Consent Decree, including, but not limited to, its obligation to provide or secure access and institutional controls, as well as to abide by such institutional controls, pursuant to Section IX (Access and Institutional Controls) of this Consent Decree, shall continue to be met by the Owner Settling Defendant. In no event shall the conveyance release or otherwise affect the liability of the Owner Settling Defendant to comply with all provisions of this Consent Decree, absent the prior written consent of EPA. If the United States approves, the grantee may perform some or all of the Work under this Consent Decree.

## **VI. PERFORMANCE OF THE WORK BY SETTling DEFENDANTS**

### **10. Selection of Supervising Contractor.**

(a) All aspects of the Work to be performed by the Settling Defendants pursuant to Sections VI (Performance of the Work by the Settling Defendants), VII (Remedy Review), VIII (Quality Assurance, Sampling and Data Analysis), and XV (Emergency Response) of this Consent Decree shall be under the direction and supervision of a Supervising Contractor, the selection of which shall be subject to disapproval by EPA, after a reasonable opportunity for review and comment by the State. Within 10 days after the lodging of this Consent Decree, the Settling Defendants shall notify EPA and the State in writing of the name, title, and qualifications of any contractor proposed to be the Supervising Contractor. With respect to any contractor proposed to be a Supervising Contractor, the Settling Defendants shall demonstrate that the proposed contractor has a quality system that complies with ANSI/ASQC E4-1994,

"Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs," (American National Standard, January 5, 1995), by submitting a copy of the proposed contractor's Quality Management Plan (QMP). The QMP should be prepared in accordance with "EPA Requirements for Quality Management Plans (QA/R-2)" (EPA/240/B-01/002, March 2001) or equivalent documentation as determined by EPA. EPA will issue a notice of disapproval or an authorization to proceed. If at any time thereafter, the Settling Defendants propose to change a Supervising Contractor, the Settling Defendants shall give such notice to EPA and the State and must obtain an authorization to proceed from EPA, after a reasonable opportunity for review and comment by the State, before the new Supervising Contractor performs, directs, or supervises any Work under this Consent Decree.

(b) If EPA disapproves a proposed Supervising Contractor, EPA will notify the Settling Defendants in writing. Within 30 days of receipt of EPA's disapproval, Settling Defendants shall submit to EPA and the State a list of contractors, including the qualifications of each contractor, that would be acceptable to them. EPA will provide written notice of the names of any contractor(s) that it disapproves and an authorization to proceed with respect to any of the other contractors. Settling Defendants may select any contractor from that list that is not disapproved and shall notify EPA and the State of the name of the contractor selected within 21 days of EPA's authorization to proceed.

(c) If EPA fails to provide written notice of its authorization to proceed or disapproval as provided in this Paragraph and this failure prevents the Settling Defendants from meeting one or more deadlines in a plan approved by the EPA pursuant to this Consent Decree, the Settling Defendants may seek relief under the provisions of Section XVIII (Force Majeure) hereof.

#### 11. Remedial Design.

(a) Within 30 days after EPA's issuance of an authorization to proceed pursuant to Paragraph 10, the Settling Defendants shall submit to EPA and the State a work plan for the design of the Remedial Action at the Site ("Remedial Design Work Plan" or "RD Work Plan"). The Remedial Design Work Plan shall provide for the design of the remedy set forth in the portions of the ROD described in Paragraph 6(b), in accordance with the SOW and for achievement of the Performance Standards and other requirements set forth in the ROD, this Consent Decree and/or the SOW. Upon its approval by EPA, the Remedial Design Work Plan shall be incorporated into and become enforceable under this Consent Decree. Within 14 days after EPA's issuance of an authorization to proceed, the Settling Defendants shall submit to EPA and the State, a Health and Safety Plan for field design activities which conforms to the applicable Occupational Safety and Health Administration and EPA requirements including, but not limited to, 29 C.F.R. § 1910.120. If Work is to be done on property owned or controlled by FDOT, the Health and Safety Plan shall also conform to Florida Department of Transportation highway safety requirements.

(b) The Remedial Design Work Plan shall include plans and schedules for implementation of all remedial design and pre-design tasks identified in the SOW, including, but not limited to, plans and schedules for the completion of: (1) design sampling and analysis plan (including, but not limited to, a Remedial Design Quality Assurance Project Plan (RD QAPP) in

accordance with Section VIII (Quality Assurance, Sampling and Data Analysis)); and (2) a Construction Quality Assurance Plan; and may also include: (i) a treatability study; (ii) a Pre-design Work Plan; (iii) a preliminary design submittal; and (iv) a pre-final/final design submittal. In addition, each Remedial Design Work Plan shall include a schedule for implementation and completion of the Remedial Action Work Plan.

(c) Upon approval of the Remedial Design Work Plan by EPA, after a reasonable opportunity for review and comment by the State, submittal of the Health and Safety Plan for all field activities to EPA and the State, and completion of EPA's Site restoration work described in Paragraph Z, the Settling Defendants shall implement the Remedial Design Work Plan. The Settling Defendants shall submit to EPA and the State all plans, submittals and other deliverables required under the approved Remedial Design Work Plans in accordance with the approved schedule for review and approval pursuant to Section XI (EPA Approval of Plans and Other Submissions). Unless otherwise directed by EPA, the Settling Defendants shall not commence further Remedial Design activities at the Site prior to the approval of the Remedial Design Work Plan.

(d) If it is required, the preliminary design submittal shall include, at a minimum, the following: (1) design criteria; (2) results of additional field sampling and pre-design work; (3) project delivery strategy; (4) preliminary plans, drawings and sketches; (5) required specifications in outline form; and (6) preliminary construction schedule.

(e) If it is required, the pre-final/final design submittal shall include, at a minimum, the following: (1) final plans and specifications; (2) Operation and Maintenance Plan; (3) Construction Quality Assurance Project Plan ("CQAPP"); and (4) Field Sampling Plan (directed at measuring progress towards meeting Performance Standards). The CQAPP, which shall detail the approach to quality assurance during construction activities at the Site, shall specify a quality assurance official ("QA Official") to conduct a quality assurance program during the construction phase of the project.

(f) If EPA determines under Paragraph 6(c) that the Wellfield Protection component of the ROD must be implemented, the Settling Defendants shall comply with the provisions of this Paragraph with respect to the Wellfield Protection component. Settling Defendants shall submit the Remedial Design Work Plan for this Work within 30 days of EPA's determination under Paragraph 6(c).

## 12. Remedial Action.

(a) Within 30 days after the approval of the final design submittal, the Settling Defendants shall submit to EPA and the State a work plan (if required by EPA) for the performance of the Remedial Action at the Site ("Remedial Action Work Plan"). The Remedial Action Work Plan shall provide for construction and implementation of the remedy set forth in the portions of the ROD described in Paragraph 6(b) and achievement of the Performance Standards, in accordance with this Consent Decree, the ROD, the ESD, the SOW, and the design plans and specifications developed in accordance with the Remedial Design Work Plan and approved by EPA. Upon approval by EPA, the Remedial Action Work Plan shall be incorporated into and become enforceable under this Consent Decree. At the same time as they submit the Remedial Action Work Plan, the Settling Defendants shall submit to EPA and the State, a Health and Safety Plan for field activities required by the Remedial Action Work Plan



which conforms to the applicable Occupational Safety and Health Administration and EPA requirements including, but not limited to, 29 C.F.R. § 1910.120. If Work is to be done on property owned or controlled by FDOT, the Health and Safety Plan shall also conform to Florida Department of Transportation highway safety requirements.

(b) The Remedial Action Work Plan shall include the following: (1) schedule for completion of the Remedial Action; (2) method for selection of the contractor; (3) schedule for developing and submitting other required Remedial Action plans; (4) groundwater monitoring plan; (5) methods for satisfying permitting requirements; (6) methodology for implementation of the Operation and Maintenance Plan; (7) tentative formulation of the Remedial Action team; (8) construction quality control plan (by constructor); and (9) procedures and plans for the decontamination of equipment and the disposal of contaminated materials. The Remedial Action Work Plan also shall include the methodology for implementation of the Construction Quality Assurance Plan and a schedule for implementation of all Remedial Action tasks identified in the final design submittal and shall identify the initial formulation of the Settling Defendants' Remedial Action Project Team (including, but not limited to, the Supervising Contractor).

(c) Upon approval of the Remedial Action Work Plan by EPA, after a reasonable opportunity for review and comment by the State, the Settling Defendants shall implement the activities required under the Remedial Action Work Plan. The Settling Defendants shall submit to EPA and the State all plans, submittals, or other deliverables required under the approved Remedial Action Work Plan in accordance with the approved schedule for review and approval pursuant to Section XI (EPA Approval of Plans and Other Submissions). Unless otherwise directed by EPA, the Settling Defendants shall not commence physical Remedial Action activities at the Site prior to approval of the Remedial Action Work Plan.

(d) If EPA determines under Paragraph 6(c) that the Wellfield Protection Component of the ROD must be implemented, the Settling Defendants shall comply with the provisions of this Paragraph with respect to the Wellfield Protection Component. Settling Defendants shall submit the Remedial Action Work Plan within 30 days after the approval of the final design submittal required by Paragraph 11.

13. The Settling Defendants shall continue to implement the Remedial Action and O&M until the Performance Standards are achieved and for so long thereafter as is otherwise required under this Consent Decree.

14. Modification of the SOW or Related Work Plans.

(a) If EPA determines that modification to the work specified in the SOW and/or in work plans developed pursuant to the SOW is necessary to achieve and maintain the Performance Standards or to carry out and maintain the effectiveness of the remedy set forth in the ROD, EPA may require that such modification be incorporated in the SOW and/or such work plans, provided, however, that a modification may only be required pursuant to this Paragraph to the extent that it is consistent with the scope of the remedy selected in the ROD.

(b) For the purposes of this Paragraph 14 and Paragraph 50 only, the "scope of the remedy selected in the ROD" is: (1) Source Remediation at the FPR Facility as set forth in the ROD, (2) Monitored Natural Attenuation as set forth in the ROD, and (3) Wellfield

Protection as set forth in the ROD and ESD. The collection and treatment of contaminated groundwater or the use of other appropriate remedial technologies as set forth in the ROD (see pages 90-92) will be required only if EPA determines that relevant data demonstrate that Site contamination will reach the Wellfield in concentrations which will result in exceedances of MCLs, and (2) as a result EPA determines that implementation of the Wellfield Protection component of the ROD is necessary to protect human health and the environment.

(c) If the Settling Defendants object to any modification determined by EPA to be necessary pursuant to Paragraph 14, they may seek dispute resolution pursuant to Section XIX (Dispute Resolution), Paragraph 70 (record review). The SOW and/or related work plans shall be modified in accordance with final resolution of the dispute.

(d) Settling Defendants shall implement any work required by any modifications incorporated in the SOW and/or in work plans developed pursuant to the SOW in accordance with this Paragraph.

(e) Nothing in this Paragraph shall be construed to limit EPA's authority to require performance of further response actions as otherwise provided in this Consent Decree.

15. Settling Defendants acknowledge and agree that nothing in this Consent Decree, the SOW, or the Remedial Design or Remedial Action Work Plans constitutes a warranty or representation of any kind by Plaintiff that compliance with the work requirements set forth in the SOW and the Work Plans will achieve the Performance Standards.

16. (a) Settling Defendants shall, prior to any off-Site shipment of Waste Material from the Site to an out-of-state waste management facility, provide written notification to the appropriate state environmental official in the receiving facility's state and to the EPA Project Coordinator of such shipment of Waste Material. However, this notification requirement shall not apply to any off-Site shipments when the total volume of all such shipments will not exceed 10 cubic yards.

(1) The Settling Defendants shall include in the written notification the following information, where available: (1) the name and location of the facility to which the Waste Material is to be shipped; (2) the type and quantity of the Waste Material to be shipped; (3) the expected schedule for the shipment of the Waste Material; and (4) the method of transportation. The Settling Defendants shall notify the state in which the planned receiving facility is located of major changes in the shipment plan, such as a decision to ship the Waste Material to another facility within the same state, or to a facility in another state.

(2) The identity of the receiving facility and the state will be determined by the Settling Defendants following the award of the contract for Remedial Action construction. The Settling Defendants shall provide the information required by Paragraph 16(a) as soon as practicable after the award of the contract and before the Waste Material is actually shipped.

(b) Before shipping any Waste Material from the Site to an off-site location, the Settling Defendants shall obtain EPA's certification that the proposed receiving facility is operating in compliance with the requirements of CERCLA Section 121(d)(3) and 40 C.F.R. 300.440. Settling Defendants shall only send Waste Material from the Site to an off-site facility that complies with the requirements of the statutory provision and regulations cited in the

preceding sentence.

## **VII. REMEDY REVIEW**

17. **Periodic Review.** Settling Defendants shall conduct any studies and investigations as requested by EPA, in order to permit EPA to conduct reviews of whether the Remedial Action is protective of human health and the environment at least every five years as required by Section 121(c) of CERCLA, and any applicable regulations.

18. **EPA Selection of Further Response Actions.** If EPA determines, at any time, that the Remedial Action is not protective of human health and the environment, EPA may select further response actions for the Site in accordance with the requirements of CERCLA and the NCP.

19. **Opportunity To Comment.** Settling Defendants and, if required by Sections 113(k)(2) or 117 of CERCLA, the public will be provided with an opportunity to comment on any further response actions proposed by EPA as a result of the review conducted pursuant to Section 121(c) of CERCLA and to submit written comments for the record during the comment period.

20. **Settling Defendants' Obligation To Perform Further Response Actions.** If EPA selects further response actions for the Site, the Settling Defendants shall undertake such further response actions to the extent that the reopener conditions in Paragraph 89 or Paragraph 90 (United States' reservations of liability based on unknown conditions or new information) are satisfied. Settling Defendants may invoke the procedures set forth in Section XIX (Dispute Resolution) to dispute (1) EPA's determination that the reopener conditions of Paragraph 89 or Paragraph 90 of Section XXI (Covenants by Plaintiff) are satisfied, (2) EPA's determination that the Remedial Action is not protective of human health and the environment, or (3) EPA's selection of the further response actions. Disputes pertaining to whether the Remedial Action is protective or to EPA's selection of further response actions shall be resolved pursuant to Paragraph 70 (record review).

21. **Submissions of Plans.** If the Settling Defendants are required to perform further response actions pursuant to Paragraph 20, they shall submit a plan for such work to EPA for approval in accordance with the procedures set forth in Section VI (Performance of the Work by the Settling Defendants) and shall implement the plan approved by EPA in accordance with the provisions of this Consent Decree.

## **VIII. QUALITY ASSURANCE, SAMPLING, AND DATA ANALYSIS**

22. Settling Defendants shall use quality assurance, quality control, and chain of custody procedures for all treatability, design, compliance and monitoring samples in accordance with "EPA Requirements for Quality Assurance Project Plans (QA/R5)" (EPA/240/B-01/003, March 2001) "Guidance for Quality Assurance Project Plans (QA/G-5)" (EPA/600/R-98/018, February 1998), and subsequent amendments to such guidelines upon notification by EPA to the Settling Defendants of such amendment. Amended guidelines shall apply only to procedures conducted after such notification. Prior to the commencement of any monitoring project under this Consent Decree, the Settling Defendants shall submit to EPA for approval, after a reasonable opportunity for review and comment by the State, a Quality Assurance Project Plan ("QAPP") that is consistent with the SOW, the NCP and applicable guidance documents. If relevant to the

proceeding, the Parties agree that validated sampling data generated in accordance with the QAPPs and reviewed and approved by EPA shall be admissible as evidence, without objection, in any proceeding under this Decree. Settling Defendants shall ensure that EPA and State personnel and their authorized representatives are allowed access at reasonable times to all laboratories utilized by the Settling Defendants in implementing this Consent Decree. In addition, the Settling Defendants shall ensure that such laboratories shall analyze all samples submitted by EPA pursuant to the QAPP for quality assurance monitoring. Settling Defendants shall ensure that the laboratories they utilize for the analysis of samples taken pursuant to this Consent Decree perform all analyses according to accepted EPA methods. Accepted EPA methods consist of those methods which are documented in the "Contract Lab Program Statement of Work for Inorganic Analysis" and the "Contract Lab Program Statement of Work for Organic Analysis," dated February 1988, and any amendments made thereto during the course of the implementation of this Decree; however, upon approval by EPA, after opportunity for review and comment by the State, the Settling Defendants may use other analytical methods which are as stringent as or more stringent than the CLP-approved methods. Settling Defendants shall ensure that all laboratories they use for analysis of samples taken pursuant to this Consent Decree participate in an EPA or EPA-equivalent QA/QC program. Settling Defendants shall only use laboratories that have a documented Quality System which complies with ANSI/ASQC E4-1994, "Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs," (American National Standard, January 5, 1995), and "EPA Requirements for Quality Management Plans (QA/R-2)," (EPA/240/B-01/002, March 2001) or equivalent documentation as determined by EPA. EPA may consider laboratories accredited under the National Environmental Laboratory Accreditation Program (NELAP) as meeting the Quality System requirements. Settling Defendants shall ensure that all field methodologies utilized in collecting samples for subsequent analysis pursuant to this Consent Decree will be conducted in accordance with the procedures set forth in the QAPP approved by EPA.

23. Upon request, the Settling Defendants shall allow split or duplicate samples to be taken by EPA and the State or their authorized representatives. Settling Defendants shall notify EPA and the State not less than 28 days in advance of any sample collection activity unless shorter notice is agreed to by EPA. In addition, EPA and the State shall have the right to take any additional samples that EPA or the State deem necessary. Upon request, EPA and the State shall allow the Settling Defendants to take split or duplicate samples of any samples they take as part of the Plaintiff's oversight of the Settling Defendants' implementation of the Work.

24. Settling Defendants shall submit to EPA and the State two copies of the results of all sampling and/or tests or other data obtained or generated by or on behalf of the Settling Defendants with respect to the Site and/or the implementation of this Consent Decree unless EPA agrees otherwise.

25. Notwithstanding any provision of this Consent Decree, the United States and the State hereby retain all of their information gathering and inspection authorities and rights, including enforcement actions related thereto, under CERCLA, RCRA and any other federal or state applicable statutes or regulations.

### **IX. ACCESS AND INSTITUTIONAL CONTROLS**

26. If the Site, or any other property where access and/or land/water use restrictions are needed to implement this Consent Decree, is owned or controlled by any of the Settling Defendants or the Owner Settling Defendant, such party shall:

(a) commencing on the date of lodging of this Consent Decree, provide the United States, the State, and their representatives, including EPA and its contractors and Settling Defendants and their contractors, with access at all reasonable times to the Site, or such other property, for the purpose of conducting any activity related to this Consent Decree including, but not limited to, the following activities:

- (i) Monitoring the Work;
- (ii) Verifying any data or information submitted to the United States or the State;
- (iii) Conducting investigations relating to contamination at or near the Site;
- (iv) Obtaining samples;
- (v) Assessing the need for, planning, or implementing additional response actions at or near the Site;
- (vi) Assessing implementation of quality assurance and quality control practices as defined in the approved Quality Assurance Project Plans;
- (vii) Implementing the Work pursuant to the conditions set forth in Paragraph 93 of this Consent Decree;
- (viii) Inspecting and copying records, operating logs, contracts, or other documents maintained or generated by the Settling Defendants or their agents, consistent with Section XXIV (Access to Information);
- (ix) Assessing the Settling Defendants' compliance with this Consent Decree;
- (x) Determining whether the Site or other property is being used in a manner that is prohibited or restricted, or that may need to be prohibited or restricted, by or pursuant to this Consent Decree; and
- (xi) Placing such piping systems by directional boring or jack and bore under State Road 7 north of the North New River Canal as are necessary for the implementation of the Wellfield Protection component of the ROD;

(b) Commencing on the date of lodging of this Consent Decree, refrain from using the Site, or such other property, in any manner that would interfere with or adversely affect the implementation, integrity, or protectiveness of the remedial measures to be performed pursuant to this Consent Decree, except where expressly provided below:

(i) If any portion of Projects FM No.: 409354-1, FM No.: 411189-2, FM No. 407481-2, FM 231739-3, FM 231727-1, FPID No.: 406094-1, and FPID No.: 406095-4, including all

subsequent phases, interferes with or adversely affects the implementation, integrity, or protectiveness of the remedial measures to be performed pursuant to this Consent Decree, that portion may proceed only insofar as it is constructed according to concept and design plans reviewed and approved by EPA on March 31, 2004.

(ii) If FDOT proposes to construct or relocate any portion of a state highway, other than the projects listed above, within the area from Peters Road to the north, U.S. Route 441 to the east, Orange Drive to the south, and the Florida Turnpike to the west, FDOT shall provide to EPA design plans of such project. The project may not begin unless EPA determines that it will not interfere with nor adversely affect the implementation, integrity, or protectiveness of the Wellfield Protection portion of remedial measures to be performed pursuant to this Consent Decree (Wellfield Work) and that it will not adversely affect the implementation, integrity, or protectiveness of the Monitored Natural Attenuation portion of the remedial measures to be performed pursuant to this Consent Decree (MNA Work). EPA shall use best efforts to make this determination within 90 days from submission of design plans by FDOT. If EPA has not made this determination within 90 days, FDOT may invoke the dispute resolution procedures set forth in Section XIX (Dispute Resolution) as to whether EPA has used best efforts. If, once an approved project is undertaken, it interferes with or adversely affects the implementation, integrity, or protectiveness of the Wellfield Work, or it adversely affects the implementation, integrity or protectiveness of the MNA Work, the project may proceed only insofar as it is constructed according to the plans submitted to EPA.

(iii) If FDOT decides to respond to an emergency, as that term is defined by Section 252.34(3), Florida Statutes, within the area described in subparagraph (b)(ii), FDOT shall notify EPA and the Settling Defendants within 24 hours of the first Working Day after deciding to respond to the emergency. If EPA determines that the proposed emergency action could adversely affect the implementation, integrity, or protectiveness of any of the remedial measures, EPA may seek immediate judicial review of the proposed emergency action. In any such action, FDOT shall have the burden to show that there is an emergency; the proposed project is necessary to respond to the emergency; and there are no reasonable means available to avoid interfering with the remedial measures.

(iv) At any time, if FDOT's implementation of any portion of a project encompassed in this subparagraph (b) causes the cost of the remedial measures to increase, then FDOT is obligated to reimburse EPA and the Settling Defendants for such cost increases incurred by them.

(v) The only issues arising under this subparagraph (b) for which FDOT may invoke the dispute resolution procedures set forth in Section XIX (Dispute Resolution) are cost increases claimed by EPA and/or Settling Defendants due to FDOT's actions, EPA's failure to make a determination under subparagraph (b)(ii), and EPA's determination under subparagraph (b)(ii) that an FDOT project will adversely affect the implementation, integrity, or protectiveness of the MNA Work. The standard of review for disputes as to the effect on the MNA work is set forth in Paragraph 70(d).

27. If the Site, or any other property where access and/or land/water use restrictions are needed to implement this Consent Decree, is owned or controlled by persons other than any of the Settling Defendants, the Settling Defendants shall use best efforts to secure from such persons:

(a) an agreement to provide access thereto for the Settling Defendants, as well as for the United States on behalf of EPA, and the State, as well as their representatives (including contractors), for the purpose of conducting any activity related to this Consent Decree including, but not limited to, those activities listed in Paragraph 26(a) of this Consent Decree; and

(b) an agreement, enforceable by the Settling Defendants and the United States, to refrain from using the Site, or such other property, in any manner that would interfere with or adversely affect the implementation, integrity, or protectiveness of the remedial measures to be performed pursuant to this Consent Decree.

28. For purposes of Paragraph 27 of this Consent Decree, "best efforts" includes the payment of reasonable sums of money in consideration of access, access easements, land/water use restrictions, restrictive easements, and/or an agreement to release or subordinate a prior lien or encumbrance. However, Settling Defendants will not be required to make payments under Paragraph 27 for access to property owned by the City or to the current owner of the FPR Facility property. If any access or land/water use restriction agreements required by Paragraphs 27(a) or 27(b) of this Consent Decree are not obtained within 45 days of the date of entry of this Consent Decree, the Settling Defendants shall promptly notify the United States in writing, and shall include in that notification a summary of the steps that the Settling Defendants have taken to attempt to comply with Paragraph 27 of this Consent Decree. The United States may, as it deems appropriate, assist the Settling Defendants in obtaining access or land/water use restrictions, either in the form of contractual agreements or in the form of easements running with the land, or in obtaining the release or subordination of a prior lien or encumbrance. Settling Defendants shall reimburse the United States in accordance with the procedures in Section XVI (Reimbursement of Response Costs), for all costs incurred, direct or indirect, by the United States in obtaining such access, land/water use restrictions, and/or the release/subordination of prior liens or encumbrances including, but not limited to, the cost of attorney time and the amount of monetary consideration paid or just compensation.

29. If EPA determines that land/water use restrictions in the form of state or local laws, regulations, ordinances or other governmental controls are needed to implement the remedy selected in the ROD, ensure the integrity and protectiveness thereof, or ensure non-interference therewith, the Settling Defendants shall cooperate with EPA's and the State's efforts to secure such governmental controls.

30. Notwithstanding any provision of this Consent Decree, the United States and the State retain all of their access authorities and rights, as well as all of their rights to require land/water use restrictions, including enforcement authorities related thereto, under CERCLA, RCRA and any other federal or state applicable statute or regulations.

#### **X. REPORTING REQUIREMENTS**

31. In addition to any other requirement of this Consent Decree, the Settling Defendants shall submit to EPA and the State two copies of written monthly progress reports that: (a) describe the actions which have been taken toward achieving compliance with this Consent Decree during the previous month; (b) include a summary of all results of sampling and tests and all other data received or generated by the Settling Defendants or their contractors or agents in the previous month; (c) identify all work plans, plans and other deliverables required by

this Consent Decree completed and submitted during the previous month; (d) describe all actions, including, but not limited to, data collection and implementation of work plans, which are scheduled for the next six weeks and provide other information relating to the progress of construction, in a form that may include, critical path diagrams, Gantt charts and Pert charts; (e) include information regarding percentage of completion, unresolved delays encountered or anticipated that may affect the future schedule for implementation of the Work, and a description of efforts made to mitigate those delays or anticipated delays; (f) include any modifications to the work plans or other schedules that the Settling Defendants have proposed to EPA or that have been approved by EPA; and (g) describe all activities undertaken in support of the Community Relations Plan during the previous month and those to be undertaken in the next six weeks. Settling Defendants shall submit these progress reports to EPA and the State by the tenth day of every month following the lodging of this Consent Decree until EPA notifies the Settling Defendants pursuant to Paragraph 51(b) of Section XIV (Certification of Completion). If requested by EPA, the Settling Defendants shall also provide briefings for EPA to discuss the progress of the Work.

32. The Settling Defendants shall notify EPA of any change in the schedule described in the monthly progress report for the performance of any activity, including, but not limited to, data collection and implementation of work plans, no later than seven days prior to the performance of the activity.

33. Upon the occurrence of any event during performance of the Work that the Settling Defendants are required to report pursuant to Section 103 of CERCLA or Section 304 of the Emergency Planning and Community Right-to-know Act (EPCRA), the Settling Defendants shall within 24 hours of the onset of such event orally notify the EPA Project Coordinator or the Alternate EPA Project Coordinator (in the event of the unavailability of the EPA Project Coordinator), or, in the event that neither the EPA Project Coordinator or Alternate EPA Project Coordinator is available, the Emergency Response Section, Region 4, United States Environmental Protection Agency. These reporting requirements are in addition to the reporting required by CERCLA Section 103 or EPCRA Section 304.

34. Within 20 days of the onset of such an event referred to in Paragraph 33, the Settling Defendants shall furnish to Plaintiff a written report, signed by the Settling Defendants' Project Coordinator, setting forth the events which occurred and the measures taken, and to be taken, in response thereto. Within 30 days of the conclusion of such an event, the Settling Defendants shall submit a report setting forth all actions taken in response thereto.

35. Settling Defendants shall submit two copies of all plans, reports, and data required by the SOW, the Remedial Design Work Plan, the Remedial Action Work Plan, or any other approved plans to EPA in accordance with the schedules set forth in such plans. Settling Defendants shall simultaneously submit two copies of all such plans, reports and data to the State. Upon request by EPA, the Settling Defendants shall submit in electronic form all portions of any report or other deliverable the Settling Defendants are required to submit pursuant to the provisions of this Consent Decree.

36. All reports and other documents submitted by the Settling Defendants to EPA (other than the monthly progress reports referred to above) which purport to document the Settling Defendants' compliance with the terms of this Consent Decree shall be signed by an



authorized representative of the Settling Defendants.

#### **XI. EPA APPROVAL OF PLANS AND OTHER SUBMISSIONS**

37. After review of any plan, report or other item which is required to be submitted for approval pursuant to this Consent Decree, EPA, after reasonable opportunity for review and comment by the State, shall: (a) approve, in whole or in part, the submission; (b) approve the submission upon specified conditions; (c) modify the submission to cure the deficiencies; (d) disapprove, in whole or in part, the submission, directing that the Settling Defendants modify the submission; or (e) any combination of the above. However, EPA shall not modify a submission without first providing the Settling Defendants at least one notice of deficiency and an opportunity to cure within 30 days, except where to do so would cause serious disruption to the Work or where previous submission(s) have been disapproved due to material defects and the deficiencies in the submission under consideration indicate a bad faith lack of effort to submit an acceptable deliverable.

38. In the event of approval, approval upon conditions, or modification by EPA, pursuant to Paragraph 37(a), (b), or (c), the Settling Defendants shall proceed to take any action required by the plan, report, or other item, as approved or modified by EPA subject only to their right to invoke the Dispute Resolution procedures set forth in Section XIX (Dispute Resolution) with respect to the modifications or conditions made by EPA. In the event that EPA modifies the submission to cure the deficiencies pursuant to Paragraph 37(c) and the submission has a material defect, EPA retains its right to seek stipulated penalties, as provided in Section XX (Stipulated Penalties).

#### **39. Resubmission of Plans.**

(a) Upon receipt of a notice of disapproval pursuant to Paragraph 37(d), the Settling Defendants shall, within 30 days or such longer time as specified by EPA in such notice, correct the deficiencies and resubmit the plan, report, or other item for approval. Any stipulated penalties applicable to the submission, as provided in Section XX, shall accrue during the 30-day period or otherwise specified period but shall not be payable unless the resubmission is disapproved or modified due to a material defect as provided in Paragraphs 40 and 41.

(b) Notwithstanding the receipt of a notice of disapproval pursuant to Paragraph 37(d), the Settling Defendants shall proceed, at the direction of EPA, to take any action required by any non-deficient portion of the submission. Implementation of any non-deficient portion of a submission shall not relieve the Settling Defendants of any liability for stipulated penalties under Section XX (Stipulated Penalties).

40. In the event that a resubmitted plan, report or other item, or portion thereof, is disapproved by EPA, EPA may again require the Settling Defendants to correct the deficiencies, in accordance with the preceding Paragraphs. EPA also retains the right to modify or develop the plan, report or other item. Settling Defendants shall implement any such plan, report, or item as modified or developed by EPA, subject only to their right to invoke the procedures set forth in Section XIX (Dispute Resolution).

41. If upon resubmission, a plan, report, or other item is disapproved or modified by EPA due to a material defect, the Settling Defendants shall be deemed to have failed to submit such plan, report, or item timely and adequately unless the Settling Defendants invoke the dispute

resolution procedures set forth in Section XIX (Dispute Resolution) and EPA's action is overturned pursuant to that Section. The provisions of Section XIX (Dispute Resolution) and Section XX (Stipulated Penalties) shall govern the implementation of the Work and accrual and payment of any stipulated penalties during Dispute Resolution. If EPA's disapproval or modification is upheld, stipulated penalties shall accrue for such violation from the date on which the initial submission was originally required, as provided in Section XX.

42. All plans, reports, and other items required to be submitted to EPA under this Consent Decree shall, upon approval or modification by EPA, be enforceable under this Consent Decree. In the event EPA approves or modifies a portion of a plan, report, or other item required to be submitted to EPA under this Consent Decree, the approved or modified portion shall be enforceable under this Consent Decree.

## **XII. PROJECT COORDINATORS**

43. Within 20 days of lodging this Consent Decree, the Settling Defendants, the State, and EPA will notify each other, in writing, of the name, address and telephone number of their respective designated Project Coordinators and Alternate Project Coordinators. If a Project Coordinator or Alternate Project Coordinator initially designated is changed, the identity of the successor will be given to the other Parties at least 5 working days before the changes occur, unless impracticable, but in no event later than the actual day the change is made. The Settling Defendants' Project Coordinators shall be subject to disapproval by EPA and shall have the technical expertise sufficient to adequately oversee all aspects of the Work. The Settling Defendants' Project Coordinator shall not be an attorney for any of the Settling Defendants in this matter. He or she may assign other representatives, including other contractors, to serve as a Site representative for oversight of performance of daily operations during remedial activities.

44. Plaintiff may designate other representatives, including, but not limited to, EPA employees, and federal contractors and consultants, to observe and monitor the progress of any activity undertaken pursuant to this Consent Decree. EPA's Project Coordinator and Alternate Project Coordinator shall have the authority lawfully vested in a Remedial Project Manager (RPM) and an On-Scene Coordinator (OSC) by the National Contingency Plan, 40 C.F.R. Part 300. In addition, EPA's Project Coordinator or Alternate Project Coordinator shall have authority, consistent with the National Contingency Plan, to halt any Work required by this Consent Decree and to take any necessary response action when s/he determines that conditions at the Site constitute an emergency situation or may present an immediate threat to public health or welfare or the environment due to release or threatened release of Waste Material.

45. EPA's Project Coordinator and the Settling Defendants' Project Coordinators will meet on a monthly basis, unless a different schedule is deemed appropriate by EPA's Project Coordinator.

### **XIII. ASSURANCE OF ABILITY TO COMPLETE WORK**

46. Within 60 days of entry of this Consent Decree, the Settling Defendants shall establish and maintain financial security for the Site work in the amount of \$2,200,000 in one or more of the following forms:

- (a) A surety bond guaranteeing performance of the Work;
- (b) One or more irrevocable letters of credit equaling the total estimated cost of the Work;
- (c) A trust fund;
- (d) A guarantee to perform the Work by one or more parent corporations or subsidiaries, or by one or more unrelated corporations that have a substantial business relationship with at least one of the Settling Defendants; or
- (e) A demonstration that one or more of the Settling Defendants satisfy the requirements of 40 C.F.R. Part 264.143(f).

47. If the Settling Defendants seek to demonstrate the ability to complete the Work through a guarantee by a third party pursuant to Paragraph 46(d) of this Consent Decree, the Settling Defendants shall demonstrate that the guarantor satisfies the requirements of 40 C.F.R. Part 264.143(f). If the Settling Defendants seek to demonstrate their ability to complete the Work by means of the financial test or the corporate guarantee pursuant to Paragraph 46(d) or 46(e), they shall resubmit sworn statements conveying the information required by 40 C.F.R. Part 264.143(f) annually, on the anniversary of the Effective Date. In the event that EPA, after a reasonable opportunity for review and comment by the State, determines at any time that the financial assurances provided pursuant to this Section are inadequate, the Settling Defendants shall, within 30 days of receipt of notice of EPA's determination, obtain and present to EPA for approval one of the other forms of financial assurance listed in Paragraph 46 of this Consent Decree. Settling Defendants' inability to demonstrate financial ability to complete the Work shall not excuse performance of any activities required under this Consent Decree.

48. If the Settling Defendants can show that the estimated cost to complete the remaining Site Work has diminished below the amount set forth in Paragraph 46 above after entry of this Consent Decree, the Settling Defendants may, on any anniversary date of entry of this Consent Decree, or at any other time agreed to by the Parties, reduce the amount of the financial security provided under this Section to the estimated cost of the remaining work to be performed. Settling Defendants shall submit a proposal for such reduction to EPA, in accordance with the requirements of this Section, and may reduce the amount of the security upon approval by EPA. In the event of a dispute, the Settling Defendants may reduce the amount of the security in accordance with the final administrative or judicial decision resolving the dispute.

49. Settling Defendants may change the form of financial assurance provided under this Section at any time, upon notice to and approval by EPA, provided that the new form of assurance meets the requirements of this Section. In the event of a dispute, the Settling Defendants may change the form of the financial assurance only in accordance with the final administrative or judicial decision resolving the dispute.

#### **XIV. CERTIFICATION OF COMPLETION**

##### **50. Completion of the Remedial Action.**

(a) Within 90 days after the Settling Defendants conclude that the Remedial Action has been fully performed and the Performance Standards have been attained, the Settling Defendants shall schedule and conduct a pre-certification inspection to be attended by the Settling Defendants, EPA, and the State. If, after the pre-certification inspection, the Settling Defendants still believe that the Remedial Action has been fully performed and the Performance Standards have been attained, they shall submit a written report requesting certification to EPA for approval, with a copy to the State, pursuant to Section XI (EPA Approval of Plans and Other Submissions) within 30 days of the inspection. In the report, a registered professional engineer and the Settling Defendants' Project Coordinators shall state that the Site Remedial Action has been completed in full satisfaction of the requirements of this Consent Decree. The written report shall include as-built drawings signed and stamped by a professional engineer. The report shall contain the following statement, signed by a responsible corporate official of a Settling Defendant or the Settling Defendants' Project Coordinator:

To the best of my knowledge, after thorough investigation, I certify that the information contained in or accompanying this submission is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If, after completion of the pre-certification inspection and receipt and review of the written report, EPA, after reasonable opportunity to review and comment by the State, determines that the Remedial Action or any portion thereof has not been completed in accordance with this Consent Decree or that the Performance Standards have not been achieved, EPA will notify the Settling Defendants in writing of the activities that must be undertaken by the Settling Defendants pursuant to this Consent Decree to complete the Remedial Action and achieve the Performance Standards, provided, however, that EPA may only require the Settling Defendants to perform such activities pursuant to this Paragraph to the extent that such activities are consistent with the "scope of the remedy selected in the ROD", as that term is defined in Paragraph 14(b). EPA will set forth in the notice a schedule for performance of such activities consistent with the Consent Decree and the SOW or require the Settling Defendants to submit a schedule to EPA for approval pursuant to Section XI (EPA Approval of Plans and Other Submissions). Settling Defendants shall perform all activities described in the notice in accordance with the specifications and schedules established pursuant to this Paragraph, subject to their right to invoke the dispute resolution procedures set forth in Section XIX (Dispute Resolution).

(b) If EPA concludes, based on the initial or any subsequent report requesting Certification of Completion and after a reasonable opportunity for review and comment by the State, that the Remedial Action has been performed in accordance with this Consent Decree and that the Performance Standards have been achieved, EPA will so certify in writing to the Settling Defendants. This certification shall constitute the Certification of Completion of the Remedial Action for purposes of this Consent Decree, including, but not limited to, Section XXI (Covenants by Plaintiff). Certification of Completion of the Remedial Action shall not affect the

Settling Defendants' other obligations under this Consent Decree.

51. Completion of the Work.

(a) Within 90 days after the Settling Defendants conclude that all phases of the Work (including O & M), have been fully performed, the Settling Defendants shall schedule and conduct a pre-certification inspection to be attended by the Settling Defendants, EPA, and the State. If, after the pre-certification inspection, the Settling Defendants still believe that the Work has been fully performed, the Settling Defendants shall submit a written report by a registered professional engineer stating that the Work has been completed in full satisfaction of the requirements of this Consent Decree. The report shall contain the following statement, signed by a responsible corporate official of a Settling Defendant or the Settling Defendants' Project Coordinator:

To the best of my knowledge, after thorough investigation, I certify that the information contained in or accompanying this submission is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If, after review of the written report, EPA, after reasonable opportunity to review and comment by the State, determines that any portion of the Work has not been completed in accordance with this Consent Decree, EPA will notify the Settling Defendants in writing of the activities that must be undertaken by the Settling Defendants pursuant to this Consent Decree to complete the Work, provided, however, that EPA may only require the Settling Defendants to perform such activities pursuant to this Paragraph to the extent that such activities are consistent with the "scope of the remedy selected in the ROD," as that term is defined in Paragraph 14(b). EPA will set forth in the notice a schedule for performance of such activities consistent with the Consent Decree and the SOW or require the Settling Defendants to submit a schedule to EPA for approval pursuant to Section XI (EPA Approval of Plans and Other Submissions). Settling Defendants shall perform all activities described in the notice in accordance with the specifications and schedules established therein, subject to their right to invoke the dispute resolution procedures set forth in Section XIX (Dispute Resolution).

(b) If EPA concludes, based on the initial or any subsequent request for Certification of Completion by the Settling Defendants and after a reasonable opportunity for review and comment by the State, that the Work has been performed in accordance with this Consent Decree, EPA will so notify the Settling Defendants, FDOT, and the Paul Entities in writing.

**XV. EMERGENCY RESPONSE**

52. In the event of any action or occurrence during the performance of the Work which causes or threatens a release of Waste Material from the Site that constitutes an emergency situation or may present an immediate threat to public health or welfare or the environment, the Settling Defendants shall, subject to Paragraph 53, immediately take all appropriate action to prevent, abate, or minimize such release or threat of release, and shall immediately notify the EPA's Project Coordinator, or, if the Project Coordinator is unavailable, EPA's Alternate Project Coordinator. If neither of these persons is available, the Settling Defendants shall notify the EPA

Region 4 24-Hour Spill Reporting Number at (404) 562-8700. Settling Defendants shall take such actions in consultation with EPA's Project Coordinator or other available authorized EPA officer and in accordance with all applicable provisions of the Health and Safety Plans, the Contingency Plans, and any other applicable plans or documents developed pursuant to the SOW. In the event that the Settling Defendants fail to take appropriate response action as required by this Section, and EPA takes such action instead, the Settling Defendants shall reimburse EPA all costs of the response action not inconsistent with the NCP pursuant to Section XVI (Payments for Response Costs).

53. Nothing in the preceding Paragraph or in this Consent Decree shall be deemed to limit any authority of the United States, or the State, a) to take all appropriate action to protect human health and the environment or to prevent, abate, respond to, or minimize an actual or threatened release of Waste Material on, at, or from the Site, or b) to direct or order such action, or seek an order from the Court, to protect human health and the environment or to prevent, abate, respond to, or minimize an actual or threatened release of Waste Material on, at, or from the Site, subject to Section XXI (Covenants by Plaintiff).

#### **XVI. PAYMENTS FOR RESPONSE COSTS**

##### **54. Payments by FDOT.**

a. Within 30 days of the effective date of this Consent Decree, FDOT shall pay to the EPA Hazardous Substance Superfund \$500,000. The state warrant shall be made payable to the "EPA Hazardous Substance Superfund" referencing USAO File Number \_\_\_\_\_, EPA Site/Spill ID Number A416, and DOJ Case Number 90-11-2-1069 and shall be sent to the Financial Litigation Unit of the United States Attorney's Office for the Southern District of Florida following lodging of the Consent Decree. Any payment received by the Department of Justice after 4:00 p.m. (Eastern Time) will be credited on the next business day. The Federal Tax Identification number to be used to make this payment to the EPA Hazardous Substance Superfund is 520852695.

b. At the time of payment, the FDOT shall send notice that such payment has been made to the United States, to EPA, and to the Regional Financial Management Officer, in accordance with Section XXVI (Notices and Submissions).

c. The total amount to be paid by FDOT pursuant to Subparagraph 54.a shall be deposited in the EPA Hazardous Substance Superfund.

d. In the event that FDOT's payment required by Paragraph 54.a. is not made within 30 days of the effective date of this Consent Decree, FDOT shall pay Interest on the unpaid balance at the rate established pursuant to section 107(a) of CERCLA, 42 U.S.C. § 9607(a), commencing on the effective date of this Consent Decree and accruing through the date of the payment.

##### **55. Payments by Settling Defendants.**

a. Within 30 days of the Effective Date, Settling Defendants shall pay to EPA \$96,892.11 in payment of their share of Past Response Costs. Settling Defendants shall make the payment required by this Paragraph by FedWire Electronic Funds Transfer ("EFT") to the U.S. Department of Justice account in accordance with current EFT procedures, referencing USAO

File Number \_\_\_\_\_, EPA Site/Spill ID Number A416, and DOJ Case Number 90-11-2-1069. Payment shall be made in accordance with instructions provided to the Settling Defendants by the Financial Litigation Unit of the United States Attorney's Office for the Southern District of Florida following lodging of the Consent Decree. Any payments received by the Department of Justice after 4:00 p.m. (Eastern Time) will be credited on the next business day.

b. Also, except as provided in this subparagraph, Settling Defendants shall pay to EPA all Future Response Costs not inconsistent with the National Contingency Plan. On a periodic basis the United States will send the Settling Defendants a bill requiring payment that includes a SCORPIOS report which includes direct and indirect costs incurred by EPA and its contractors, and a DOJ cost summary which reflects costs incurred by DOJ and its contractors, if any. Settling Defendants shall make all payments within 30 days of the Settling Defendants' receipt of each bill requiring payment, except as otherwise provided in Paragraph 56. Settling Defendants shall make all payments required by this Paragraph by a certified or cashier's check or checks made payable to "EPA Hazardous Substance Superfund," referencing the name and address of the party making the payment, EPA Site/Spill ID Number A416, and DOJ Case Number 90-11-2-1069. Settling Defendants shall send the check to:

U.S. EPA, Region 4  
Superfund Accounting  
Attn: Collection Officer in Superfund  
P.O. Box 100142  
Atlanta, GA 30384

c. At the time of each payment, the Settling Defendants shall send notice that payment has been made to the United States, to EPA and to the Regional Financial Management Officer, in accordance with Section XXVI (Notices and Submissions).

d. The total amount to be paid by Settling Defendants pursuant to Subparagraphs 55.a and 55.b shall be deposited in the EPA Hazardous Substance Superfund.

56. Settling Defendants may contest payment of any Future Response Costs under Paragraph 55 if they determine that the United States has made an accounting error or if they allege that a cost item that is included represents costs that are inconsistent with the NCP. Such objection shall be made in writing within 30 days of receipt of the bill and must be sent to the United States pursuant to Section XXVI (Notices and Submissions). Any such objection shall specifically identify the contested Future Response Costs and the basis for objection. In the event of an objection, the Settling Defendants shall within the 30 day period pay all uncontested Future Response Costs to the United States in the manner described in Paragraph 55. Simultaneously, the Settling Defendants shall establish an interest-bearing escrow account in a federally-insured bank duly chartered in the State of Florida and remit to that escrow account funds equivalent to the amount of the contested Future Response Costs. The Settling Defendants shall send to the United States, as provided in Section XXVI (Notices and Submissions), a copy of the transmittal letter and check paying the uncontested Future Response Costs, and a copy of the correspondence that establishes and funds the escrow account, including, but not limited to,

information containing the identity of the bank and bank account under which the escrow account is established as well as a bank statement showing the initial balance of the escrow account. Simultaneously with establishment of the escrow account, the Settling Defendants shall initiate the Dispute Resolution procedures in Section XIX (Dispute Resolution). If the United States prevails in the dispute, within 5 days of the resolution of the dispute, the Settling Defendants shall pay the sums due (with accrued interest) to the United States in the manner described in Paragraph 55. If the Settling Defendants prevail concerning any aspect of the contested costs, the Settling Defendants shall pay that portion of the costs (plus associated accrued interest) for which they did not prevail to the United States in the manner described in Paragraph 55; Settling Defendants shall be disbursed any balance of the escrow account. The dispute resolution procedures set forth in this Paragraph in conjunction with the procedures set forth in Section XIX (Dispute Resolution) shall be the exclusive mechanisms for resolving disputes regarding the Settling Defendants' obligation to reimburse the United States for its Future Response Costs.

57. In the event that the payments required by Paragraph 55(a) are not made within 30 days of the Effective Date or the payments required by Paragraph 55(b) are not made within 30 days of the Settling Defendants' receipt of the bill, the Settling Defendants shall pay Interest on the unpaid balance. The Interest to be paid on Past Response Costs under this Paragraph shall begin to accrue on the Effective Date. The Interest on Future Response Costs shall begin to accrue on the date of the bill. The Interest shall accrue through the date of the Settling Defendants' payment. Payments of Interest made under this Paragraph shall be in addition to such other remedies or sanctions available to Plaintiff by virtue of the Settling Defendants' failure to make timely payments under this Section including, but not limited to, payment of stipulated penalties pursuant to Paragraph 73. The Settling Defendants shall make all payments required by this Paragraph in the manner described in Paragraph 55.

58. Payments by Settling Federal Agencies.

a. (i) As soon as reasonably practicable after the effective date of this Consent Decree, and consistent with Subparagraph 58(a)(ii), the United States, on behalf of the Settling Federal Agencies, shall pay to the EPA Hazardous Substance Superfund \$1,289,064. Of this amount, \$35,090.07, shall be paid on behalf of the United States Postal Service.

(ii) If the payment to the EPA Hazardous Substances Superfund required by this subparagraph is not made as soon as reasonably practicable, the appropriate EPA Regional Branch Chief may raise any issues related to payment to the appropriate DOJ Assistant Section Chief for the Environmental Defense Section. In any event, if this payment is not made within 120 days after the effective date of this Consent Decree, EPA and DOJ have agreed to resolve the issue within 30 days in accordance with a letter agreement dated December 28, 1998.

b. The total amount to be paid by the Settling Federal Agencies pursuant to Subparagraph 58.a shall be deposited in the EPA Hazardous Substance Superfund.

c. In the event that the Settling Federal Agencies' payment required by Paragraph 58 is not made within 30 days of the effective date of this Consent Decree, Interest on the unpaid balance shall be paid at the rate established pursuant to section 107(a) of CERCLA, 42 U.S.C. § 9607(a), commencing on the effective date of this Consent Decree and accruing through the date of the payment.



d. The Parties to this Consent Decree recognize and acknowledge that the payment obligations of the Settling Federal Agencies under this Consent Decree can only be paid from appropriated funds legally available for such purpose. Nothing in this Consent Decree shall be interpreted or construed as a commitment or requirement that any Settling Federal Agency obligate or pay funds in contravention of the Anti-Deficiency Act, 31 U.S.C. § 1341, or any other applicable provision of law.

59. Payment by Barry Paul.

a. Within 30 days of the Effective Date, Barry Paul shall pay to EPA \$700,000. Barry Paul shall make the payment required by this Paragraph by FedWire Electronic Funds Transfer ("EFT") to the U.S. Department of Justice account in accordance with current EFT procedures, referencing USAO File Number \_\_\_\_\_, EPA Site/Spill ID Number A416, and DOJ Case Number 90-11-2-1069. Payment shall be made in accordance with instructions provided to Barry Paul by the Financial Litigation Unit of the United States Attorney's Office for the Southern District of Florida following lodging of the Consent Decree. Any payments received by the Department of Justice after 4:00 p.m. (Eastern Time) will be credited on the next business day.

b. At the time of payment, Barry Paul shall send notice that such payment has been made to the United States, to EPA, and to the Regional Financial Management Officer, in accordance with Section XXVI (Notices and Submissions).

c. The total amount to be paid by Barry Paul pursuant to Subparagraph 59.a shall be deposited in the EPA Hazardous Substance Superfund.

d. In the event that Barry Paul's payment required by Paragraph 59.a. is not made within 30 days of the effective date of this Consent Decree, Barry Paul shall pay Interest on the unpaid balance at the rate established pursuant to section 107(a) of CERCLA, 42 U.S.C. § 9607(a), commencing on the effective date of this Consent Decree and accruing through the date of the payment.

e. Within 30 days of the Effective Date, Barry Paul shall pay to the Settling Defendants \$300,000 by certified check. In the event that this payment is not made within 30 days of the effective date of this Consent Decree, Barry Paul shall pay Interest on the unpaid balance at the rate established pursuant to section 107(a) of CERCLA, 42 U.S.C. § 9607(a), commencing on the effective date of this Consent Decree and accruing through the date of the payment.

**XVII. INDEMNIFICATION AND INSURANCE**

60. Settling Defendants' Indemnification of the United States.

a. The United States does not assume any liability by entering into this agreement or by virtue of any designation of the Settling Defendants as EPA's authorized representatives under Section 104(e) of CERCLA. Settling Defendants shall indemnify, save and hold harmless the United States and its officials, agents, employees, contractors, subcontractors, or representatives for or from any and all claims or causes of action arising from, or on account of, negligent or other wrongful acts or omissions of the Settling Defendants, their officers, directors, employees, agents, contractors, subcontractors, and any persons acting on their behalf

or under their control, in carrying out activities pursuant to this Consent Decree, including, but not limited to, any claims arising from any designation of the Settling Defendants as EPA's authorized representatives under Section 104(e) of CERCLA. Further, the Settling Defendants agree to pay the United States all costs it incurs including, but not limited to, attorneys fees and other expenses of litigation and settlement arising from, or on account of, claims made against the United States based on negligent or other wrongful acts or omissions of the Settling Defendants, their officers, directors, employees, agents, contractors, subcontractors, and any persons acting on their behalf or under their control, in carrying out activities pursuant to this Consent Decree. The United States shall not be held out as a party to any contract entered into by or on behalf of the Settling Defendants in carrying out activities pursuant to this Consent Decree. Neither the Settling Defendants, nor any such contractor shall be considered an agent of the United States. This provision applies only to the extent permitted by Florida law, and it shall not constitute a waiver of sovereign immunity beyond the statutory limits of Florida Statutes § 768.28.

b. The United States shall give the Settling Defendants notice of any claim for which the United States plans to seek indemnification pursuant to Paragraph 60, and shall consult with the Settling Defendants prior to settling such claim.

61. Settling Defendants waive all claims against the United States for damages or reimbursement or for set-off of any payments made or to be made to the United States, arising from or on account of any contract, agreement, or arrangement between any one or more of the Settling Defendants and any person for performance of Work on or relating to the Site, including, but not limited to, claims on account of construction delays. In addition, the Settling Defendants shall indemnify and hold harmless the United States with respect to any and all claims for damages or reimbursement arising from or on account of any contract, agreement, or arrangement between any one or more of the Settling Defendants and any person for performance of Work on or relating to the Site, including, but not limited to, claims on account of construction delays.

62. No later than 15 days before commencing any on-site Work, the Settling Defendants, with the exception of self-insured governmental entities, shall secure, and shall maintain until the first anniversary of EPA's Certification of Completion of the Remedial Action pursuant to Subparagraph 50(b) of Section XIV (Certification of Completion) comprehensive general liability insurance with limits of \$2,000,000 dollars, combined single limit, and automobile liability insurance with limits of \$1,000,000 dollars, combined single limit, naming the United States as an additional insured. The Settling Defendants who are self-insured government entities shall maintain until the first anniversary of EPA's Certification of Completion of the Remedial Action, a certificate evidencing self-insurance coverage for comprehensive general liability and automobile liability, in the amount of One Hundred Thousand Dollars (\$100,000) per person and Two Hundred Thousand Dollars (\$200,000) per incident or occurrence, and Worker's Compensation insurance covering all employees in accordance with Chapter 440 Florida Statutes. In the event the Legislature should change governmental entities' exposure by Statute above or below the sums insured against, the Settling Defendants who are governmental entities shall provide insurance to the extent of that exposure. In addition, for the duration of this Consent Decree, the Settling Defendants shall satisfy, or shall ensure that their contractors or subcontractors satisfy, all applicable laws and regulations

regarding the provision of worker's compensation insurance for all persons performing the Work on behalf of the Settling Defendants in furtherance of this Consent Decree. Prior to commencement of the Work under this Consent Decree, the Settling Defendants shall provide to EPA certificates of such insurance and upon request a copy of each insurance policy. Settling Defendants shall resubmit such certificates each year on the anniversary of the Effective Date. If the Settling Defendants demonstrate by evidence satisfactory to EPA that any contractor or subcontractor maintains insurance equivalent to that described above, or insurance covering the same risks but in a lesser amount, then, with respect to that contractor or subcontractor, the Settling Defendants need provide only that portion of the insurance described above which is not maintained by the contractor or subcontractor.

#### **XVIII. FORCE MAJEURE**

63. "Force Majeure," for purposes of this Consent Decree, is defined as any event arising from causes beyond the control of the Settling Defendants, of any entity controlled by the Settling Defendants, or of the Settling Defendants' contractors, that delays or prevents the performance of any obligation under this Consent Decree despite the Settling Defendants' best efforts to fulfill the obligation. The requirement that the Settling Defendants exercise "best efforts to fulfill the obligation" includes using best efforts to anticipate any potential force majeure event and best efforts to address the effects of any potential force majeure event (1) as it is occurring and (2) following the potential force majeure event, such that the delay is minimized to the greatest extent possible. "Force Majeure" does not include financial inability to complete the Work or a failure to attain the Performance Standards.

64. If any event occurs or has occurred that may delay the performance of any obligation under this Consent Decree, whether or not caused by a force majeure event, the Settling Defendants shall notify orally EPA's Project Coordinator or, in his or her absence, EPA's Alternate Project Coordinator or, in the event both of EPA's designated representatives are unavailable, the Director of the Waste Management Division, EPA Region 4, within 24 hours of when the Settling Defendants first knew that the event might cause a delay. Within 7 days thereafter, the Settling Defendants shall provide in writing to EPA and the State an explanation and description of the reasons for the delay; the anticipated duration of the delay; all actions taken or to be taken to prevent or minimize the delay; a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay; the Settling Defendants' rationale for attributing such delay to a force majeure event if they intend to assert such a claim; and a statement as to whether, in the opinion of the Settling Defendants, such event may cause or contribute to an endangerment to public health, welfare or the environment. The Settling Defendants shall include with any notice all available documentation supporting their claim that the delay was attributable to a force majeure. Failure to comply with the above requirements shall preclude the Settling Defendants from asserting any claim of force majeure for that event for the period of time of such failure to comply, and for any additional delay caused by such failure. Settling Defendants shall be deemed to know of any circumstance of which the Settling Defendants, any entity controlled by the Settling Defendants, or the Settling Defendants' contractors knew or should have known.

65. If EPA, after a reasonable opportunity for review and comment by the State, agrees that the delay or anticipated delay is attributable to a force majeure event, the time for performance of the obligations under this Consent Decree that are affected by the force majeure

event will be extended by EPA, after a reasonable opportunity for review and comment by the State, for such time as is necessary to complete those obligations. An extension of the time for performance of the obligations affected by the force majeure event shall not, of itself, extend the time for performance of any other obligation. If EPA, after a reasonable opportunity for review and comment by the State, does not agree that the delay or anticipated delay has been or will be caused by a force majeure event, EPA will notify the Settling Defendants in writing of its decision. If EPA, after a reasonable opportunity for review and comment by the State, agrees that the delay is attributable to a force majeure event, EPA will notify the Settling Defendants in writing of the length of the extension, if any, for performance of the obligations affected by the force majeure event.

66. If the Settling Defendants elect to invoke the dispute resolution procedures set forth in Section XIX (Dispute Resolution), they shall do so no later than 15 days after receipt of EPA's notice. In any such proceeding, the Settling Defendants shall have the burden of demonstrating by a preponderance of the evidence that the delay or anticipated delay has been or will be caused by a force majeure event, that the duration of the delay or the extension sought was or will be warranted under the circumstances, that best efforts were exercised to avoid and mitigate the effects of the delay, and that the Settling Defendants complied with the requirements of Paragraphs 63 and 64, above. If the Settling Defendants carry this burden, the delay at issue shall be deemed not to be a violation by the Settling Defendants of the affected obligation of this Consent Decree identified to EPA and the Court.

#### **XIX. DISPUTE RESOLUTION**

67. Unless otherwise expressly provided for in this Consent Decree, the dispute resolution procedures of this Section shall be the exclusive mechanism to resolve disputes arising under or with respect to this Consent Decree. However, the procedures set forth in this Section shall not apply to actions by the United States to enforce obligations of the Settling Defendants or the FDOT that have not been disputed in accordance with this Section.

68. Any dispute which arises under or with respect to this Consent Decree shall in the first instance be the subject of informal negotiations between the parties to the dispute. The period for informal negotiations shall not exceed 20 days from the time the dispute arises, unless it is modified by written agreement of the parties to the dispute. The dispute shall be considered to have arisen when one party sends the other parties a written Notice of Dispute. In the event the dispute is raised by a party to the Consent Decree other than EPA, the Notice of Dispute shall be sent to EPA, with copies to the other parties. By the end of the informal negotiating period, EPA shall advance a position in a dispute involving any party.

#### **69. Statements of Position.**

a. In the event that the parties cannot resolve a dispute by informal negotiations under the preceding Paragraph, then the position advanced by EPA shall be considered binding unless, within 7 days after the conclusion of the informal negotiation period, the Settling Defendants or the FDOT invoke the formal dispute resolution procedures of this Section by serving on the United States a written Statement of Position on the matter in dispute, including, but not limited to, any factual data, analysis or opinion supporting that position and any supporting documentation relied upon by the Settling Defendants or the FDOT. The Statement of Position shall specify the Settling Defendants' or the FDOT's position as to whether

formal dispute resolution should proceed under Paragraph 70 or Paragraph 71.

b. Within 30 days after receipt of the Settling Defendants' or the FDOT's Statement of Position, EPA will serve on the Settling Defendants or the FDOT its Statement of Position, including, but not limited to, any factual data, analysis, or opinion supporting that position and all supporting documentation relied upon by EPA. EPA's Statement of Position shall include a statement as to whether formal dispute resolution should proceed under Paragraph 70 or 71. Within 7 days after receipt of EPA's Statement of Position, the Settling Defendants or the FDOT may submit a Reply.

c. If there is disagreement between EPA and the Settling Defendants or the FDOT as to whether dispute resolution should proceed under Paragraph 70 or 71, the parties to the dispute shall follow the procedures set forth in the paragraph determined by EPA to be applicable. However, if the Settling Defendants or the FDOT ultimately appeal to the Court to resolve the dispute, the Court shall determine which paragraph is applicable in accordance with the standards of applicability set forth in Paragraphs 70 and 71.

70. Formal dispute resolution for disputes pertaining to the selection or adequacy of any response action and all other disputes that are accorded review on the administrative record under applicable principles of administrative law shall be conducted pursuant to the procedures set forth in this Paragraph. For purposes of this Paragraph, the adequacy of any response action includes, without limitation: (1) the adequacy or appropriateness of plans, procedures to implement plans, or any other items requiring approval by EPA under this Consent Decree; and (2) the adequacy of the performance of response actions taken pursuant to this Consent Decree. Nothing in this Consent Decree shall be construed to allow any dispute by the Settling Defendants or the FDOT regarding the validity of the ROD's provisions.

a. An administrative record of the dispute shall be maintained by EPA and shall contain all statements of position, including supporting documentation, submitted pursuant to this Section. Where appropriate, EPA may allow submission of supplemental statements of position by the parties to the dispute.

b. The Director of the Waste Management Division, EPA Region 4, will issue a final administrative decision resolving the dispute based on the administrative record described in Paragraph 70(a). This decision shall be binding upon the Settling Defendants, subject only to the right to seek judicial review pursuant to Paragraph 70(c) and 70(d).

c. Any administrative decision made by EPA pursuant to Paragraph 70(b) shall be reviewable by this Court, provided that a motion for judicial review of the decision is filed by the Settling Defendants or the FDOT with the Court and served on all Parties within 10 days of receipt of EPA's decision. The motion shall include a description of the matter in dispute, the efforts made by the parties to resolve it, the relief requested, and the schedule, if any, within which the dispute must be resolved to ensure orderly implementation of this Consent Decree. The United States may file a response to the Settling Defendants' or the FDOT's motion.

d. In proceedings on any dispute governed by this Paragraph, the Settling Defendants or the FDOT shall have the burden of demonstrating that the decision of the Waste Management Division Director is arbitrary and capricious or otherwise not in accordance with law. Judicial review of EPA's decision shall be on the administrative record compiled pursuant

to Paragraph 70(a).

71. Formal dispute resolution for disputes that neither pertain to the selection or adequacy of any response action nor are otherwise accorded review on the administrative record under applicable principles of administrative law, shall be governed by this Paragraph.

a. Following receipt of the Settling Defendants' or the FDOT's Statement of Position submitted pursuant to Paragraph 69, the Director of the Waste Management Division, EPA Region 4, will issue a final decision resolving the dispute. The Waste Management Division Director's decision shall be binding on the Settling Defendants or the FDOT unless, within 10 days of receipt of the decision, the Settling Defendants or the FDOT file with the Court and serve on the parties a motion for judicial review of the decision setting forth the matter in dispute, the efforts made by the parties to resolve it, the relief requested, and the schedule, if any, within which the dispute must be resolved to ensure orderly implementation of the Consent Decree. The United States may file a response to the Settling Defendants' or the FDOT's motion.

b. Notwithstanding Paragraph AA of Section I (Background) of this Consent Decree, judicial review of any dispute governed by this Paragraph shall be governed by applicable principles of law.

72. The invocation of formal dispute resolution procedures under this Section shall not extend, postpone or affect in any way any obligation of the Settling Defendants under this Consent Decree, not directly in dispute, unless EPA or the Court agrees otherwise. Stipulated penalties with respect to the disputed matter shall continue to accrue but payment shall be stayed pending resolution of the dispute as provided in Paragraph 81. Notwithstanding the stay of payment, stipulated penalties shall accrue from the first day of noncompliance with any applicable provision of this Consent Decree. In the event that the Settling Defendants do not prevail on the disputed issue, stipulated penalties shall be assessed and paid as provided in Section XX (Stipulated Penalties).

#### **XX. STIPULATED PENALTIES**

73. Settling Defendants shall be liable for stipulated penalties in the amounts set forth in Paragraphs 74 and 75 to the United States for failure to comply with the requirements of this Consent Decree specified below, unless excused under Section XVIII (Force Majeure). "Compliance" by the Settling Defendants shall include completion of the activities under this Consent Decree or any work plan or other plan approved under this Consent Decree identified below in accordance with all applicable requirements of law, this Consent Decree, the SOW, and any plans or other documents approved by EPA pursuant to this Consent Decree and within the specified time schedules established by and approved under this Consent Decree.

#### **74. Stipulated Penalty Amounts - Work.**

a. The following stipulated penalties shall accrue per violation per day for any noncompliance identified in Subparagraph 74(b):

<u>Penalty Per Violation Per Day</u>	<u>Period of Noncompliance</u>
\$1,000	1st through 14th day
\$2,000	15th through 30th day

\$5,000

31st day and beyond

b. Compliance Milestones.

Compliance milestones shall include all work related activities with respect to the start and completion of work plans, designs and field activities. A detailed schedule including milestone activities and due dates shall be provided in the RD and RA work plans.

75. Stipulated Penalty Amounts - Reports.

a. The following stipulated penalties shall accrue per violation per day for failure to submit timely or adequate reports or other written documents pursuant to this Consent Decree:

<u>Penalty Per Violation Per Day</u>	<u>Period of Noncompliance</u>
\$500	1st through 14th day
\$1,000	15th through 30th day
\$1,500	31st day and beyond

76. In the event that EPA assumes performance of a portion or all of the Work pursuant to Paragraph 93 of Section XXI (Covenants by Plaintiff), the Settling Defendants shall be liable for a stipulated penalty in the amount of \$750,000.

77. All penalties shall begin to accrue on the day after the complete performance is due or the day a violation occurs, and shall continue to accrue through the final day of the correction of the noncompliance or completion of the activity. However, stipulated penalties shall not accrue: (1) with respect to a deficient submission under Section XI (EPA Approval of Plans and Other Submissions), during the period, if any, beginning on the 31st day after EPA's receipt of such submission until the date that EPA notifies the Settling Defendants of any deficiency; (2) with respect to a decision by the Director of the Waste Management Division, EPA Region 4, under Paragraph 70(b) or 71(a) of Section XIX (Dispute Resolution), during the period, if any, beginning on the 21st day after the date that the Settling Defendants' reply to EPA's Statement of Position is received until the date that the Director issues a final decision regarding such dispute; or (3) with respect to judicial review by this Court of any dispute under Section XIX (Dispute Resolution), during the period, if any, beginning on the 31st day after the Court's receipt of the final submission regarding the dispute until the date that the Court issues a final decision regarding such dispute. Nothing herein shall prevent the simultaneous accrual of separate penalties for separate violations of this Consent Decree.

78. Following EPA's determination that the Settling Defendants have failed to comply with a requirement of this Consent Decree, EPA shall give the Settling Defendants written notification of the same and describe the noncompliance. EPA shall send the Settling Defendants a written demand for the payment of the penalties. However, penalties shall accrue as provided in the preceding Paragraph regardless of when EPA has notified the Settling Defendants of a violation.

79. All penalties accruing under this Section shall be due and payable to the United States within 30 days of the Settling Defendants' receipt from EPA of a demand for payment of the penalties, unless the Settling Defendants invoke the Dispute Resolution procedures under Section XIX (Dispute Resolution). All payments to the United States under this Section shall be paid by certified or cashier's check(s) made payable to: "EPA Hazardous Substances Superfund," shall be mailed to Attn: Superfund Accounting, P.O. Box 100142, Atlanta, GA 30384, shall indicate that the payment is for stipulated penalties, and shall reference the EPA Region and Site/Spill ID A416, the DOJ Case Number 90-11-2-1069, and the name and address of the party making payment. Copies of check(s) paid pursuant to this Section, and any accompanying transmittal letter(s), shall be sent to the United States as provided in Section XXVI (Notices and Submissions).

80. The payment of penalties shall not alter in any way the Settling Defendants' obligation to complete the performance of the Work required under this Consent Decree.

81. Penalties shall continue to accrue as provided in Paragraph 77 during any dispute resolution period, but need not be paid until the following:

a. If the dispute is resolved by agreement or by a decision of EPA that is not appealed to this Court, accrued penalties determined to be owing shall be paid to EPA within 15 days of the agreement or the receipt of EPA's decision or order;

b. If the dispute is appealed to this Court and the United States prevails in whole or in part, the Settling Defendants shall pay all accrued penalties determined by the Court to be owed to EPA within 60 days of receipt of the Court's decision or order, except as provided in Subparagraph c below;

c. If the District Court's decision is appealed by any Party, the Settling Defendants shall pay all accrued penalties determined by the District Court to be owing to the United States into an interest-bearing escrow account within 60 days of receipt of the Court's decision or order. Penalties shall be paid into this account as they continue to accrue, at least every 60 days. Within 15 days of receipt of the final appellate court decision, the escrow agent shall pay the balance of the account to EPA or to the Settling Defendants to the extent that they prevail.

82. If the Settling Defendants fail to pay stipulated penalties when due, the United States may institute proceedings to collect the penalties, as well as interest. Settling Defendants shall pay Interest on the unpaid balance, which shall begin to accrue on the date of demand made pursuant to Paragraph 79.

83. Nothing in this Consent Decree shall be construed as prohibiting, altering, or in any way limiting the ability of the United States to seek any other remedies or sanctions available by virtue of the Settling Defendants' violation of this Consent Decree or of the statutes and regulations upon which it is based, including, but not limited to, penalties pursuant to Section 122(l) of CERCLA, provided, however, that the United States shall not seek civil penalties pursuant to Section 122(l) of CERCLA for any violation for which a stipulated penalty is provided herein, except in the case of a willful violation of the Consent Decree.

84. Notwithstanding any other provision of this Section, the United States may, in its unreviewable discretion, waive any portion of stipulated penalties that have accrued pursuant to



this Consent Decree against the Settling Defendants.

#### **XXI. COVENANTS BY PLAINTIFF**

85. In consideration of the response actions that will be performed by the Settling Defendants and the payments that will be made by the Settling Defendants under the terms of the Consent Decree, and except as specifically provided in Paragraphs 89, 90, and 92 of this Section, the United States covenants not to sue or to take administrative action against the Settling Defendants pursuant to Sections 106 and 107(a) of CERCLA relating to the Site. Except with respect to future liability, these covenants not to sue shall take effect upon the receipt by EPA of the payments required by Paragraph 55(a) of Section XVI (Payments for Response Costs). With respect to future liability, these covenants not to sue shall take effect upon Certification of Completion of Remedial Action by EPA pursuant to Paragraph 50(b) of Section XIV (Certification of Completion). These covenants not to sue are conditioned upon the satisfactory performance by Settling Defendants of their obligations under this Consent Decree. These covenants not to sue extend only to the Settling Defendants and do not extend to any other person.

86. In consideration of the payment that will be made by the FDOT under the terms of Paragraph 54 of Section XVI (Payment For Response Costs) of the Consent Decree and the performance of FDOT's other obligations provided by the terms of the Consent Decree, and except as specifically provided in Paragraphs 89, 90 and 92 of this Section, the United States covenants not to sue or to take administrative action against the FDOT pursuant to Sections 106 and 107(a) of CERCLA, relating to the Site. Except with respect to future liability, these covenants not to sue which include, but are not limited to, not requiring the FDOT to perform the work described in Paragraph 6(a) through 6(c), shall take effect upon the receipt by EPA of the payments required by Paragraph 54 of Section XVI (Payments For Response Costs). With respect to future liability, these covenants not to sue shall take effect upon Certification of Completion of Remedial Action by EPA pursuant to Paragraph 50(b) of Section XIV (Certification of Completion). These covenants not to sue are conditioned upon the satisfactory performance by the FDOT of its obligations under this Consent Decree. These covenants not to sue extend only to the FDOT and do not extend to any other person.

87. In consideration of the payment that will be made by Barry Paul under the terms of Paragraph 59 of Section XVI (Payment For Response Costs) of the Consent Decree and the performance of the Paul Entities' other obligations provided by the terms of the Consent Decree, and except as specifically provided in Paragraphs 89, 90 and 92 of this Section, the United States covenants not to sue or to take administrative action against the Paul Entities pursuant to Sections 106 and 107(a) of CERCLA, relating to the Site. Except with respect to future liability, these covenants not to sue shall take effect upon the receipt by EPA of the payments required by Paragraph 59 of Section XVI (Payments For Response Costs). With respect to future liability, these covenants not to sue shall take effect upon Certification of Completion of Remedial Action by EPA pursuant to Paragraph 50(b) of Section XIV (Certification of Completion). These covenants not to sue are conditioned upon the satisfactory performance by the Paul Entities of their obligations under this Consent Decree. These covenants not to sue extend only to the Paul Entities and do not extend to any other person.

88. In consideration of the payments that will be made by the Settling Federal

Agencies under the terms of the Consent Decree, and except as specifically provided in Paragraphs 89, 90, and 92 of this Section, EPA covenants not to take administrative action against the Settling Federal Agencies pursuant to Sections 106 and 107(a) of CERCLA relating to the Site. Except with respect to future liability, EPA's covenant shall take effect upon the receipt of the payments required by Paragraph 58 of Section XVI (Payments for Response Costs). With respect to future liability, EPA's covenant shall take effect upon Certification of Completion of the Remedial Action by EPA pursuant to Paragraph 50(b) of Section XIV (Certification of Completion). EPA's covenant is conditioned upon the satisfactory performance by the Settling Federal Agencies of their obligations under this Consent Decree. EPA's covenant extends only to the Settling Federal Agencies and does not extend to any other person.

89. United States' Pre-certification Reservations. Notwithstanding any other provision of this Consent Decree, the United States reserves, and this Consent Decree is without prejudice to, the right to institute proceedings in this action or in a new action, or to issue an administrative order seeking to compel the Settling Defendants, the Paul Entities, and the FDOT, and EPA reserves the right to issue an administrative order seeking to compel the Settling Federal Agencies:

- a. to perform further response actions relating to the Site, or
- b. to reimburse the United States for additional costs of response if, prior to Certification of Completion of the Remedial Action:
  - 1. conditions at the Site, previously unknown to EPA, are discovered, or
  - 2. information, previously unknown to EPA, is received, in whole or in part,

and EPA determines that these previously unknown conditions or this information together with any other relevant information indicates that the Remedial Action, performed under Paragraphs 6(b) and/or 6(c) is not protective of human health or the environment. Provided, however, that conditions and/or information triggering the implementation of the Wellfield Protection component of the ROD under Paragraph 6(c) shall not constitute such conditions and/or information described in subparagraph 89(b).

90. United States' Post-certification Reservations. Notwithstanding any other provision of this Consent Decree, the United States reserves, and this Consent Decree is without prejudice to, the right to institute proceedings in this action or in a new action, or to issue an administrative order seeking to compel the Settling Defendants, the Paul Entities, and the FDOT, and EPA reserves the right to issue an administrative order seeking to compel the Settling Federal Agencies:

- a. to perform further response actions relating to the Site, or
- b. to reimburse the United States for additional costs of response if, subsequent to Certification of Completion of the Remedial Action:
  - 1. conditions at the Site, previously unknown to EPA, are discovered, ~~or~~
  - or

2. information, previously unknown to EPA, is received, in whole or in part,

and EPA determines that these previously unknown conditions or this information together with other relevant information indicate that the Remedial Action is not protective of human health or the environment.

91. For purposes of Paragraph 89, the information and the conditions known to EPA shall include only that information and those conditions known to EPA as of the date the ESD was signed and set forth in the ROD, the ESD for the Site or the administrative record supporting the ROD or the ESD. For purposes of Paragraph 90, the information and the conditions known to EPA shall include only that information and those conditions known to EPA as of the date of Certification of Completion of the Remedial Action and set forth in the ROD and the ESD for the Site, the administrative record supporting the ROD or the ESD, the post-ROD administrative record, or in any information received by EPA pursuant to the requirements of this Consent Decree prior to Certification of Completion of the Remedial Action.

92. General reservations of rights. The United States reserves, and this Consent Decree is without prejudice to, all rights against the Settling Defendants, the Paul Entities, and the FDOT; and EPA and the federal natural resources trustees reserve, and this Consent Decree is without prejudice to, all rights against the Settling Federal Agencies, with respect to all matters not expressly included within covenants by Plaintiff. Notwithstanding any other provision of this Consent Decree, the United States reserves all rights against the Settling Defendants, the Paul Entities, and the FDOT, and EPA and the federal natural resources trustees reserve, and this Consent Decree is without prejudice to, all rights against the Settling Federal Agencies, with respect to all other matters, including, but not limited to:

- a. claims based on a failure by the Settling Defendants, the Paul Entities, the FDOT or the Settling Federal Agencies to meet a requirement of that party under this Consent Decree;
- b. liability arising from the past, present, or future disposal, release, or threat of release of Waste Material outside of the Site;
- c. liability based upon the Settling Defendants' ownership or operation of the Site, or the FDOT's operation of the Site, or upon the Settling Defendants' or the FDOT's transportation, treatment, storage, or disposal, or the arrangement for the transportation, treatment, storage, or disposal of Waste Material at or in connection with the Site, other than as provided in the ROD, the Work, or otherwise ordered by EPA, after signature of this Consent Decree by the Settling Defendants and the FDOT;
- d. liability for damages for injury to, destruction of, or loss of natural resources, and for the costs of any natural resource damage assessments;
- e. criminal liability;
- f. liability for violations of federal or state law which occur during or after implementation of the Remedial Action; and
- g. Except as to the Settling Federal Agencies, the Paul Entities, and the FDOT, liability, prior to Certification of Completion of the Remedial Action, for additional

response actions that EPA determines are necessary to achieve Performance Standards, but that cannot be required pursuant to Paragraph 14 (Modification of the SOW or Related Work Plans) or sought pursuant to Paragraph 89 (United States' Pre-certification Reservations).

93. Work Takeover In the event EPA determines that the Settling Defendants have ceased implementation of any portion of the Work, are seriously or repeatedly deficient or late in their performance of the Work, or are implementing the Work in a manner which may cause an endangerment to human health or the environment, EPA may assume the performance of all or any portions of the Work as EPA determines necessary. Settling Defendants may invoke the procedures set forth in Section XIX (Dispute Resolution), Paragraph 70, to dispute EPA's determination that takeover of the Work is warranted under this Paragraph. Costs incurred by the United States in performing the Work pursuant to this Paragraph shall be considered Future Response Costs that the Settling Defendants shall pay pursuant to Section XVI (Payment for Response Costs).

94. Notwithstanding any other provision of this Consent Decree, the United States retains all authority and reserves all rights to take any and all response actions authorized by law.

## **XXII. COVENANTS BY SETTling PARTIES**

95. Covenants by Settling Defendants. The Settling Defendants hereby covenant not to sue and agree not to assert any claims or causes of action against the FDOT and/or the Paul Entities with respect to the Site or this Consent Decree. Notwithstanding any provision to the contrary in Paragraph 108, these covenants not to sue shall not apply in the event that the United States brings a cause of action against or issues an order to the Settling Defendants pursuant to the reservations set forth in Paragraphs 89, 90, 92 (b), 92 (c), or 92 (d), and/or requires further response actions under Paragraph 20, but only to the extent that the Settling Defendants' claims arise from the same response action, response costs, or damages that the United States is seeking pursuant to the applicable reservation. By entry into this Consent Decree, FDOT does not waive or relinquish any right, defense or claim of immunity which it has against the Settling Defendants under the Eleventh Amendment of the Constitution of the United States of America.

96. Covenants by FDOT and the Paul Entities. FDOT and the Paul Entities hereby covenant not to sue and agree not to assert any claims or causes of action against Settling Defendants with respect to the Site or this Consent Decree. Notwithstanding any provision to the contrary in Paragraph 108, these covenants not to sue shall not apply in the event that the United States brings a cause of action against or issues an order to FDOT or the Paul Entities, respectively, pursuant to the reservations set forth in Paragraphs 89, 90, 92 (b), 92 (c), and/or 92 (d), but only to the extent that FDOT's or the Paul Entities' claims arise from the same response action, response costs, or damages that the United States is seeking pursuant to the applicable reservation.

97. Covenant Not to Sue by Settling Defendants, the Paul Entities, and FDOT. Subject to the reservations in Paragraph 98, the Settling Defendants, the Paul Entities, and the FDOT hereby covenant not to sue and agree not to assert any claims or causes of action against the United States with respect to the Site or this Consent Decree, including, but not limited to:

a. any direct or indirect claim for reimbursement from the Hazardous Substance Superfund (established pursuant to the Internal Revenue Code, 26 U.S.C. § 9507)

through CERCLA Sections 106(b)(2), 107, 111, 112, 113 or any other provision of law;

b. any claims against the United States, including any department, agency or instrumentality of the United States under CERCLA Sections 107 or 113 related to the Site, or

c. any claims arising out of response actions at or in connection with the Site, including any claim under the United States Constitution, the State of Florida Constitution, the Tucker Act, 28 U.S.C. § 1491, the Equal Access to Justice Act, 28 U.S.C. § 2412, as amended, or at common law.

98. Except as provided in Paragraph 103 (Waiver of Claims Against De Micromis Parties), Paragraph 104 (Waiver of Claims Against *De Minimis* Parties), and Paragraph 111 (waiver of Claim-Splitting Defenses), and notwithstanding any provision to the contrary in Paragraph 108, the covenants not to sue in Paragraph 97 shall not apply in the event that the United States brings a cause of action or issues an order, pursuant to the reservations set forth in Paragraphs 89, 90, 92 (b), 92 (c) or 92 (d), and/or requires further response actions under Paragraph 20, but only to the extent that the Settling Defendants', the Paul Entities', and/or the FDOT's claims arise from the same response action, response costs, or damages that the United States is seeking pursuant to the applicable reservation.

99. Covenant by Settling Federal Agencies. Settling Federal Agencies hereby agree not to assert any direct or indirect claim for reimbursement from the Hazardous Substance Superfund (established pursuant to the Internal Revenue Code, 26 U.S.C. § 9507) through CERCLA Sections 106(b)(2), 107, 111, 112, 113 or any other provision of law with respect to the Site or this Consent Decree. This covenant does not preclude demand for reimbursement from the Superfund of costs incurred by a Settling Federal Agency in the performance of its duties (other than pursuant to this Consent Decree) as lead or support agency under the National Contingency Plan (40 C.F.R. Part 300).

100. Except as provided in Paragraph 103 (Waiver of Claims Against De Micromis Parties), Paragraph 104 (Waiver of Claims Against *De Minimis* Parties), and Paragraph 111 (waiver of Claim-Splitting Defenses), the covenant not to sue in Paragraph 99 shall not apply in the event that EPA or the Federal Natural Resources Trustees assert rights against the Settling Federal Agencies, pursuant to the reservations set forth in Paragraphs 89, 90, 92 (b), 92(c), or 92(d), but only to the extent that the Settling Federal Agencies' claims arise from the same response action, response costs, or damages that EPA or the Federal Natural Resources Trustees are seeking pursuant to the applicable reservation.

101. The Settling Defendants, the Paul Entities, and the FDOT reserve, and this Consent Decree is without prejudice to: (a) claims against the United States, subject to the provisions of Chapter 171 of Title 28 of the United States Code, for money damages for injury or loss of property or personal injury or death caused by the negligent or wrongful act or omission of any employee of the United States while acting within the scope of his office or employment under circumstances where the United States, if a private person, would be liable to the claimant in accordance with the law of the place where the act or omission occurred. However, any such claim shall not include a claim for any damages caused, in whole or in part, by the act or omission of any person, including any contractor, who is not a federal employee as that term is defined in 28 U.S.C. § 2671; nor shall any such claim include a claim based on EPA's selection of response actions, or the oversight or approval of the Settling Defendants' plans or activities.

The foregoing applies only to claims which are brought pursuant to any statute other than CERCLA and for which the waiver of sovereign immunity is found in a statute other than CERCLA; and (b) notwithstanding any provision to the contrary in Paragraph 104, contribution claims against the Settling Federal Agencies in the event any claim is asserted by the United States against the Settling Defendants, the Paul Entities, or FDOT under the authority of or under Paragraphs 89, 90, 92(b), 92(c), or 92(d) of Section XXI (Covenants by Plaintiff), and/or further response actions are required under Paragraph 20, but only to the same extent and for the same matters, transactions, or occurrences as are raised in the claim of the United States against the Settling Defendants, the Paul Entities, or FDOT, respectively.

102. Nothing in this Consent Decree shall be deemed to constitute preauthorization of a claim within the meaning of Section 111 of CERCLA, 42 U.S.C. § 9611, or 40 C.F.R. § 300.700(d).

103. Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT agree not to assert any claims and to waive all claims or causes of action that they may have for all CERCLA matters relating to the Site, including for contribution, against any person where the person's liability to the Settling Defendants, the Paul Entities, the Settling Federal Agencies, and/or the FDOT with respect to the Site is based solely on having arranged for disposal or treatment, or for transport for disposal or treatment, of hazardous substances at the Site, or having accepted for transport for disposal or treatment of hazardous substances at the Site, if:

a. All or part of the disposal, treatment, or transport occurred before April 1, 2001, and the total amount of material containing hazardous substances contributed by such person to the Site was less than 110 gallons of liquid materials or 200 pounds of solid materials.

b. This waiver shall not apply to any claim or cause of action against any person meeting the above criteria if EPA has determined that the materials contributed to the Site by such person contributed or could contribute significantly to the costs of response at the Site. This waiver also shall not apply with respect to any defense, claim, or cause of action that a Settling Defendant, Paul Entity, Settling Federal Agency, or the FDOT may have against any person meeting the above criteria if such person asserts a claim or cause of action relating to the Site against such Settling Defendant, Paul Entity, Settling Federal Agency, or the FDOT. This waiver also shall not apply to any claim or cause of action against any person meeting the above criteria if EPA determines:

(a) that such person has failed to comply with any EPA requests for information or administrative subpoenas issued pursuant to Section 104(e) or 122(e) of CERCLA, 42 U.S.C. §§ 9604(e) or 9622(e), or Section 3007 of RCRA, 42 U.S.C. § 6927, or has impeded or is impeding, through action or inaction, the performance of a response action or natural resource restoration with respect to the Site, or has been convicted of a criminal violation for the conduct to which this waiver would apply and that conviction has not been vitiated on appeal or otherwise; or

(b) that the materials containing hazardous substances contributed to the Site by such person have contributed significantly, or could contribute significantly, either individually or in the aggregate, to the cost of response action or natural resource restoration at the Site.

104. Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT agree not to assert any claims and to waive all claims or causes of action that they may have for all CERCLA matters relating to the Site, including for contribution, against any person that enters into or signs a final CERCLA § 122(g) *de minimis* settlement with EPA with respect to the Site. This waiver shall not apply with respect to any defense, claim, or cause of action that a Settling Defendant, Paul Entity, Settling Federal Agency, or the FDOT may have against any person if such person asserts a claim or cause of action relating to the Site against such Settling Defendant, Paul Entity, Settling Federal Agency, or the FDOT.

105. Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT agree not to assert any claims and agree to waive all claims or causes of action that they may have for contribution against any person that sent more than 10,000 gallons of waste oil to the Site and has not entered into or signed a final CERCLA §§106 and 107(a), 42 U.S.C. §§ 9606 and 9607(a), settlement with EPA with respect to the Site as of the Effective Date. This waiver can be nullified upon the written consent of EPA. This waiver shall not apply with respect to any defense, claim, or cause of action that a Settling Defendant, Paul Entity, Settling Federal Agency, or the FDOT may have against any person if such person asserts a claim or cause of action relating to the Site against such Settling Defendant, Settling Federal Agency, or the FDOT.

106. Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT retain the right to assert any claim and cause of action against the former and current FPR Facility owners or operators with respect to the Site, with the exception of those that are signatories to this consent decree.

### **XXIII. EFFECT OF SETTLEMENT; CONTRIBUTION PROTECTION**

107. Except as provided in Paragraph 103 (Waiver of Claims Against De Micromis Parties) and Paragraph 104 (Waiver of Claims Against *De Minimis* Parties), nothing in this Consent Decree shall be construed to create any rights in, or grant any cause of action to, any person not a Party to this Consent Decree. The preceding sentence shall not be construed to waive or nullify any rights that any person not a signatory to this decree may have under applicable law. Except as provided in Paragraph 103 (Waiver of Claims Against De Micromis Parties), Paragraph 104 (Waiver of Claims Against *De Minimis* Parties), and Paragraph 105, each of the Parties expressly reserves any and all rights (including, but not limited to, any right to contribution), defenses, claims, demands, and causes of action which each Party may have with respect to any matter, transaction, or occurrence relating in any way to the Site against any person not a Party hereto.

108. The Parties agree, and by entering this Consent Decree this Court finds, that the Settling Defendants, the Paul Entities, the Settling Federal Agencies and the FDOT are entitled, as of the Effective Date, to protection from contribution actions or claims as provided by CERCLA Section 113(f)(2), 42 U.S.C. § 9613(f)(2) for "matters addressed" in this Consent Decree. The "matters addressed" in this Consent Decree are all response actions taken or to be taken and all response costs incurred or to be incurred by the United States or any other person, including the City of Fort Lauderdale, Florida, relating to the Site. For the Settling Defendants, the Paul Entities, and the FDOT, the "matters addressed" in this Consent Decree do not include those response costs or response actions as to which the United States has reserved its rights under this Consent Decree (except for claims for failure to comply with this Consent Decree), in

the event that the United States asserts rights against the Settling Defendants or the FDOT, respectively, coming within the scope of such reservations. For the Settling Federal Agencies, the "matters addressed" in this Consent Decree do not include those response costs or response actions as to which the United States has reserved its rights under this Consent Decree (except for claims for failure to comply with this Consent Decree), in the event that EPA and/or the federal natural resources trustees assert rights against the Settling Federal Agencies coming within the scope of such reservations.

109. The Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT agree that with respect to any suit or claim for contribution brought by them for matters related to this Consent Decree they will notify the United States in writing no later than 60 days prior to the initiation of such suit or claim.

110. The Settling Defendants, the Paul Entities, and the FDOT also agree that with respect to any suit or claim for contribution brought against them for matters related to this Consent Decree they will notify in writing the United States within 10 days of service of the complaint on them. In addition, the Settling Defendants, the Paul Entities, and the FDOT shall notify the United States within 10 days of service or receipt of any Motion for Summary Judgment and within 10 days of receipt of any order from a court setting a case for trial.

111. In any subsequent administrative or judicial proceeding initiated by the United States for injunctive relief, recovery of response costs, or other appropriate relief relating to the Site, the Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT shall not assert, and may not maintain, any defense or claim based upon the principles of waiver, res judicata, collateral estoppel, issue preclusion, claim-splitting, or other defenses based upon any contention that the claims raised by the United States in the subsequent proceeding were or should have been brought in the instant case; provided, however, that nothing in this Paragraph affects the enforceability of the covenants not to sue set forth in Section XXI (Covenants by Plaintiff).

#### **XXIV. ACCESS TO INFORMATION**

112. Settling Defendants shall provide to EPA and the State, upon request, copies of all documents and information within their possession or control or that of their contractors or agents relating to activities at the Site or to the implementation of this Consent Decree, including, but not limited to, sampling, analysis, chain of custody records, manifests, trucking logs, receipts, reports, sample traffic routing, correspondence, or other documents or information related to the Work. Settling Defendants shall also make available to EPA and the State, for purposes of investigation, information gathering, or testimony, their employees, agents, or representatives with knowledge of relevant facts concerning the performance of the Work.

##### **113. Business Confidential and Privileged Documents.**

a. Settling Defendants may assert business confidentiality claims covering part or all of the documents or information submitted to Plaintiff under this Consent Decree to the extent permitted by and in accordance with Section 104(e)(7) of CERCLA, 42 U.S.C. § 9604(e)(7), and 40 C.F.R. § 2.203(b). Documents or information determined to be confidential by EPA will be afforded the protection specified in 40 C.F.R. Part 2, Subpart B. If no claim of confidentiality accompanies documents or information when they are submitted to EPA and the



State, or if EPA has notified the Settling Defendants that the documents or information are not confidential under the standards of Section 104(e)(7) of CERCLA or 40 C.F.R. Part 2, Subpart B, the public may be given access to such documents or information without further notice to the Settling Defendants.

b. The Settling Defendants may assert that certain documents, records and other information are privileged under the attorney-client privilege or any other privilege recognized by federal law. If the Settling Defendants assert such a privilege in lieu of providing documents, they shall provide the Plaintiff with the following: (1) the title of the document, record, or information; (2) the date of the document, record, or information; (3) the name and title of the author of the document, record, or information; (4) the name and title of each addressee and recipient; (5) a description of the contents of the document, record, or information; and (6) the privilege asserted by the Settling Defendants. However, no documents, reports or other information created or generated pursuant to the requirements of the Consent Decree shall be withheld on the grounds that they are privileged.

114. No claim of confidentiality shall be made with respect to any data, including, but not limited to, all sampling, analytical, monitoring, hydrogeologic, scientific, chemical, or engineering data, or any other documents or information evidencing conditions at or around the Site.

## **XXV. RETENTION OF RECORDS**

115. Until 7 years after the Settling Defendants' receipt of EPA's notification pursuant to Paragraph 51(b) of Section XIV (Certification of Completion of the Work), each Settling Defendant and Paul Entity shall preserve and retain all non-identical copies of records and documents (including records or documents in electronic form) now in its possession or control or which come into its possession or control that relate in any manner to its liability under CERCLA with respect to the Site, provided, however, that Settling Defendants who are potentially liable as owners or operators of the Site and the Paul Entities must retain, in addition, all documents and records that relate to the liability of any other person under CERCLA with respect to the Site. Each Settling Defendant must also retain, and instruct its contractors and agents to preserve, for the same period of time specified above all non-identical copies of the last draft or final version of any documents or records (including documents or records in electronic form) now in its possession or control or which come into its possession or control that relate in any manner to the performance of the Work, provided, however, that each Settling Defendant (and its contractors and agents) must retain, in addition, copies of all data generated during the performance of the Work and not contained in the aforementioned documents required to be retained. Each of the above record retention requirements shall apply regardless of any corporate retention policy to the contrary.

116. At the conclusion of this document retention period, the Settling Defendants and the Paul Entities shall notify the United States and the State at least 90 days prior to the destruction of any such records or documents, and, upon request by the United States or the State, the Settling Defendants and the Paul Entities shall deliver any such records or documents to EPA or the State. The Settling Defendants and the Paul Entities may assert that certain documents, records and other information are privileged under the attorney-client privilege or any other privilege recognized by federal law. If the Settling Defendants or Paul Entities assert

such a privilege, they shall provide the Plaintiffs with the following: (1) the title of the document, record, or information; (2) the date of the document, record, or information; (3) the name and title of the author of the document, record, or information; (4) the name and title of each addressee and recipient; (5) a description of the subject of the document, record, or information; and (6) the privilege asserted by the Settling Defendants or Paul Entities. However, no documents, reports or other information created or generated pursuant to the requirements of the Consent Decree shall be withheld on the grounds that they are privileged.

117. Each Settling Defendant, Paul Entity, and the FDOT hereby certifies individually that, to the best of its knowledge and belief, after thorough inquiry, it has not altered, mutilated, discarded, destroyed or otherwise disposed of any records, documents or other information (other than identical copies) relating to its potential liability regarding the Site since notification of potential liability by the United States or the State or the filing of suit against it regarding the Site and that it has fully complied with any and all EPA requests for information pursuant to Section 104(e) and 122(e) of CERCLA, 42 U.S.C. 9604(e) and 9622(e), and Section 3007 of RCRA, 42 U.S.C. 6927.

118. The United States acknowledges that each Settling Federal Agency (1) is subject to all applicable Federal record retention laws, regulations, and policies; and (2) has certified that it has fully complied with any and all EPA requests for information pursuant to Section 104(e) and 122(e) of CERCLA, 42 U.S.C. 9604(e) and 9622(e), and Section 3007 of RCRA, 42 U.S.C. 6927.

#### **XXVI. NOTICES AND SUBMISSIONS**

119. Whenever, under the terms of this Consent Decree, written notice is required to be given or a report or other document is required to be sent by one Party to another, it shall be directed to the individuals at the addresses specified below, unless those individuals or their successors give notice of a change to the other Parties in writing. All notices and submissions shall be considered effective upon receipt, unless otherwise provided. Written notice as specified herein shall constitute complete satisfaction of any written notice requirement of the Consent Decree with respect to the United States, EPA, the Settling Defendants, the Paul Entities, and the FDOT, respectively.

##### **As to the United States:**

##### **As to U.S. DOJ:**

Bruce Gelber  
Chief, Environmental Enforcement Section  
Environment and Natural Resources Division  
U.S. Department of Justice  
P.O. Box 7611  
Washington, D.C. 20044-7611  
Re: DJ # 90-11-2-1069

##### **As to EPA:**

Winston A. Smith, Director  
Waste Management Division  
U.S. Environmental Protection Agency  
Region 4

Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303

Brad Jackson  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 4  
Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303  
Phone: (404) 562-8925, Fax: (404) 562-8896

As to Regional Financial Management Officer: Paula V. Batchelor  
U.S. Environmental Protection Agency  
Region 4  
Superfund Enforcement and Information Management Branch  
Waste Management Division  
Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303

As to the State of Florida: Aaron Cohen, State Project Coordinator  
Florida Department of Environmental Protection  
Hazardous Waste Cleanup Section  
2600 Blairstone Road, Room 368D  
Tallahassee, FL 32399-2400

As to the Settling Defendants: Matthew P. Coglianese, Esq.  
Bilzin Sumberg Baena Price & Axelrod  
200 South Biscayne Boulevard, Suite 2500  
Miami FL 33131  
Phone: (305) 350-2404, Fax: (305) 351-2284

Don Miller  
Golder Associates, Inc.  
Settling Defendants' Project Coordinator  
8933 Western Way, Suite 12  
Jacksonville, FL 32256  
Phone: (904) 363-3430; Fax: (904) 363-3445

As to the Florida Department of Transportation: Roger B. Wood, Esq.  
Office of the General Counsel  
Florida Department of Transportation

605 Suwannee Street, M.S. 58  
Tallahassee, FL 32399-0458  
Phone: (850) 414-5385, Fax: (850) 414-5264

Paul A. Lampley, P.E.  
District Project Development Engineer  
Office of Planning and Environmental  
Management - District 4  
3400 West Commercial Blvd.  
Ft. Lauderdale, FL 33309  
Phone: (954) 777-4345; Fax: (954) 777-4310

As to the Paul Entities:

R.L. Caleen, Jr.  
1725 Mahan Drive, Suite 201  
Post Office Box 15828  
Tallahassee, FL 32317-5828

**XXVII. EFFECTIVE DATE**

120. The effective date of this Consent Decree shall be the date upon which this Consent Decree is entered by the Court, except as otherwise provided herein.

**XXVIII. RETENTION OF JURISDICTION**

121. This Court retains jurisdiction over both the subject matter of this Consent Decree and the Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT for the duration of the performance of the terms and provisions of this Consent Decree for the purpose of enabling any of the Parties to apply to the Court at any time for such further order, direction, and relief as may be necessary or appropriate for the construction or modification of this Consent Decree, or to effectuate or enforce compliance with its terms, or to resolve disputes in accordance with Section XIX (Dispute Resolution) hereof.

**XXIX. APPENDICES**

122. The following appendices are attached to and incorporated into this Consent Decree:

- "Appendix A" is the ROD.
- "Appendix B" is the SOW.
- "Appendix C" is a map of the Site.
- "Appendix D" is the complete list of the Settling Defendants.
- "Appendix E" is the complete list of the Settling Federal Agencies
- "Appendix F" is the ESD.

**XXX. COMMUNITY RELATIONS**

123. Settling Defendants shall propose to EPA and the State their participation in the community relations plan to be developed by EPA. EPA will determine the appropriate role for the Settling Defendants under the Plan. Settling Defendants shall also cooperate with EPA and the State in providing information regarding the Work to the public. As requested by EPA, the Settling Defendants shall participate in the preparation of such information for dissemination to the public and in public meetings which may be held or sponsored by EPA or the State to explain activities at or relating to the Site.

**XXXI. MODIFICATION**

124. Schedules specified in this Consent Decree for completion of the Work may be modified by agreement of EPA and the Settling Defendants. All such modifications shall be made in writing.

125. Except as provided in Paragraph 14 (Modification of the SOW or Related Work Plans), no material modifications shall be made to the SOW without written notification to and written approval of the United States, the Settling Defendants, and the Court, if such modifications fundamentally alter the basic features of the selected remedy within the meaning of 40 C.F.R. 300.435(c)(2)(B)(ii). Prior to providing its approval to any modification, the United States will provide the State with a reasonable opportunity to review and comment on the proposed modification. Modifications to the SOW that do not materially alter that document, or material modifications to the SOW that do not fundamentally alter the basic features of the selected remedy within the meaning of 40 C.F.R.300.435(c)(2)(B)(ii), may be made by written agreement between EPA, after providing the State with a reasonable opportunity to review and comment on the proposed modification, and the Settling Defendants.

126. Nothing in this Decree shall be deemed to alter the Court's power to enforce, supervise or approve modifications to this Consent Decree.

**XXXII. LODGING AND OPPORTUNITY FOR PUBLIC COMMENT**

127. This Consent Decree shall be lodged with the Court for a period of not less than thirty (30) days for public notice and comment in accordance with Section 122(d)(2) of CERCLA, 42 U.S.C. § 9622(d)(2), and 28 C.F.R. § 50.7. The United States reserves the right to withdraw or withhold its consent if the comments regarding the Consent Decree disclose facts or considerations which indicate that the Consent Decree is inappropriate, improper, or inadequate. Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT consent to the entry of this Consent Decree without further notice.

128. If for any reason the Court should decline to approve this Consent Decree in the form presented, this agreement is voidable at the sole discretion of any Party and the terms of the agreement may not be used as evidence in any litigation between the Parties.

**XXXIII. SIGNATORIES/SERVICE**

129. Each undersigned representative of a Settling Defendant, the Paul Entities, and the FDOT to this Consent Decree and the Assistant Attorney General for the Environment and Natural Resources Division of the Department of Justice certifies that he or she is fully authorized to enter into the terms and conditions of this Consent Decree and to execute and legally bind such Party to this document.

130. Each Settling Defendant, Paul Entity, Settling Federal Agency, and the FDOT hereby agrees not to oppose entry of this Consent Decree by this Court or to challenge any provision of this Consent Decree unless the United States has notified the Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT in writing that it no longer supports entry of the Consent Decree.

131. Each Settling Defendant, Paul Entity, and the FDOT shall identify, on the attached signature page, the name, address and telephone number of an agent who is authorized to accept service of process by mail on behalf of that Party with respect to all matters arising under or relating to this Consent Decree. Settling Defendants, the Paul Entities, and the FDOT hereby agree to accept service in that manner and to waive the formal service requirements set forth in Rule 4 of the Federal Rules of Civil Procedure and any applicable local rules of this Court, including, but not limited to, service of a summons. The parties agree that the Settling Defendants, the Paul Entities, and the FDOT need not file an answer to the complaint in this action unless or until the Court expressly declines to enter this Consent Decree.

**XXXIV. FINAL JUDGMENT**

132. This Consent Decree and its appendices constitute the final, complete, and exclusive agreement and understanding among the parties with respect to the settlement embodied in the Consent Decree. The parties acknowledge that there are no representations, agreements or understandings relating to the settlement other than those expressly contained in this Consent Decree.

133. Upon approval and entry of this Consent Decree by the Court, this Consent Decree shall constitute a final judgment between and among the United States and the Settling Defendants, the Paul Entities, the Settling Federal Agencies, and the FDOT. The Court finds that there is no just reason for delay and therefore enters this judgment as a final judgment under Fed. R. Civ. P. 54 and 58.

SO ORDERED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2005.

**COPY**

\_\_\_\_\_  
United States District Judge

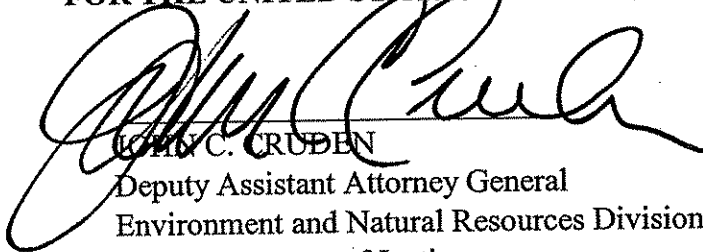
THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

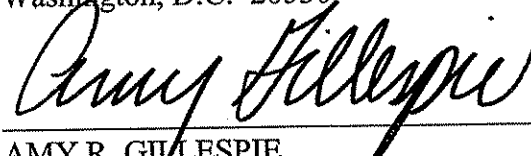
FOR THE UNITED STATES OF AMERICA

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Date

7.28.05

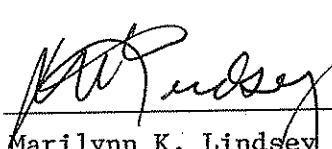
\_\_\_\_\_  
Date

  
JOHN C. CRUDEN  
Deputy Assistant Attorney General  
Environment and Natural Resources Division  
U.S. Department of Justice  
Washington, D.C. 20530

  
AMY R. GILLESPIE  
Trial Attorney  
Environmental Enforcement Section  
Environment and Natural Resources Division  
U.S. Department of Justice  
P.O. Box 7611  
Washington, D.C. 20044-7611

R. ALEXANDER ACOSTA  
Interim United States Attorney  
Southern District of Florida

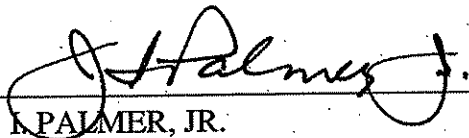
  
Date

  
Marilynn K. Lindsey  
Assistant United States Attorney  
Southern District of Florida  
Office of the United States Attorney  
500 East Broward Blvd., Seventh Floor  
Fort Lauderdale, FL 33394

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

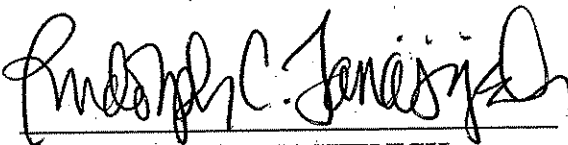
SEP 30 2004

Date

  
J. I. PALMER, JR.  
Regional Administrator  
U.S. Environmental Protection Agency,  
Region 4  
Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303

SEP 30 2004

Date

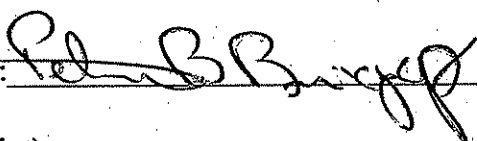
  
RUDOLPH C. TANASJEVICH  
Associate Regional Counsel  
U.S. Environmental Protection Agency,  
Region 4  
Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303



THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR United States Sugar Corporation

May 17, 2005  
Date

Signature: 

Name (print): Peter B. Briggs

Title: Vice President, Environmental Compliance & Programs

Address: 111 Ponce De Leon Ave  
Clewiston, FL 33440  
\_\_\_\_\_  
\_\_\_\_\_

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): MARTIN COGLIANESE

Title: COUNSEL TO FPL GROUP

Address: BILZIN SUMBELG et al  
200 S. BISCAYNE BLVD  
SUITE 2500  
MIAMI, FL 33131

Ph. Number: (305) 350-2404

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Becker Groves

10/14/04  
Date

Signature: Jay Dugger

Name (print): Jay Dugger

Title: Business Facilitator

Address: 2627 South Jenkins Road  
Ft. Pierce, FL 34981

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Mr. Tom Husley

Title: \_\_\_\_\_

Address: \_\_\_\_\_

2727 South Jenkins Rd.  
Port Pierce, FL 34981

Ph. Number: (772) 595-3100

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

10/14/04  
Date

FOR BENGAL motor Company, LTD.  
By: BENGAL motors, INC.

Signature: [Signature]

Name (print): Jonathan P. Ferrando

Title: Assistant Secretary

Address: 5925 NW 167th Street  
Miami, FL 33015

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Kenneth B. Rollin

Title: Vice President, Associate General Counsel  
For Automation, Inc. ultimate parent corp

Address: 110 SE 6th Street OF Party  
20th Floor  
Fort Lauderdale, FL 33301

Ph. Number: (954) 769-6000

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Bill Branch Chevrolet, Inc.

10-1-2004

Date

Signature: 

Name (print): Susan E. Trench

Title: Counsel for Bill Branch

Address: Goldstein, Tanen & Trench, P.A.  
One Biscayne Tower, Suite 3700  
Two South Biscayne Boulevard  
Miami, Florida 33131

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): same as above

Title: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

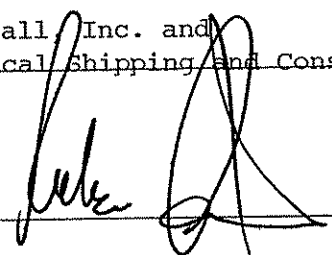
Ph. Number: \_\_\_\_\_

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

7-18-05

Date

Birdsall, Inc. and  
FOR Tropical Shipping and Construction Co., Ltd.

Signature: 

Name (print): Ruben Spinrad

Title: Corporate Counsel and Assistant Secretary

Address: 4 East Port Road

Riviera Beach, FL 33404

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): James R. Brindell

Title: Attorney, Gunster, Yoakley & Stewart, P.A.

Address: Phillips Point, Suite 500 East

777 S. Flagler Drive

West Palm Beach, FL 33401

Ph. Number: (561) 655-1980


JUL 22 2005

53

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Bradford Marine, Inc.

9/22/04  
Date

Signature: Name (print): Michael LennonTitle: Vice President - CFOAddress: 3051 State Road 84  
Ft. Lauderdale, FL 33312


Agent Authorized to Accept Service on Behalf of Above-signed Party:

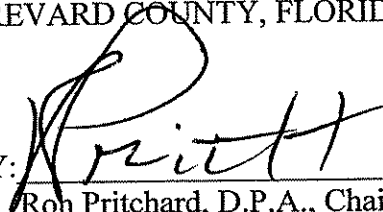
Name (print): Scott Mitchell, Esq.Title: AttorneyAddress: Gunter Yeakley et al  
2 South Biscayne Blvd  
#3400  
Miami, FL 33131Ph. Number: (305) 376-6000

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et.al., relating to the Florida Petroleum Reprocessors Superfund Site.

ATTEST:

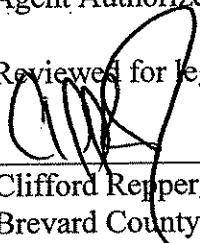
BOARD OF COUNTY COMMISSIONERS  
BREVARD COUNTY, FLORIDA

BY:   
\_\_\_\_\_  
Scott Ellis, Clerk

BY:   
\_\_\_\_\_  
Ron Pritchard, D.P.A., Chairman  
As approved by the Board on 12-14-04

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Reviewed for legal form and content by:

  
\_\_\_\_\_  
Clifford Repperger, Assistant County Attorney  
Brevard County Attorney's Office  
2725 Judge Fran Jamieson Way, Building C  
Viera, Florida 32940  
(321) 633-2090

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

9/7/04  
Date

FOR Bridgestone/Firestone North American Tire, LLC

Signature: Jane M. Johnson

Name (print): Jane Johnson

Title: Manager of Site Remediation

Address: 535 Marriott Drive

Nashville, TN 37214

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): National Registered Agents, Inc.

Title: \_\_\_\_\_

Address: 1900 Church Street, Suite 400

Nashville, TN 37203

Ph. Number: \_\_\_\_\_



THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Capeletti Brothers, Inc.

Signature: [Signature]

\_\_\_\_\_  
Date

Name (print): Dotti Capeletti Mendon

Title: Vice President

Address: 16401 W.W. 58 Ave.  
Mount Lakes, FL 33014  
\_\_\_\_\_  
\_\_\_\_\_

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Howard Nelson, Esq.

Title: Counsel

Address: Bilzin Sumberg Baena Price & Axelrod, LLP  
200 South Biscayne Boulevard, Suite 2500  
Miami, FL 33131  
\_\_\_\_\_  
\_\_\_\_\_

Ph. Number: (305) 374-7580

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

Chevron Environmental Management Company  
for itself and on behalf of Texaco Inc.,  
FOR Chevron U.S.A. Inc., and Star Enterprise

9/22/04

Date

Signature: [Signature]

Name (print): Gordon A. Turl

Title: Business Unit Manager

Address: Chevron Texaco Park Building K  
6001 Bellinger Canyon Road  
San Ramon, CA 94583

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Corporation Service Company

Title: \_\_\_\_\_

Address: 1201 Hays Street  
Tallahassee, FL 32301

Ph. Number: 1-800-222-2122

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

BY: Clean Harbors Environmental Services, Inc.  
on behalf of and as Indemnitor,

FOR Safety-Kleen Consulting, Inc.  
f/k/a Virogroup, Inc.

September 22, 2004  
Date

Signature: Raeferd Craig Lackey, Esq.

Name (print): Raeferd Craig Lackey, Esq.

Title: Vice President & Chief Counsel

Address: 200 Arbor Lake Drive, Suite 300  
Columbia, SC 29223

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Raeferd Craig Lackey, Esq.

Title: Vice President & Chief Counsel

Address: Clean Harbors Environmental Services, Inc  
Law Department  
200 Arbor Lake Drive, Suite 300  
Columbia, SC 29223

Ph. Number: (803) 691-3400

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR CLIFF BERRY, INC.

09/21/04  
Date

Signature: *Cliff Berry, II* for CBI

Name (print): Cliff Berry, II

Title: President

Address: 851 Eller Drive  
Fort Lauderdale, FL 33316

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): John T. David, Esquire

Title: Attorney

Address: 408 South Andrews Avenue  
Suite 202  
Fort Lauderdale, FL 33301

Ph. Number: (954) 523-1755

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR EVANS PROPERTIES, INC

9/16/04  
Date

Signature: Ronald L Edwards

Name (print): RONALD L EDWARDS

Title: PRESIDENT & CEO

Address: 660 BEACHLAND BLVD, SUITE  
VERO BEACH, FL 32963

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): JAMES E. EVANS, JR.

Title: CHAIRMAN

Address: 660 BEACHLAND BLVD.  
SUITE 301  
VERO BEACH, FL 32963

Ph. Number: 772-234-2410 EXT 217

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Exxon Mobil Corporation

9/20/04  
Date

Signature: ZKML

Name (print): Zane K. Bolon

Title: Area Manager, Superfund

Address: 16825 Northchase Dr.  
CORP-6P2-922  
Houston, TX 77060

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Earl F. Moran

Title: Superfund Project Manager  
Exxon Mobil Corporation

Address: 1555 Poydras St  
Rm #1487  
New Orleans, LA 70112

Ph. Number: 504.561.4411

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR FREIGHTLINER TRUCKS OF SOUTH FLORIDA

9/29/2004  
Date

Signature: [Signature]  
Name (print): William D. Murray  
Title: VP, TREASURER

Address: 2840 CENTER PORT CIRCLE  
POMPANO BEACH, FLORIDA  
33064

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): TIMOTHY N. TROTMAN  
Title: Regional Manager  
Address: Freightliner Trucks of South Florida  
2840 CENTER PORT CIRCLE  
POMPANO BEACH, FL 33064  
Ph. Number: (954) 545-1000

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al, relating to the Florida Petroleum Reprocessors Superfund Site.

**THE GOODYEAR TIRE & RUBBER COMPANY**

By: Donald E. Stanley  
Donald E Stanley, Vice President

Attest: B Bell  
B Bell, Assistant Secretary

Date: September 20, 2004

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Winfred T Colbert, Attorney  
The Goodyear Tire & Rubber Company  
1144 East Market Street, D822  
Akron, OH 44316-0001

Telephone: 330-796-3737  
Facsimile: 330-796-8836



THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR HARBOR BRANCH OCEANOGRAPHIC INSTITUTION, INC.

2/9/05  
Date

Signature: \_\_\_\_\_

Name (print): \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

*Fay Walters*

Fay Walters

Controller

5600 U.S. 1 North

Ft. Pierce, FL 34946

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

WILLIAM J. STEWART, ESQ.

STEWART YEOMAS, PA

3355 Ocean Drive

4481 Brent, FL 32863

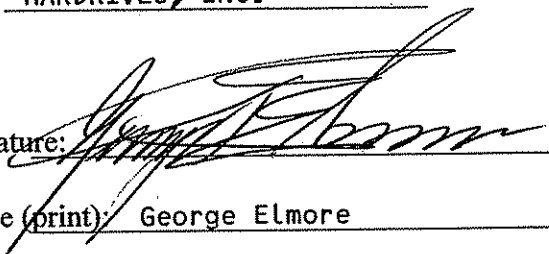
Ph. Number: \_\_\_\_\_

(772) 231-3500

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

Sep 20, 2007  
Date

FOR HARDRIVES, INC.

Signature: 

Name (print): George Elmore

Title: President

Address: 2101  
2350 South Congress Avenue  
Delray Beach, FL 33445

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Alfred J. Malefatto

Title: Attorney-at-law

Address: Greenberg Traurig, P.A.  
777 South Flagler Drive  
Suite 300 East  
West Palm Beach, FL 33401

Ph. Number: 561-650-7908

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U. S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Hollywood Lincoln Mercury, Inc.

10/07/04  
Date

Signature: K Mullin  
Name (print): Kathy Andreola Mullin  
Title: Assistant Secretary  
Address: 1700 Sheridan Street  
Hollywood, FL 33020

Agent Authorized to Accept Service on Behalf of Above-signed Party:

11/23/04  
Date

Signature: James M. Porter  
Name (print): JAMES M. PORTER  
Title: \_\_\_\_\_  
Address: JAMES M. PORTER, P.A.  
2920 SUNTRUST  
1 SE 3d AVE.  
MIAMI FL 33131  
Ph. Number: 786 425-2299

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR City of Homestead

9/17/04

Date

Signature: Curtis K. Ivy, Jr.

Name (print): CURTIS K. IVY, JR.

Title: CITY MANAGER

Address: 790 N. Homestead Blvd.  
Homestead, Florida 33030

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): JAMES M. PORTER

Title: \_\_\_\_\_

Address: 2920 SunTrust International  
Center  
1 SE 3d Ave  
MIAMI FL 33131

Ph. Number: 786 425-2299

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Hydro Aluminum Rockledge, LLC

9/20/04

Date

Signature: Dennis J. Herron

Name (print): Dennis J. Herron

Title: President

Address: 100 Gus Hipp Blvd.

Rockledge, FL 32955

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): CORPORATION SERVICE CO.

Title: \_\_\_\_\_

Address: 1201 HAYS ST.  
TALLAHASSEE, FL 32301-2525

ATTN: GLANSAUTH


Ph. Number: 1-800-222-2122

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Powell Motors

10/15/04

Date

Signature: 

Name (print): John F. Lavern

Title: Auth. Agent

Address: 2612 Alameda Ct  
Fort Lauderdale, FL  
33301

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Scott Mitchell

Title: Gunter Yoakley

Address: 2 S. Biscayne Blvd  
#3400  
Miami, FL 33131

Ph. Number: 305 376 6000

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR J.W. Cheatham Inc.

10/18/04

Date

Signature: Thomas P. Uhrig

Name (print): Thomas P. Uhrig

Title: Vice President

Address: 7396 Westport Place  
West Palm Beach, FL  
33413

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): John W. Cheatham Inc

Title: President

Address: J.W. Cheatham Inc  
7396 Westport Place  
WPB, FL 33413

Ph. Number: 561-471-4100

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation. et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR: Kirchman Oil Corporation

9-22-04  
Date

Signature: 

Name (print): Tim Kirchman

Title: Sec/TRES

Address: P.O. Box 1625  
BELLE GLADE, FL 33430

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name: J. Kendrick Tucker, Esq.  
Title: Attorney  
Address: Huey, Guilday, Tucker, Schwartz &  
Williams, P.A.  
Post Office Box 12500  
Tallahassee, Florida 32317-2500  
Ph. Number: 850-224-7091




THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR L.P. Evans Motors WPB, Inc.

10/14/04

Date

Signature: 

Name (print): Jonathan P. Ferrando

Title: Assistant Secretary

Address: 444 NW 165th Street  
Miami, FL 33169

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Kenneth B. Rollin

Title: Vice President, Associate General Counsel  
of Automation, Inc., affiliate parent company

Address: 110 SE 6th Street  
20th Floor  
 Ft. Lauderdale, FL 33301

Ph. Number: (954) 769-6000

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Merrill-Stevens Dry Dock Co.

Signature: 

\_\_\_\_\_  
Date

Name (print): Frederick W. Kirtland

Title: CEO

Address: 1270 N.W. 11<sup>th</sup> Street  
Miami, FL 33125  
\_\_\_\_\_  
\_\_\_\_\_

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Kerr Baugh, Esq.

Title: Attorney

Address: Grenney Truitt et al  
1221 Brickell Ave.  
Miami, FL 33131  
\_\_\_\_\_  
\_\_\_\_\_

Ph. Number: (305) 579-0772

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Miami Dade College

3/30/05

Date

Signature: [Signature]

Name (print): Dave Ruiz

Title: Director of Risk Management

Address: 11011 SW 104th St. Room 7317  
Miami FL 33176

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Helen Aguirre Ferre

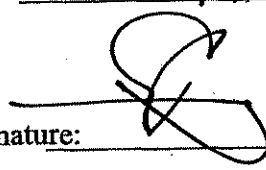
Title: Board Chairperson

Address: 2900 NW 39th Street  
Miami Florida 33142

Ph. Number: (305) 633-3341 ext. 202

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Miami-Dade County

Signature: 

Date \_\_\_\_\_

Name (print): GEORGE M. BURGESS

Title: for COUNTY MANAGER

Address: 111 NW 1<sup>ST</sup> ST., Suite 2910  
MIAMI, FL 33128

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): ROBERT A. DUNN

Title: ASST. COUNTY ATTORNEY

Address: STEPHEN P. CLARK BLDG.  
111 NW 1<sup>st</sup>, Suite 2810  
MIAMI, FL. 33128

Ph. Number: (305) 375-1311

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR

*Markus Paul*  
*Markus Paul*

9/22/04

Date

Signature:

*Tommy Murphy*

Name (print):

*Tommy Murphy*

Title:

*SR VP Finance*

Address:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): *NATIONAL CORPORATE RESEARCH LTD*

Title:

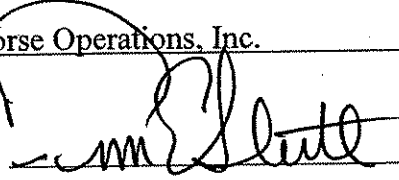
Address: *1406 HAYS ST., SUITE 2*  
*TALLAHASSEE, FL 32301*

Ph. Number:

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

6/17/05  
Date

FOR Morse Operations, Inc.

Signature: 

Name (print): Tim E. Sleeth

Title: Attorney In Fact

Address: 1800 Wachovia Bank Tower  
225 Water Street  
Jacksonville, FL 32202

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Les Stracher

Title: Attorney In Fact

Address: 300 Las Olas Place, Suite 860  
300 S.E. 2<sup>nd</sup> Street  
Fort Lauderdale, FL 33301

Ph. Number: (954) 522-3456, ext. 140

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

Date: 9/15/04

For: New Hope Sugar Company

Signature: 

Name: William F. Tarr

Title: Vice President

Address: One North Clematis Street

Suite 200

West Palm Beach, Florida 33401

Phone: 561-366-5157

Agent Authorized to Accept Service on Behalf of Above-Signed Party:

Name: William F. Tarr

Title: Vice President

Address: Post Office Box 3435

West Palm Beach, Florida 33402

Phone: 561-366-5157

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

Date: 9/15/04

For: Okeelanta Corporation

Signature: 

Name: William F. Tarr

Title: Vice President

Address: One North Clematis Street

Suite 200

West Palm Beach, Florida 33401

Phone: 561-366-5157

Agent Authorized to Accept Service on Behalf of Above-Signed Party:

Name: William F. Tarr

Title: Vice President

Address: Post Office Box 3435

West Palm Beach, Florida 33402

Phone: 561-366-5157



THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

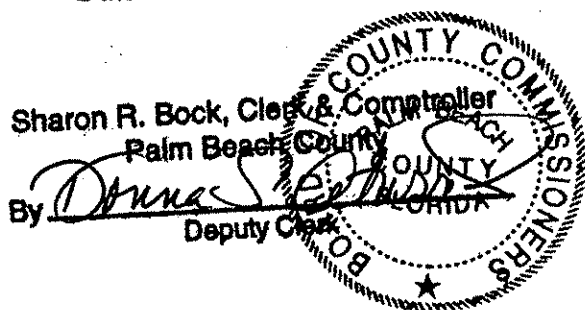
**R2005-0610**

**APR 05 2005**

FOR PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

**APR 05 2005**

Date



Sharon R. Bock, Clerk & Comptroller  
Palm Beach County

By Donna S. Bock  
Deputy Clerk

Signature: *Tony Masilotti*

Name (print): Tony Masilotti

Title: Chairman

Address: 301 N. Olive Avenue  
12th Floor  
West Palm Beach, FL 33401

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Anne Helfant

Title: Assistant County Attorney

Address: 301 N. Olive Avenue  
Suite 601  
West Palm Beach, FL 33401

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY

Anne Helfant  
COUNTY ATTORNEY

Ph. Number: (561) 355-2249

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

9/20/04  
Date

FOR Cleveland Pneumatic Company /  
Pneumo Abex Corporation

Signature: Steven Fasman

Name (print): Steven Fasman

Title: Attorney-in-fact

Address: 35 E. 62<sup>nd</sup> St.  
New York, NY 10021

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Same

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Ph. Number: \_\_\_\_\_

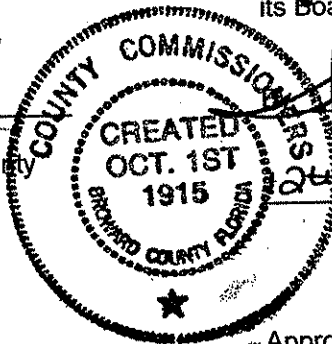
THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

COUNTY

ATTEST:

BROWARD COUNTY, by and through  
its Board of County Commissioners

R. [Signature]  
Broward County Administrator, as  
Ex-officio Clerk of the Broward County  
Board of County Commissioners



Glenn Lieberman  
Glenn Lieberman, Mayor

day of October, 2008

Witnesses:

Maryanne Darby

**MARY ANNE DARBY**

(Print Name)

David Crankshaw

**DAVID CRANKSHAW**

(Print Name)

Approved as to form by  
Office of County Attorney  
Broward County, Florida  
EDWARD A. DION, County Attorney  
Port Everglades Dept. of Broward County  
1850 Eller Drive, Suite 502  
Fort Lauderdale, Florida 33316  
Telephone: (954) 523-3404  
Telecopier: (954) 523-2613

By

[Signature]  
Melissa P. Anderson  
Assistant County Attorney

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Rybach Boat Company, LLC  
(FLA Spencer Boat Yard)

Sept 21, 2001  
Date

Signature: [Signature] EJP

Name (print): William E. Yeargin

Title: Executive Vice President

Address: 4200 N Flagler Dr  
WPA, FL 33407

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Scott Mitchell, Esq

Title: Attorney

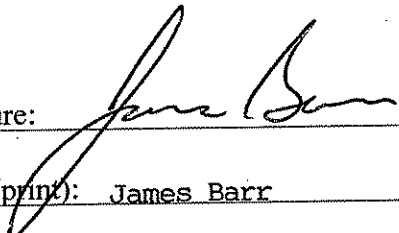
Address: Gunter Yeakley et al  
2 S. BISCAYNE BLVD.  
# 3400  
MIAMI, FL 33131

Ph. Number: (305) 376-6000

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

Defendant: Ryder Truck Rental, Inc.  
FOR (U.S. Sugar Corporation, et al)

9/21/04  
Date

Signature: 

Name (print): James Barr

Title: Group Director Environmental Services

Address: 3600 N.W. 82nd Avenue  
Miami, Florida 33166

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Sanford J. Hodes

Title: Associate General Counsel

Address: Ryder Truck Rental, Inc.  
3600 N.W. 82nd Avenue  
Miami, Florida 33166

Ph. Number: 305-500-4429

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR SBG Farms, Inc.

7/12/05  
Date

Signature: Robert H. Buker, Jr.

Name (print): Robert H. Buker, Jr.

Title: President

Address: 111 Ponce de Leon Avenue  
Clewiston, FL 33440

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): \_\_\_\_\_

Title: \_\_\_\_\_


Address: \_\_\_\_\_

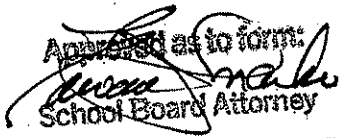
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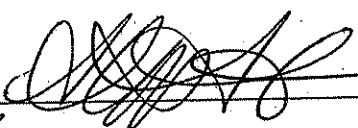
THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR The School Board of  
Broward County, Florida

10/19/04  
Date

  
Franklin L. Till, Jr.,  
Superintendent of Schools

Approved as to form:  
  
School Board Attorney

Signature: 

For

Name (print): Carole L. Andrews

Title: Chair

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Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): Jeffrey S. Moquin

Title: Director

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7770 West Oakland Park Blvd.  
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Ph. Number: 954-765-8864

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR <sup>and</sup> Sears, Roebuck & Co.

9/30/04  
Date

Signature: 

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Name (print): Ron H. Noble

Title: Attorney

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Tampa, FL 33601

Ph. Number: (813) 228-7411



THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

SEPT. 27, 2004

Date

FOR Shell Oil Co

Signature:

Name (print):

Title:

Address:

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print):

Title:

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G. E. LANDVETH

Remediation Mgr.

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HOUSTON, TX.

THOMAS KEARNS

Senior Counsel

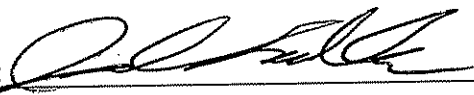
One Shell Plaza #486  
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HOUSTON TX  
77002

(713) 241-5633

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation. et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR: Southeast Interstate Services, Inc.

9/21/04  
Date

Signature: 

Name (print): James E Medlock

Title: CEO

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32966

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name:

J. Kendrick Tucker, Esq.

Title:

Attorney

Address:

Huey, Guilday, Tucker, Schwartz &  
Williams, P.A.

Post Office Box 12500

Tallahassee, Florida 32317-2500

Ph. Number:

850-224-7091

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR SUNRISE FORD Co

Signature: Mike Wetzel

Name (print): MIKE WETZEL

5/12/05  
Date

Title: VP/EM

Address: PO Box 12699  
FT PIERCE FL 34979

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): STEPHEN TIERNEY

Title: ATTORNEY

Address: NEILL, GRIFFIN et.al  
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THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Sysco South Florida

9.29.04

Date

Signature: Thomas Crytzer

Name (print): Thomas Crytzer

Title: Vice President / CFO

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Name (print): General Counsel

Title: Sysco Corporation

Address: 1380 Endave Parkway  
Hawthorn, TX 77077-2009


Ph. Number: \_\_\_\_\_

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR TARMAC AMERICA LLC, SUCCESSOR BY  
MERGER TO TARMAC FLORIDA, INC.

JANUARY 24, 2005

Date

Signature: 

Name (print): RUSSELL A. FINK

Title: VICE PRESIDENT, GENERAL COUNSEL AND  
SECRETARY

Address: 1151 AZALEA GARDEN ROAD  
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Agent Authorized to Accept Service on Behalf of Above-signed Party:

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Title: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_

Ph. Number: \_\_\_\_\_

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Tarmac America LLC, successor by  
merger to Tarmac Florida, Inc.

Signature:



1-24-2005

Date

Name (print): Russell A. Fink

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Norfolk, VA 23502

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- > me -

Title:

Address:

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THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

9/15/04  
Date

ThyssenKrupp Elevator Corporation

FOR

*F/K/a Miami Elevator Company*

Signature:

Name (print):

**JESSE L. MATUSON**

**DIRECTOR OF REAL ESTATE & LEASING**

Title:

Address:

**7481 N.W. 66TH STREET  
MIAMI, FL 33166**

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print):

Title:

**JESSE L. MATUSON**

**DIRECTOR OF REAL ESTATE & LEASING**

Address:

ThyssenKrupp Elevator Corporation

**7481 N.W. 66TH STREET  
MIAMI, FL 33166**


Ph. Number:

**877-280-4722**

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR TIDE KINGDOM, INC.

9/20/04  
Date

Signature: 

Name (print): CHARLES ZACHARIAS

Title: VIC PRESIDENT - REAL ESTATE + LOGISTICS

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JUNO BEACH, FL 33408

Agent Authorized to Accept Service on Behalf of Above-signed Party:

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Ph. Number: 561-650-7908



THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

9/16/04  
Date

FOR Tropical Shipping

Signature: [Signature]

Name (print): RUBEN SANCHEZ

Title: ASSISTANT SECRETARY

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RIVER BEACH, FLORIDA 33404

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): JAMES R. BRINDEN

Title: ATTORNEY FOR TROPICAL

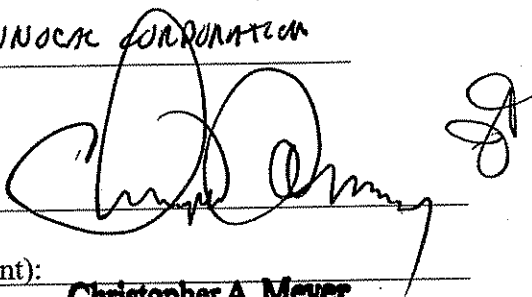
Address: 777 SO FLAGLER DR.  
SUITE 500 E  
WEST PALM BEACH, FL 33401-6194

Ph. Number: 561-655-1980

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

9/22/04  
Date

FOR UNOCAL CORPORATION

Signature: 

Name (print):

**Christopher A. Meyer**  
**It's Attorney-in-fact**

Title:

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270 Tank Farm Rd.  
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Agent Authorized to Accept Service on Behalf of Above-signed Party:

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SUGAR LAND TX 77478

Ph. Number: (281) 287-6001

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Vulcan Materials Company

Signature: William F. Denson III

\_\_\_\_\_  
Date

Name (print): William F. Denson, III

Title: Senior Vice President, General Counsel  
and Secretary

Address: 1200 Urban Center Drive  
Birmingham, Alabama 25242  
\_\_\_\_\_  
\_\_\_\_\_

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): CSC United States

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Tallahassee, Florida 32301  
\_\_\_\_\_  
\_\_\_\_\_

Ph. Number: 850-521-1000

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR WALPOLE, INC

11-4-04  
Date

Signature: 

Name (print): KEITH A WALPOLE

Title: SEC/TREASURER

Address: 269 NW 9TH ST  
OKLA CREEK, FL  
34973

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): -SANC-

Title: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Ph. Number: \_\_\_\_\_

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR WARREN WOOTEN FORD, INC

Date \_\_\_\_\_

Signature: \_\_\_\_\_

Name (print): ROSE PELINO

Title: DIRECTOR ENVIRONMENTAL AFFAIRS  
CENDANT CAR RENTAL GROUP, INC

Address: \_\_\_\_\_

6 SYLVAN WAY  
PARSIPPANY, NJ 07054

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): CORPORATION SERVICE CO.

Title: \_\_\_\_\_

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32301

Ph. Number: \_\_\_\_\_

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION

9/8/04

Date

Signature: Freddie Simmons

Name (print): Freddie Simmons

Title: State Highway Engineer

Address: Florida Department of Transportation  
605 Suwannee Street, Mail Station 57  
Tallahassee, Florida 32399-0457

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): José Abreu

Title: Secretary of Transportation

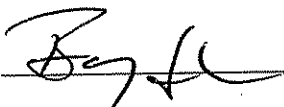
Address: Florida Department of Transportation  
605 Suwannee Street, Mail Station 57  
Tallahassee, Florida 32399-0457

Ph. Number: (850) 414-5205

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Barry J. Paul, Individually

04-21-05  
Date

Signature: 

Name: Barry J. Paul

Title: \_\_\_\_\_

Address: c/o Watkins & Caleen, P.A.  
1725 Mahan Drive, Suite 201  
P. O. Box 15828  
Tallahassee, FL 32317-5828

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): R. L. Caleen, Jr., Esq.

Title: Attorney

Address: Watkins & Caleen, P.A.  
1725 Mahan Drive, Suite 201  
P. O. Box 15828  
Tallahassee, FL 32317-5828

Ph. Number: (850) 671-2644

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Barry's Waste Oil

04-21-05  
Date

Signature: 

Name: Barry J. Paul

Title: Authorized Representative

Address: c/o Watkins & Caleen, P.A.  
1725 Mahan Drive, Suite 201  
P. O. Box 15828  
Tallahassee, FL 32317-5828

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): R. L. Caleen, Jr., Esq.

Title: Attorney

Address: Watkins & Caleen, P.A.  
1725 Mahan Drive, Suite 201  
P. O. Box 15828  
Tallahassee, FL 32317-5828

Ph. Number: (850) 671-2644



THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Bonnie F. Paul, Individually

04-21-05  
Date

Signature: Bonnie F. Paul

Name: Bonnie F. Paul

Title: \_\_\_\_\_

Address: c/o Watkins & Caleen, P.A.  
1725 Mahan Drive, Suite 201  
P. O. Box 15828  
Tallahassee, FL 32317-5828

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): R. L. Caleen, Jr., Esq.

Title: Attorney

Address: Watkins & Caleen, P.A.  
1725 Mahan Drive, Suite 201  
P. O. Box 15828  
Tallahassee, FL 32317-5828

Ph. Number: (850) 671-2644

THE UNDERSIGNED PARTY enters into this Consent Decree in the matter of United States v. U.S. Sugar Corporation, et al., relating to the Florida Petroleum Reprocessors Superfund Site.

FOR Oil Conservationist, Inc.

04-21-05  
Date

Signature: 

Name: Barry J. Paul

Title: President

Address: c/o Watkins & Caleen, P.A.  
1725 Mahan Drive, Suite 201  
P. O. Box 15828  
Tallahassee, FL 32317-5828

Agent Authorized to Accept Service on Behalf of Above-signed Party:

Name (print): R. L. Caleen, Jr., Esq.

Title: Attorney

Address: Watkins & Caleen, P.A.  
1725 Mahan Drive, Suite 201  
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Ph. Number: (850) 671-2644

1-1-1

# APPENDIX A

# **APPENDIX B**

**APPENDIX**  
**STATEMENT OF WORK FOR THE**  
**FLORIDA PETROLEUM REPROCESSORS SUPERFUND SITE**  
**BROWARD COUNTY, FLORIDA**

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**STATEMENT OF WORK FOR THE  
REMEDIAL DESIGN AND REMEDIAL ACTION  
AT THE FLORIDA PETROLEUM REPROCESSORS SITE  
DAVIE, FLORIDA**

**I. INTRODUCTION**

This Statement of Work (SOW) outlines the work to be performed by Settling Defendants, which is intended to be the first and final Operable Unit for the remedy at the Florida Petroleum Reprocessors Superfund Site in Davie, Broward County, Florida ("the Site"). The work outlined is intended to fully implement the remedy as described in the Record of Decision (ROD) for the Site, dated March 1, 2001, and to achieve the Performance Standards set forth in the ROD, Explanation of Significant Differences (ESD), Consent Decree, and this SOW. The requirements of this SOW will be further detailed in work plans and other documents to be submitted by the Settling Defendants for approval as set forth in this SOW. It is not the intent of this document to provide task specific engineering or geological guidance. The definitions set forth in Section IV of the Consent Decree shall also apply to this SOW unless expressly provided otherwise herein.

Settling Defendants are responsible for performing the Work to implement the selected remedy. EPA shall conduct oversight of the Settling Defendants' activities throughout the performance of the Work. The Settling Defendants shall assist EPA in conducting oversight activities.

EPA review or approval of a task or deliverable shall not be construed as a guarantee as to the adequacy of such task or deliverable. If EPA modifies a deliverable pursuant to Section XII of the Consent Decree, such deliverable as modified shall be deemed approved by EPA for purposes of this SOW. A summary of the major deliverables that Settling Defendants shall submit for the Work is attached.

**II. OVERVIEW OF THE REMEDY**

**THE OBJECTIVES OF THIS REMEDIAL ACTION ARE TO:**

- Prevent the further degradation of the Biscayne aquifer caused by the release of contamination from the Source Area;
- Prevent or minimize the migration of groundwater with contamination exceeding maximum



contaminant levels (MCLs), or other appropriate health-based levels, beyond the current plume boundaries;

- Prevent or minimize impacts to human health and the environment due to exposure to site-related contaminated soil and groundwater;

To the extent practicable, restore the groundwater in the Biscayne aquifer beneath the site to its most beneficial use;

- Prevent the future contamination of drinking water supplies, and provided for the continued use of drinking water supplies by controlling the migration of contaminated groundwater from the site.

### III. REMEDY

The remedy, as outlined in the ROD and modified by the ESD, includes long-term groundwater monitoring for monitored natural attenuation and more rigorous groundwater monitoring for determining the need for the Wellfield Protection component of the ROD. Since groundwater monitoring may be the only action required for the implementation of the ROD, the SOW requirements of treatability studies, remedial design, remedial action, and operation and maintenance are redundant. Instead, the only activity that will be required will be the preparation of a Remedial Design Work Plan, as described in Task II – Remedial Design, Part A – Remedial Design Planning (which includes RD Work Plan, Sampling and Analysis Plan, and Health and Safety Plan) and which will also include elements of the Performance Standards Verification Plan, as described in Task V – Performance Monitoring. If at any time during the implementation of the ROD, the Peele-Dixie contingency or an alternate FPR-Facility groundwater remedy needs to be implemented, then the full planning and deliverables of the SOW may be required.

#### A. Components

The major components of the remedy are described in Section 11, Selected Remedy section of the attached ROD.

#### B. Treatment

The treatment technologies for the remedy are described in Section 11.2, Description of the Selected Remedy section of the attached ROD.

#### C. Performance Standards

Settling Defendants shall meet all performance related standards, as defined in the Consent Decree including the standards set forth in Section 11.2 of the attached ROD.

Settling Defendants shall perform groundwater treatment and groundwater monitoring until the Settling Defendants have demonstrated compliance with the respective Performance Standards, in accordance with the Performance Standards Verification Plan.

D. Compliance Testing

Settling Defendants shall perform compliance testing to ensure that all Performance Standards are met. The groundwater shall be tested in accordance with the Performance Standard Verification Plan developed pursuant to Task V of this SOW. After demonstration of compliance with Performance Standards, Settling Defendants shall monitor the Site related groundwater for a minimum of two years. If monitoring indicates that the Performance Standards set forth in Section 11.2 of the ROD are not being achieved at any time during this two year period, treatment of the groundwater will recommence until the Performance Standards are once again achieved. If testing of groundwater indicates the Performance Standards still have not been achieved, EPA may reevaluate the effectiveness of the groundwater remedy.

E. Treatability Studies

Since the nature of the remedy relies on standard technologies such as mechanical groundwater pumping and air stripping, formal treatability studies are not anticipated. That is not to say, however, that additional information will not need to be gathered during the RD regarding site-specific aquifer properties and further delineation of source areas. The requirements associated with these design studies will be discussed in Task II of the SOW.

Should unforeseen circumstances require the evaluation of certain treatment technologies, these studies will be performed in accordance with Task II of this SOW.

IV. PLANNING AND DELIVERABLES

The specific scope of this work shall be documented by Settling Defendants in a Remedial Design (RD) Work Plan and a Remedial Action (RA) Work Plan. Plans, specifications, submittals, and other deliverables shall be subject to EPA review and approval in accordance with Section XII of the Consent Decree.

Settling Defendants shall submit a technical memorandum documenting any need for additional data along with the proposed Data Quality Objectives (DQOs) whenever such requirements are identified. Settling Defendants are responsible for fulfilling additional data and analysis needs identified by EPA during the RD/RA process consistent with the general scope and objectives of the Consent Decree, including this SOW.

Settling Defendants shall perform the following tasks:

### TASK I - PROJECT PLANNING

#### A. Site Background

Settling Defendants shall gather and evaluate the existing information regarding the Site and shall conduct a visit to the Site to assist in planning the RD/RA as follows:

1. Collect and Evaluate Existing Data and Document the Need for Additional Data

Before planning RD/RA activities, all existing Site data shall be thoroughly compiled and reviewed by Settling Defendants. Specifically, this shall include the ROD, RI/FS, and other available data related to the Site. This information shall be utilized in determining additional data needed for RD/RA implementation. Final decisions on the necessary data and DQOs shall be made by EPA.

2. Conduct Site Visit

Settling Defendants shall conduct a visit to the Site with the EPA Remedial Project Manager (RPM) during the project planning phase to assist in developing a conceptual understanding of the RD/RA requirements for the Site. Information gathered during this visit shall be utilized to plan the project and to determine the extent of the additional data necessary to implement the RD/RA.

#### B. Project Planning

Once the Settling Defendants have collected and evaluated existing data and conducted a visit to the Site, the specific project scope shall be planned. Settling Defendants shall meet with EPA at the completion of this evaluation regarding the following activities and before proceeding with Task II.

### TASK II - REMEDIAL DESIGN

The Remedial Design shall provide the technical details for implementation of the Remedial Action in accordance with currently accepted environmental protection technologies and standard professional engineering and construction practices. The design shall include clear and comprehensive design. This design may be in the form of traditional drawings and specifications or in the form of a set of criteria necessary to achieve a given set of remedial goals (i.e., performance based design). Given that some

components of the RD may be performance based, and comparatively more straightforward than others, it may be appropriate to proceed from the preliminary to the prefinal design, omitting the intermediate (i.e., 60 % design). The nature of the design, and design approach itself, shall be set forth in the RD Work Plan. Among other things, the initial RD Work Plan shall describe how the Settling Defendants plan to manage the RD for the entire project. As described above, it is anticipated that the RD may be divided into separate components according to media, implementability, and/or additional data requirements. Once the overall RD project management plan is approved by EPA, the Settling Defendants shall amend the RD Work Plan, as appropriate, and manage the RD/RA according to separate components identified.

A. Remedial Design Planning

Within 30 days after EPA's issuance of an authorization to proceed pursuant to Paragraph 10 of the Consent Decree, Settling Defendants shall submit a RD Work Plan, a Sampling and Analysis Plan, and a Health and Safety Plan to EPA. The RD Work Plan and Sampling and Analysis Plan must be reviewed and approved by EPA. The Health and Safety Plan must be reviewed and commented on by EPA prior to the initiation of field activities. Upon approval of the RD Work Plan, Settling Defendants shall implement the RD Work Plan in accordance with the design management schedule contained therein. Plans, specifications, submittal, and other deliverables shall be subject to EPA review and approval in accordance with Section XII of the Consent Decree. Review and/or approval of design submittal only allows Settling Defendants to proceed to the next step of the design process. It does not imply acceptance of later design submittals that have not been reviewed, nor that the remedy, when constructed, will meet Performance Standards.

1. RD Work Plan

Settling Defendants shall submit a Remedial Design (RD) Work Plan to EPA for review and approval. The Work Plan shall be developed in conjunction with the Sampling and Analysis Plan, and the Health and Safety Plan, although each plan may be delivered under separate cover. The Work Plan shall include a comprehensive description of the additional data collection and evaluation activities to be performed, if any, and the plans and specifications to be prepared. A comprehensive design management schedule for completion of each major activity and submission of each deliverable shall also be included.

Specifically, the RD Work Plan shall present the following:

- a. A statement of the problem(s) and potential problem(s) posed by the Site and the objectives of the RD/RA.

- b. A background summary setting forth the following:
  - 1) A brief description of the Site including the geographic location and the physiographic, hydrologic, geologic, demographic, ecological, and natural resource features;
  - 2) A brief synopsis of the history of the Site including a summary of past disposal practices and a description of previous responses that have been conducted by local, State, Federal, or private parties;
  - 3) A summary of the existing data including physical and chemical characteristics of the contaminants identified and their distribution among the environmental media at the Site.
- c. A list and detailed description of the tasks to be performed, information needed for each task, information to be produced during and at the conclusion of each task, and a description of the work products that shall be submitted to EPA. This description shall include the deliverables set forth in the remainder of Task II.
- d. A schedule with specific dates for completion of each required activity and submission of each deliverable required by the Consent Decree and this SOW. This schedule shall also include information regarding timing, initiation and completion of all critical path milestones for each activity and/or deliverable.
- e. A project management plan, including a data management plan, and provision for monthly reports to EPA, and meetings and presentations to EPA at the conclusion of each major phase of the RD/RA. The data management plan shall address the requirements for project management systems, including tracking, sorting, and retrieving the data along with an identification of the software to be used, minimum data requirements, data format and backup data management. The plan shall address both data management and document control for all activities conducted during the RD/RA.
- f. A description of the community relations support activities to be conducted during the RD. At EPA's request, Settling Defendant will assist EPA in preparing and disseminating information to the public regarding the RD work to be performed.

2. Sampling and Analysis Plan

Settling Defendants shall prepare a Sampling and Analysis Plan (SAP) to ensure that sample collection and analytical activities are conducted in accordance with technically acceptable protocols and that the data generated will meet the DQOs established. The SAP shall include a Field Sampling and Analysis Plan (FSAP) and a Quality Assurance Project Plan (QAPP).

The FSAP shall define in detail the sampling and data-gathering methods that shall be used on the project. It shall include sampling objectives, sample location (horizontal and vertical) and frequency, sampling equipment and procedures, and sample handling and analysis. The Field Sampling and Analysis Plan shall be written so that a field sampling team unfamiliar with the Site would be able to gather the samples and field information required. The QAPP shall describe the project objectives and organization, functional activities, and quality assurance and quality control (QA/QC) protocols that shall be used to achieve the desired DQOs. The DQOs shall, at a minimum, reflect use of analytical methods for obtaining data of sufficient quality to meet National Contingency Plan requirements as identified at 300.435 (b). In addition, the QAPP shall address personnel qualifications, sampling procedures, sample custody, analytical procedures, and data reduction, validation, and reporting. These procedures must be consistent with the Region IV Environmental Compliance Branch Standard Operating Procedures and Quality Assurance Manual and the guidance specified in Section IX of the Consent Decree.

Settling Defendants shall demonstrate in advance and to EPA's satisfaction that each laboratory it may use is qualified to conduct the proposed work and meets the requirements specified in Section IX of the Consent Decree. EPA may require that Settling Defendants submit detailed information to demonstrate that the laboratory is qualified to conduct the work, including information on personnel qualifications, equipment and material specification, and laboratory analyses of performance samples (blank and/or spike samples). In addition, EPA may require submittal of data packages equivalent to those generated by the EPA Contract Laboratory Program (CLP).

3. Health and Safety Plan

A Health and Safety Plan shall be prepared in conformance with Settling Defendant's health and safety program, and in compliance with OSHA regulations and protocols. The Health and Safety Plan shall include a health and safety risk analysis, a description of monitoring and personal protective equipment, medical monitoring, and provisions for site control. EPA will not approve Settling Defendant's Health and Safety Plan, but rather EPA

will review it to ensure that all necessary elements are included, and that the plan provides for the protection of human health and the environment.

4. Treatability Study Work Plan (If Applicable)

Settling Defendants shall prepare a Treatability Study Work Plan for EPA review and approval. The purpose of the Treatability Study is to determine if the particular technology or vendor of this technology is capable of meeting the Performance Standards. The Treatability Study Work Plan shall describe the technology to be tested, and test objectives, experimental procedures, treatability conditions to be tested, measurements of performance, analytical methods, data management and analysis, health and safety, and residual waste management. The DQOs for the treatability study shall be documented as well. The Treatability Study Work Plan shall also describe pilot plant installation and start-up, pilot plant operation and maintenance procedures, and operating conditions to be tested. If testing is to be performed off-site, permitting requirements shall be addressed. A schedule for performing the treatability study shall be included with specific dates for the tasks, including, but not limited to, the procurement of contractors and the completion of sample collection, performance, sample analysis, and report preparation. The Work Plan shall describe in detail the treatment process and how the proposed vendor or technology will meet the Performance Standards for the Site. Review and approval by EPA shall mean only that EPA considers the proposed technology, vendor, and study approach appropriate for the remedy selected for the Site. The Treatability Study Work Plan shall also address how Settling Defendants propose to meet all discharge requirements for any and all treated material, air, water and expected effluents. Additionally, the Work Plan shall also explain the proposed final treatment and disposal of all material generated by the proposed treatment system. Any and all permitting requirements shall also be addressed.

5. Treatability Study Sampling and Analysis Plan (If Applicable)

If EPA determines that the Remedial Design SAP is not adequate for defining the activities to be performed during the Treatability Study, a separate Treatability Study SAP shall be prepared by Settling Defendants for EPA review and approval. It shall be designed to monitor pilot plant performance.

6. Treatability Study Health and Safety Plan (If Applicable)

If EPA determines that the Remedial Design Health and Safety Plan is not adequate for defining the activities to be performed during the Treatability

Study, a separate Treatability Study Health and Safety Plan shall be developed by Settling Defendants. EPA will not approve Settling Defendant's Health and Safety Plan, but rather EPA will review it to ensure that all necessary elements are included, and that the plan provides for the protection of human health and the environment.

B. Preliminary Design

Preliminary Design shall begin with initial design and shall end with the completion of approximately 30 percent of the design effort. (Except in the case where the Intermediate Design is omitted, the Preliminary Design may represent more than the 30% design effort) At this stage, Settling Defendants shall field verify, as necessary, the existing conditions of the Site. The technical requirements of the Remedial Action shall be addressed and outlined so that they may be reviewed to determine if the final design will provide an effective remedy. Supporting data and documentation shall be provided with the design documents defining the functional aspects of the project. EPA approval of the Preliminary Design is required before proceeding with further design work, unless specifically authorized by EPA. In accordance with the design management schedule established in the approved Remedial Design Work Plan, Settling Defendants shall submit to EPA the Preliminary Design submittal which shall consist of the following:

1. Results of Data Acquisition Activities

Data gathered during the project planning phase shall be compiled, summarized, and submitted along with an analysis of the impact of the results on design activities. In addition, surveys conducted to establish topography, rights-of-way, easements, and utility lines shall be documented. Utility requirements and acquisition of access, through purchases or easements, that are necessary to implement the RA shall also be discussed.

2. Design Criteria Report

The concepts supporting the technical aspects of the design shall be defined in detail and presented in this report. Specifically, the Design Criteria Report shall include the preliminary design assumptions and parameters, including, but not limited to the following:

- a. Waste characterization
- b. Pretreatment requirements
- c. Volume of each media requiring treatment
- d. Treatment schemes (including all media and by-products)



- e. Input/output rates
- f. Influent and effluent qualities
- g. Materials and equipment
- h. Performance Standards
- i. Long-term monitoring requirements

3. Preliminary Plans and Specifications

Settling Defendants shall submit an outline of the required drawings, including preliminary sketches and layouts, describing conceptual aspects of the design, unit processes, etc. In addition, an outline of the required specifications, including Performance Standards, shall be submitted. Construction drawings shall reflect organization and clarity, and the scope of the technical specifications shall be outlined in a manner reflecting the final specifications.

4. Plan for Satisfying Permitting Requirements

All activities must be performed in accordance with the requirements of all applicable federal and state laws and regulations. Any off-site disposal shall be in compliance with the policies stated in the Procedure for Planning and Implementing Off-site Response Actions (Federal Register, Volume 50, Number 214, November, 1985, pages 45933 - 45937) and Federal Register, Volume 55, Number 46, March 8, 1990, page 8840, and the National Contingency Plan, Section 300.440. The plan shall identify the off-site disposal/discharge permits that are required, the time required to process the permit applications, and a schedule for submittal of the permit applications.

5. Treatability Study Final Report (If Applicable)

Following completion of the study, Settling Defendants shall submit a report on the performance of the technology to EPA for review and approval. EPA will evaluate the results of the treatability study for completeness and appropriateness based on site conditions. The study results shall indicate clearly the performance of the technology or vendor compared with the Performance Standards established for the Site. The report shall evaluate the treatment technology's effectiveness, implementability, cost, and actual results as compared with predicted results. The report shall also evaluate full-scale application of the technology, including a sensitivity analysis identifying the key parameters affecting full-scale operation. The study results shall be submitted to EPA immediately upon completion of the study. Should the results indicate that the proposed technology will meet the Performance Standards, EPA will instruct Settling Defendants to include the

Treatability Study Final Report in the Preliminary Design Report and the study results and operating conditions shall be used in the detailed design of the selected remedy. EPA approval of the Treatability Study Final Report shall mean only that EPA finds the study methodology acceptable. EPA approval of the study, results, or the Treatability Study Final Report shall not imply or be construed to mean that EPA is warranting the performance of this or any vendor or technology. Should the treatability study not be approved by EPA, additional treatability studies may be required to fully evaluate the available treatment systems.

C. Intermediate Design (If Applicable)

As discussed previously, the nature of the design may be such that the Intermediate Design is not necessary and that the design may proceed from the Preliminary to the Prefinal Design. It is anticipated that the Intermediate Design will only be needed in those cases whereby the traditional detailed plans and specifications and a complex design warrants an intermediate deliverable. If used, the Intermediate Design shall begin with completion of the Preliminary Design and end with the completion of approximately 60 percent of the design effort. Settling Defendants shall submit to EPA the Intermediate Design submittal which shall consist of a continuation and expansion of the Preliminary Design submittal as may be modified by any value engineering recommendations adopted by Settling Defendants. Any value engineering recommendations adopted by Settling Defendants shall be summarized in a report submitted with the Intermediate Design. EPA comments on the Intermediate Design and a memorandum indicating how EPA's comments were incorporated shall be included in the Prefinal/Final Design. The Intermediate Design shall be submitted in accordance with the approved design management schedule and shall consist of the following:

1. Draft Design Analyses

The evaluations conducted to select the design approach shall be described. Design calculations shall be included.

2. Draft Plans and Specifications

Draft construction drawings and specifications for all components of the Remedial Action shall be prepared and presented. All plans and specifications shall conform with the Construction Specifications Institute Master Format.

3. Draft Construction Schedule

Settling Defendants shall develop a Draft Construction Schedule for construction and implementation of the remedial action which identifies

timing for initiation and completion of all critical path tasks. Settling Defendants shall specifically identify dates for completion of the project and major milestones.

D. Prefinal/Final Design

Settling Defendants shall submit the Prefinal Design when the design work is approximately 90 percent complete in accordance with the approved design management schedule. (Except in the case whereby the Intermediate Design is omitted, the Prefinal Design may represent less than the 90% design) Settling Defendants shall address comments generated from the Preliminary and Intermediate Design Review and clearly show any modification of the design as a result of incorporation of the comments. Essentially, the Prefinal Design shall function as the draft version of the Final Design. After EPA review and comment on the Prefinal Design, the Final Design shall be submitted along with a memorandum indicating how the Prefinal Design comments were incorporated into the Final Design. All Final Design documents shall be certified by a Professional Engineer registered in the State of Florida. EPA written approval of the Final Design is required before initiating the RA, unless specifically authorized by EPA. The following items shall be submitted with or as part of the Prefinal/Final Design:

1. Complete Design Analyses

The selected design shall be presented along with an analysis supporting the design approach. Design calculations shall be included.

2. Final Plans and Specifications

A complete set of construction drawings and specifications shall be submitted which describe the selected design.

3. Final Construction Schedule

Settling Defendants shall submit a final construction schedule to EPA for approval.

4. Construction Cost Estimate

An estimate within +15 percent to -10 percent of actual construction costs shall be submitted.

TASK III - REMEDIAL ACTION

Remedial Action shall be performed by Settling Defendants to implement the response actions selected in the ROD.

A. Remedial Action Planning

Concurrent with the submittal of the Prefinal/Final Design, Settling Defendants shall submit a draft Remedial Action (RA) Work Plan, Project Delivery Strategy, a Construction Management Plan, a Construction Quality Assurance Plan, and a Construction Health and Safety Plan/Contingency Plan. The RA Work Plan, Project Delivery Strategy, Construction Management Plan, and Construction Quality Assurance Plan must be reviewed and approved by EPA and the Construction Health and Safety Plan/Contingency Plan reviewed by EPA prior to the initiation of the Remedial Action.

Upon approval of the Final Design and the RA Work Plan, Settling Defendants shall implement the RA Work Plan in accordance with the construction management schedule. Significant field changes to the RA as set forth in the RA Work Plan and Final Design shall not be undertaken without the approval of EPA. The RA shall be documented in enough detail to produce as-built construction drawings after the RA is complete. Deliverables shall be submitted to EPA for review and approval in accordance with Section XII of the Consent Decree. Review and/or approval of submittals does not imply acceptance of later submittals that have not been reviewed, nor that the remedy, when constructed, will meet Performance Standards.

1. RA Work Plan

A Work Plan which provides a detailed plan of action for completing the RA activities shall be submitted to EPA for review and approval. The objective of this work plan is to provide for the safe and efficient completion of the RA. The Work Plan shall be developed in conjunction with the Project Delivery Strategy, Construction Management Plan, the Construction Quality Assurance Plan, and the Construction Health and Safety Plan/Contingency Plan, although each plan may be delivered under separate cover. The Work Plan shall include a comprehensive description of the work to be performed and the Final Construction schedule for completion of each major activity and submission of each deliverable.

Specifically, the RA Work Plan shall present the following:

- a. A detailed description of the tasks to be performed and a description of the work products to be submitted to EPA. This includes the deliverables set forth in the remainder of Task III.
- b. A schedule for completion of each required activity and submission of each deliverable required by this Consent Decree, including those in this SOW.

- c. A project management plan, including provision for monthly reports to EPA and meetings and presentations to EPA at the conclusion of each major phase of the RA. EPA's Project Coordinator and the Settling Defendants' Project Coordinator will meet, at a minimum, on a quarterly basis, unless EPA determines that such meeting is unnecessary.
- d. A description of the community relations support activities to be conducted during the RA. At EPA's request, Settling Defendants shall assist EPA in preparing and disseminating information to the public regarding the RA work to be performed.

2. Project Delivery Strategy

Settling Defendants shall submit a document to EPA for review and approval describing the strategy for delivering the project. This document shall address the management approach for implementing the Remedial Action, including procurement methods and contracting strategy, phasing alternatives, and contractor and equipment availability concerns. If the construction of the remedy is to be accomplished by Settling Defendants' "in-house" resources, the document shall identify those resources.

3. Construction Management Plan

A Construction Management Plan shall be developed to indicate how the construction activities are to be implemented and coordinated with EPA during the RA. Settling Defendants shall designate a person to be a Remedial Action Coordinator and its representative on-site during the Remedial Action, and identify this person in the Plan. This Plan shall also identify other key project management personnel and lines of authority, and provide descriptions of the duties of the key personnel along with an organizational chart. In addition, a plan for the administration of construction changes and EPA review and approval of those changes shall be included.

4. Construction Quality Assurance Plan

Settling Defendants shall develop and implement a Construction Quality Assurance Program to ensure, with a reasonable degree of certainty, that the completed Remedial Action meets or exceeds all design criteria, plans and specifications, and Performance Standards. The Construction Quality Assurance Plan shall incorporate relevant provisions of the Performance Standards Verification Plan (see Task V). At a minimum, the Construction

Quality Assurance Plan shall include the following elements:

- a. A description of the quality control organization, including a chart showing lines of authority, identification of the members of the Independent Quality Assurance Team (IQAT), and acknowledgment that the IQAT will implement the control system for all aspects of the work specified and shall report to the project coordinator and EPA. The IQAT members shall be representatives from testing and inspection organizations and/or the Supervising Contractor and shall be responsible for the QA/QC of the Remedial Action. The members of the IQAT shall have a good professional and ethical reputation, previous experience in the type of QA/QC activities to be implemented, and demonstrated capability to perform the required activities. They shall also be independent of the construction contractor.
- b. The name, qualifications, duties, authorities, and responsibilities of each person assigned a QC function.
- c. Description of the observations and control testing that will be used to monitor the construction and/or installation of the components of the Remedial Action. This includes information which certifies that personnel and laboratories performing the tests are qualified and the equipment and procedures to be used comply with applicable standards. Any laboratories to be used shall be specified. Acceptance/Rejection criteria and plans for implementing corrective measures shall be addressed.
- d. A schedule for managing submittals, testing, inspections, and any other QA function (including those of contractors, subcontractors, fabricators, suppliers, purchasing agents, etc.) that involve assuring quality workmanship, verifying compliance with the plans and specifications, or any other QC objectives. Inspections shall verify compliance with all environmental requirements and include, but not be limited to, air quality and emissions monitoring records and waste disposal records, etc.
- e. Reporting procedures and reporting format for QA/QC activities including such items as daily summary reports, schedule of data submissions, inspection data sheets, problem identification and corrective measures reports, evaluation reports, acceptance reports, and final documentation.

- f. A list of definable features of the work to be performed. A definable feature of work is a task which is separate and distinct from other tasks and has separate control requirements.

5. Construction Health and Safety Plan/Contingency Plan

Settling Defendants shall prepare a Construction Health and Safety Plan/Contingency Plan in conformance with Settling Defendants' health and safety program, and in compliance with OSHA regulations and protocols. The Construction Health and Safety Plan shall include a health and safety risk analysis, a description of monitoring and personal protective equipment, medical monitoring, and site control. EPA will not approve Settling Defendants' Construction Health and Safety Plan/Contingency Plan, but rather EPA will review it to ensure that all necessary elements are included, and that the plan provides for the protection of human health and the environment. This plan shall include a Contingency Plan and incorporate Air Monitoring and Spill Control and Countermeasures Plans if determined by EPA to be applicable for the Site. The Contingency Plan is to be written for the onsite construction workers and the local affected population. It shall include the following items:

- a. Name of person who will be responsible in the event of an emergency incident.
- b. Plan for initial site safety indoctrination and training for all employees, name of the person who will give the training and the topics to be covered.
- c. Plan and date for meeting with the local community, including local, state and federal agencies involved in the cleanup, as well as the local emergency squads and the local hospitals.
- d. A list of the first aid and medical facilities including, location of first aid kits, names of personnel trained in first aid, a clearly marked map with the route to the nearest medical facility, all necessary emergency phone numbers conspicuously posted at the job site (i.e., fire, rescue, local hazardous material teams, National Emergency Response Team, etc.)
- e. Plans for protection of public and visitors to the job site.
- f. Air Monitoring Plan which incorporates the following requirements:

1) Air monitoring shall be conducted both on Site and at the perimeter of the Site. The chemical constituents that were identified during the Risk Assessment shall serve as a basis of the sampling for and measurement of pollutants in the atmosphere. Settling Defendants shall clearly identify these compounds and the detection and notification levels required in Paragraph 4 below. Air monitoring shall include personnel monitoring, on-site area monitoring, and perimeter monitoring.

2) Personnel Monitoring shall be conducted according to OSHA and NIOSH regulations and guidance.

3) Onsite Area Monitoring shall consist of continuous real-time monitoring performed immediately adjacent to any waste excavation areas, treatment areas, and any other applicable areas when work is occurring. Measurements shall be taken in the breathing zones of personnel and immediately upwind and downwind of the work areas. Equipment shall include the following, at a minimum: organic vapor meter, explosion meter, particulate monitoring equipment, and onsite windsock.

4) Perimeter Monitoring shall consist of monitoring airborne contaminants at the perimeter of the Site to determine whether harmful concentrations of toxic constituents are migrating off-site. EPA approved methods shall be used for sampling and analysis of air at the Site perimeter. The results of the perimeter air monitoring and the on-site meteorological station shall be used to assess the potential for off-site exposure to toxic materials. The air monitoring program shall include provisions for notifying nearby residents, local, state and federal agencies in the event that unacceptable concentrations of airborne toxic constituents are migrating off-site. Settling Defendants shall report detection of unacceptable levels of airborne contaminants to EPA in accordance with Section XI of the Consent Decree.

g. A Spill Control and Countermeasures Plan which shall include the following:

1) Contingency measures for potential spills and discharges from materials handling and/or transportation.

2) A description of the methods, means, and facilities required to prevent contamination of soil, water, atmosphere, and



uncontaminated structures, equipment, or material by spills or discharges.

3) A description of the equipment and personnel necessary to perform emergency measures required to contain any spillage and to remove spilled materials and soils or liquids that become contaminated due to spillage. This collected spill material must be properly disposed of.

4) A description of the equipment and personnel to perform decontamination measures that may be required for previously uncontaminated structures, equipment, or material.

#### B. Preconstruction Conference

A Preconstruction Conference shall be held after selection of the construction contractor but before initiation of construction. This conference shall include Settling Defendants and federal, state and local government agencies and shall:

1. Define the roles, relationships, and responsibilities of all parties;
2. Review methods for documenting and reporting inspection data;
3. Review methods for distributing and storing documents and reports;
4. Review work area security and safety protocols;
5. Review the Construction Schedule;
6. Conduct a site reconnaissance to verify that the design criteria and the plans specifications are understood and to review material and equipment storage locations.

The Preconstruction Conference must be documented, including names of people in attendance, issues discussed, clarifications made, special instructions issued, etc.

#### C. Prefinal Construction Inspection

Upon preliminary project completion Settling Defendants shall notify EPA for the purpose of conducting a Prefinal Construction Inspection. Participants should include the Project Coordinators, Supervising Contractor, Construction Contractor, Natural Resource Trustees and other federal, state, and local agencies with a jurisdictional interest. The Prefinal Inspection shall consist of a walk-through inspection of the entire project site. The objective of the inspection is to determine whether the construction is complete and consistent with the Consent Decree. Any outstanding construction items discovered during

the inspection shall be identified and noted on a punch list. Additionally, treatment equipment shall be operationally tested by Settling Defendants. Settling Defendants shall certify that the equipment has performed to effectively meet the purpose and intent of the specifications. Retesting shall be completed where deficiencies are revealed. A Prefinal Construction Inspection Report shall be submitted by Settling Defendants which outlines the outstanding construction items, actions required to resolve the items, completion date for the items, and an anticipated date for the Final Inspection.

D. Final Construction Inspection

Upon completion of all outstanding construction items, Settling Defendants shall notify EPA for the purpose of conducting a Final Construction Inspection. The Final Construction Inspection shall consist of a walk-through inspection of the entire project site.

The Prefinal Construction Inspection Report shall be used as a check list with the Final Construction Inspection focusing on the outstanding construction items identified in the Prefinal Construction Inspection. All tests that were originally unsatisfactory shall be conducted again. Confirmation shall be made during the Final Construction Inspection that all outstanding items have been resolved. Any outstanding construction items discovered during the inspection still requiring correction shall be identified and noted on a punch list.

If any items are still unresolved, the inspection shall be considered to be a Prefinal Construction Inspection requiring another Prefinal Construction Inspection Report and subsequent Final Construction Inspection.

E. Final Construction Report

Within thirty (30) days following the conclusion of the Final Construction Inspection, Settling Defendants shall submit a Final Construction Report. EPA will review the draft report and will provide comments to Settling Defendants. The Final Construction Report shall include the following:

1. Brief description of how outstanding items noted in the Prefinal Inspection were resolved;
2. Explanation of modifications made during the RA to the original RD and RA Work Plans and why these changes were made;
3. As-built drawings.
4. Synopsis of the construction work defined in the SOW and certification that the construction work has been completed.

F. Remedial Action Report

As provided in Section XV of the Consent Decree, within 90 days after Settling Defendants concludes that the Remedial Action has been fully performed and the Performance Standards have been attained, Settling Defendants shall so certify to the United States and shall schedule and conduct a pre-certification inspection to be attended by EPA and Settling Defendants. If after the pre-certification inspection Settling Defendants still believes that the Remedial Action has been fully performed and the Performance Standards have been attained, Settling Defendants shall submit a Remedial Action (RA) Report to EPA in accordance with Section XV of the Consent Decree. The RA Report shall include the following:

1. A copy of the Final Construction Report;
2. Synopsis of the work defined in this SOW and a demonstration in accordance with the Performance Standards Verification Plan that Performance Standards have been achieved;
3. Certification that the Remedial Action has been completed in full satisfaction of the requirements of the Consent Decree, and;
4. A description of how Settling Defendants will Implement any remaining part of the EPA approved Operation and Maintain Plan.

After EPA review, Settling Defendants shall address any comments and submit a revised report. As provided in Section XV of the Consent Decree, the Remedial Action shall not be considered complete until EPA approves the RA Report.

#### TASK IV - OPERATION AND MAINTENANCE

Operation and Maintenance (O&M) shall be performed in accordance with the approved Operation and Maintenance Plan. O&M submittals should take into account the complexity of the remedial action. Both the O&M Plan and O&M Manual may be submitted together. For remedial actions involving no treatment (i.e., containment), submittal of these documents should be requested at the 90 percent design stage. For remedial actions involving treatment, submittal should occur at approximately the 30 percent construction stage.

##### A. Operation and Maintenance Plan

At the 90 percent (Prefinal) design stage/30 percent construction stage, Settling Defendants shall submit an Operation and Maintenance Plan for review. The Operation and Maintenance Plan must be reviewed and approved by EPA prior to initiation of Operation and Maintenance activities. If necessary, the Operation and Maintenance Plan shall be modified to incorporate any design modifications implemented during the Remedial Action.

Upon approval of the Operation and Maintenance Plan, Settling Defendants shall

implement the Operation and Maintenance Plan in accordance with the schedule contained therein. This plan shall describe start-up procedures, operation, troubleshooting, training, and evaluation activities that shall be carried out by Settling Defendants. The plan shall address the following elements:

1. Equipment start-up and operator training;
  - a. Technical specifications governing treatment systems;
  - b. Requirements for providing appropriate service visits by experienced personnel to supervise the installation, adjustment, start-up and operation of the systems; and,
  - c. Schedule for training personnel regarding appropriate operational procedures once start-up has been successfully completed.
2. Description of normal operation and maintenance;
  - a. Description of tasks required for system operation;
  - b. Description of tasks required for system maintenance;
  - c. Description of prescribed treatment or operating conditions; and
  - d. Schedule showing the required frequency for each O&M task.
3. Description of potential operating problems;
  - a. Description and analysis of potential operating problems;
  - b. Sources of information regarding problems; and
  - c. Common remedies or anticipated corrective actions.
4. Description of routine monitoring and laboratory testing;
  - a. Description of monitoring tasks;
  - b. Description of required laboratory tests and their interpretation;
  - c. Required QA/QC; and
  - d. Schedule of monitoring frequency and date, if appropriate, when monitoring may cease.
5. Description of alternate O&M;
  - a. Should system fail, alternate procedures to prevent undue hazard; and;
  - b. Analysis of vulnerability and additional resource requirements should a failure occur.
6. Safety Plan;
  - a. Description of precautions to be taken and required health and safety equipment, etc., for site personnel protection, and
  - b. Safety tasks required in the event of systems failure.
7. Description of equipment;

- a. Equipment identification;
- b. Installation of monitoring components;
- c. Maintenance of site equipment; and
- d. Replacement schedule for equipment and installation components.

8. Records and reporting;

- a. Daily operating logs;
- b. Laboratory records;
- c. Records of operating cost;
- d. Mechanism for reporting emergencies;
- e. Personnel and Maintenance Records; and
- f. Monthly reports to State/Federal Agencies.

B. Operation and Maintenance Manual

At the 90 percent (Prefinal) design stage/30 percent construction stage, Settling Defendants shall submit an O&M manual for review. This manual shall include all necessary O&M information for the operating personnel. The O&M manual must be reviewed and approved by EPA prior to initiation of Operation and Maintenance activities.

TASK V - PERFORMANCE MONITORING

Performance monitoring shall be conducted to ensure that all Performance Standards are met.

A. Performance Standards Verification Plan

The purpose of the Performance Standards Verification Plan is to provide a mechanism to ensure that both short-term and long-term Performance Standards for the Remedial Action are met. Guidance used in developing the Sampling and Analysis Plan during the Remedial Design phase shall be used. Settling Defendants shall submit a Performance Standards Verification Plan with the Intermediate Design. Once approved, Settling Defendants shall implement the Performance Standards Verification Plan on the approved schedule. The Performance Standards Verification Plan shall include:

1. The Performance Standards Verification Field Sampling and Analysis Plan that provides guidance for all fieldwork by defining in detail the sampling and data gathering methods to be used. The Performance Standards Verification Field Sampling and Analysis Plan shall be written so that a field sampling team unfamiliar with the Site would be able to gather the samples and field information required.
2. The Performance Standards Verification Quality Assurance/Quality Control plan that describes the quality assurance and quality control protocols which

will be followed in demonstrating compliance with Performance standards.

3. Specification of those tasks to be performed by Settling Defendants to demonstrate compliance with the Performance Standards and a schedule for the performance of these tasks.

## REFERENCES

The following list, although not comprehensive, comprises many of the regulations and guidance documents that apply to the RD/RA process. Settling Defendants shall review these guidance and shall use the information provided therein in performing the RD/RA and preparing all deliverables under this SOW.

1. "National Oil and Hazardous Substances Pollution Contingency Plan, Final Rule", Federal Register 40 CFR Part 300, March 8, 1990.
2. "Superfund Remedial Design and Remedial Action Guidance," U.S. EPA, Office of Emergency and Remedial Response, June 1986, OSWER Directive No. 9355.0-4A.
3. "Interim Final Guidance on Oversight of Remedial Designs and Remedial Actions Performed by Potentially Responsible Parties," U.S. EPA, Office of Emergency and Remedial Response, February 14, 1990, OSWER Directive No. 9355.5-01.
4. "Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA, Interim Final," U.S. EPA, Office of Emergency and Remedial Response, October 1988, OSWER Directive No. 355.3-01.
5. "A Compendium of Superfund Field Operations Methods," Two Volumes, U.S. EPA, Office of Emergency and Remedial Response, EPA/540/P-87/001a, August 1987, OSWER Directive No. 9355.0-14.
6. "EPA NEIC Policies and Procedures Manual," EPA-330/9-78-001-R, May 1978, revised November 1984.
7. "Data Quality Objectives for Remedial Response Activities," U.S. EPA, Office of Emergency and Remedial Response and Office of Waste Programs Enforcement, EPA/540/G-87/003, March 1987, OSWER Directive No. 9335.0-7B.
8. "Guidelines and Specifications for Preparing Quality Assurance Project Plans," U.S. EPA, Office of Research and Development, Cincinnati, OH, QAMS-004/80, December 29, 1980.
9. "Interim Guidelines and Specifications for Preparing Quality Assurance Project Plans," U.S. EPA, Office of Emergency and Remedial Response, QAMS-005/80, December 1980.
10. "Users Guide to the EPA Contract Laboratory Program," U.S. EPA, Sample Management Office, August 1982.

11. "Environmental Compliance Branch Standard Operating Procedures and Quality Assurance Manual," U.S. EPA Region IV, Environmental Services Division, February 1, 1991, (revised periodically).
12. "USEPA Contract Laboratory Program Statement of Work for Organics Analysis," U.S. EPA, Office of Emergency and Remedial Response, February 1988.
13. "USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis," U.S. EPA, Office of Emergency and Remedial Response, July 1988.
14. "Quality in the Constructed Project: A Guideline for Owners, Designers, and Constructors, Volume 1, Preliminary Edition for Trial Use and Comment," American Society of Civil Engineers, May 1988.
15. "Interim Guidance on Compliance with Applicable or Relevant and Appropriate Requirements," U.S. EPA, Office of Emergency and Remedial Response, July 9, 1987, OSWER Directive No. 9234.0-05.
16. "CERCLA Compliance with Other Laws Manual," Two Volumes, U.S. EPA, Office of Emergency and Remedial Response, August 1988 (Draft), OSWER Directive No. 9234.1-01 and -02.
17. "Guidance on Remedial Actions for Contaminated Ground Water at Superfund Sites," U.S. EPA, Office of Emergency and Remedial Response; (Draft), OSWER Directive No. 9283.1-2.
18. "Guide for Conducting Treatability Studies Under CERCLA," U.S. EPA, Office of Emergency and Remedial Response, Pre-publication Version.
19. "Health and Safety Requirements of Employees Employed in Field Activities," U.S. EPA, Office of Emergency and Remedial Response, July 12, 1981, EPA Order No. 1440.2.
20. "Standard Operating Safety Guides," U.S. EPA, Office of Emergency and Remedial Response, November 1984.
21. "Standards for General Industry," 29 CFR Part 1910, Occupational Health and Safety Administration.
22. "Standards for the Construction Industry," 29 CFR 1926, Occupational Health and Safety Administration.
23. "NIOSH Manual of Analytical Methods," 2d edition. Volumes I - VII, or the 3rd



- edition, Volumes I and II, National Institute of Occupational Safety and Health.
24. "Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities," National Institute of Occupational Safety and Health/Occupational Health and Safety Administration/United States Coast Guard/ Environmental Protection Agency, October 1985.
  25. "TLVs - Threshold Limit Values and Biological Exposure Indices for 1987 - 88," American Conference of Governmental Industrial Hygienists.
  26. "American National Standards Practices for Respiratory Protection," American National Standards Institute Z88.2-1980, March 11, 1981.
  27. "Quality in the Constructed Project - Volume 1," American Society of Civil Engineers, 1990.

[Other guidance referenced in CD that are not listed above (i.e. QA, Sample and Data Analysis, etc.)]

SUMMARY OF THE MAJOR DELIVERABLES FOR THE  
REMEDIAL DESIGN AND REMEDIAL ACTION AT  
THE FLORIDA PETROLEUM REPROCESSORS SUPERFUND SITE  
DAVIE, FLORIDA

<u>DELIVERABLE</u>	<u>EPA RESPONSE</u>
<u>TASK I PROJECT PLANNING</u>	
No deliverables planned as part of Task I.	
<u>TASK II REMEDIAL DESIGN</u>	
RD Work Plan	Review and Approve
Sampling and Analysis Plan	Review and Approve
Health and Safety Plan	Review and Comment
[Include Treatability Study Deliverables only if applicable.]	
Treatability Study Work Plan	Review and Approve
Treatability Study Sampling and Analysis Plan	Review and Approve
Treatability Study Health and Safety Plan]	Review and Comment
<u>Preliminary Design</u>	
Results of Data Acquisition Activities	Review and Approve
Design Criteria Report	Review and Approve
Preliminary Plans and Specifications	Review and Approve
Plan for Satisfying Permitting Requirements	Review and Approve

[Treatability Study Final  
Report]

Review and Approve

Intermediate Design

Draft Design Analyses

Review and Comment

Draft Plans and  
Specifications

Review and Comment

Draft Construction Schedule

Review and Comment

Prefinal/Final Design

Complete Design Analyses

Review and Approve

Final Plans and  
Specifications

Review and Approve

Final Construction Schedule

Review and Approve

Construction Cost Estimate

Review and Comment

TASK III      REMEDIAL ACTION

RA Work Plan

Review and Approve

Project Delivery Strategy

Review and Approve

Construction Management Plan

Review and Approve

Construction Quality Assurance  
Plan

Review and Approve

Construction Health and Safety  
Plan/Contingency Plan

Review and Comment

Prefinal Construction  
Inspection Report

Review and Approve

Final Construction Report

Review and Approve

Remedial Action Report

Review and Approve

TASK IV OPERATION AND MAINTENANCE

Operation and Maintenance Plan

Review and Approve

Operation and Maintenance  
Manual

Review and Approve

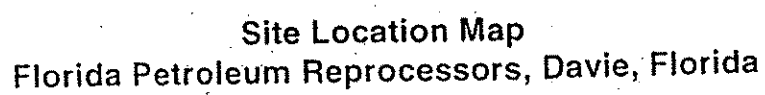
TASK V Monitoring

Performance Standards Verification  
Plan

Review and Approve

NOTE: Unless otherwise specified by the EPA Remedial Project Manager, 20 copies of each deliverable shall be submitted by the Settling Defendants. One copy shall be unbound, the remainder shall be bound.

# **APPENDIX C**



Florida Petroleum Reprocessors, Davie, Florida

# **APPENDIX D**

## **Appendix D - Settling Defendants**

United States Sugar Corporation

Becker Groves, Inc.

Bengal Motors, Inc.

Bill Branch Chevrolet, Inc.

Birdsall, Inc.

Bradford Marine, Inc.

Brevard County Board of County Commissioners

Bridgestone/Firestone North American Tire, LLC

Capeletti Brothers Enterprises, Inc.

Chevron Environmental Management Company, for itself and on behalf of Texaco, Inc., Chevron U.S.A., Inc., and Star Enterprise.

Clean Harbors Environmental Services, Inc.

Cliff Berry, Inc.

Evans Properties, Inc.

Exxon Mobil Corporation

Freightliner Trucks of South Florida, Inc.

The Goodyear Tire & Rubber Company

Harbor Branch Oceanographic Institution, Inc.

Hardrives of Delray, Inc.

Hollywood Lincoln Mercury, Inc.



City of Homestead

Hydro Aluminum Rockledge, LLC

Jim Powell Motors, Inc.

J.W. Cheatham, Inc.

Kirchman Oil Corporation

L.P. Evans Motors WPB, Inc.

Merrill-Stevens Dry Dock Company

Miami Dade College

Miami-Dade County

Montenay Power Corp.

Morse Operations, Inc.

New Hope Sugar Company

Okeelanta Corporation

Palm Beach County Board of County Commissioners

Pneumo Abex Corporation

Port Everglades, Department of Broward County

Rybovich Company, LLLP, f/k/a Spencer Boat Yard

Ryder Truck Rental, Inc.

SBG Farms, Inc.

School Board of Broward County, Florida

Sears, Roebuck, & Co.

Shell Oil Company

Southeast Interstate Services, Inc.

Sunrise Ford Company

Sysco Food Services of South Florida, Inc.

Tarmac America LLC

Thyssenkrupp Elevator Corporation f/k/a Miami Elevator Company

Tire Kingdom, Inc.

Tropical Shipping and Construction Co., Ltd.

Unocal Corporation

Vulcan Materials Company

Walpole, Inc.

Warren Wooten Ford, Inc.

# **APPENDIX E**

## Appendix E - Settling Federal Agencies

United States Coast Guard

United States Defense Logistics Agency

United States Navy

United States Postal Service

# **APPENDIX F**



United States  
Environmental Protection  
Agency

# EXPLANATION OF SIGNIFICANT DIFFERENCES FACT SHEET

## FLORIDA PETROLEUM REPROCESSORS SUPERFUND SITE

Davie, Broward County, Florida

September 2004

### Summary of Explanation of Significant Differences

Due to changes in the City of Fort Lauderdale's long-term use plans for the Peele-Dixie Wellfield ("the Wellfield"), EPA will gather additional groundwater data to further evaluate and determine the need to implement the entire remedy outlined in the March 2001 Record of Decision for the Florida Petroleum Reprocessors (FPR) Superfund site.

Current City plans call for the relocation of most of the drinking water pumping wells further northward, beyond the influence of the FPR site. In addition, the majority of the mass of contaminants at the FPR Site that once threatened the groundwater and Peele-Dixie Wellfield have been removed or treated in place. Groundwater contaminant levels in the wellfield have also dropped to safe levels below State and Federal Standards.

As a result, EPA plans initially to monitor the groundwater and the effects that pumping of groundwater from the northern wells may have on the FPR groundwater contaminant plume.

If the groundwater data demonstrate that Site-related VOC contamination will likely impact the Wellfield at levels exceeding MCLs and that there is a threat to human health and the environment, the Wellfield remedy will be implemented pursuant to the ROD, as described herein.

### Introduction

This Explanation of Significant Differences (ESD) for the Florida Petroleum Reprocessors (FPR) Site in Davie, Broward County, Florida, has been prepared by the Region 4 Office of the United States Environmental Protection Agency (EPA). The purpose of this ESD is to gather additional Site data to further evaluate and determine the need to implement the entire remedy selected in the March 1, 2001 Record of Decision (ROD) for the Site. Given the extensive current and planned future changes in the City of Fort Lauderdale's use and location of the drinking water production wells in the Peele-Dixie Wellfield ("the Wellfield"), the significant amount of cleanup work completed at the FPR Site to date, and the substantial reduction in groundwater contamination at the FPR Site, EPA has decided to gather additional groundwater data to verify the need for the construction and operation of an active treatment system for the "Wellfield Protection" component of the ROD (See ROD pages 90-92). Such data will either confirm the need for an active groundwater treatment system or demonstrate that the monitored natural attenuation component of the ROD can address the Wellfield portion of the Site. The EPA expects that a settlement in this matter will be reached in a matter of weeks. This is the first ESD that has been written for this Site.

This ESD is being issued as part of the public participation responsibilities under Section 117(c) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA), and Section 300.435(c)(2)(i) of the National Contingency Plan (NCP), 40 C.F.R. Part 300.

The Administrative Record contains documents used as the basis for the remedy selection at the Site, including the ROD and Responsiveness Summary. This ESD will become part of the Administrative Record in accordance with Section 300.825(a)(2) of the National Contingency Plan. The Administrative Record documents are available for public review and copying in the FPR Site information repository.

### **New Site Information Prompting ESD**

During January and February 2002, the City of Fort Lauderdale conveyed to EPA its intention to abandon the use of the existing network of groundwater extraction wells used to supply drinking water in the southern portion of the Peele-Dixie Wellfield and construct new wells roughly one mile to the northwest, in the corner of the Wellfield's current location. Modeling work conducted for the City in December 2001 demonstrated that it is no longer practical to pump groundwater from this southern area at the historical rate of seven million gallons per day due to significant water quality problems that would be caused by salt water intrusion into the Wellfield.<sup>1</sup> This modeling work indicated that pumping in the southern portion of the Wellfield at just two to five million gallons per day would cause serious salt water intrusion problems that would substantially limit the City's ability to withdraw additional volumes of water from other portions of the Wellfield to meet its daily drinking water needs. Pumping from production wells located predominantly in the northwest area of the Wellfield, however, would effectively eliminate the severe salt water intrusion impacts that would render the water undrinkable. Thus, the groundwater in the southern portion of the Peele-Dixie Wellfield, potentially threatened by salt water intrusion and the contamination existing north of the North New River Canal, will no longer be used as a source of drinking

water by the City of Fort Lauderdale. The EPA believes that existing Site-related volatile organic contamination (VOC) above maximum contaminant levels (MCLs) will not likely migrate northward to impact the new location of the Peele-Dixie Wellfield production wells, since groundwater contamination at the Site has been significantly reduced<sup>2</sup> and the cone of influence for the Wellfield will be located sufficiently north of the contamination.

Due to the planned discontinuation of the use of the existing production wells in the southern portion of the Peele-Dixie Wellfield, the significant reduction in groundwater contamination, and the minimization of the threat of Site-related VOC contamination above MCLs impacting the City's drinking water supply, there exists no current basis under CERCLA to implement the air stripper system pursuant to the Wellfield Protection component of the ROD at this time. Thus, groundwater data will be collected to determine if there is a need to construct an active groundwater treatment system or to implement monitored natural attenuation as the Wellfield remedy. If the groundwater data demonstrate that Site related VOC contamination will likely impact the Wellfield at levels exceeding MCLs and that there is a threat to human health or the environment, a Wellfield remedy will be implemented pursuant to the terms of the ROD and the Remedial Design/Remedial Action (RD/RA) Consent Decree that may include an active treatment system. EPA anticipates that this groundwater sampling work will be conducted for two to five years to gather data on the location and concentrations of Site related VOC contaminants, both prior to and after the new Wellfield begins full scale operation.

Pending the collection and analysis of the Wellfield groundwater data, the Wellfield portion of the Site will be effectively addressed through monitored natural attenuation. This use of monitored natural attenuation at the Site is identical to option "GW3" contained in the June 2000 Site Proposed Plan. Option GW3, which received no adverse public comments, was

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<sup>1</sup> These changes are also described in a variety of public documents, including correspondence and memoranda from the City's consultants dated December 2001 through March 2002 and the City's February 2001 Water and Wastewater Master Plan, which are included in the Administrative Record for the Site.

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<sup>2</sup> An additional round of groundwater sampling for the Site was completed in the Spring of 2003 and demonstrated further decreases in VOC contamination in the northern portion of the Site plume.

determined to be protective of human health and the environment and was projected to reduce contamination levels below MCLs within roughly 10 years for groundwater in the vicinity of the current Wellfield location. The time frame to reduce the potential threat to the Wellfield, however, will likely be much shorter given the significant reduction in Site contamination and the relocation of the Wellfield. The activities discussed in this ESD are designed to achieve the health-based Site cleanup levels and remedy performance goals listed in the ROD, the Scope of Work, and the proposed Consent Decree, to ensure that the interests of the citizens of Broward County remain protected.

### **Site Background Information**

The FPR Superfund Site<sup>3</sup> is located at 3211 SW 50th Avenue in Davie, Florida. Waste oil recycling operations were conducted under various names from 1977 to 1992. The facility is approximately 1 acre in size and is located in an industrial park immediately east of the Florida Turnpike, and approximately 0.5 mile south of Interstate 595 (I-595). The surrounding area is comprised of a mixture of land uses, including light industrial and commercial.

The Site overlies the Biscayne aquifer. This water-table aquifer is defined by the EPA as a sole source drinking water aquifer and is further defined by the Florida Department of Environmental Protection (FDEP) as a primary drinking water source, vulnerable to contamination, warranting a high degree of protection.

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<sup>3</sup> Pursuant to CERCLA, a site is defined not only as where hazardous wastes have been deposited (i.e., the facility), but also where the contaminants have come to migrate. This distinction is important at this Site since, although the facility is only about 1 acre in size, contaminants have been detected in the groundwater in an area over 800 acres in size. For the purposes of the ROD and this ESD, the term "facility" will be used to describe the FPR property, and the term "Site" will include not only the facility, but the full extent of groundwater contamination the response action is intended to address.

The primary threat posed by this Site is to the Biscayne aquifer and the drinking water resource that it provides to local municipalities, private utilities, and the Florida Seminole Tribe. However, although private wells were historically used for drinking water, users of private wells have since been provided with municipal water.

In addition to the contaminants that have been released from the FPR facility, a second source of groundwater contamination appears to be located along the south side of I-595, and east of the Florida Turnpike. This second source is the location of a former junkyard known as Starta Sales & Salvage that operated at the location from 1965 until 1974. Approximately 1,600 junk cars had been stored on the property at one time, with some of the junk cars being dumped into a water-filled borrow pit along the west side of the property. Automobile salvage and service businesses continued to operate at this location until 1984. The property was subsequently acquired by the Florida Department of Transportation (FDOT) in 1984 in advance of the construction of I-595 at this location in the late 1980s.

Operations were conducted at the FPR facility under various names, including Barry's Waste Oil, Oil Conservationist, Inc. (OCI), FPR, and South Florida Fuels. The FPR facility collected waste oil (i.e., used motor oil, surplus fuels, marine oils and slops, hydraulic oils, aviation oils, and fuels) from local automotive, agricultural, and marine facilities. Incoming waste oils were generally filtered and graded according to water content, and stored on-Site in large bulk tanks. The waste oil was typically sold as fuel or purchased by other waste oil marketers. Current records indicate that more than 15 million gallons of waste oil were processed at this facility.

Although little is known about the actual waste handling practices at the Site, studies conducted by EPA show that former operations at the facility resulted in the contamination of surface and subsurface soils and groundwater by oil and grease, organic chemicals common to gasoline, and chlorinated compounds. The studies showed that contaminants were present at the Site in a concentrated form floating on top of the water table, as well as in a dispersed form mixed with the underlying groundwater. Some contaminants appear to have migrated downward from



the land surface to a depth of 200 feet into the aquifer.

On March 1, 2001, EPA signed the ROD for the Site. The ROD describes the Site contamination and the approved cleanup methods to be used. A public meeting and a 30-day public comment period were held prior to finalizing the ROD. EPA responded to all substantive public comments in a Responsiveness Summary at the end of the ROD. The selected remedy includes:

### Selected Remedy

- \* Source Remediation: The pumping and treating of groundwater at the FPR facility that exceeds the State's natural attenuation default criteria, (if necessary);
- \* Monitored Natural Attenuation: Natural attenuation of the groundwater contaminants throughout the Site groundwater plume that exceed maximum contaminant levels (MCLs), along with long-term groundwater monitoring to ensure compliance with these levels;
- \* Wellfield Protection: Groundwater contaminants above MCLs contained in the northern portion of the Site plume would be collected and treated by an air stripping system if migration of such contamination occurs once pumping of the southern portion of the Wellfield resumes at historical levels.

Although the VOC contamination in the Wellfield has not exceeded MCLs for the past couple years, use of the wells in the southern portion of the Wellfield at historical pumping rates was projected to cause the northern part of the contaminant plume, which contains a compound exceeding its MCL, to migrate northward within the Wellfield's "cone of influence" or groundwater source, thus potentially increasing certain VOC levels above MCLs within the Wellfield. This contamination posed a potential threat due to the City of Fort Lauderdale's position that it needed to resume pumping within the southern portion of the Wellfield at historical levels to meet

the City's drinking water needs. The proposed air stripping remedy would effectively treat any Site-related VOC contamination above MCLs that reached the Wellfield.

### Response Actions To Date

In the spring of 1996, EPA's Emergency Response and Removal program conducted an assessment of the FPR facility. The abandoned facility contained 10 above-ground tanks and 24 drums in poor condition, which appeared to contain waste oil and wastewater. While the tanks and drums were within secondary containment areas, these structures had deteriorated. The contents of the tanks and drums were sampled, and the results indicated the presence of VOCs and other hazardous substances. EPA determined that an immediate response action was warranted to address the imminent threat posed by the tanks and drums and to stabilize the facility pending further evaluation. As a result of this action, all 10 tanks and an estimated 13,000 gallons of waste oil and 26,000 gallons of wastewater were removed from the Site. This work was conducted in 1997 pursuant to an Administrative Order on Consent (AOC) with U.S. Sugar Corporation, currently a member of the FPR potentially responsible party (PRP) Group.

EPA's contractor completed the field work for the remedial investigation (RI) for the FPR Site in April 1997 and issued a RI and feasibility study (FS) report in June 1998.

A second set of removal activities was conducted by the FPR PRPs in 1999 to address the highly contaminated soils ranging from ground surface to a depth of approximately 12 feet below ground surface. Contaminants removed included chlorinated VOCs and petroleum-related compounds. Approximately 6,000 tons of soil were removed for off-Site disposal. The excavated areas were filled in with clean soil.

A third set of removal activities was started by the FPR PRPs in November 2000 to address deep soil contamination and a zone of residual dense nonaqueous-phase liquid (DNAPL) in the northwestern portion of the facility, at a depth from 34 to 43 feet below ground surface. This material was

believed to represent a continual source of contamination to the Biscayne aquifer, the sole source of drinking water for Dade and Broward counties. An AOC and work plan are being implemented by the FPR PRPs to treat the residual DNAPL contamination using various chemical and biological materials.

### **Next Steps**

The EPA hopes to finalize negotiations on a Remedial Design/Remedial Action Consent Decree with the FPR PRPs within the next few weeks. After that, the Consent Decree will be lodged with the Court and offered for public notice and comment for 30 days. If, after public notice and comment, the United States continues to believe the Consent Decree is fair, reasonable and consistent with CERCLA, it will ask the Court to sign and enter the Consent Decree. After the completion of the remedial design work, EPA will hold a community meeting to discuss the schedule for implementing the Site work.

## **For more information, please contact...**

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aaron.cohen@dep.state.fl.us

## **Information Repositories**

Broward County Main Library  
100 South Andrews Avenue  
Ft. Lauderdale, FL 33301  
Hours: Mon-Thu (10am-9pm)  
Fri-Sat (9am-5pm)  
Sun (12:30pm-5:30pm)

U.S. EPA Region 4 Library  
Sam Nunn Federal Building  
Ninth Floor Reception Area  
61 Forsyth St., SW  
Atlanta, GA 30303  
(214) 665-6424  
Mon-Fri (8:30am - 4:30pm)



United States  
Environmental Protection  
Agency

Region 4  
Sam Nunn Federal Building  
61 Forsyth St SW  
Atlanta, GA 30303

## **Appendix H**

**UNITED STATES DISTRICT COURT  
SOUTHERN DISTRICT OF FLORIDA  
FORT LAUDERDALE DIVISION**

Case No. 05-61271-CV-Huck/Simonton

<b>UNITED STATES OF AMERICA,</b>	)
	)
<b>Plaintiff,</b>	)
	)
<b>v.</b>	)
	)
<b>UNITED STATES SUGAR</b>	)
<b>CORPORATION, et al.,</b>	)
	)
<b>Defendants.</b>	)
_____	)

**CITY OF FORT LAUDERDALE, FLORIDA'S  
BRIEF IN SUPPORT OF ITS MOTION TO INTERVENE**

**PRELIMINARY STATEMENT**

COMES NOW City of Fort Lauderdale, Florida ("the City"), and pursuant to Fed. R. Civ. P. 24(a)(2), 24(b)(2) and 42 U.S.C. § 9613, submits the following brief in support of its Motion to Intervene. The City should be allowed to intervene as a matter of right because it claims an interest relating to the property and transaction that is the subject of the underlying action, its interest is inadequately represented by the existing parties, and the City is so situated that disposition of the action without its involvement may, as a practical matter, impair or impede the City's ability to protect its interest. In the alternative, the City should be granted permissive intervention, as its claims are substantially related to the pending action.

**STATEMENT OF FACTS**

On July 29, 2005, the United States filed a Complaint ("the Complaint") under the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), 42 U.S.C. § 9601 *et seq.*, against approximately fifty-five (55) individuals and corporate entities

(collectively, “Defendants”), all of whom are responsible for the environmental contamination and cleanup that took place at the Florida Petroleum Reprocessors Superfund Site in Davie, Broward County, Florida (“the Site”).

The City owns real property, known as the Peele-Dixie Wellfield, located in Broward County, Florida, a portion of which has become contaminated by virtue of its proximity to the sources of hazardous substances that caused the extensive contamination at issue in this action. Accordingly, the southern portion of this wellfield, as well as the groundwater contamination resulting from named sources of hazardous substances on the Site, constitutes a portion of the Site at issue.<sup>1</sup>

The City has been foreclosed from operating portions of its wellfield for almost twenty years because of the extensive contamination of the Site. In addition, the City has incurred approximately \$1.4 million in direct CERCLA response costs associated with the Site, approximately \$900,000 of which has been reimbursed. Furthermore, the City has incurred additional dollars in indirect costs, none of which have been reimbursed. Finally, while the spread of the contamination may have stopped, there remains a distinct possibility that additional, future cleanup costs and damages will be incurred. By EPA’s own admission, a resumption in use of the southern wellfield would pull volatile organic compounds (“VOCs”) into the wellfield at concentrations above maximum contaminant levels, thereby re-contaminating the City’s drinking water supply at that location, jeopardizing the integrity of the northern wellfield, and leading to additional cleanup costs. *See* EPA, Region IV, Record of Decision for the Florida Petroleum Reprocessors Site, at 90-91 (March 2001).

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<sup>1</sup> The proposed Consent Decree includes in the definition of “Site” the “groundwater contamination originating from [the Florida Petroleum Reprocessors facility, located at 3211 SW 50th Avenue in Davie, Broward County, Florida, and an area along the south side of I-595 which formerly contained the Starta Sales & Salvage Junkyard and is now owned by the Florida Department of Transportation].” RD/RA Consent Decree, at 7-8. Additionally, the “Site” includes the portion of the Peele-Dixie Wellfield lying south of Peters Road. *Id.*

On December 2, 2005, the United States filed a Motion to Enter a Consent Decree (“the Motion”), in which it asks this Court to execute and enter a Consent Decree entered into by the United States and the Defendants. The Consent Decree provides broad “contribution protection” for the Defendants, meaning that if the Consent Decree is entered as proposed, the parties responsible for the contamination at the Site and the associated costs may not be required to reimburse the City for response costs it has already incurred. Moreover, the Consent Decree appears to suggest that the Defendants will not be required to reimburse the City for future costs associated with the contamination.

The City was not given the opportunity to participate in the negotiation of the proposed Consent Decree, yet its interests are materially impacted by its provisions. Accordingly, on September 15, 2005, the City notified the United States that it objected to the proposed Consent Decree for a number of reasons.<sup>2</sup> The United States requested that the City withdraw its September 15, 2005 objection, but the City refused and subsequently reiterated its objections by letter dated November 21, 2005.<sup>3</sup> Despite the City’s objections, on December 2, 2005, the United States requested this Court to enter the Consent Decree as drafted.

### **ARGUMENT AND CITATION OF AUTHORITY**

#### **I. The City Should Be Permitted to Intervene As Of Right.**

Pursuant to Fed. R. Civ. P. 24(a), a person shall be permitted to intervene if he (1) makes timely application to the Court, and (2) claims (a) an interest relating to the property or transaction that is the subject of the action, (b) that its ability to protect that interest may be

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<sup>2</sup> A copy of the Consent Decree was attached to the Complaint filed on July 29, 2005. There is a mandatory public comment period prescribed by 42 U.S.C. § 9622(d) and 28 C.F.R. § 50.7, in which the City made known its objections to the Consent Decree. A copy of the September 15, 2005 letter from the City to the United States is attached to the United States’ Brief in Support of Its Motion to Enter Consent Decree, at Exhibit 2.

<sup>3</sup> The City further clarified its opposition in a supplemental letter to the United States dated November 21, 2005, attached hereto at Exhibit 2. Pursuant to 42 U.S.C. § 9622(d)(2)(B), the Department of Justice is required to file with the court “any written comments, views, or allegations relating to the proposed judgment.” However, the City’s November 21, 2005 letter has been omitted from the DOJ’s submissions to this Court.



impaired or impeded by disposition of the underlying action, and (c) that its interest is not adequately represented by existing parties to the action. The standards set forth in Rule 24 are to be construed liberally, and any doubts regarding whether intervention is appropriate are to be resolved in favor of the proposed intervenor. *See, e.g., Sierra Club v. Robertson*, 960 F.2d 83, 86 (8<sup>th</sup> Cir. 1992) (doubts resolved in favor of proposed intervenor); *Pension Benefit Guaranty Corp. v. Slater Steels Corp.*, 220 F.R.D. 339, 341 (N.D. Ind. 2004) (“Rule 24 should be liberally construed in favor of potential intervenors.”).

CERCLA also explicitly provides a right of interested parties to intervene. *See* 42 U.S.C. § 9613(i). The factors listed in 42 U.S.C. § 9613(i) are identical to those listed in Fed. R. Civ. P. 24(a)(2). The only difference with respect to the application of the two statutes is that where, as here, the underlying claim is brought pursuant to CERCLA, the government, as opposed to the proposed-intervenor, bears the burden of proving that the intervenor’s interest is already adequately represented by existing parties. *United States v. City of Glen Cove*, 221 F.R.D. 370 (E.D. N.Y. 2004). Intervention in CERCLA cases is common in the federal courts. *See, e.g., id.*; *United States v. Union Elec. Co.*, 64 F.3d 1152 (8th Cir. 1995); *United States v. Acton Corp.*, 131 F.R.D. 431 (D. N.J. 1990).

**A. The City Has A Substantial Interest In The Subject Of The Underlying Action.**

The City owns real property constituting a portion of the Site that is at issue in the proposed Consent Decree. The City therefore has a direct interest unmistakably relating to the property that is the subject of the underlying action. In addition, because it has a right to contribution from PRPs associated with the Site for CERCLA response costs incurred or to be incurred in connection with the Site, the City has a mature, legally protectable interest in the subject of the underlying action. *See United States v. Union Electric Co.*, 64 F.3d 1152, 1162-63

(8th Cir. 1995) (quoting *United States v. Alcan Aluminum, Inc.*, 25 F.3d 1174, 1184 (3d Cir. 1994)).

**B. The City's Interests May Be Impaired Or Impeded By Disposition Of The Underlying Action.**

The proposed Consent Decree would implement EPA's plan for final remediation of the Site, including the remediation of City-owned property that constitutes a portion of the Site. As such, the Consent Decree will determine the extent to which the City's wellfield, and therefore a portion of the City's drinking water supply, will be able to be returned to productive use. Entry of the Consent Decree without the City's involvement in the underlying action would significantly impair the City's ability to contribute to a determination as to what response action(s) are necessary for the preservation of its property values on behalf of its citizens. In addition, entry of the Consent Decree as proposed would extinguish the City's right to contribution from the PRPs granted under CERCLA for any past or future response costs associated with the Site.<sup>4</sup> Therefore, the City's interests will be significantly impaired or impeded, as a practical matter, by disposition of the underlying action.

**C. The City's Motion To Intervene Is Timely.**

This litigation was initiated in late July of this year. The only issue before the Court is the United States' Motion for Entry of the Consent Decree, which was filed on December 2, 2005. Thus, the City's application to intervene easily satisfies the requirement that intervention be "timely." Although the timeliness determination of a motion to intervene is left to the discretion of the trial court, *see McDonald v. E.J. Lavino Co. et al.*, 430 F.2d 1065, 1074 (5<sup>th</sup> Cir.

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<sup>4</sup> The proposed Consent Decree grants the settling parties protection from contribution actions or claims for "all response actions taken or to be taken and all response costs incurred or to be incurred by the United States or any other person, including the City of Ft. Lauderdale, Florida, relating to the Site." See Section XXIII, Para. 108 of the proposed Consent Decree.

1970),<sup>5</sup> this Circuit has adopted a four-factor test to determine the timeliness of an application for intervention. *Campbell v. Hall-Mark Electronics Corp.*, 808 F.2d 775, 777 (11th Cir. 1987). These four factors include: (1) the length of time during which the would-be intervenor knew or reasonably should have known of his interest in the case before he petitioned for leave to intervene; (2) the extent of prejudice to the existing parties as a result of the would-be intervenor's failure to apply as soon as he knew or reasonably should have known of his interest; (3) the extent of prejudice to the would-be intervenor if his petition is denied; and (4) the existence of unusual circumstances militating either for or against a determination that the application is timely. *Id.*; accord *Stallworth v. Monsanto Co.*, 558 F.2d 257 (5th Cir. 1977).

Here, the City has moved to intervene within ten business days of the filing of the United States' Motion. While the Complaint was filed in July of this year, the City timely notified the United States of the City's objections to the proposed Consent Decree during the public comment period provided under CERCLA and diligently maintained its objections through communications with the United States up to the point at which the United States moved this Court to enter the Consent Decree on December 2, 2005.

Moreover, no prejudice will result to any existing parties given the current procedural posture of the case, as the City simply wishes to have a voice in the litigation so its objections to the proposed Consent Decree may be heard and considered by the Court.<sup>6</sup> On the other hand, as

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<sup>5</sup> Decisions of the Fifth Circuit rendered prior to September 30, 1981 have been adopted as binding precedent by the Eleventh Circuit. *Bonner v. City of Prichard*, 661 F.2d 1206, 1207 (11<sup>th</sup> Cir. 1981). The specific language from *McDonald* is "[t]imeliness is not a word of exactitude or of precisely measureable dimensions. The requirement of timeliness must have accommodating flexibility toward both the court and the litigants if it is to be successfully employed to regulate intervention in the interest of justice." (internal quotations omitted). *McDonald*, 430 F.2d at 1074.

<sup>6</sup> The City proposes that if it is permitted to intervene, the Court should allow the City ten (10) business days from the date its Motion to Intervene is granted to file the City's Brief in Opposition to the Entry of the Proposed Consent Decree, in which the City will set forth, in detail, its objections to the Consent Decree. This will be within the language and spirit of this Court's Local Rule 7.1(C), which allows ten (10) days to respond to an opposing party's Motion before the Court. Moreover, it will serve to minimize any alleged prejudice to the existing parties.

explained in Part B, *supra*, the City will be prejudiced significantly if it is not permitted to intervene to protect its interests in the underlying action. In light of the foregoing, the City's motion to intervene meets the timeliness standard imposed by Rule 24.

**D. The City's Interests Are Not Adequately Represented By The Current Parties.**

It cannot be disputed that the City has an interest in recovering cleanup costs incurred to date, and an interest in protecting its right to pursue contribution for additional cleanup costs it may incur in the future. The United States, in its Brief in Support of the Motion, acknowledges that (1) the City incurred more than \$1 million in response costs (Brief at 14); (2) under the proposed Consent Decree, the City would forego its right to collect more than \$200,000.00 of previously-incurred cleanup costs (Brief at 15); and (3) under the proposed Consent Decree, the City would forego its right to collect future cleanup costs (Brief at 16).<sup>7</sup> As such, it seems clear that the United States is not adequately representing the City's interest in this action.

With respect to future cleanup costs, the United States suggests that "it is difficult to imagine what future cleanup costs the City would incur associated with the wellfield." (Brief at 16). However, the City outlined potential future cleanup costs, as well as shortcomings regarding cleanup efforts planned for or undertaken to date, in its November 21, 2005 letter to the United States.<sup>8</sup> Thus, while the United States may disagree with the City that future cleanup costs are likely to be incurred, the United States had notice of the City's contentions well before it filed its Motion. The United States' refusal to acknowledge that correspondence, and the contentions set forth therein, further demonstrates that the City's interests are not represented in this case. In light of the foregoing, the City has demonstrated that intervention is appropriate.

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<sup>7</sup> Note that the City alleges that it has incurred more than \$1.4 million in cleanup costs at the Site, and therefore, under the City's calculations, the Proposed Consent Decree would deny the City its rights to collect more than \$400,000.00 of its already-incurred cleanup costs.

<sup>8</sup> A copy of that correspondence is attached hereto as Exhibit 2.

**II. In The Alternative, The City Should Be Allowed To Permissively Intervene.**

Should the Court determine that the City has not met the standards for intervention as of right under Rule 24(a)(2) and 42 U.S.C. § 9613(i), the City then requests that the Court permit it to permissively intervene in the action pursuant to Rule 24(b)(2) given that the City's claims in this matter have questions of law and fact in common with the pending action and, as set forth above, the City's intervention in this recently-filed proceeding will not unduly delay or prejudice the rights of the original parties. *See Walker v. Jim Dandy Co.*, 747 F.2d 1360, 1365 (11th Cir. 1984); *Stallworth v. Monsanto Co.*, 558 F.2d 257, 269 (5th Cir. 1977).

**CONCLUSION**

For all of the foregoing reasons, the City respectfully requests that the Court grant its motion, and that the City be aligned as a defendant in the above-styled action. In accordance with Rule 24(c), the City has attached to its brief as Exhibit 1 the pleading asserting its claim for which intervention is sought.<sup>9</sup>

Respectfully submitted this 19th day of December, 2005.



HARRY A. STEWART  
Florida Bar No. 0176376

100 North Andrews Avenue  
Ft. Lauderdale, Florida 33301  
Telephone: (954) 828-5037  
Facsimile: (954) 828-5915

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<sup>9</sup> The City asks the Court to note that while the procedural requirements of Rule 24 require an initial pleading to be attached, the intervention provisions of CERCLA, 42 U.S.C. § 9613(i), contain no similar requirement. Therefore, because the City has not been named as a Defendant, the responsive, "Proposed Answer" attached at Exhibit 1 may not directly apply to the allegations contained in the Complaint. However, out of an abundance of caution, the City has attached its Proposed Answer in order to prevent any potential procedural deficiencies.

Of Counsel:  
**TROUTMAN SANDERS LLP**

WILLIAM M. DROZE  
HOLLISTER A. HILL  
ANDREA L. RIMER

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600 Peachtree Street, N.E.  
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Atlanta, Georgia 30308-2216  
Telephone: (404) 885-3000

**VERIFICATION PURSUANT TO LOCAL RULE 7.1**

I, Andrea Rimer, hereby certify that I have conferred with all parties who may be affected by the relief sought in the motion in a good faith effort to resolve by agreement the issues raised in the motion. Specifically, on or before Thursday, December 15, 2005, I have conferred by telephone with the attorneys of record in this matter:

Amy Gillespie, counsel for the United States  
Environmental Enforcement Section  
Environment and Natural Resources Division  
U.S. Department of Justice  
P.O. Box 7611  
Washington, D.C. 20044-7611  
Phone: (202) 616-8754  
Fax: (202) 514-2583

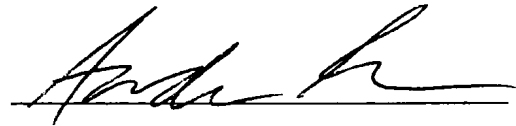
Roger Wood, counsel for Florida Dept. of Transportation  
Office of General Counsel  
Florida Department of Transportation  
605 Suwannee Street, M.S. 58  
Tallahassee, FL 32399  
Phone: (850) 414-5385

Matt Coglianese, counsel for the Settling Defendants/Major PRPs  
Bilzin, Sumberg, Baena, Price & Axelrod  
200 South Biscayne Boulevard, Suite 2500  
Miami, FL 33131  
Phone: (305) 374-7580

R.L. Caleen, counsel for the Paul Entities  
1725 Mahan Drive, Suite 201  
Post Office Box 15828  
Tallahassee, FL 32317-5828  
Phone: (850) 671-2644

In response, I have been advised by Mr. Matt Coglianese, counsel for the Settling Defendants, that his clients oppose this motion. Mr. R.L. Caleen, counsel for the Paul Entities, has informed me that he intends to follow the lead of the Settling Defendants, and thus will likely

oppose this motion. In addition, I have been advised by Ms. Amy Gillespie, counsel for the United States, that the United States is unable to either consent or oppose the motion at this time. Similarly, Mr. Roger Wood, counsel for the Florida Department of Transportation, was unable to state a position on the motion at the time of the telephone conference. Thus, although I have made reasonable effort to resolve the issues raised in the motion with each party listed above, I have been unable to reach any agreement with the same.

A handwritten signature in black ink, appearing to read 'Andrea L. Rimer', written over a horizontal line.

Andrea L. Rimer  
Troutman Sanders LLP  
600 Peachtree Street, NE  
Suite 5200  
Atlanta, GA 30308  
Phone: (404) 885-3265



# **EXHIBIT 1**

**UNITED STATES DISTRICT COURT  
SOUTHERN DISTRICT OF FLORIDA  
FORT LAUDERDALE DIVISION**

Case No. 05-61271-CV-Huck/Simonton

<b>UNITED STATES OF AMERICA,</b>	)	
	)	
<b>Plaintiff,</b>	)	
	)	
<b>v.</b>	)	
	)	
<b>UNITED STATES SUGAR</b>	)	
<b>CORPORATION, et al.,</b>	)	
	)	
<b>Defendants.</b>	)	
_____	)	

**PROPOSED INTERVENOR CITY OF FORT LAUDERDALE,**  
**FLORIDA’S ANSWER TO COMPLAINT**

COMES NOW Proposed Intervenor, City of Fort Lauderdale, Florida (“the City”) and pursuant to Federal Rule of Civil Procedure 24(c), hereby submits this its proposed Answer to the United States of America’s Complaint.

**FIRST DEFENSE**

The City responds to each of the enumerated Paragraphs set forth in the Complaint as follows:

**NATURE OF THE ACTION**

1.

In response to Paragraph 1 of the Complaint, the City responds that the Complaints sets forth legal conclusions and the reasons for which the United States initiated this action, requiring no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

## JURISDICTION AND VENUE

2.

The City admits that jurisdiction is proper as alleged in Paragraph 2 as they relate to the City, should the City be allowed to intervene. The City is without knowledge sufficient to either admit or deny the remaining allegations contained in Paragraph 2 with respect to the remaining parties; to the extent an answer is deemed required, said paragraph is otherwise denied.

3.

The City admits that venue is proper as alleged in Paragraph 3 as they relate to the City, should the City be allowed to intervene. The City is without knowledge sufficient to either admit or deny the remaining allegations contained in Paragraph 2 with respect to the remaining parties; to the extent an answer is deemed required, said paragraph is otherwise denied.

## THE SITE

4.

The City admits that the United States purports to define “the Site” in the manner prescribed in Paragraph 4. The City is without knowledge sufficient to either admit or deny the sufficiency of that definition; to the extent an answer is deemed required, said paragraph is otherwise denied.

5.

The City admits that the United States purports to define “the Site” in the manner prescribed in Paragraph 5. The City is without knowledge sufficient to either admit or deny the sufficiency of that definition; to the extent an answer is deemed required, said paragraph is otherwise denied.

6.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 6; to the extent an answer is deemed required, said paragraph is denied.

7.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 7; to the extent an answer is deemed required, said paragraph is denied.

8.

The City admits the allegations contained in Paragraph 8.

9.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 9; to the extent an answer is deemed required, said paragraph is denied.

10.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 10; to the extent an answer is deemed required, said paragraph is denied.

11.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 11; to the extent an answer is deemed required, said paragraph is denied.

12.

The City admits the allegations contained in Paragraph 12.

13.

The City admits that it implemented interim remedial measures at the Site. The City denies the remaining allegations contained in Paragraph 13.

14.

The City admits the allegations contained in Paragraph 14.

15.

The City admits that EPA commenced a Remedial Investigation and Feasibility Study at the Site in August 1995. The City is without knowledge or information sufficient to either admit or deny the remaining allegations contained in Paragraph 15; to the extent an answer is deemed required, said allegations are denied.

16.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 16; to the extent an answer is deemed required, said paragraph is denied.

17.

The City admits that EPA issued an RI/FS report in June 1998. The City is without knowledge or information sufficient to either admit or deny the remaining allegations contained in Paragraph 17; to the extent an answer is deemed required, said allegations are denied.

18.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 18; to the extent an answer is deemed required, said

paragraph is denied.

19.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 19; to the extent an answer is deemed required, said paragraph is denied.

20.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 20; to the extent an answer is deemed required, said paragraph is denied.

21.

The City admits that EPA issued a Proposed Plan in June 2000 and a final Record of Decision on March 1, 2001. The City is without knowledge or information sufficient to either admit or deny the remaining allegations contained in Paragraph 21; to the extent an answer is deemed required, said allegations are denied.

22.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 22; to the extent an answer is deemed required, said paragraph is denied.

#### DEFENDANTS

23.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 23; to the extent an answer is deemed required, said paragraph is denied.

24.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 24; to the extent an answer is deemed required, said paragraph is denied.

25.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 25; to the extent an answer is deemed required, said paragraph is denied.

26.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 26; to the extent an answer is deemed required, said paragraph is denied.

27.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 27; to the extent an answer is deemed required, said paragraph is denied.

28.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 28; to the extent an answer is deemed required, said paragraph is denied.

29.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 29; to the extent an answer is deemed required, said

paragraph is denied.

30.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 30; to the extent an answer is deemed required, said paragraph is denied.

31.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 31; to the extent an answer is deemed required, said paragraph is denied.

32.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 32; to the extent an answer is deemed required, said paragraph is denied.

33.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 33; to the extent an answer is deemed required, said paragraph is denied.

34.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 34; to the extent an answer is deemed required, said paragraph is denied.

35.

The City is without knowledge or information sufficient to either admit or deny the



allegations contained in Paragraph 35; to the extent an answer is deemed required, said paragraph is denied.

36.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 36; to the extent an answer is deemed required, said paragraph is denied.

37.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 37; to the extent an answer is deemed required, said paragraph is denied.

38.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 38; to the extent an answer is deemed required, said paragraph is denied.

39.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 39; to the extent an answer is deemed required, said paragraph is denied.

40.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 40; to the extent an answer is deemed required, said paragraph is denied.

41.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 41; to the extent an answer is deemed required, said paragraph is denied.

42.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 42; to the extent an answer is deemed required, said paragraph is denied.

43.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 43; to the extent an answer is deemed required, said paragraph is denied.

44.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 44; to the extent an answer is deemed required, said paragraph is denied.

45.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 45; to the extent an answer is deemed required, said paragraph is denied.

46.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 46; to the extent an answer is deemed required, said

paragraph is denied.

47.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 47; to the extent an answer is deemed required, said paragraph is denied.

48.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 48; to the extent an answer is deemed required, said paragraph is denied.

49.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 49; to the extent an answer is deemed required, said paragraph is denied.

50.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 50; to the extent an answer is deemed required, said paragraph is denied.

51.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 51; to the extent an answer is deemed required, said paragraph is denied.

52.

The City is without knowledge or information sufficient to either admit or deny the

allegations contained in Paragraph 52; to the extent an answer is deemed required, said paragraph is denied.

53.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 53; to the extent an answer is deemed required, said paragraph is denied.

54.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 54; to the extent an answer is deemed required, said paragraph is denied.

55.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 55; to the extent an answer is deemed required, said paragraph is denied.

56.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 56; to the extent an answer is deemed required, said paragraph is denied.

57.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 57; to the extent an answer is deemed required, said paragraph is denied.

58.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 58; to the extent an answer is deemed required, said paragraph is denied.

59.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 59; to the extent an answer is deemed required, said paragraph is denied.

60.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 60; to the extent an answer is deemed required, said paragraph is denied.

61.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 61; to the extent an answer is deemed required, said paragraph is denied.

62.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 62; to the extent an answer is deemed required, said paragraph is denied.

63.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 63; to the extent an answer is deemed required, said

paragraph is denied.

64.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 64; to the extent an answer is deemed required, said paragraph is denied.

65.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 65; to the extent an answer is deemed required, said paragraph is denied.

66.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 66; to the extent an answer is deemed required, said paragraph is denied.

67.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 67; to the extent an answer is deemed required, said paragraph is denied.

68.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 68; to the extent an answer is deemed required, said paragraph is denied.

69.

The City is without knowledge or information sufficient to either admit or deny the

allegations contained in Paragraph 69; to the extent an answer is deemed required, said paragraph is denied.

70.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 70; to the extent an answer is deemed required, said paragraph is denied.

71.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 71; to the extent an answer is deemed required, said paragraph is denied.

72.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 72; to the extent an answer is deemed required, said paragraph is denied.

73.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 73; to the extent an answer is deemed required, said paragraph is denied.

74.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 74; to the extent an answer is deemed required, said paragraph is denied.

75.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 75; to the extent an answer is deemed required, said paragraph is denied.

76.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 76; to the extent an answer is deemed required, said paragraph is denied.

77.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 77; to the extent an answer is deemed required, said paragraph is denied.

78.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 78; to the extent an answer is deemed required, said paragraph is denied.

79.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 79; to the extent an answer is deemed required, said paragraph is denied.

CERCLA STATUTORY SCHEME

80.

Paragraph 80 sets forth legal conclusions and the reasons for which the United States



initiated this action and requires no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

81.

Paragraph 81 sets forth legal conclusions and the reasons for which the United States initiated this action and requires no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

82.

Paragraph 82 sets forth legal conclusions and the reasons for which the United States initiated this action and requires no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

83.

Paragraph 83 sets forth legal conclusions and the reasons for which the United States initiated this action and requires no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

84.

Paragraph 84 sets forth legal conclusions and the reasons for which the United States initiated this action and requires no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

85.

Paragraph 85 sets forth legal conclusions and the reasons for which the United States initiated this action and requires no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

86.

Paragraph 86 sets forth legal conclusions and the reasons for which the United States initiated this action and requires no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

GENERAL ALLEGATIONS

87.

Paragraph 87 sets forth legal conclusions and the reasons for which the United States initiated this action and requires no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

88.

Paragraph 88 sets forth legal conclusions and the reasons for which the United States initiated this action and requires no response of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

89.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 89; to the extent an answer is deemed required, said paragraph is denied.

90.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 90; to the extent an answer is deemed required, said paragraph is denied.

91.

The City is without knowledge or information sufficient to either admit or deny the

allegations contained in Paragraph 91; to the extent an answer is deemed required, said paragraph is denied.

92.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 92; to the extent an answer is deemed required, said paragraph is denied.

93.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 93; to the extent an answer is deemed required, said paragraph is denied.

94.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 94; to the extent an answer is deemed required, said paragraph is denied.

95.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 95; to the extent an answer is deemed required, said paragraph is denied.

96.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 96; to the extent an answer is deemed required, said paragraph is denied.

97.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 97; to the extent an answer is deemed required, said paragraph is denied.

98.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 98; to the extent an answer is deemed required, said paragraph is denied.

99.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 99; to the extent an answer is deemed required, said paragraph is denied.

100.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 100; to the extent an answer is deemed required, said paragraph is denied.

101.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 101; to the extent an answer is deemed required, said paragraph is denied.

102.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 102; to the extent an answer is deemed required, said

paragraph is denied.

103.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 103; to the extent an answer is deemed required, said paragraph is denied.

104.

The City admits that EPA conducted some cleanup actions at the Site. With regard to the remaining allegations of Paragraph 104, said allegations set forth legal conclusions requiring no answer of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

105.

Paragraph 105 of the Complaint sets forth legal conclusions and the reasons for which the United States initiated this action and require no answer of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

106.

Paragraph 106 of the Complaint sets forth legal conclusions and the reasons for which the United States initiated this action and require no answer of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

107.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 107; to the extent an answer is deemed required, said paragraph is denied.

108.

Paragraph 108 of the Complaint sets forth legal conclusions and the reasons for which the

United States initiated this action and require no answer of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

CLAIM ONE

109.

The City hereby incorporates its affirmative defenses and its response to Paragraphs 1 through 108 as if fully stated herein.

110.

Paragraph 110 of the Complaint sets forth legal conclusions and the reasons for which the United States initiated this action and require no answer of this Defendant; to the extent an answer is deemed required, said paragraph is denied.

111.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 111 as they relate to the named defendants; to the extent an answer is deemed required, said allegations are denied. The City denies the allegations of Paragraph 111 to the extent they apply to the City.

CLAIM TWO

112.

The City hereby incorporates its affirmative defenses and its response to Paragraphs 1 through 111 as if fully stated herein.

113.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 113; to the extent an answer is deemed required, said paragraph is denied.

114.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 114; to the extent an answer is deemed required, said paragraph is denied.

115.

The City is without knowledge or information sufficient to either admit or deny the allegations contained in Paragraph 115 as they relate to the named defendants; to the extent an answer is deemed required, said allegations are denied. The City denies the allegations of Paragraph 115 to the extent they apply to the City.

The City expressly denies any allegations contained in the Complaint which are not specifically and expressly admitted in Paragraphs 1 through 115 of its Answer.

### **AFFIRMATIVE DEFENSES**

#### **FIRST AFFIRMATIVE DEFENSE**

The Complaint fails to state a claim upon which relief can be granted as against the City.

#### **SECOND AFFIRMATIVE DEFENSE**

The Complaint fails to add indispensable and/or necessary parties to the action.

#### **THIRD AFFIRMATIVE DEFENSE**

The United States has failed to exhaust its administrative remedies insofar as the City's objections to the proposed consent decree have been disregarded.

The City hereby reserves any unstated affirmative defense that may be available to it or that may become available to it at a later date.

### **CONDITIONAL COUNTERCLAIM**

COMES NOW the City of Fort Lauderdale, and pursuant to Fed.R.Civ.P. 13 states as its

conditional counterclaim, out of an abundance of caution, the following:

1.

This Court has jurisdiction and venue over the United States Environmental Protection Agency (“EPA”) pursuant to the Administrative Procedure Act, and the filing of this action.

2.

The City is aggrieved of the proposed Consent Decree which represents final agency action submitted to this Court for review.

3.

The City timely submitted its objections to the proposed agency action.

4.

If , and only to the extent, that this Court should determine that further administrative scrutiny of the proposed Consent Decree is required, and to furnish this Court with the procedural vehicle by which to remand this matter to the agency, the City asserts this Counterclaim in an abundance of caution and to avoid any waiver of its rights to obtain review of the final action off the agency.

**WHEREFORE**, the City respectfully prays that:

(1) The Court grant its Motion to Intervene as a matter of right, or, in the alternative, that the Court permit it to intervene;

(2) The Court allow the City to fully brief and state its opposition and objections to the entry of the Proposed Consent Decree in this case; and

(3) The Court grant the City such other relief as this Court may deem just and proper.

This 19<sup>th</sup> day of December, 2005.



Respectfully submitted this 19th day of December, 2005.

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Florida Bar No. 0176376

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## **EXHIBIT 2**

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November 21, 2005

**BY FACSIMILE AND**  
**FIRST CLASS MAIL**

Amy R. Gillespie, Esq.  
U.S. Dept. of Justice  
Environmental Enforcement Section  
P.O. Box 7611  
Washington, DC 20044-7611

RE: United States v. U.S. Sugar Corporation  
Florida Petroleum Reprocessors Site  
Proposed RD/RA Consent Decree

Dear Amy:

Thank you for your October 7, 2005 letter regarding the City of Ft. Lauderdale's comments on the proposed RD/RA Consent Decree ("Consent Decree") for the Florida Petroleum Reprocessors (FPR) Superfund Site, and for taking the time to speak with me about the Site. The City has carefully considered your request to withdraw its September 15, 2005 letter, but must decline to withdraw its comments for the reasons discussed below.

As you know, VOC contamination originating from the FPR Site was discovered in production wells at the City's Peele-Dixie Wellfield in 1986. In order to halt the spread of contamination and protect the northern portion of the wellfield from additional migration, the City was forced to progressively limit, then cease, pumping from many of the wells located in the southern portion of its wellfield. The City also constructed and operated a \$1 million groundwater recovery and air stripper system for many years as an interim removal measure, pursuant to a Consent Order with EPA.

As of January 2003, the City estimated that it had incurred approximately \$1.4 million in direct CERCLA response costs associated with the construction and operation of the stripper system.<sup>1</sup> In addition, the City has incurred other direct and indirect costs in connection with the

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<sup>1</sup> See January 22, 2003 letter from Andrea Rimer to Rudy Tanasijevich. EPA and the City later agreed that for

Amy R. Gillespie, Esq.  
November 21, 2005  
Page 2

contamination, and has been without the full production capacity of the southern wellfield for almost twenty years. The City has been forced to compensate for this loss by operating its other production facilities at higher levels and installing new wells in locations less likely to be impacted by the contamination originating from the FPR Site. Although the City has been partially compensated for its direct costs through entry into various settlements with EPA and de minimis parties, the City's total reimbursement under these settlements is projected to be only \$984,000, as you discuss in your letter. While the City appreciates EPA's efforts to assist it in making a partial recovery of its CERCLA response costs, this amount covers only a fraction of its response costs, and doesn't even begin to compensate the City for its other costs and damages, including the continuing lost use of the wellfield.

Over the years, the City has attempted to work with EPA and the Settling Defendants on many occasions to address the Settling Defendants' liability to the City and achieve a resolution that will be protective of the wellfield and the best interests of its citizens and taxpayers. While the City has entered into settlements with EPA and various de minimis parties, the City was not given the opportunity to participate in the current Consent Decree, and has not reached a resolution of either its CERCLA or non-CERCLA damages with any of the responsible parties under the Consent Decree.

EPA, however, seeks to foreclose the City's ability to recover its past and future response costs in the Consent Decree, granting each party protection from contribution actions or claims for "all response actions taken or to be taken and all response costs incurred or to be incurred by the United States or any other person, including the City of Fort Lauderdale, Florida, relating to the Site."<sup>2</sup> Although you have explained that the intent of the provision is to cover only CERCLA "response costs," case law indicates that such a broad grant of contribution protection could potentially be misinterpreted to provide protection against not only CERCLA claims, but non-CERCLA state law and common law claims as well. Given the damages the City has suffered and continues to suffer, EPA's broad grant of contribution protection is entirely inappropriate and poses an unacceptable risk to the interests of the City and its citizens.

The City has, over time, expressed its increasing concern that EPA would negotiate a broad grant of contribution protection, including protection against all past and future costs, with the Settling Defendants in order to facilitate its settlement with these parties. Based on conversations with EPA and our review of a March 2003 draft of the Consent Decree, it was our understanding that EPA was only planning to offer the Settling Defendants a more narrow scope of contribution protection, including only those future costs incurred under the scope of work,

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purposes of the de minimis settlements only, the City would be entitled to recover up to \$1.2 million of this amount.

<sup>2</sup> See Section XXIII, Paragraph 108 of the Consent Decree (*emphasis added*).

## **Appendix I**

**UNITED STATES DISTRICT COURT  
SOUTHERN DISTRICT OF FLORIDA  
FORT LAUDERDALE DIVISION**

Case No. 05-61271-CV-Huck/Simonton

<b>UNITED STATES OF AMERICA,</b>	)	
	)	
<b>Plaintiff,</b>	)	
	)	
<b>v.</b>	)	
	)	
<b>UNITED STATES SUGAR</b>	)	
<b>CORPORATION, et al.,</b>	)	
	)	
<b>Defendants.</b>	)	
_____	)	

**CITY OF FORT LAUDERDALE, FLORIDA'S**  
**MOTION TO INTERVENE**

COMES NOW City of Fort Lauderdale, Florida ("the City"), and pursuant to Fed. R. Civ. P. 24(a)(2), 24(b)(2) and 42 U.S.C. § 9613, respectfully moves to intervene in this case. The City should be allowed to intervene as a matter of right because it claims an interest relating to the property and transaction that is the subject of the underlying action, the City's interest is inadequately represented by the existing parties, and the City is so situated that disposition of the action without its involvement may, as a practical matter, impair or impede the City's ability to protect its interest. In the alternative, the City should be granted permissive intervention, as its claims are substantially related to the pending action.

The grounds for this Motion are more fully set forth in the City's Brief in Support of its Motion, filed contemporaneously herewith.

This 19<sup>th</sup> day of December, 2005.

A handwritten signature in black ink, appearing to read 'H. Stewart', written over a horizontal line.

HARRY A. STEWART

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UNITED STATES DISTRICT COURT  
SOUTHERN DISTRICT OF FLORIDA  
FORT LAUDERDALE DIVISION

Case No. 05-61271-CV-Huck/Simonton

UNITED STATES OF AMERICA,	)
	)
Plaintiff,	)
v.	)
	)
UNITED STATES SUGAR	)
CORPORATION, et al.,	)
	)
Defendants.	)

CERTIFICATE OF SERVICE

I, Harry A. Stewart, hereby certify and declare that on December 20, 2005, I served a true and correct copy of the attached documents, CITY OF FORT LAUDERDALE'S MOTION TO INTERVENE and CITY OF FORT LAUDERDALE'S BRIEF IN SUPPORT OF ITS MOTION TO INTERVENE, to the addressees listed below by United States mail.

AMY R. GILLESPIE, counsel for the United States  
Environmental Enforcement Section  
Environmental and Natural Resources Division  
U.S. Department of Justice  
P.O. Box 7611  
Washington, DC 20044-7611

and

RUDOLPH C. TANASIJEVICH  
Associate Regional Counsel  
U.S. Environmental Protection Agency - Region 4  
Atlanta Federal Center  
61 Forsyth St., S.W.  
Atlanta, GA 30303

and

MARILYNN K. LINDSEY  
Assistant United States Attorney



Southern District of Florida  
Office of the United States Attorney  
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and

MATTHEW COGLIANESE, counsel for the Settling Defendants/  
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and


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By

  
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