

Contamination Screening Evaluation Report

SR-9/I-95 from South of SW 10th Street (MP 22.00)
To North of Hillsboro Boulevard (MP 25.10)
Project Development & Environment Study
Broward County, Florida

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The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by FDOT pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated December 14, 2016, and executed by FHWA and FDOT.

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EXECUTIVE SUMMARY

The Florida Department of Transportation (FDOT) District Four is conducting a Project Development and Environment (PD&E) Study, in accordance with the National Environmental Policy Act (NEPA), to assess potential operational and safety improvements along 3.1 miles of Interstate 95 (I-95), from just south of the NE 48th Street [Mile Post (MP) 22.0] to just north of the Hillsboro Boulevard interchange (MP 25.10), in Broward County, Florida. Presently, the No-Action Alternative and several Build Alternatives are being considered as part of this PD&E Study.

The Contamination Screening Evaluation Report (CSER) was prepared to document the findings of a contamination screening evaluation conducted for this PD&E Study. Potential contamination impacts within and adjacent to the project corridor were assessed for the viable project alternatives, including the No-Action Alternative, in accordance with Volume 2, Chapter 20 of the FDOT PD&E Manual. Alternatives evaluated during the PD&E Study include the No-Action Alternative, the Transportation Systems Management and Operations (TSM&O) Alternative, and the Build Alternatives. The CSER supplements the Environmental Document.

After a review of all available data, such as regulatory agency file reviews, the database reports, historic and current aerial photography, and a site reconnaissance, contamination of soil and groundwater has been documented at several locations near the project corridor. A total of 12 sites of potential environmental concern were identified for the project corridor. Of these, one (1) is rated as High risk, one (1) site is rated as Medium risk, four (4) sites are rated as Low risk, and six (6) sites are rated as No risk. Remaining sites identified in the above-referenced sources are not considered to pose potential contamination concerns because of the current regulatory status of the site.

For the viable build concepts, the degree of potential contamination concerns is equivalent due to the location and distance of the potential contaminated sites with reference to the proposed project layout.

1.0 INTRODUCTION

The Florida Department of Transportation (FDOT) District Four conducted a Project Development and Environment (PD&E) Study, in accordance with the National Environmental Policy Act (NEPA), to assess potential operational and safety improvements along 3.1 miles of Interstate 95 (I-95), from south of NE 48th [Mile Post (MP) 22.0] to north of the Hillsboro Boulevard interchange (MP 25.10), in Broward County, Florida.

The project extends along I-95 from just south of NE 48th Street to just north of Hillsboro Boulevard and along both SW 10th Street from just west of Military Trail east to SW Natura Boulevard and along Hillsboro Boulevard from Goolsby Boulevard east to SW Natura Boulevard. The entire project lies within the City of Deerfield Beach. I-95 is part of the Strategic Intermodal System and the National Highway System which is Florida's high priority network of transportation facilities important to the state's economy, mobility and defense.

The study evaluated alternatives for improvements to the I-95 partial cloverleaf interchanges at SW 10th Street and Hillsboro Boulevard and along I-95 from just south of NE 48th Street to just north of the Hillsboro Boulevard interchange. SW 10th Street provides a direct connection between I-95 and the Sawgrass Expressway. The study also evaluated improvements along both SW 10th Street and Hillsboro Boulevard near I-95.

Alternatives were also evaluated to modify the existing merge and diverge ramp areas at the SW 10th Street and Hillsboro Boulevard interchanges. Replacement of the existing SW 10th Street bridge over I-95 and a grade separation at the existing at-grade railroad crossing at Hillsboro Boulevard were also evaluated. The project study area is shown in **Figure 1-1**.

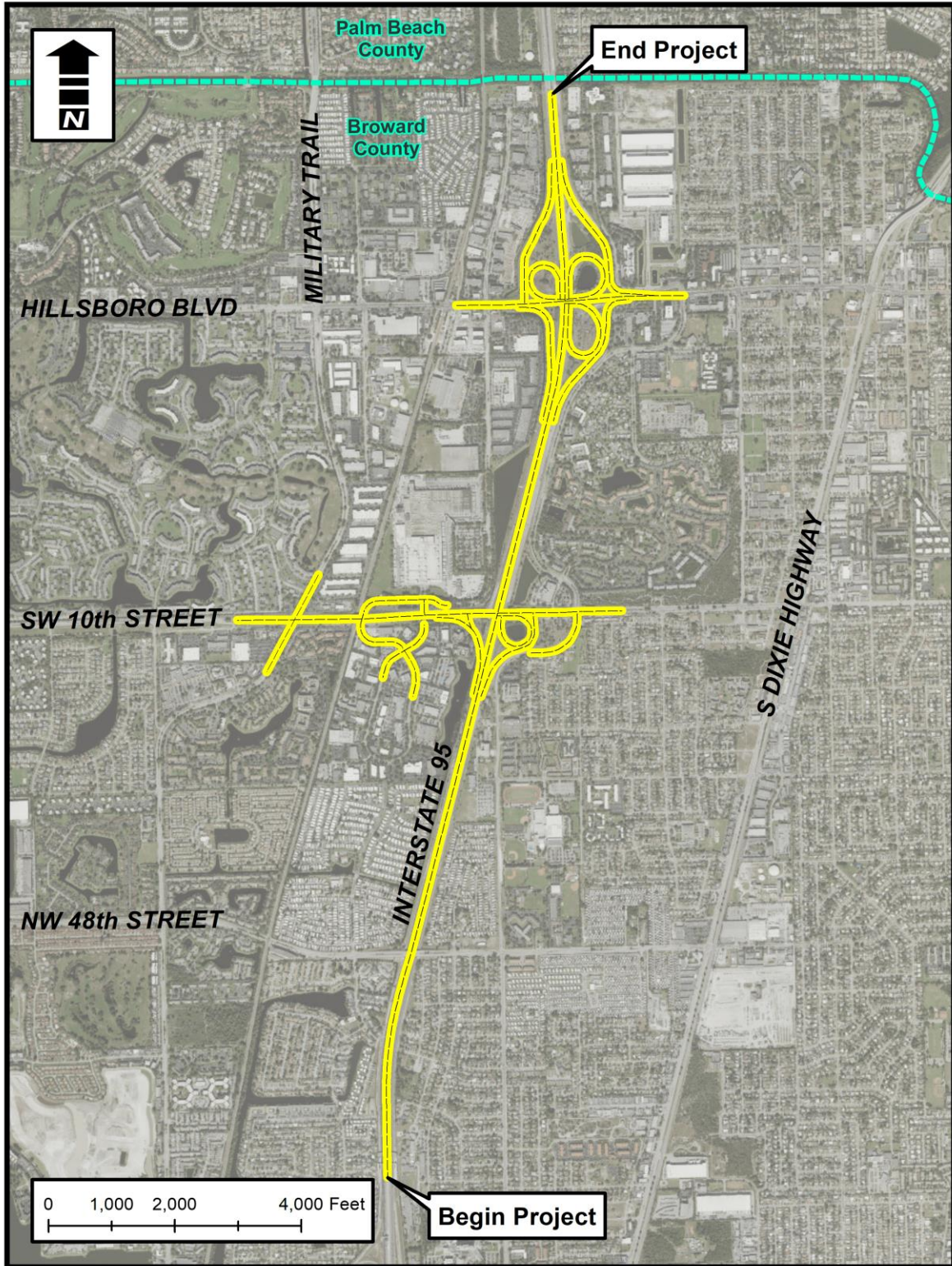


Figure 1 - 1: Project Study Area

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1.1 Purpose and Need

The purpose of this project is to eliminate existing operational and safety deficiencies along I-95 from south of NE 48th Street to north of Hillsboro Boulevard including the interchanges at SW 10th Street and Hillsboro Boulevard, and on SW 10th Street and Hillsboro Boulevard in the vicinity of I-95. The primary need for the project is based on capacity/operational and safety issues, with secondary considerations for the needs of evacuation and emergency services, transportation demand, system linkage, modal interrelationships, and social demands and economic development.

1.1.1 Capacity/Operational Deficiencies

A need exists to improve traffic operations along I-95 in the vicinity of the SW 10th Street and Hillsboro Boulevard interchanges, especially at existing merge and diverge ramps that are the sources of traffic turbulence and collisions. The mainline directional volumes range from 4,400 to 5,850 vehicles per hour (vph) with ramp volumes from 800 to 1,250 vph at SW 10th Street and 400 to 1,000 vph at Hillsboro Boulevard.

Operational analyses along I-95 indicate that all freeway segments in the study area operate at Level of Service (LOS) D or better except for the following:

- The diverge segment at I-95 southbound (SB) off-ramp to SW 10th Street eastbound (EB) and westbound (WB) during the AM and PM peak periods;
- The I-95 mainline segment between I-95 SB on-ramp from SW 10th Street EB and WB and I-95 SB off-ramp to Sample Road EB and WB during the PM peak period;
- The I-95 mainline between I-95 SB On-Ramp from Palmetto Park Boulevard EB and I-95 SB Off-Ramp to Hillsboro Boulevard EB and WB during the AM peak period;
- The merge at I-95 SB on-ramp from Hillsboro Boulevard WB during AM and PM peak periods; and
- The diverge segment at I-95 northbound (NB) off-ramp to Hillsboro Boulevard EB during the AM peak period.

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These conditions are existing concerns and are projected to worsen in the future if no action is taken. Year 2040 traffic projections show the mainline directional volumes ranging from 6,000 to 7,300 vph. Year 2040 peak hour directional volumes on I-95 Express are forecasted to range an additional 1,300 to 2,550 vph within the I-95 corridor. Operational analyses under the "No-Action" option in year 2040 reflects implementation of two major programmed improvements: 1) I-95 Express Phase 3 (and 2) I-95 Ramp Metering. All of the mainline freeway segments in the study area would operate at a deficient LOS (E or F) during one or both peak periods with the exception that the merge segment for I-95 SB On-Ramp from WB Hillsboro Boulevard would operate at LOS D during the PM peak hour.

1.1.2 Safety

A need exists to resolve safety issues within the project limits along I-95 as well as SW 10th Street and Hillsboro Boulevard. Crash analyses for the years 2008 through 2012 reveal that the I-95 segment within the Hillsboro Boulevard interchange area is classified as a high crash segment for four of the five study years. It should also be noted that the existing interchanges are closely located together and have short weave distances. Crash rates along SW 10th Street in the vicinity of I-95 exceed the statewide average for similar facilities for all five study years, but the segment along Hillsboro Boulevard in the vicinity of I-95 does not. Field observations indicate that the number of crashes along the Hillsboro Boulevard project segment may be influenced by queues extending from the railroad crossing into this area.

1.1.3 Evacuation and Emergency Services

The South Florida region has been identified by the National Oceanic and Atmospheric Administration (NOAA) as an area with a high degree of vulnerability to hurricanes and the Florida Division of Emergency Management has designated specific evacuation routes through the region. Both SW 10th Street and Hillsboro Boulevard are designated as emergency evacuation routes from I-95 to SR 5/US-1 and A1A. I-95 is designated as an emergency evacuation route throughout Broward County. A need exists to enhance

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capacity and traffic circulation along evacuation routes to improve evacuation and enhance emergency response.

1.1.4 Transportation Demand

A need exists to improve capacity and safety while meeting transportation demand and maintaining consistency with other transportation plans and projects, such as the Broward County Interchange Master Plan (IMP) and I-95 Express Lanes Phase III Project. The project is included in the FDOT Work Program with Preliminary Engineering (design phase) is scheduled for fiscal year 2022. The project is also included in the Broward County MPO Commitment 2045 Metropolitan Transportation Plan [previously known as the Long Range Transportation Plan (LRTP)] for fiscal years 2020-2024. Additionally, the project is included in the Broward County MPO Transportation Improvement Program (TIP) for fiscal year 2020-2024.

1.1.5 System Linkage

A need exists to ensure that I-95 continues to meet the minimum requirements of a component of the state's SIS and the National Highway System (NHS), as well as provides access connectivity to other major arterials such as I-595 and Florida's Turnpike SIS and the National Highway System (NHS), as well as provides access and connectivity to other major arterials such as I-595 and Florida's Turnpike.

1.1.6 Modal Interrelationships

There exists a need for capacity improvements along the I-95 project corridor to enhance the mobility of public transit and goods by alleviating current and future congestion along the corridor and on the surrounding freight and transit networks. Reduced congestion will serve to maintain and improve viable access to the major transportation facilities and businesses of the area.

Increased mobility to public transit operations are needed and will benefit as a result of this project. Although no designated Broward County Transit (BCT) Routes are provided within the SW 10th Street interchange area, Hillsboro

Boulevard is serviced by BCT Route #48, which provides a connection from SR 7 to Deerfield Beach including a direct connection to the Deerfield Tri-Rail Station located just west of the Hillsboro interchange.

1.1.7 Social Demands and Economic Development

Social and economic demands on the I-95 corridor will continue to increase as population and employment increase. The Broward County MPO Commitment 2045 Metropolitan Transportation Plan predicted that the population would grow from 1.9 million in 2018 to 2.2 million by 2045, an increase of 16 percent. Jobs were predicted to increase by 25 percent during the same time period. A need exists for the proposed improvements to support the predicted social and economic travel.

2.0 PROJECT STUDY AREA

The project study area consists of the existing and proposed right-of-way (ROW) limits for the viable Build Alternatives and also includes the No-Action Alternative. The study area is of sufficient size to identify potential direct and indirect effects of the viable Build Alternatives on communities that may occur within or adjacent to the project corridor. For the purpose of this study, the viable Build Alternatives discussed for SW 10th Street are the Modified North alignment (herein after referred to as the North alignment) and Center alignment, which encompass all proposed roadway improvements along I-95, SW 10th Street, and Hillsboro Boulevard. The project footprint is the same for both Alternatives along I-95 and Hillsboro Boulevard. The project footprint varies slightly between the Build Alternatives along SW 10th Street.

2.1 Environmental Setting

The project is located within a densely developed urban region of northern Broward County. Along the existing I-95 corridor within the project study area, adjacent lands are characterized by residential subdivisions, individual residences, commercial developments, institutional, recreational, and business and industrial complexes.

2.2 Existing Land Use

The project is located in northern Broward County and traverses the northern region of Deerfield Beach. West of I-95 within the project limits, the dominant land uses are industrial and commercial, including a Publix distribution center and several hotels at the interchanges. Additional land uses west of I-95 include City of Deerfield government offices located west of the CSX railroad and south of Hillsboro Boulevard, and a residential development southwest of SW 10th Street and the railroad. East of I-95 and south of Hillsboro Boulevard, land use is mainly single and multi-family residential with a mixture of commercial development at the interchanges. North of Hillsboro Boulevard, land use is mainly commercial along I-95 and Hillsboro Boulevard. Set behind the commercial development is the former Deerfield Country Club Golf Course.

2.3 Future Land Use

The City of Deerfield Beach Future Land Use Map (adopted December 3, 2013) predicts that land uses within the project area will remain similar except for the conversion of the former Deerfield Country Club Golf Course into an employment center. The anticipated employment center has been branded as the Hillsboro Technology Center.

2.3.1 SW 10th Street Interchange

The City of Deerfield Beach Future Land Use Map shows the area west of the SW 10th Street Interchange as Industrial. The NE quadrant of the interchange is shown as Residential Moderate (10 DU/AC), Commercial and Conservation. The SE quadrant shows as Community Facility, Recreation Open Space, Residential- Medium (15 DU/AC), Residential Moderate (10 DU/AC) and Residential Low (5 DU/AC).

2.3.2 Hillsboro Boulevard Interchange

The City of Deerfield Beach Future Land Use Map shows the NW quadrant of the Hillsboro Boulevard Interchange as Industrial and Commercial while the NE quadrant is shown as Industrial, Commercial, Recreation Commercial, Recreation Open Space and Employment Center. The SE quadrant shows as Commercial, Residential Moderate (10 DU/AC) and Recreation Open Space. The SW quadrant shows as Commercial, Industrial and York Residential Transit Oriented Development.

3.0 EXISTING CONDITIONS

Due to the uniqueness of this project, the analysis and evaluation of the existing conditions were separated into three corridors; I-95 (SR 9), SW 10th Street (SR 869) and Hillsboro Boulevard (SR 810). Data gathering for each of these corridors focused on the areas of roadway, bridge and environmental characteristics. Assessment of the existing conditions began with the collection and review of all data pertaining to the existing facilities which included conducting on-site field inventories, review of existing documents, as well as, review of other pertinent data used for the evaluation of these transportation facilities.

3.1 Functional Classification

The roadway network within the project study area is comprised of interstate expressways, state roads, county roads and local roads that provide access and traffic circulation within residential, commercial and industrial areas.

3.1.1 I-95

Within the limits of the study for access management, I-95 is defined as Limited Access Class 1.2 Freeway in an Existing Urbanized Area with a functional classification as an urban principal arterial interstate. I-95 is an essential part of the SIS and NHS networks. Within the limits of the project, I-95 has six general purpose lanes (three in each direction) and two Express (EP) lanes (one in each direction).

3.1.2 SW 10th Street

SW 10th Street has a functional classification as an urban principal arterial other. SW 10th Street is classified as a six-lane divided State Principal arterial west of I-95 and as a six-lane divided City Minor Arterial east of I-95. In addition, it is on the SHS and SIS systems being classified as a SIS corridor.

3.1.3 Hillsboro Boulevard

Hillsboro Boulevard has a functional classification as an urban principal arterial other. Hillsboro Boulevard is classified as a six-lane divided State Minor Arterial west of I-95 and as a State Principal Arterial east of I-95. In addition, it is on the SHS and SIS systems being classified as a SIS corridor classification as an urban principal arterial from the intersection at Goolsby Boulevard (MP 4.760) to I-95 (MP 5.365) Hillsboro Boulevard since it connects the I- 95 Expressway to South Florida Rail Corridor.

3.2 Access Management

3.2.1 I-95

The access management classification for the I-95 corridor is Class 1.2, Freeway in an existing urbanized area with limited access.

3.2.2 SW 10th Street

Southwest 10th Street is designated as Class 3 for access management.

3.2.3 Hillsboro Boulevard

Hillsboro Boulevard is designated as Class 5 for access management.

3.3 Typical Sections

The following **Table 3-1** depicts the existing typical section characteristics for each corridor.

Table 3 - 1: Existing Typical Section Characteristics

Typical Section Element	Roadway		
	I-95	SW 10 th St	Hillsboro Blvd
Number of Travel Lanes	8	6	6
Travel Lane Width	12 ft	11-12 ft	11 ft
Parking Lane Width	n/a	n/a	n/a
Curb and Gutter	n/a	Type F	Type F
Inside Shoulders Width	12 ft	n/a	n/a
Outside Shoulders Width (Bike Lane)	12 ft	Varies 4-8 ft	Varies 4-6 ft
Median Width	26.5 ft	14 to 17.5 ft	15.5 ft
Sidewalk Width	n/a	Varies 5-6 ft	Varies 6-7 ft
Right-of-Way Width	240 ft-300 ft	106 ft (+)	106-136 ft

3.3.1 I-95

Within the limits of the study, I-95 is an eight-lane divided limited access facility consisting primarily of a two and a half-foot center barrier wall with two twelve-foot paved inside shoulders (one in each direction). The inside lane in each direction is a twelve-foot wide EP lane with a two-foot striped buffer area separating the EP lane from the three twelve-foot general purpose lanes. In each direction, along the outside of the general purpose lanes is a twelve-foot shoulder [ten-foot paved and two-foot unpaved]. In the NB direction, a twelve-foot auxiliary lane exists between the SW 10th Street on-ramp and Hillsboro Boulevard off-ramp. Additionally, in the SB direction a twelve-foot auxiliary lane exists between the Hillsboro Boulevard on-ramp and SW 10th Street off-ramp. The existing roadway segment is depicted in **Figure 3-1** and typical section for this corridor is shown in **Figure 3-2**.



Figure 3 - 1: Existing Roadway Segment I-95 Corridor

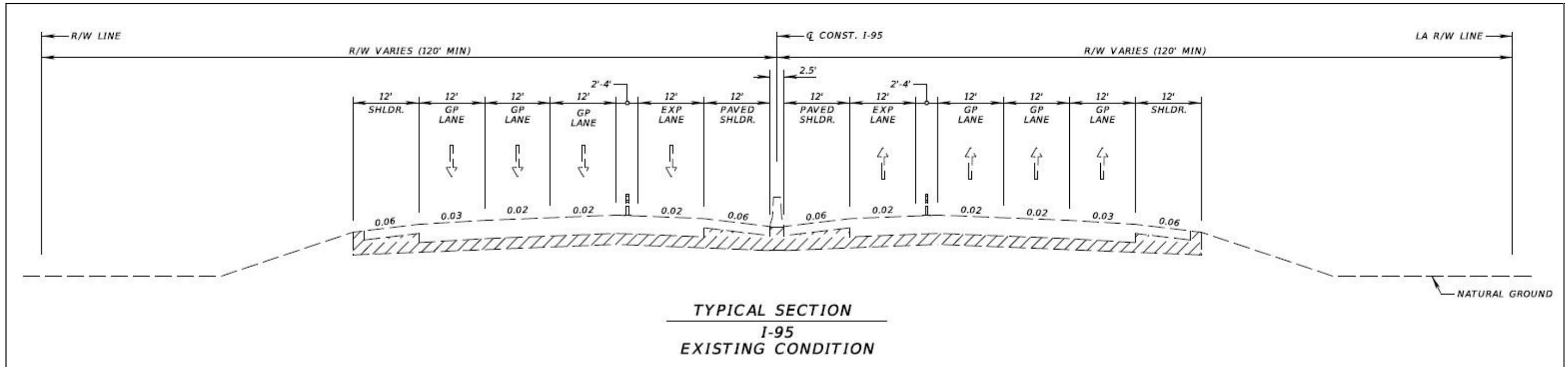


Figure 3 - 2: Existing Typical Section – I-95

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3.3.2 SW 10th Street

EB along SW 10th Street from approximately 1000-feet west of the intersection at Military Trail to the intersection there are three twelve-foot lanes, a four to five-foot bike lane, and an eight-foot (four-foot paved and four-foot unpaved) outside shoulder. In the center, there is a raised curb and gutter median that varies in width from 17.5 feet.

WB along SW 10th Street from approximately 1000-feet west of the intersection at Military Trail to the intersection there are two twelve-foot lanes, a four-foot bike lane and four-foot unpaved shoulder.

In each direction, from the intersection at Military Trail to East Newport Center Drive there are three twelve-foot lanes, a four-foot bike lane, two-foot curb and gutter with a five-foot concrete sidewalk running along at the back of curb. In the center of the roadway there is a raised curb and gutter median that varies in width from 14.0 to 17.5 feet. In the WB direction, the outside lane is an auxiliary lane used for right turns and/or acceleration that terminates at the intersection with Military Trail. In the EB direction a fourth (outside) twelve to 14-foot wide lane exists as an auxiliary lane used for right turns and/or acceleration and terminates at the SB on-ramp to I-95.

From East Newport Center Drive to SW Natura Boulevard/FAU Research Park Boulevard there are three eleven-foot lanes in each direction, two-foot curb and gutter with a six-foot concrete sidewalk running along at the back of curb with no bicycle lane or shoulder. EB the third lane (outside) terminates at the NB entrance ramp to I-95 and then reemerges west of the NB I-95 off-ramp intersection continuing on to the FAU Research Park Boulevard intersection. WB are three eleven-foot lanes, two-foot curb and gutter with a six-foot concrete sidewalk running along at the back of curb with no bike lane or shoulder present. A fourth WB lane emerges at the SB I-95 off-ramp intersection and terminates at the East Newport Center Drive intersection. In the center of the roadway there is a raised curb and gutter median that varies in width from 14 to 17.5 feet.

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The existing roadway segment is depicted in **Figure 3-3** and typical section for this corridor is shown in **Figure 3-4**.



Figure 3 - 3: Existing Roadway Segment – SW 10th Street

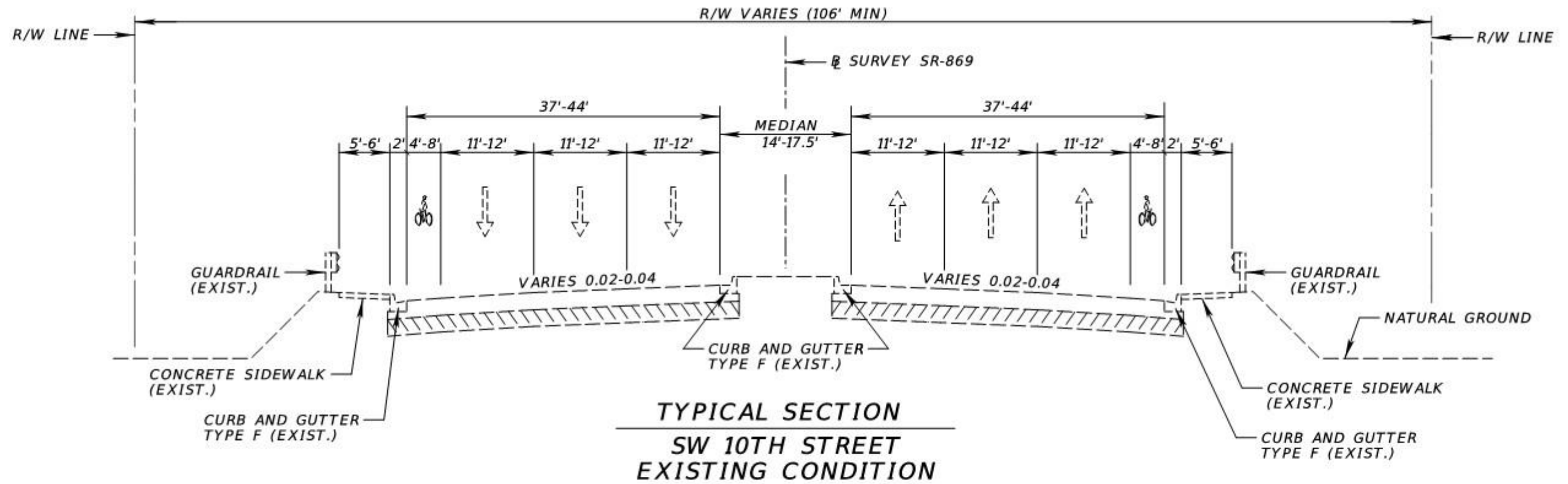


Figure 3 - 4: Existing Typical Section: SW 10th Street

3.3.3 Hillsboro Boulevard

Along Hillsboro Boulevard from east of Military Trail intersection to the intersection with Natura Boulevard/Fairway Drive is an urban arterial typical section having a fifteen and a half-foot raised median, six eleven-foot thru lanes (3 lanes in each direction) and two four-foot bicycle lanes (one in each direction) with Type F curb and gutter on both sides of the roadway. In each direction outside the bicycle lanes is a two-foot curb and gutter with six-foot concrete sidewalk running along at the back of curb. Total ROW width varies.

The existing roadway segment is depicted in **Figure 3-5** and typical section for this corridor is shown in **Figure 3-6**.



Figure 3 - 5: Existing Roadway Segment – Hillsboro Boulevard

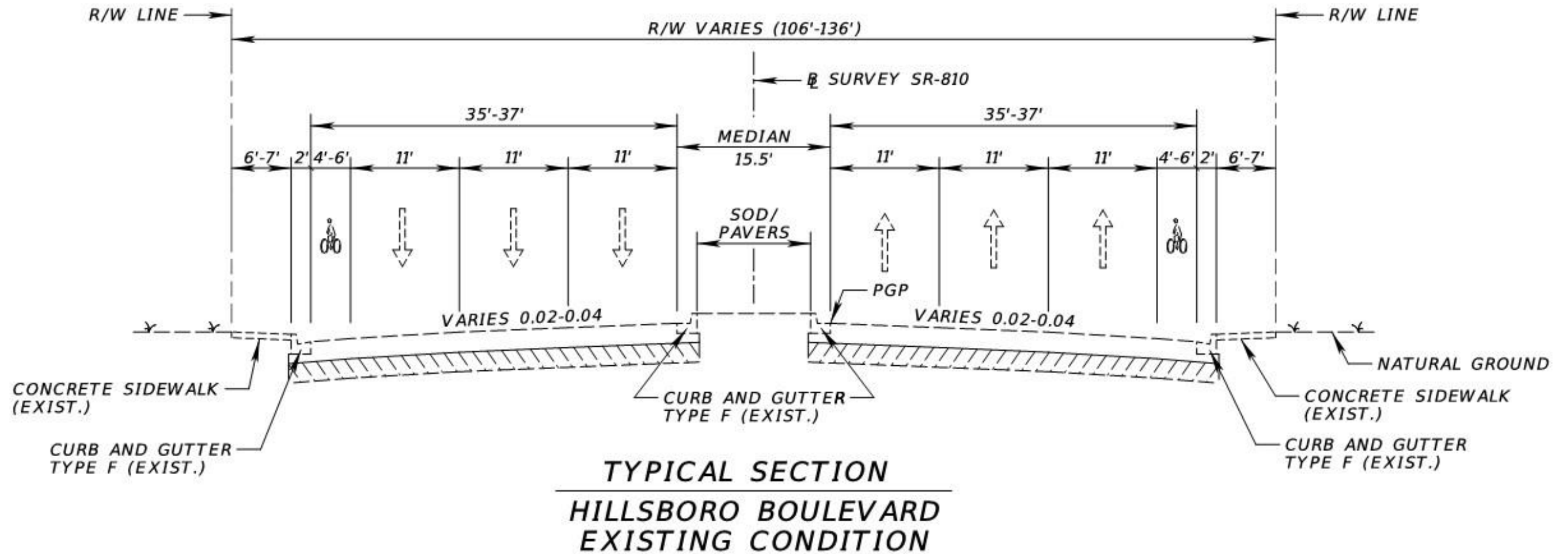


Figure 3 - 6: Existing Typical Section - Hillsboro Boulevard

3.4 Right-of-Way

3.4.1 I-95

The existing ROW along I-95 varies with a minimum of 240 feet and varies based on shoulder width and natural ground.

3.4.2 SW 10th Street

The existing ROW along SW 10th Street varies with a minimum of 125 feet and varies based on median width, shoulder width and natural ground with a typical width between 180 to 250 feet.

3.4.3 Hillsboro Boulevard

The existing ROW along Hillsboro Boulevard varies from 106 to 136 feet and varies based on median width.

Please refer to the Preliminary Engineering Report for additional details of existing roadway conditions and typical sections.

3.5 Pavement Type and Operational Conditions

3.5.1 Pavement Condition

FDOT performs annual surveys of the entire State highway system in support of the Department's Pavement Management Program. The data collected (in terms of crack, ride, and rut measurements) is used to assess the condition and performance of the State's roadway as well as to predict future rehabilitation needs.

3.5.1.1 I-95 Pavement Type and Condition

The existing pavement type along I-95 is asphalt pavement (FC-5). Based on data obtained from the Pavement Condition Survey, I-95 was last resurfaced in 2008. The NB lanes along I-95 have adequate pavement ratings. The SB

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lanes along I-95 has adequate pavement ratings for Rideability and Rutting. I-95 is currently under construction to add lanes for I-95 Express within the limits of this study (FM 433108-6, Phase 3B-1) and will be completely resurfaced as part of that project.

3.5.1.2 SW 10th Street Pavement Type and Condition

The existing pavement type along SW 10th Street is asphalt pavement (FC-9.5). Based on data obtained from the Pavement Condition Survey, SW 10th Street was last resurfaced in 2014. Both the EB and WB lanes have adequate pavement ratings.

3.5.1.3 Hillsboro Pavement Type and Condition

The existing pavement type along Hillsboro Boulevard is asphalt pavement (FC-9.5). Within the limits of this study, Hillsboro Boulevard was last resurfaced in 2017 (FM 430602-1). Therefore, both the EB and WB lanes have adequate pavement ratings.

4.0 PROJECT ALTERNATIVES

Alternatives evaluated during the PD&E Study include the No-Action Alternative, the Transportation Systems Management and Operations (TSM&O) Alternative, and the Build Alternatives as described below. Alternatives were developed and evaluated based on the ability to meet the project purpose and needs.

4.1 No-Action Alternative

The No-Action Alternative assumes that no improvements would be implemented within the project corridor. It serves as a baseline for comparison against the Build Alternatives. It will, however, include on-going construction projects and all funded or programmed improvements scheduled to be opened to traffic in the analysis years being considered. These improvements must be part of the FDOT's adopted Five-Year Work Program, Broward County MPO, Cost Feasible Metropolitan Transportation Plan (previously known as LRTP), transportation elements of Local Government Comprehensive Plans (LGCP), or developer-funded transportation improvements specified in approved development orders.

The advantage of the No-Action Alternative is that it requires no expenditure of public funds for design, ROW acquisition, construction or utility relocation. In addition, there would be no disruptions due to construction, no direct or indirect impacts to the environment and/or the socio-economic characteristics from the project. However, the No-Action Alternative does not address the purpose and need of the project and operational and safety conditions within the project area will become progressively worse as traffic volumes continue to increase.

4.2 Transportation Systems Management and Operations (TSM&O)

Transportation Systems Management and Operations (TSM&O) aims to optimize the performance of existing multimodal infrastructure through implementation of systems and services to preserve capacity and improve the safety and reliability of our transportation system. TSM&O improvements

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include traffic management and operations solutions such as Information Technology System (ITS) devices, signal retiming, and adaptive signal control. The TSM&O is not an alternative on its own, however, the TSM&O improvements are included in each viable Build Alternative.

TSM&O improvements alone will not significantly enhance the capacity issues through the corridor by the design year 2040. Long-term improvements are necessary to mitigate the existing traffic conditions and increase capacity to accommodate future travel demand.

4.3 Build Alternatives

Build Alternatives were developed along I-95, SW 10th Street and Hillsboro Boulevard to address the purpose and needs of the project.

4.3.1 Interstate 95

All Build Alternatives considered for I-95 include:

- Two 12-foot wide express lanes (one in each direction)* Design Variation for 11-foot lane width in some areas.
- Six 12-foot wide general purpose lanes (three in each direction)
- Four-foot to two-foot wide buffer with tubular markers separating the general purpose lanes from the express lanes
- A 12-foot wide paved inside shoulder with some areas with 10-foot inside shoulders
- A 12-footwide outside shoulder (ten-feet paved and two-feet unpaved) with some areas with 10-foot outside shoulders
- A 2.5-foot wide center barrier wall
- Twelve-foot wide auxiliary lanes at selected locations

4.3.1.1 Alternative 1

Alternative 1 provides a 2-lane, physically separated northbound collector distributor (CD) road on the east side of I-95 between SW 10th Street and Hillsboro Boulevard that combines the eastbound to northbound and

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westbound to northbound on-ramps. A braided ramp is proposed for the northbound CD road to separate the traffic destined to I-95 mainline from the traffic exiting at Hillsboro Boulevard. A proposed auxiliary lane on the west side of I-95 combines the eastbound to southbound and westbound to southbound on-ramps. A braided ramp is proposed to separate the traffic destined to I-95 mainline from traffic exiting at SW 10th Street. All the services interchange ingress and egress ramps remain configured similar to the existing except for the new westbound SW 10th Street to northbound ingress ramp which is provided as a free-flow right turn in the NE quadrant. Alternative 1 is shown in **Figure 4-1**.

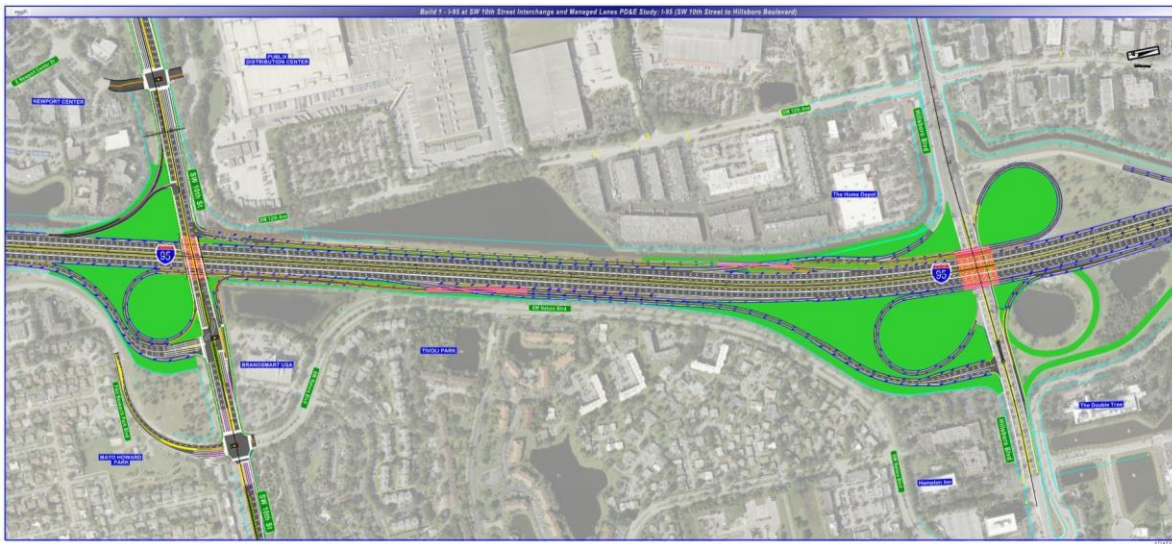


Figure 4 - 1: I-95 Alternative 1 (SW 10th Street to Hillsboro Boulevard)

4.3.1.2 Alternative 2

Alternative 2 provides the northbound CD road and southbound auxiliary lane as described for Alternative 1. Additionally, Alternative 2 also provides direct access from the SW 10th Street Connector to both the I-95 express lanes and general-purpose lanes compatible with the SW 10th Street North Alignment Alternative. Alternative 2 proposes to maintain the existing number of general-purpose lanes throughout the I-95 corridor. The express lanes will be separated from the general-purpose lanes with tubular markers and a 2-foot to 4-foot wide buffer.

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In the northbound direction, an egress point is proposed for the northbound express lanes north of the Sample Road interchange for traffic destined to the northbound I-95 general-purpose lanes. A second egress point south of the SW 10th Street interchange is proposed for traffic destined to the westbound SW 10th Street Connector lanes which braids over the general-purpose lanes and merges with the northbound CD road on the east side of I-95.

Access from eastbound SW 10th Street Connector to I-95 northbound is also provided for both the I-95 general-purpose and express-lanes. Access to the general-purpose lanes is provided by an egress access point from the express lanes north of SW 10th Street interchange. A new I-95 northbound on-ramp is introduced for westbound SW 10th Street as a free-flow right turn on the northeast quadrant of the interchange relocating the existing left turn movement at the current intersection. The new I-95 northbound on-ramp merges with eastbound on-ramp and the eastbound SW 10th Street Connector traffic destined to the I-95 general-purpose lanes on the northbound CD road. The northbound CD road braids over the northbound Hillsboro Boulevard off-ramp to merge with the I-95 northbound as an auxiliary lane just south of the Hillsboro Boulevard overpass bridge. It continues north connecting with the auxiliary lane being built by the I-95 Express Phase 3B-1 project to the north of Hillsboro Boulevard.

In the southbound direction, an egress point is proposed from the express lanes south of Hillsboro Boulevard interchange for the traffic destined to the westbound SW 10th Street Connector. Access to the SW 10th Street Connector from the general-purpose lanes is also provided south of the Hillsboro Boulevard interchange. The proposed CD road on the west side of I-95 braids over the I-95 southbound traffic entering from eastbound/westbound Hillsboro Boulevard on-ramps. Traffic from the I-95 general-purpose lanes and express-lanes merge on the CD road to provide access to the SW 10th Street Connector.

Access from the eastbound SW 10th Street Connector to I-95 southbound is provided for both the I-95 general-purpose and express-lanes. Access to the general-purpose lanes is provided by an egress access point from the I-95 express-lanes north of SW 10th Street interchange which braids over the

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general-purpose lanes to merge with the I-95 mainline on the west side of I-95.

Figure 4-2 shows the proposed improvements south of the SW 10th Street interchange, and **Figure 4-3** shows the proposed improvements north of the SW 10th Street interchange.



Figure 4 - 2: Alternative 2 Concept Plan (South of SW 10th Street)

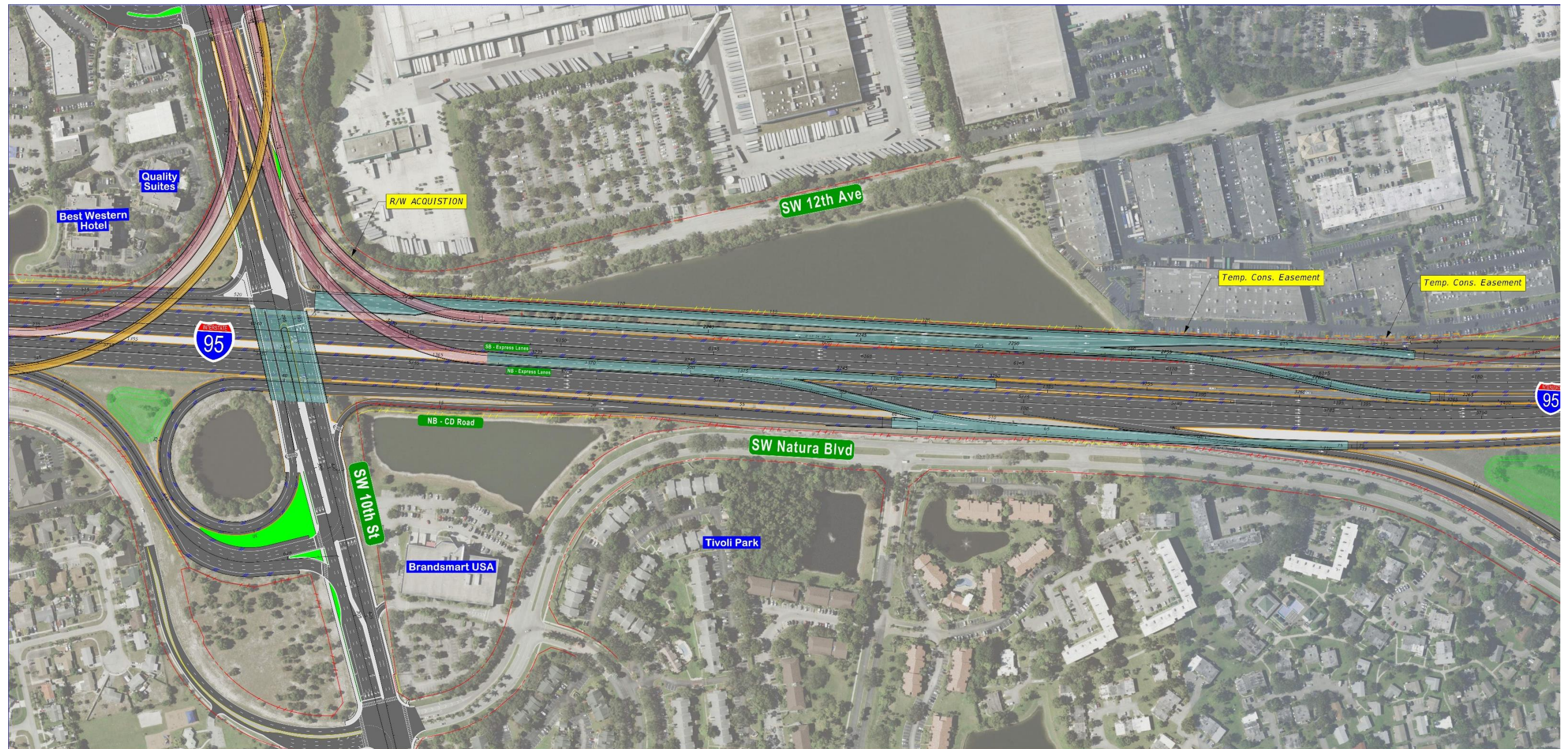


Figure 4 - 3: Alternative 2 Concept Plan (North of SW 10th Street) (1 of 2)

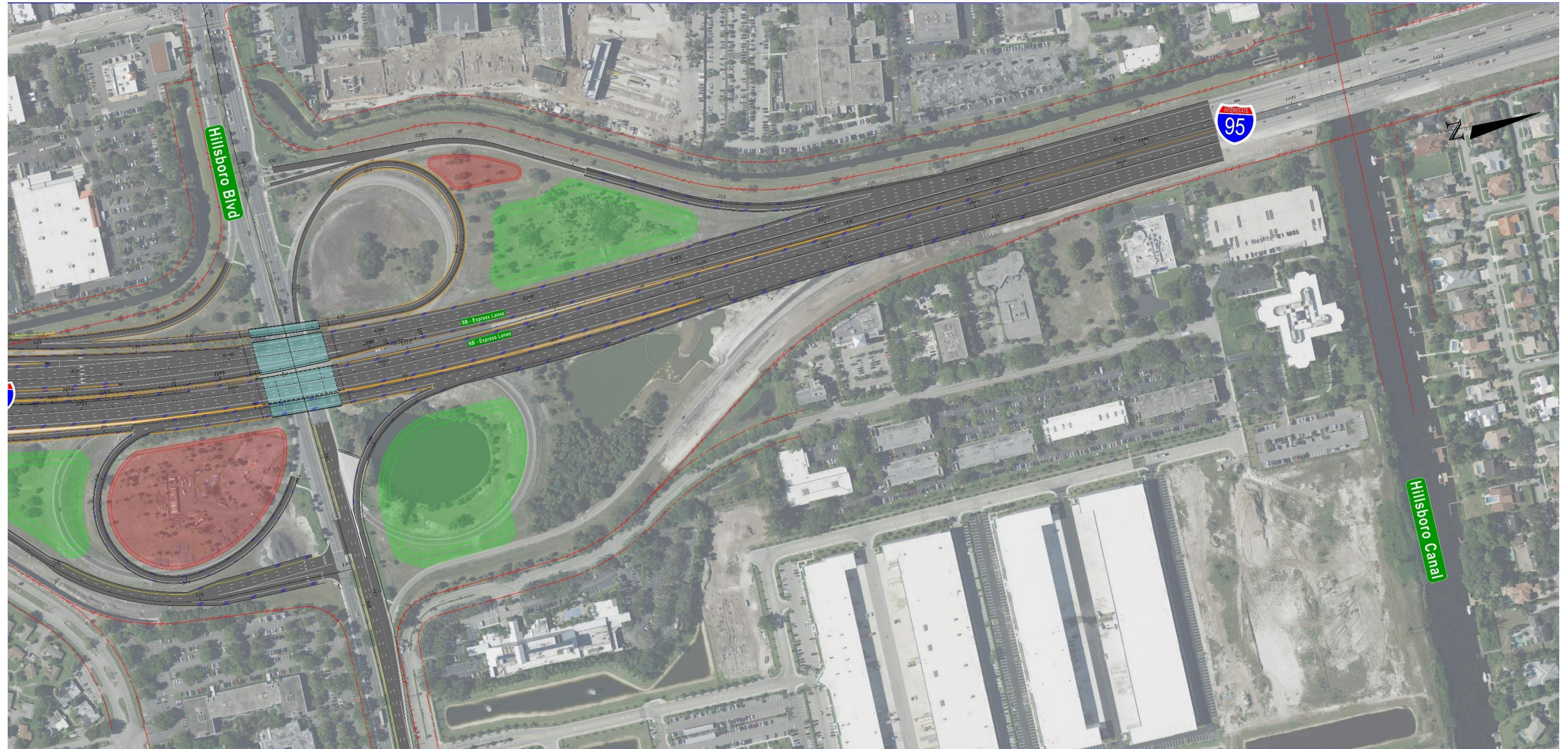


Figure 4-3: Alternative 2 Concept Plan (North of SW 10th Street) (2 of 2)

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4.3.2 SW 10th Street

The Build Alternatives considered along SW 10th Street provide two connector lanes in each direction along SW 10th Street with direct connect access ramps to/from the I-95 express lanes. A westbound on-ramp access to the connector lanes is provided just west of Newport center, and an eastbound off-ramp access to local SW 10th Street is provided west of the Military Trail intersection. Improvements at the northbound ramp terminal to accommodate triple lefts and triple rights, as well as, relocating the westbound to northbound entrance ramp access from the SE quadrant of the interchange to the NE quadrant remains the same for both Build Alternatives.

Two alignments were considered for the connector lanes: the Center Alignment, and the North Alignment. The Center Alignment includes three 11-foot lanes with a 7-foot buffered bike lane and 6-foot sidewalk in each direction along SW 10th Street. However, no sidewalk is provided along the north side from East Newport Center Drive/SW 12th Avenue intersection to Military Trail. A roundabout is provided at the intersection of W. and E. Newport Center Drive. Triple rights are provided at the northbound and southbound legs of the SW 12th Avenue/E. Newport Center Drive intersection with SW 10th Street.

The Center Alignment Alternative also requires minor ROW acquisition on the north side as well as on the south side including 15 privately owned and nine government owned parcels. No relocations are required.

Figure 4-4 shows the Center Alignment concept. The top figure illustrates the proposed SW 10th Street Connector to be constructed above local SW 10th Street. The lower figure illustrates the local SW 10th Street configuration and intersection design.

Both North and Center Alignment options have a similar configuration. The North Alignment provides three 11-foot lanes with a 7-foot buffered bike lane and 6-foot sidewalk in the westbound direction. A 12-foot shared use path is provided in the eastbound direction along SW 10th Street for local pedestrian and bike traffic. However, no sidewalk is provided along the north side from

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East Newport Center Drive/SW 12th Avenue intersection to Military Trail. Two 12-foot connector lanes are provided in each direction with direct connect ramps providing access to/from the I-95 express lanes and general- purpose lanes allowing regional connectivity to the express lanes network. In the eastbound direction along the connector lanes an egress ramp departs from the connector lanes west of the Military Trail intersection braiding over the eastbound SW 10th Street local lanes connecting along the outside lane. The egress ramp allows access to the Newport Center and local SW 10th Street east of the I-95 Interchange.

On SW 10th Street at the northbound leg of the East Newport Center Drive intersection a right turn lane, a left turn lane, and a choice through/left turn lane are provided. A left turn lane, a choice through/left turn lane, and right turn lane are provided for the southbound leg of the intersection. In addition, dual left turn lanes are provided for westbound and eastbound movements. An exclusive right turn lane is provided for the westbound movement. This configuration allows improved operations and mitigates congestion for the intersection, the interchange ramp intersections and along SW 10th Street.

A roundabout is being considered at the intersection of West and East Newport Center Drive and will continue to be coordinated through the design phase of the project. The roundabout would replace the stop condition and improve the operation of the intersection. A loop ramp is provided along SW 12th Avenue that connects directly to the westbound SW 10th Street Connector lanes to improve operations of the East Newport Center Drive intersection with SW 10th Street by allowing westbound traffic making a right turn to bypass the signal.

At I-95, the northbound exit ramp terminal was expanded to accommodate triple left and triple right turn lanes. The intersection at Natura Boulevard is expanded to accommodate double left and single right turn lanes on all intersection approaches. **Figure 4-5** shows the North Alignment concept. The top figure illustrates the proposed SW 10th Street Connector to be constructed above local SW 10th Street. The lower figure illustrates the local SW 10th configuration and intersection design.

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Minor ROW acquisition is required on the north and south sides of SW 10th Street including six privately owned and three government owned parcels. No relocations are required.

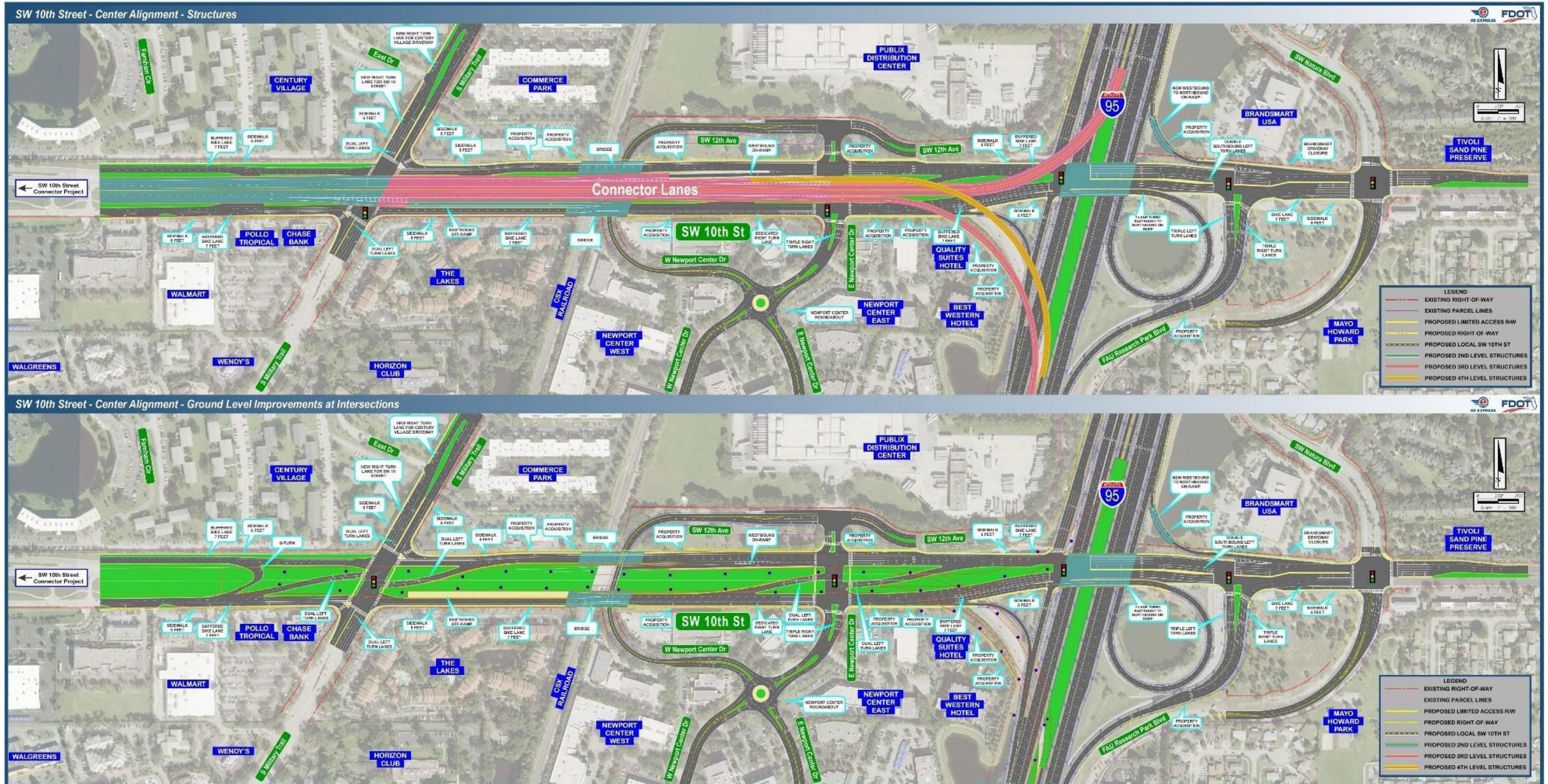


Figure 4 - 4: SW 10th Street – Center Alignment Concept Plans

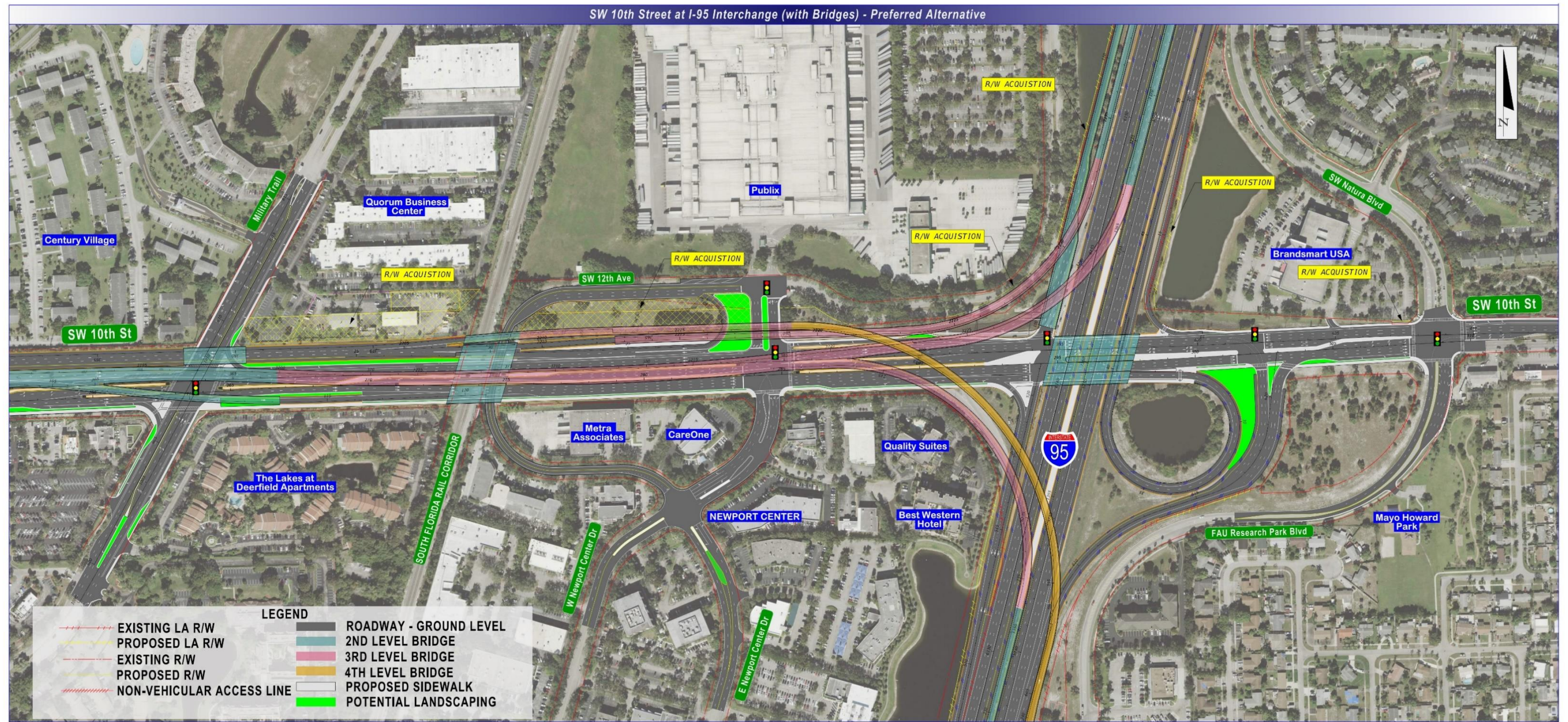


Figure 4 - 5: SW 10th Street – North Alignment Concept Plans (1 of 2)

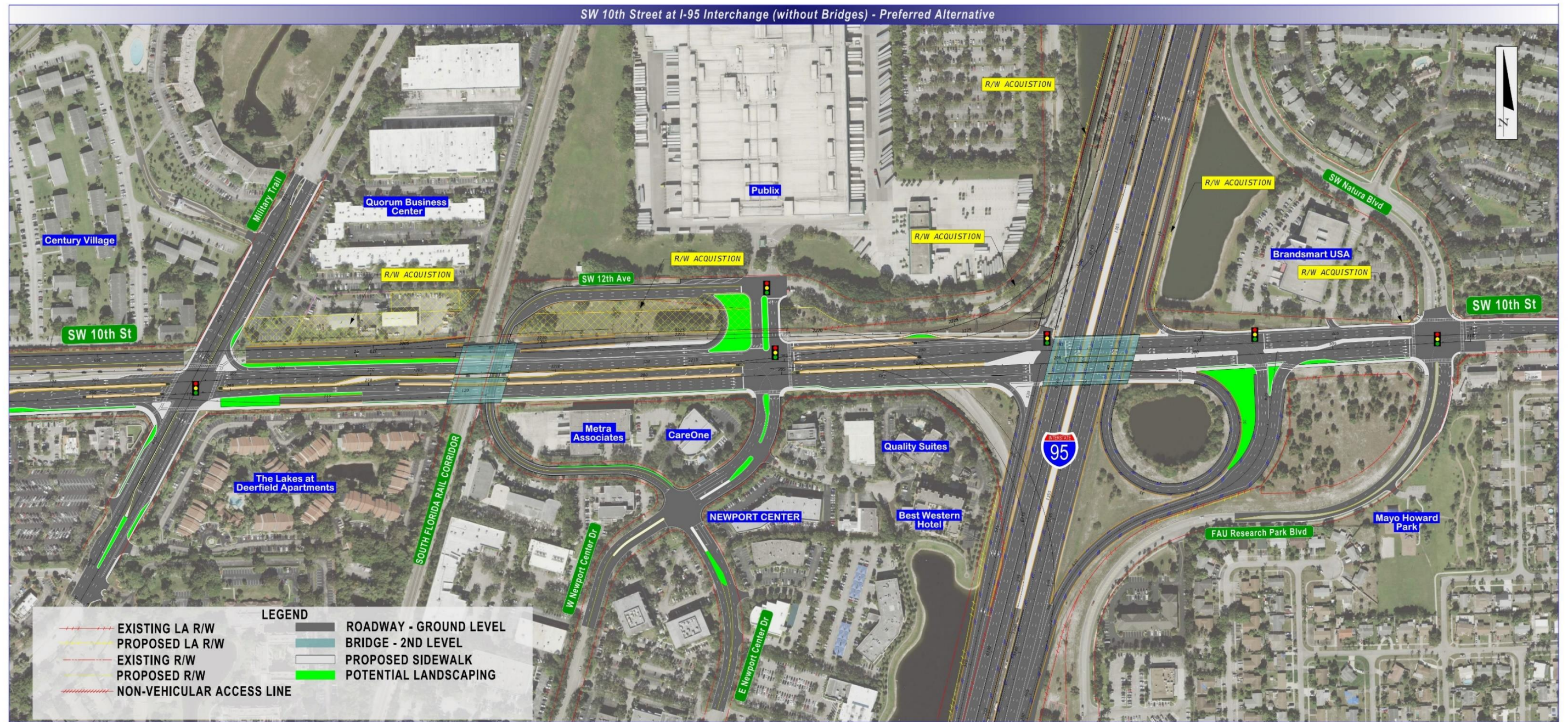


Figure 4-5: SW 10th Street – North Alignment Concept Plan (2 of 2)

4.3.3 Hillsboro Boulevard

Two Build Alternatives were considered along Hillsboro Boulevard. Alternative 1 proposes a depressed section while Alternative 2 proposes an elevated section. Improvements at the I-95 ramp terminals remained the same for both Build Alternatives and include providing a 2-lane northbound exit ramp combining both exit ramps into a single ramp with a signal controlled. The northbound exit ramp terminal will provide expanded storage for a triple left and double right turn lanes. Additional improvements include expanding the north leg of Jim Moran Boulevard to allow for southbound double left and double right turn lanes, extending the northbound to westbound left turn lane storage and the eastbound to southbound right turn storage at Natura Boulevard.

4.3.3.1 Alternative 1

Alternative 1 proposes a depressed section from Goolsby Boulevard to SW 12th Avenue with two 11-foot lanes in each direction and a 7.5-foot inside shoulder. An access road is proposed on each side with one 11-foot lane, 7-foot buffered bike lane and 6-foot sidewalk (**Figure 4-6**). This Alternative was deemed not viable due to impacts to the SFRC line and access to adjacent properties.

4.3.3.2 Alternative 2

Alternative 2 proposes an elevated section from Goolsby Boulevard to SW 12th Avenue with two 11-foot lanes in each direction, a 7.5-foot inside shoulder, and 13-foot median. An access road is proposed on each side with one 11-foot lane, 7-foot buffered bike lane and 6-foot sidewalk (**Figure 4-7**). This Alternative was deemed not viable due to access impacts to adjacent properties and the steep profile grade required to meet existing grade before the I-95 interchange.

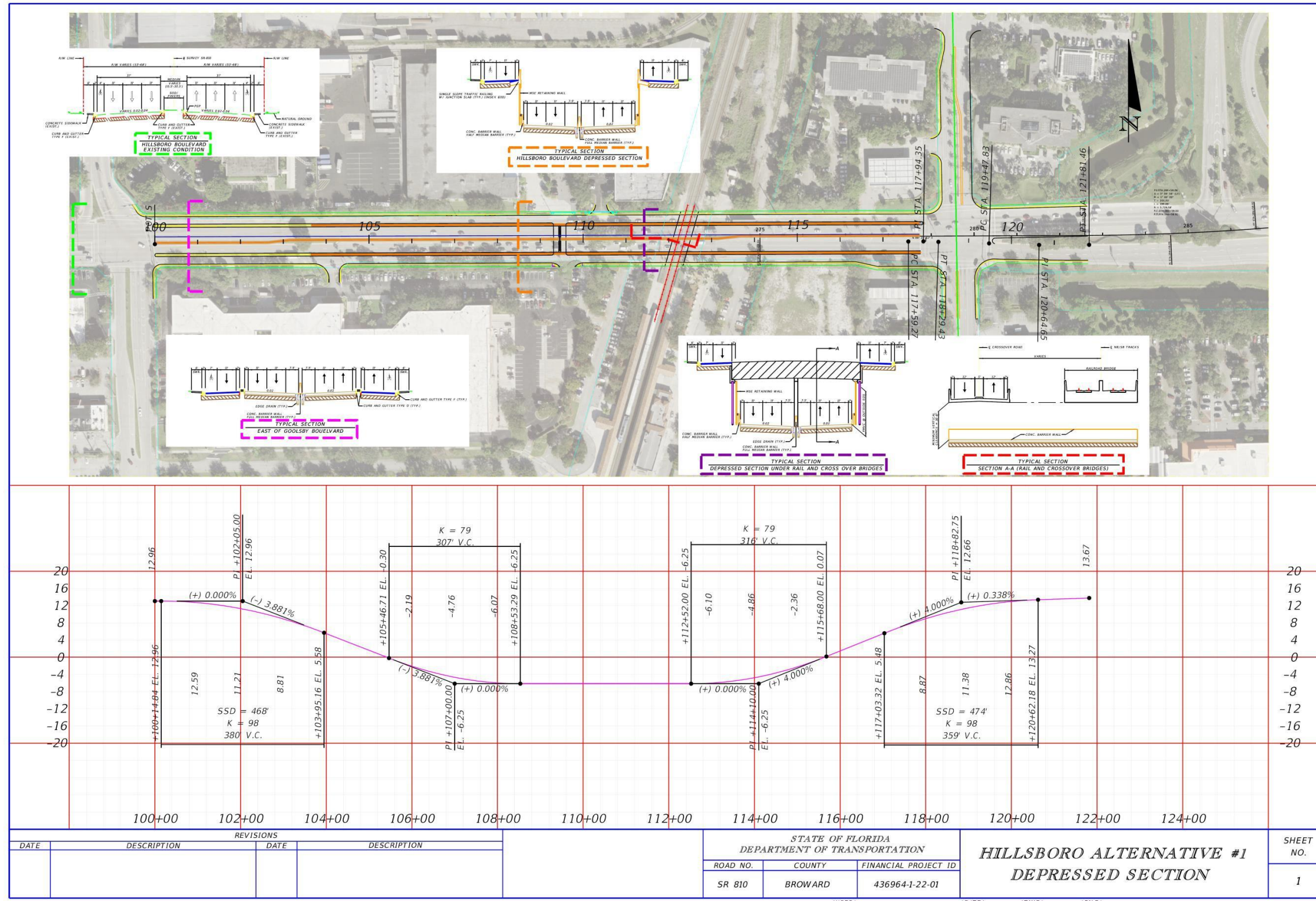


Figure 4 - 6: Hillsboro Boulevard Alternative 1

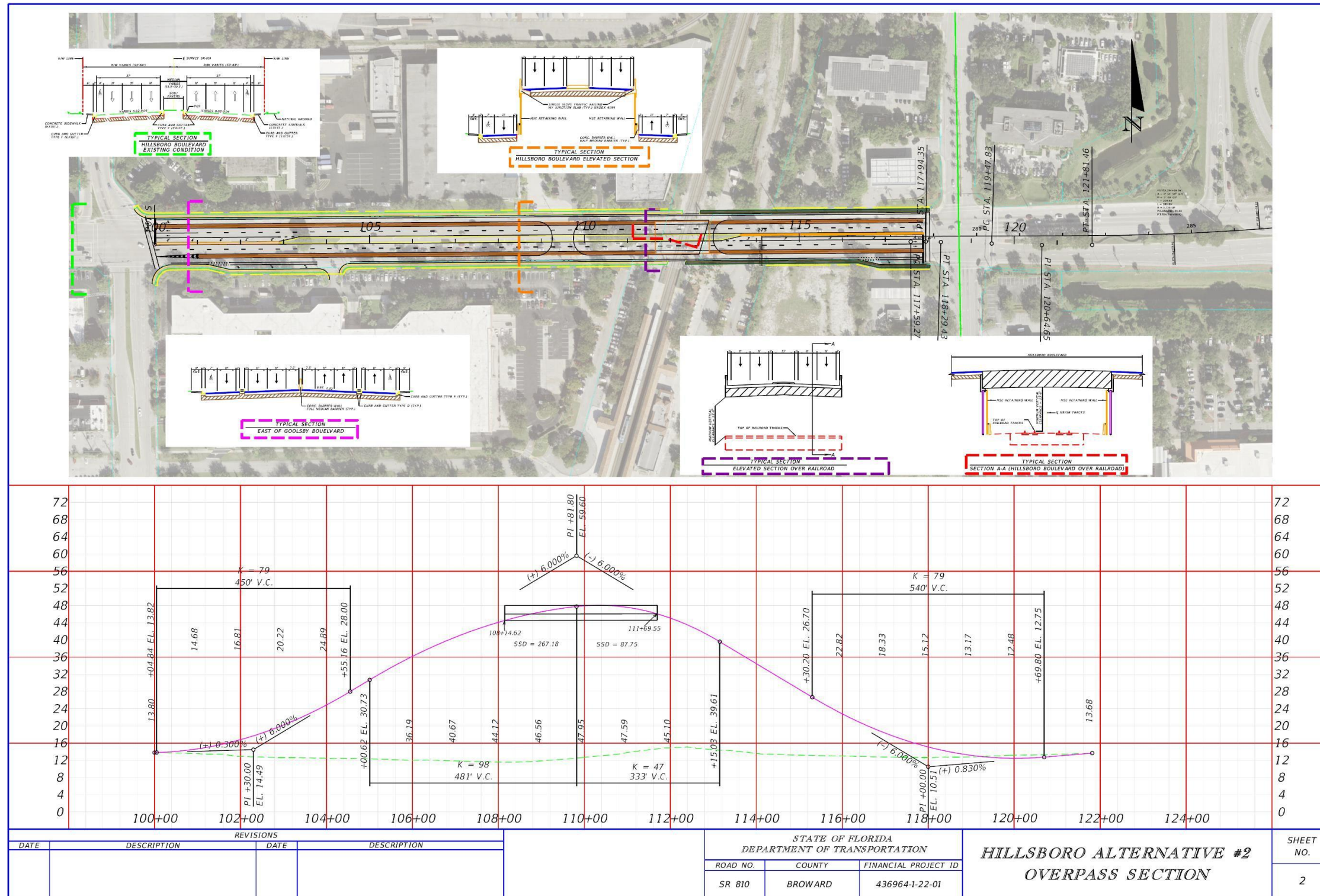


Figure 4 - 7: Hillsboro Boulevard Alternative 2

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As discussed above, Alternatives 1 and 2 along Hillsboro Boulevard evaluated a depressed profile and an elevated section from Goolsby Boulevard to SW 12th Avenue but were considered non-viable due to significant impacts to property access, ROW, utilities, and major temporary traffic control impacts for both the railroad tracks and Hillsboro Boulevard. Therefore, the proposed improvements along Hillsboro Boulevard are limited to the ramp terminals.

The improvements include providing a two-lane northbound exit ramp with a signal controlled and expanded storage for a triple-left turn movement for the northbound to westbound egress ramp terminal while maintaining the dual right turn movement for the eastbound traffic. This improvement resulted in the elimination of the northbound off-ramp loop to westbound Hillsboro Boulevard combining both northbound egress ramps into one location. In addition, the northbound on-ramp from westbound Hillsboro Boulevard was realigned to be within the proximity of I-95. A new configuration is proposed for the eastbound to southbound and the westbound to southbound on-ramp to minimize the weaving maneuvers within the interchange area.

4.3.4 Bridge Structure Improvements

With either Alternative, the existing bridges were evaluated to determine if widening or replacement is required. Where feasible, the widening or retrofitting of existing bridges is recommended. All existing bridges except for I-95 northbound over Hillsboro Boulevard are determined to be replaced due to proposed roadway geometrics and alignments. The I-95 northbound overpass over Hillsboro Boulevard is to remain in place.

Within the limits of the PD&E study, twenty-seven (27) new bridges for the Preferred Alternative are proposed. The respective locations of the proposed bridges are depicted in **Figures 4-8** through **4-10**.

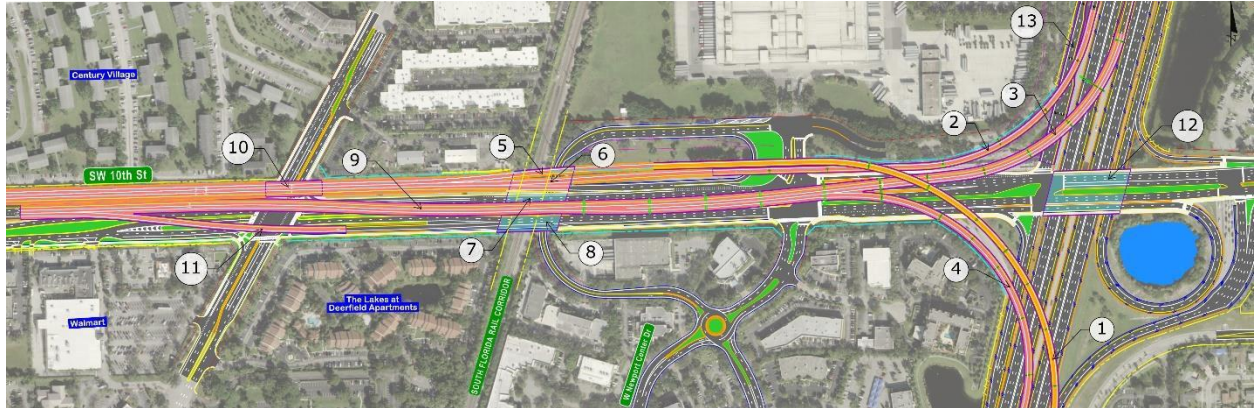


Figure 4 - 8: Proposed Bridge Locations (1 of 3)

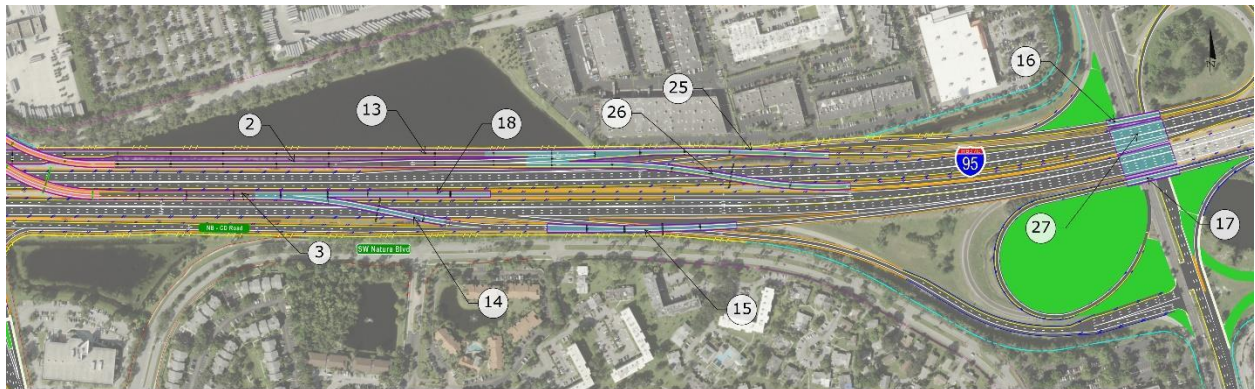


Figure 4 - 9: Proposed Bridge Location (2 of 3)



Figure 4 - 10: Proposed Bridge Locations (3 of 3)

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The proposed bridges are divided into the following categories:

- Flyovers of direct connect ramps between SW 10th Street and I-95 (4 new bridges)
- Elevated viaduct (1 new bridge)
- Interchanges/Grade separation (16 new bridges)
- Braided ramp (6 new bridges)

Please refer to the Preliminary Engineering Report for details of the engineering analysis performed for these bridges.

5.0 METHODOLOGY

This contamination screening evaluation was conducted for the SR 9/I-95 from south of NE 48th Street to north of Hillsboro Boulevard PD&E Study in accordance with Part 2, Chapter 20 (Contamination) of the FDOT PD&E Manual. The evaluation identifies and evaluates known or potential contamination concerns, presents recommendations to address these concerns, and discusses possible impacts to the project.

To identify and evaluate sites in the vicinity of the project corridor that potentially contain petroleum products, contaminated materials, or other potential sources of environmental contamination, the following data collection tasks were conducted.

5.1 Desktop Review

Evaluation of the potential for contamination to exist within the study limits involved a review of information available in the Public Record regarding registered waste generators, transporters, and users as well as registered petroleum storage facilities, U.S. Environmental Protection Agency (USEPA) Superfund or potential Superfund sites, and sites where releases or discharges of contaminated materials have been reported to regulatory agencies. Public file review summaries were provided by Environmental Data Resources, Inc. (EDR). A copy of the EDR report is enclosed as **Appendix A**. In addition to the data provided by EDR, the Florida Department of Environmental Protection (FDEP) and Broward County Environmental Protection and Growth Management Department (EPGMD) files were reviewed and the findings included in Section 7.0 of this report. Copies of relevant file review documents for the sites identified as Medium risk sites have been included for reference in **Appendix B**.

5.1.1 FDEP Databases

The FDEP has compiled several database lists which are useful in identifying potential sources of soil or groundwater contamination within the study area.

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The following FDEP lists were reviewed within the specified radii (per Chapter 20 of PD&E Manual) of the project corridor:

1. Registered Underground Storage Tanks (REG UST),
2. Leaking Underground Storage Tanks (LUST),
3. State Sites [Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) and National Priorities List (NPL) Equivalent], and
4. Solid Waste Landfills (SWL).

The above listing contains the common abbreviation for each database. Lists 1 and 2 (REG UST and LUST) document facilities with registered underground fuel storage tanks and facilities where LUSTs or fuel spills have been reported, respectively. Lists 3 and 4 (CERCLIS/NPL and SWL) document sites where contamination exists and the existence of registered or known landfills, respectively.

5.1.2 USEPA Databases

The USEPA has also compiled several lists used for identifying potential sources of contamination within the study area. The lists reviewed for this evaluation include:

1. Facility Index System (FINDS),
2. Resource Conservation and Recovery Act (RCRA) Transportation, Storage and Disposal (TSD).
3. RCRA Corrective Action Sites (CORRACTS),
4. RCRA Generator,
5. RCRA No Longer Regulated Generator,
6. Emergency Response Notification System (ERNS),
7. Toxic Release Inventory System,
8. CERCLIS,
9. NPL, and
10. National Pollution Discharge Elimination System (NPDES).

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The above listings contain the common abbreviation for each database, the distance used and the date the database was updated in parentheses. The FINDS list indicates businesses or organizations which are subject to USEPA regulations. The list further indicates which USEPA program office has responsibility for facilities contained in the FINDS list. The RCRA list is generated by the USEPA office which is responsible for management of contaminated wastes. Being listed on the FINDS or RCRA list does not mean that there is a contamination problem, but merely indicates that the facility is properly registered with the USEPA. The ERNS list is a report documenting spills at which emergency assistance was required to abate any imminent danger to the environment or health and safety of the public. The CERCLIS list is a master list of all potential Superfund sites. The NPL list includes active Superfund sites. The NPDES is a list of facilities receiving and discharging effluents to and from the environment.

5.1.3 EPGMD Databases

The EPGMD has been contracted by the FDEP to perform inspections and maintain records of each registered underground and aboveground petroleum facilities in Broward County, Florida.

5.1.4 Efficient Transportation Decision Making (ETDM) Review

Agency coordination to obtain contamination-related information has occurred through the ETDM Planning and Programming Screening (ETDM #14244). The project was screened through the ETDM Process in 2015 (Screening Summary Report re-published on July 11, 2016). For the I-95 from NE 48th Street to Hillsboro Boulevard project, the Federal Highway Administration (FHWA), USEPA, FDEP and the South Florida Water Management District (SFWMD) reviewed the project and listed a degree of effect of "Moderate" for contamination. The Summary Degree of Effect for contaminated sites was also listed as "Moderate" for contamination for this project in the ETDM Programming Screening Summary Report. The relevant sections of the ETDM Programming Screening Summary Report have been enclosed as **Appendix C**. Additional agency coordination efforts relevant to

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each potential contaminated area are discussed in the following sections of this report.

5.2 Other Databases Review

The Environmental Data Resources, Inc. (EDR) Corridor Report was procured for reviewing the databases associated with this project. The EDR screening tool maps the approximate locations of sites with known or potential environmental liabilities based on information contained in various federal and state databases. These databases include:

1. *Federal National Priority List (NPL) Site List*
2. *Federal Delisted NPL Site List*
3. *Federal CERCLIS List*
4. *Federal CERCLIS No Further Remedial Action Planned (NFRAP) Site List;*
5. *Federal RCRA CORRACTS Facilities List*
6. *Federal RCRA Non-CORRACTS Treatment, Storage, and Disposal (TSD) Facilities List*
7. *Federal RCRA Generators List*
 - ✓ *Large Quantity Generators (LQG) of Hazardous Wastes*
 - ✓ *Small Quantity Generators (SQG) of Hazardous Wastes*
 - ✓ *Conditionally Exempt Small Quantity Generators (CESQG) of Hazardous Wastes*
8. *Federal ERNS List*
9. *State- and Tribal-equivalent CERCLIS*
10. *Florida's State-Funded Action Sites (FL SHWS)*
11. *State and Tribal Landfill and/or Solid Waste Disposal Site Lists*
12. *State and Tribal Leaking Storage Tanks Lists*
13. *State and Tribal Registered Storage Tank Lists*
 - ✓ *Florida Underground Storage Tank (UST) Database*
 - ✓ *Florida Aboveground Storage Tank (AST) Database*
14. *State and tribal Voluntary Cleanup Sites*
 - ✓ *Florida Voluntary Cleanup Program database (FL VCP)*
15. *Local lists of Hazardous Waste / Contaminated Sites*
 - ✓ *Florida Priority Cleaners list from the Department of Environmental Protection*

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16. Other Ascertainable Records

- ✓ *RCRA NonGen / NLR* (facilities that no longer generate hazardous wastes).
- ✓ *FL Broward County Databases*.
- ✓ *NY Manifest* (hazardous waste tracking from generators through transporters to a TSD facility).
- ✓ *Florida Drycleaners list*, from the FDEP.
- ✓ *FL Broward County Hazardous Materials Sites List* (sites that use or store greater than 25 gallons of hazardous materials per month).
- ✓ *FL Broward County NOV (Notice of Violation)* facilities that have received an NOV letter under Broward County Chapter 27 code.
- ✓ *FL DWM CONTAM*: A listing of active or known sites that need cleanup but are not actively being working on because the agency currently does not have funding (primarily petroleum and dry-cleaning).

All facilities listed in the EDR report were reviewed and considered for inclusion. Facilities, such as RCRA-SQG and RCRA-CESQG that were not included in other lists of contaminated sites, were removed from consideration, as the potential for impact to the project is negligible from these sites.

All facilities listed in the EDR that had a potential to have an impact to the project were included in the review. This included, but was not limited to, all facilities with underground and above ground storage tanks, drycleaners, landfills, RCRA-LQG and other industrial waste (IW) generators.

5.3 Aerial Photograph Review

Aerial photographs from 1963 to 2019 were reviewed from the Broward County Public Works Department for the project corridor to evaluate historical land uses to determine potential contamination concerns. No concerns, other than the concerns listed in Section 7, were identified in the aerial photograph review. A summary of the review of historical aerial photography is provided in **Table 5-1**.

Table 5 - 1: Summary of Aerial Photograph Review

Aerial Date	Summary of Observed Conditions/Identified Concerns
1963	The area on the west of I-95 has been subdivided for development and appears to be sparsely developed. Single family homes are visible west of I-95 and to the north of NW 48 th Street on the east side of I-95. Rest of the area to the east appears to be agricultural.
1965	Development continues west of I-95. Single family homes are under development west of I-95. The areas to the east mostly remain agricultural except area north of NW 48 th Street which continues to be developed with single family homes.
1967	Development continues between I-95 and US 1, with additional residential developments east of Dixie Highway. The areas to the east remain agricultural. Sugar Sand Park's baseball field is under construction.
1969	Development continues between I-95 and US 1, mostly east of Dixie Highway. The areas to the east remain agricultural.
1971	Development continues between I-95 and Dixie Highway, with additional residential developments east of Dixie Highway. Land clearing is observed east of I-95 and single-family homes are developed north of NW 48 th Street.
1973	Development continues between I-95 and Dixie Highway, with additional residential developments east of Dixie Highway Land clearing is observed between I-95 and South Military Trail for single family homes. Construction for Deerfield Beach High School is observed.
1974	Development continues between I-95 and Dixie Highway, with additional residential developments east of Dixie Highway Land clearing is observed between I-95 and South Military Trail for single family homes. Construction for Deerfield Beach High School continues.
1975	Development continues between I-95 and Dixie Highway. Land clearing for Arlington Park is observed. Development continues with additional land clearing activities east of I-95.
1976	Development continues between I-95 and Dixie Highway. Development of single-family homes and housing communities start on east of I-95.
1977	Development continues between I-95 and Dixie Highway. Land clearing for small shopping complexes is observed west of I-95. Development of residential communities continues east of I-95.
1980	Development continues between I-95 and Dixie Highway. Land clearing for small shopping complexes is observed west of I-95. Development of residential communities continues east of I-95.
1984	Development and redevelopment of parcels continues between I-95 and Dixie Highway. Land clearing for Sawgrass Promenade (Phase I) and small warehouses east I-95 observed. Development of residential communities continues east of I-95.

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Aerial Date	Summary of Observed Conditions/Identified Concerns
1987	Development of minor parcels west of I-95 and redevelopment of parcels between I-95 and Dixie Highway. Development of Sawgrass Promenade (Phase I) continues east of I-95. Construction of Publix distribution center east of I-95 is also observed.
1990	Development of minor parcels between I-95 and Dixie Highway continues. Development of Sawgrass Promenade (Phase I) and Publix distribution center continues east of I-95. Residential communities continue to develop east of I-95.
1995	Most of the area has been developed. Minor development between I-95 and Dixie Highway. Land clearing for Sawgrass Promenade (Phase II) begins. Single home residential communities continue to develop east of I-95.
2000	Most of the area appears developed west of I-95. Phase I of Sawgrass Promenade appears developed while Phase II continues to develop.
2002	Development continues on the east of I-95. Land clearing activities is observed on the south side of Oveta McKeithen Recreational Complex.
2003	Most of the area on the west of I-95 looks to be developed. Minor changes in development are noticed north of SW 10 th Street.
2004	A change in the area of Oveta McKeithen Recreational Complex is observed with land clearing activities taking place. Development continues in the vicinity of the recreational complex. Some construction appears to be occurring after removal of topsoil from this landfill.
2005	Development is observed in the area southwest of the intersection of W Hillsboro Boulevard and I-95. Area west of Home Depot is been developed into a hotel. Some construction appears to be occurring after removal of topsoil from this landfill.
2006	Construction activities continue at the Oveta McKeithen Recreational Complex. Area south of the recreational complex continues to develop with the building's bottom slab in place.
2007	Area east of I-95 and south of Oveta McKeithen Recreational Complex is seen to be developed into a huge parking lot with future Deerfield Beach Parks and Recreation office under construction.
2008	No major development is noticed on either side of I-95.
2009	Deerfield Beach Parks and Recreation office, east of I-95, looks completely developed. Minor changes in the Sawgrass Promenade are observed.
2010	Development in the residential housing is observed immediately east of I-95 between W Hillsboro Boulevard and SE 10 th Street. Area is observed to be getting dense with new residential houses being developed.
2011	Minor development continues east of I-95 till S Dixie Highway. No land clearing activities is observed.
2014	Oveta McKeithen Recreational Complex seems to be fully developed with active baseball fields. Area south of the complex continues to be used as a parking lot with paved surface. No major changes are observed west of I-95.

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Aerial Date	Summary of Observed Conditions/Identified Concerns
2017	This photograph appears similar to current conditions.
2019	Minor development continues east of I-95. Land Clearing activities observed east of North Dixie Highway and South of NE 48 th Street. The land clearing appears to be for commercial warehouses development.

5.4 City Directory Review

No City Directory search was performed for this project. Typically, the City Directories will be reviewed, if sufficient and appropriate historical information is not available in the databases or other sources of information to determine the potential for contamination concerns. However, for this corridor study, required information is available in the databases and from the historical aerial review to determine the contamination risk ratings. Therefore, City Directories were not reviewed.

5.5 Field Observations

A site reconnaissance was performed on June 7, 2018 to confirm the locations of the sites identified in the Desktop Review and to identify any additional sites not identified in the Desktop Review. Photographs taken during the site reconnaissance are attached as **Appendix D**. An additional site reconnaissance was performed on July 1, 2020 to confirm the locations of the additional sites identified between NW 48th Street and Sample Road

In summary, the area is mainly commercial and residential. The project area was visually inspected for evidence of contamination such as stressed vegetation, vent and fill pipes, accumulated areas of debris, evidence of buried materials, areas of soil staining, etc. The site reconnaissance did not indicate any additional sites with a potential for contamination related issues other than the sites identified in the Desktop Review.

5.6 Contamination Potential Risk Ranking System

For sites identified in the Public Record as having reported contamination to a regulatory agency (FDEP, USEPA, and EPGMD), a search of available regulatory agency files database was made to gather information on the nature and extent of reported contamination.

After gathering and reviewing the above information and performing the site reconnaissance, a contamination risk ranking was assigned to sites that were identified as having a potential risk of existing soil or groundwater contamination. Please note that the contamination risk potential rating is based on current conditions and may not reflect conditions which may exist in the future.

The contamination potential risk or rating system we have used was developed by FDOT (Chapter 20 PD&E guidelines) and can be generally defined as the following four categories:

1. No - A review of available information on the property and a review of the conceptual or design plans indicates there is no potential contamination impact to the project. It is possible that contaminants have been handled on the property. However, findings from the Level I evaluation indicate that contamination impacts are not expected.
2. Low - A review of available information indicates that past or current activities on the property have an ongoing contamination issue; the site has a hazardous waste generator identification (ID) number, or the site stores, handles, or manufactures hazardous materials. However, based on the review of conceptual or design plans and/or findings from the Level I evaluation, it is not likely that there would be any contamination impacts to the project.
3. Medium - After a review of conceptual or design plans and findings from a Level I evaluation, a potential contamination impact to the project has been identified. If there is insufficient information (such as regulatory records or site historical documents) to make a determination as to the

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potential for contamination impact, and there is reasonable suspicion that contamination may exist, the property should be rated at least as a "Medium". Properties used historically as gasoline stations and which have not been evaluated or assessed by regulatory agencies, sites with abandoned in place underground petroleum storage tanks or currently operating gasoline stations should receive this rating.

4. High - After a review of all available information and conceptual or design plans, there is appropriate analytical data that shows contamination will substantially impact construction activities, have implications to ROW acquisition or have other potential transfer of contamination related liability to the FDOT.

6.0 LAND USE

The existing land uses within the project area were determined through the interpretation and review of the FDOT's 2017 Generalized Land Use Geographical Information Systems (GIS) layer. Land uses identified within the proposed ROW limits and adjacent to the corridor are shown in **Figure 6-1**.

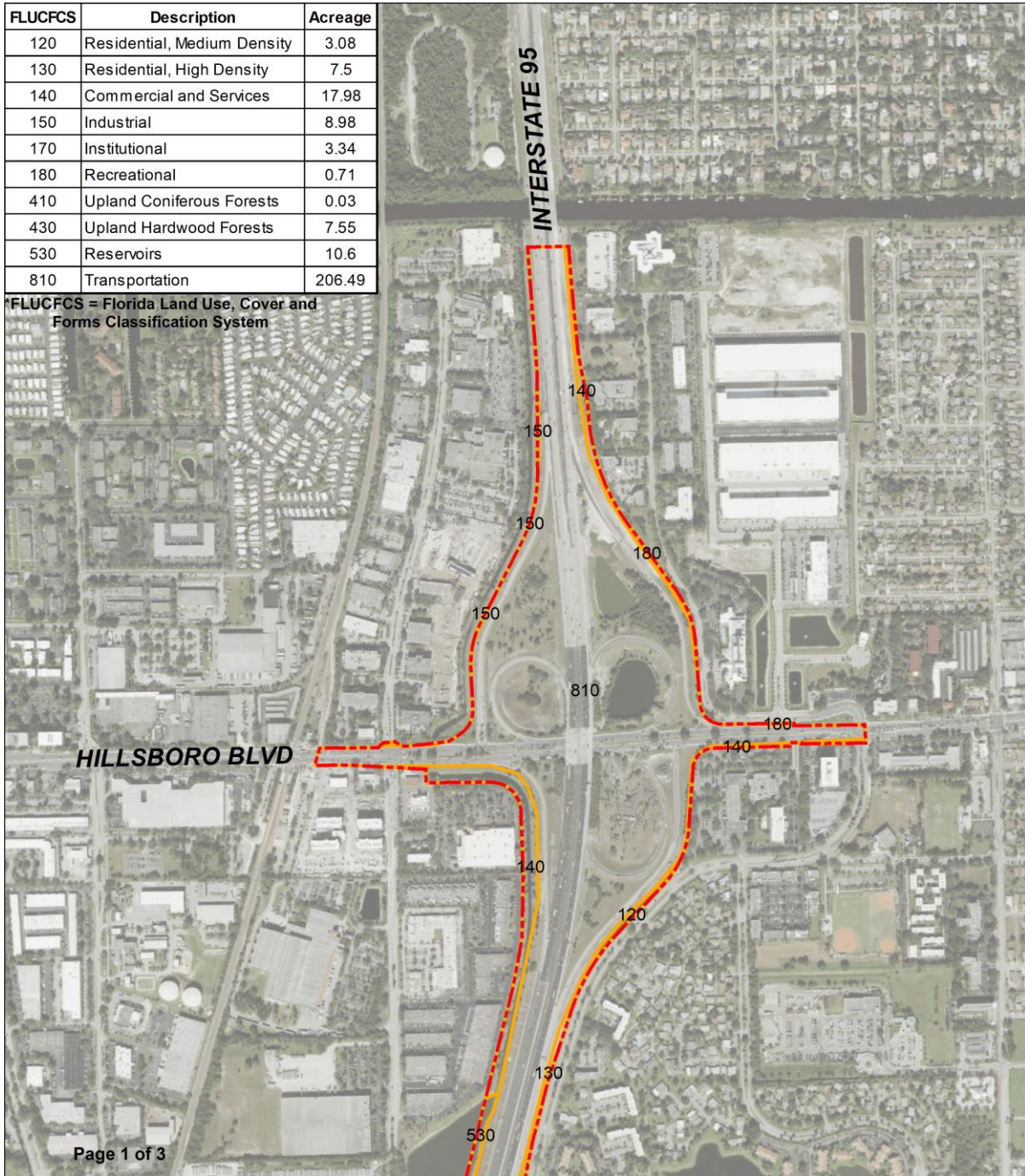
The majority of the land within and adjacent to the existing ROW is residential, industrial and retail/office. The land use within the ROW is primarily transportation and exists as either roads or bridges.

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FLUCFCS	Description	Acreage
120	Residential, Medium Density	3.08
130	Residential, High Density	7.5
140	Commercial and Services	17.98
150	Industrial	8.98
170	Institutional	3.34
180	Recreational	0.71
410	Upland Coniferous Forests	0.03
430	Upland Hardwood Forests	7.55
530	Reservoirs	10.6
810	Transportation	206.49

*FLUCFCS = Florida Land Use, Cover and Forms Classification System



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<p>MAP SOURCE: ESRI DATA SOURCE: AECOM 2020 & SFWMD</p> <p>Legend</p> <p> Preferred Build Alternative</p> <p> Preferred Build Alternative Land Uses</p>	<p>Existing Land Uses/Vegetative Cover I-95 from SW 10th St to Hillsboro Blvd PD&E Study Preferred Build Alternative</p> <p>Date: 4/14/2021</p>	
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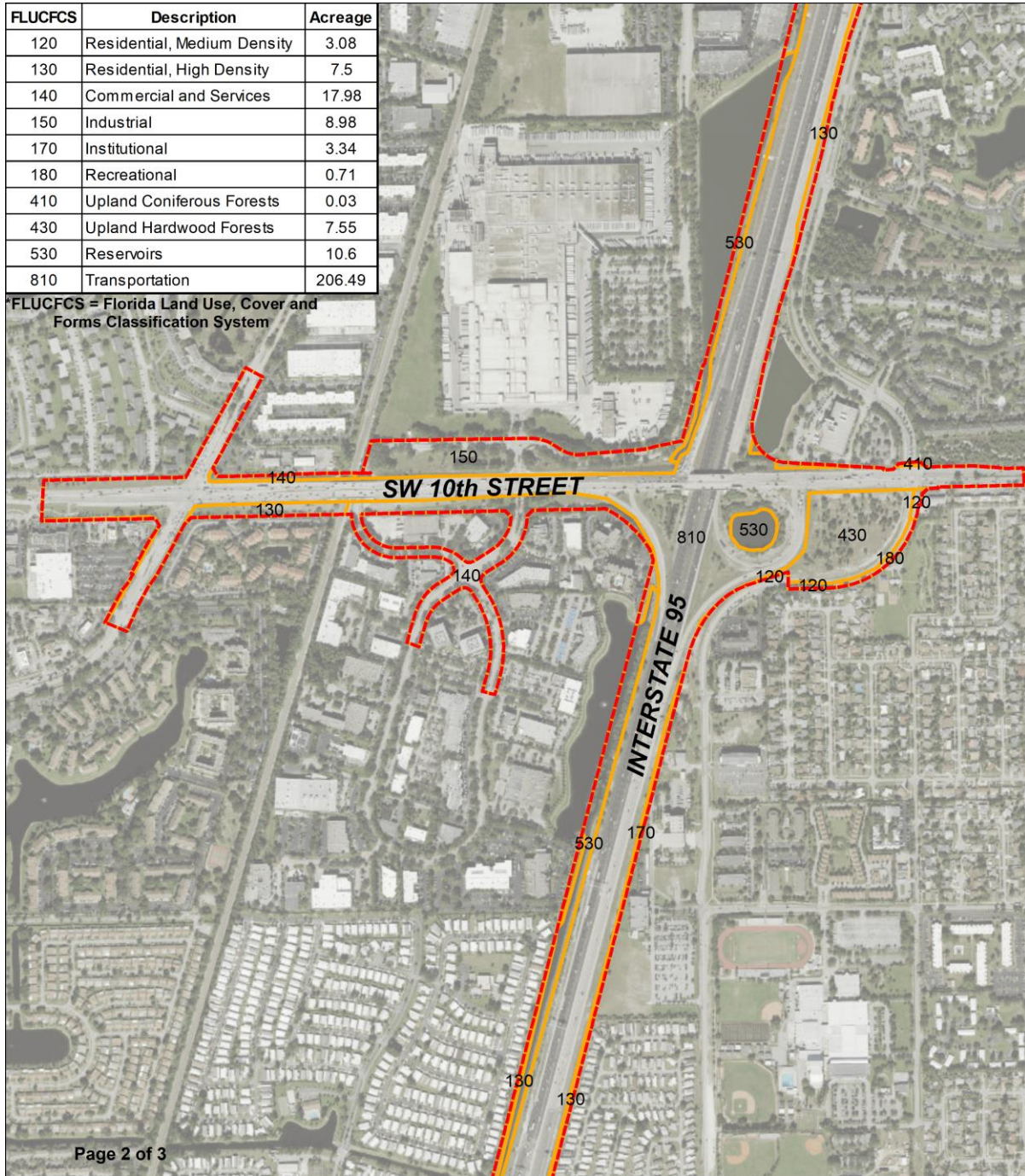
Figure 6 - 1: Project Corridor Land Use (1 of 3)

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Evaluation Report**

FLUCFCS	Description	Acreage
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810	Transportation	206.49

FLUCFCS = Florida Land Use, Cover and Forms Classification System



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<p>MAP SOURCE: ESRI DATA SOURCE: AECOM 2020 & SFWMD</p>	<p>Existing Land Uses/Vegetative Cover I-95 from SW 10th St to Hillsboro Blvd PD&E Study Preferred Build Alternative</p> <p>Date: 4/14/2021</p>	
<p>Legend</p> <p> Preferred Build Alternative</p> <p> Preferred Build Alternative Land Uses</p>		

Figure 6 – 1: Project Corridor Land Use (2 of 3)

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FLUCFCS	Description	Acreage
120	Residential, Medium Density	3.08
130	Residential, High Density	7.5
140	Commercial and Services	17.98
150	Industrial	8.98
170	Institutional	3.34
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410	Upland Coniferous Forests	0.03
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FLUCFCS = Florida Land Use, Cover and Forms Classification System



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<p>MAP SOURCE: ESRI DATA SOURCE: AECOM 2020 & SFWMD</p>	<p>Existing Land Uses/Vegetative Cover I-95 from SW 10th St to Hillsboro Blvd PD&E Study Preferred Build Alternative</p> <p>Date: 4/14/2021</p>	
<p>Legend</p> <p> Preferred Build Alternative</p> <p> Preferred Build Alternative Land Uses</p>		

Figure 6 – 1: Project Corridor Land Use (3 of 3)

7.0 HYDROLOGIC FEATURES

The geology and the hydrology of the area within the vicinity of the SR 9/I-95 from north of Sample Road to north of Hillsboro Boulevard PD&E Study are provided in the following sections.

7.1 Geology

The geology of Broward County is composed of quaternary sediments on the surface. The project area is underlain primarily by the Miami Limestone, with outcrops of the Anastasia Formation in northeast Broward County near the coast.

The Miami Limestone (formerly the Miami Oolite) occurs at or near the surface in southeastern peninsular Florida from Palm Beach County to Miami-Dade and Monroe counties. It forms the Atlantic Coastal Ridge and extends beneath the Everglades where it is commonly covered by thin organic and freshwater sediments. The Miami Limestone is a white to light gray limestone, variably fossiliferous, oolitic, and pelletal. It contains variable percentages of quartz sand, ranging from a sandy limestone to calcareous quartz sand.

The Atlantic Coastal Ridge is underlain by the Anastasia Formation from St. Johns County southward to Palm Beach County. The Anastasia Formation is composed of interbedded sands and coquina limestones. The most recognized facies of the Anastasia sediments is an orange-brown, un-indurated to moderately indurated, coquina of whole and fragmented mollusk shells in a matrix of sand often cemented by sparry calcite. Sands occur as light gray to tan and orange-brown, unconsolidated to moderately indurated, un-fossiliferous to very fossiliferous beds. The Anastasia Formation forms part of the Biscayne Aquifer in Broward County. The Anastasia Formation is a variably lithified coquina of shells and sands and un-lithified fossiliferous sand. These are underlain by undifferentiated shell beds, which include sediments previously placed in unit primarily differentiated by the included fauna (e.g., the Caloosahatchee, Ft. Thompson, and Nashua Formations).

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Shelly sediments of Plio-Pleistocene age – Tertiary-Quaternary Fossiliferous Sediments of Southern Florida – mollusk-bearing sediments of southern Florida contain some of the most abundant and diverse fossil faunas in the world. The origin of these accumulations of fossil mollusks is imprecisely known. These "formations" are biostratigraphic units. The "formations" previously recognized within the latest Tertiary-Quaternary section of southern Florida include the latest Pliocene - early Pleistocene Caloosahatchee Formation, the early Pleistocene Bermont formation (informal), and the late Pleistocene Fort Thompson Formation. This section consists of fossiliferous sands and carbonates. The identification of these units is problematic unless the significant molluscan species are recognized. Often exposures are not extensive enough to facilitate the collection of representative faunal samples to properly discern the biostratigraphic identification of the formation. Lithologically these sediments are complex, varying from unconsolidated, variably calcareous and fossiliferous quartz sands to well indurated, sandy, fossiliferous limestones (both marine and freshwater). Clayey sands and sandy clays are present. These sediments form part of the surficial aquifer system. These are underlain by the Tamiami Formation, which includes a wide range of mixed carbonate-siliciclastic lithologies and associated faunas.

7.1.1 Soils

Soil survey information for the PD&E Study area is based on field evidence and the United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) Soil Survey of Broward County, Florida – Eastern Part (1984) and the Hydric Soils of Florida Handbook (Hurt, 2007). Listed in **Table 7-1** are the soil types reported within the project study area, as classified by the USDA NRCS. A soils map of the project area is illustrated in **Figure 7-1**.

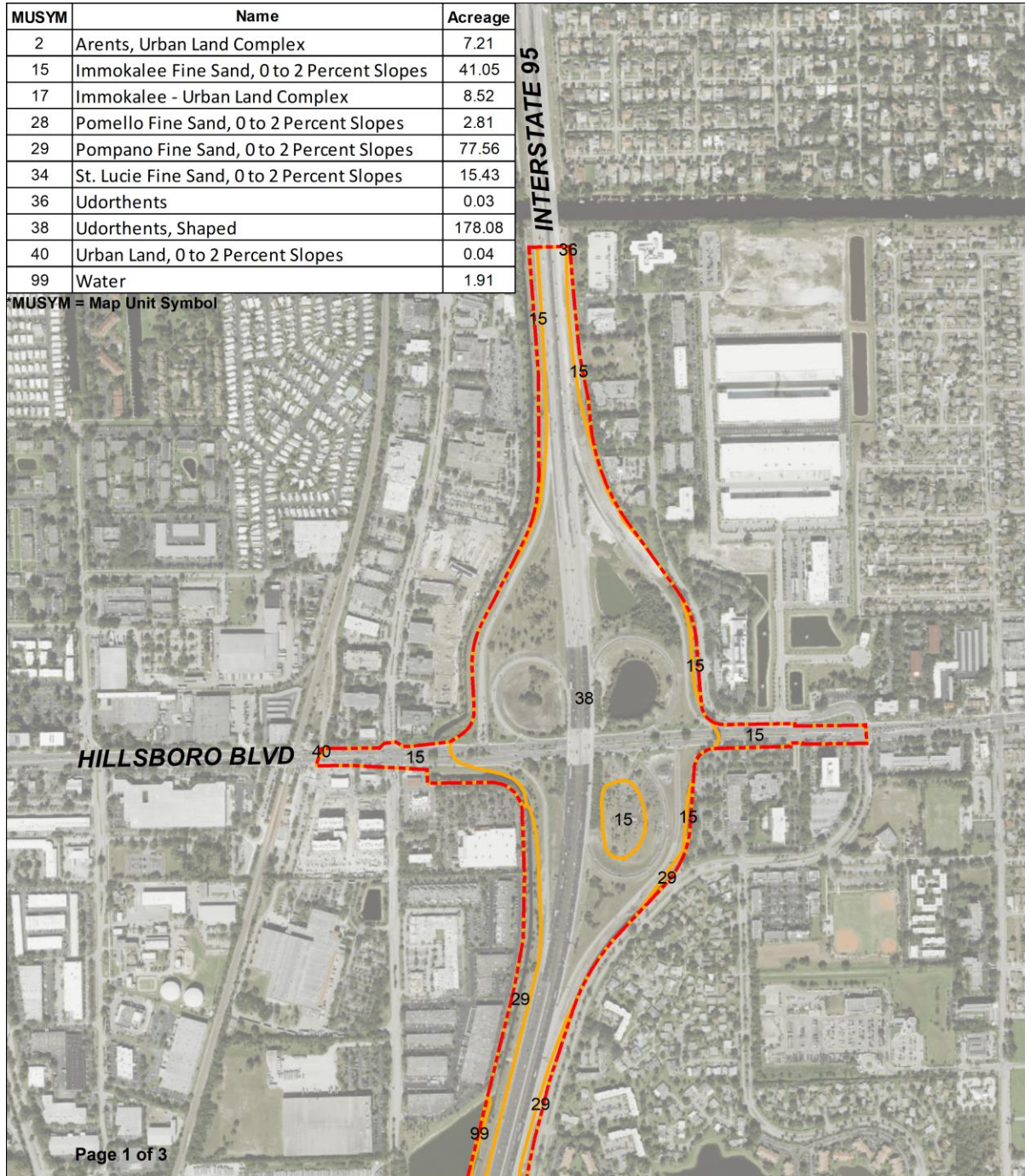
Table 7 - 1: Soil Types within Project Study Area

Mapped Soil Type	Hydric Y/N	Central Build Alternative		North Build Alternative	
		Area (acres)	% of Total	Area(acres)	% of Total
2 - Arents-Urban land complex	N	N/A	N/A	4.55	1.83%
15 - Immokalee fine sand, 0 to 2 percent slopes	Y	30.13	14.23%	30.47	12.24%
17 - Immokalee-Urban land complex	N	N/A	N/A	6.82	2.74%
23 - Paola-Urban land complex	N	1.10	0.52%	1.22	0.49%
26 - Pomello fine sand, 0 to 2 percent slopes	N	2.29	1.08%	N/A	N/A
28 - Pomello fine sand, 0 to 2 percent slopes	N	N/A	N/A	2.25	0.90%
29 - Pompano fine sand, 0 to 2 percent slopes	Y	45.52	21.50%	53.71	21.58%
34 - St. Lucie fine, 0 to 2 percent slopes	N	5.88	2.78%	5.80	2.33%
36 - Udorthents	N	0.24	0.11%	0.02	0.01%
38 - Udorthents, shaped	N	126.02	59.52%	142.54	57.25%
40 - Urban land	*	0.03	0.01%	0.03	0.01%
99 - Water	*	0.53	0.25%	1.53	0.61%
Total		211.74	100%	248.95	100%

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MUSYM	Name	Acreage
2	Arents, Urban Land Complex	7.21
15	Immokalee Fine Sand, 0 to 2 Percent Slopes	41.05
17	Immokalee - Urban Land Complex	8.52
28	Pomello Fine Sand, 0 to 2 Percent Slopes	2.81
29	Pompano Fine Sand, 0 to 2 Percent Slopes	77.56
34	St. Lucie Fine Sand, 0 to 2 Percent Slopes	15.43
36	Udorthents	0.03
38	Udorthents, Shaped	178.08
40	Urban Land, 0 to 2 Percent Slopes	0.04
99	Water	1.91

MUSYM = Map Unit Symbol



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<p>MAP SOURCE: ESRI DATA SOURCE: AECOM 2020 & NRCS</p> <p>Legend</p> <p> Preferred Build Alternative</p> <p> Preferred Build Alternative Soils</p>	<p>Soils Map I-95 from SW 10th St to Hillsboro Blvd PD&E Study Preferred Build Alternative</p> <p>Date: 4/14/2021</p>	 <p>0 250 500 1,000 Feet</p>
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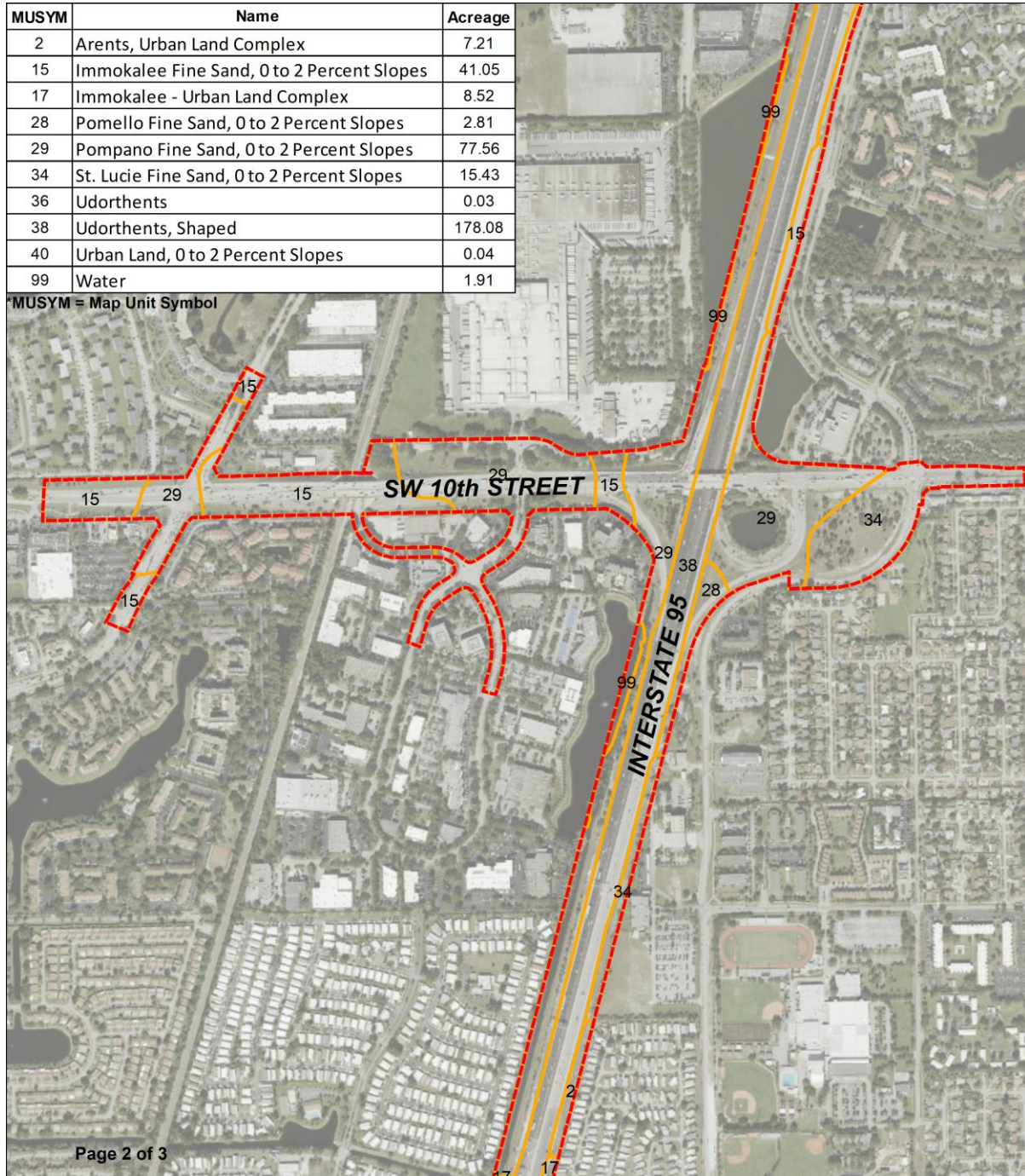
Figure 7 - 1: Soil Types within Project Study Area (1 of 3)

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MUSYM	Name	Acreage
2	Arents, Urban Land Complex	7.21
15	Immokalee Fine Sand, 0 to 2 Percent Slopes	41.05
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36	Udorthents	0.03
38	Udorthents, Shaped	178.08
40	Urban Land, 0 to 2 Percent Slopes	0.04
99	Water	1.91

MUSYM = Map Unit Symbol



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<p>MAP SOURCE: ESRI DATA SOURCE: AECOM 2020 & NRCS</p>	<p>Soils Map I-95 from SW 10th St to Hillsboro Blvd PD&E Study Preferred Build Alternative</p> <p>Date: 4/14/2021</p>	
<p>Legend</p> <p> Preferred Build Alternative</p> <p> Preferred Build Alternative Soils</p>		

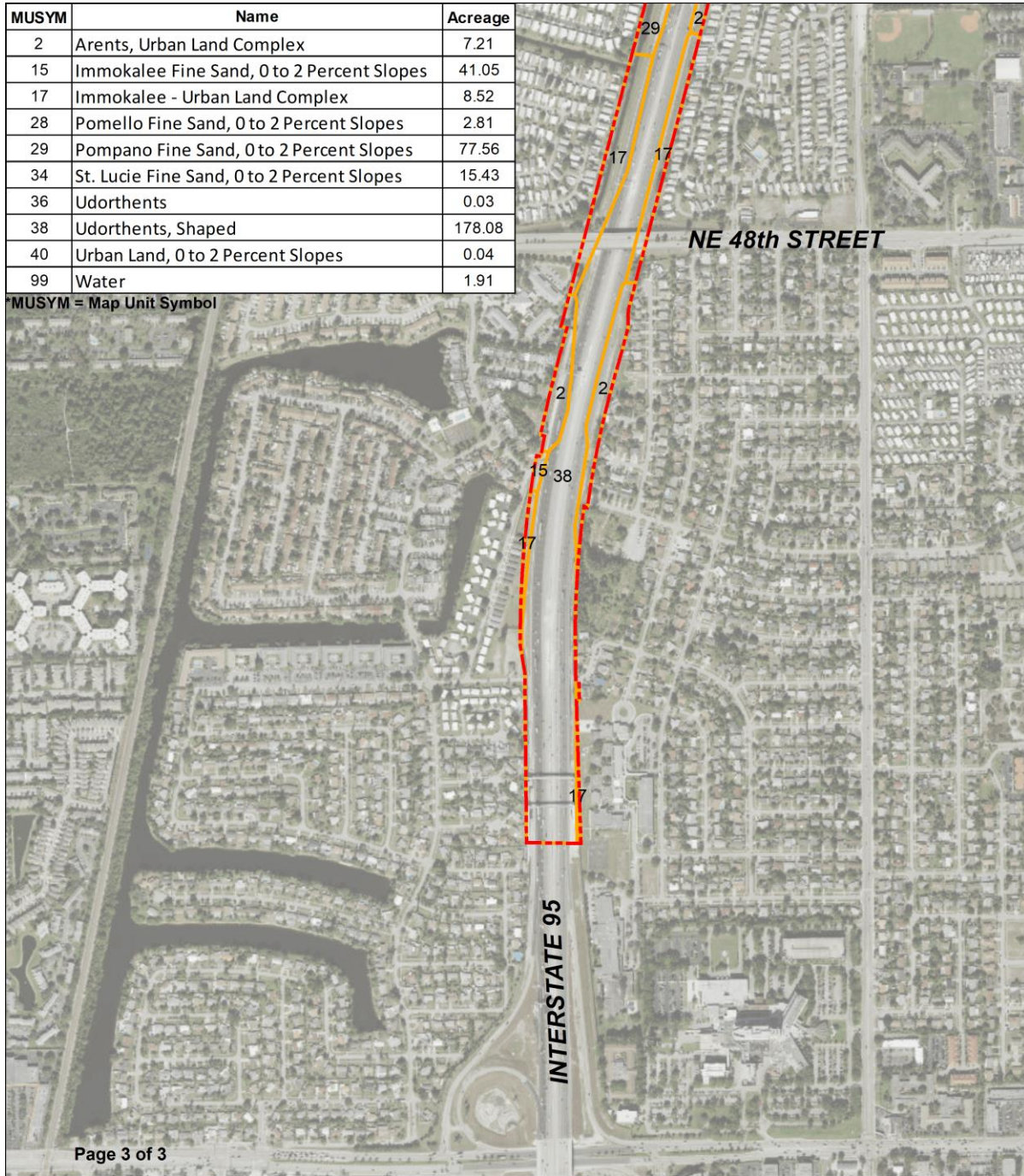
Figure 7 – 1: Soil Types within Project Study Area (2 of 3)

**SR-9/I-95 from South of NE 48th Street to
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MUSYM	Name	Acreage
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17	Immokalee - Urban Land Complex	8.52
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34	St. Lucie Fine Sand, 0 to 2 Percent Slopes	15.43
36	Udorthents	0.03
38	Udorthents, Shaped	178.08
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99	Water	1.91

MUSYM = Map Unit Symbol



Page 3 of 3


<p>MAP SOURCE: ESRI DATA SOURCE: AECOM 2020 & NRCS</p>	<p>Soils Map I-95 from SW 10th St to Hillsboro Blvd PD&E Study Preferred Build Alternative</p> <p>Date: 4/14/2021</p>	 <p>0 250 500 1,000 Feet</p>
<p>Legend</p> <p> Preferred Build Alternative</p> <p> Preferred Build Alternative Soils</p>		

Figure 7 – 1: Soil Types within Project Study Area (3 of 3)

7.2 Hydrology

The project area is underlain by the Biscayne Aquifer. The Biscayne Aquifer is the surficial aquifer of Broward County. It is the only named aquifer in the surficial aquifer system in Broward County and is the principal aquifer in Broward County. As such, it has been declared a sole-source aquifer (Federal Register Notice, 1979).

The Biscayne Aquifer, named after Biscayne Bay, is the source of the most important water supplies developed in southeastern Florida. It is the most productive of the shallow non-artesian aquifers in the area and is one of the most permeable in the world. The aquifer extends along the eastern coast from southern Miami-Dade County into coastal Palm Beach County as a wedge-shaped underground reservoir having the thin edge to the west. It underlies the Everglades as far as northern Broward County, though in that area it is comparatively thin, and the permeability is not as high as it is farther east and south.

The Biscayne Aquifer is composed of water-bearing rocks ranging in age from upper Miocene through Pleistocene. The aquifer is comprised, from bottom to top, of parts or all of the following formations:

1. Tamiami Formation (including only the uppermost part of the formation—a thin layer of highly permeable Tamiami Limestone of Mansfield);
2. Caloosahatchee Marl (relatively insignificant erosion remnants and isolated reefs);
3. Fort Thompson Formation (the southern part);
4. Anastasia Formation;
5. Key Largo Limestone; and
6. Pamlico Sand.

8.0 CONTAMINATION CONCERNS

The proposed project has been evaluated and potential contamination concerns have been identified for the proposed viable project Build Alternatives. For the viable build concepts, the degree of potential contamination concerns is equivalent due to the location and distance of the potential contaminated sites with reference to the proposed project layout.

As a result of a review of all available data, such as agency file reviews at Broward County EPGMD, and FDEP; the EDR database report; historical data reviews including aerial photography; and the site reconnaissance; the following 12 sites were identified to pose potential contamination concerns to the proposed project. The 12 identified sites, with risk rating (no risk, low risk, medium risk and high risk) associated with the project development, are described below. The locations of these sites are identified on **Figure 8-1** and are summarized in **Table 8-1**.

After a review of the information for the identified sites, site reconnaissance was conducted to confirm the locations of these sites and to identify any additional sites that could pose potential contamination concerns to the proposed construction activities. The locations of identified sites are confirmed, and no additional sites were identified.

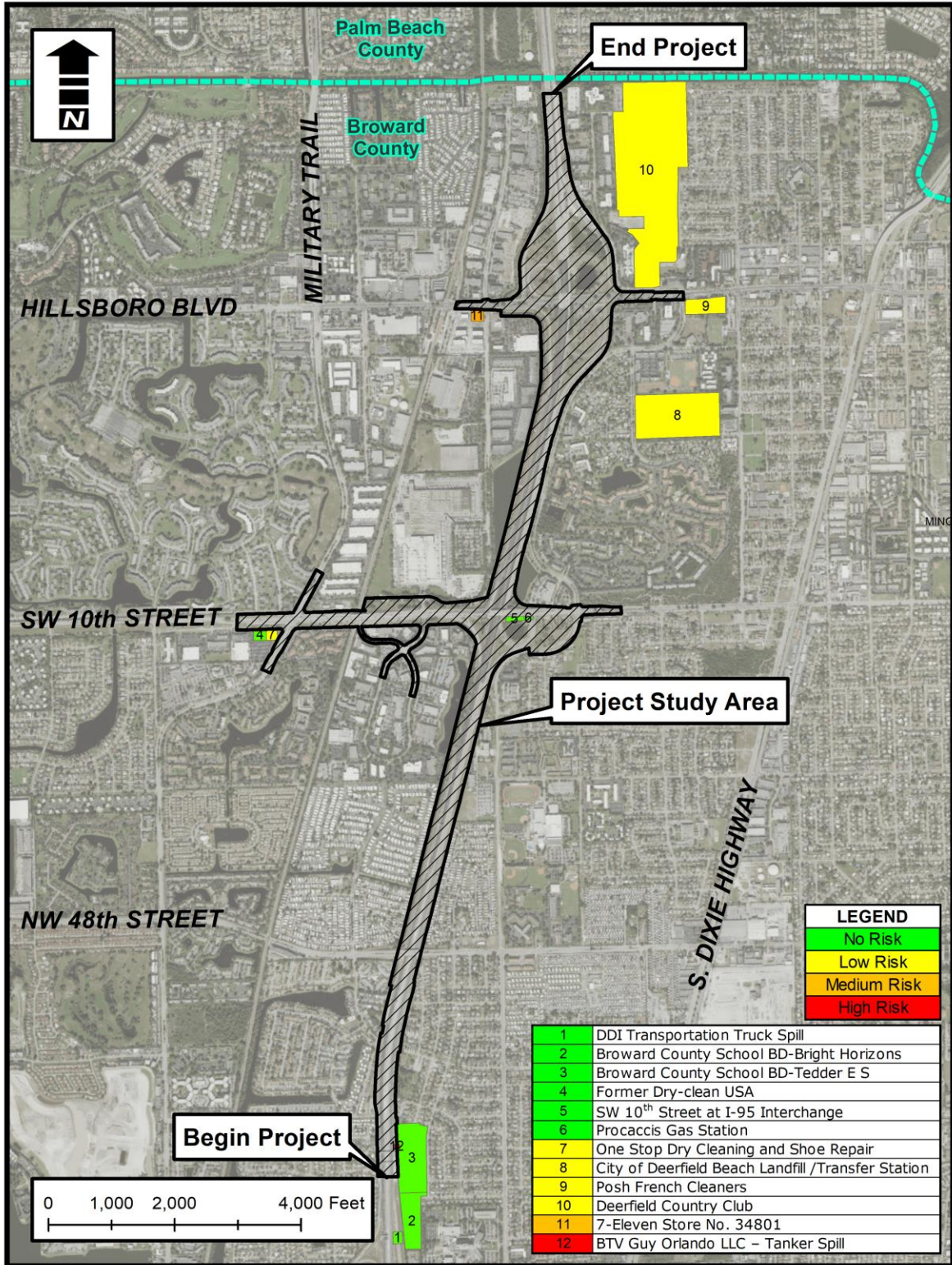


Figure 8 - 1: Potential Contamination Concerns

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Table 8 - 1: Potential Contaminated Sites in the Vicinity of the PD&E Study

Site ID	Property Description	Permit # / Facility ID	Environmental Compliance Agency	Regulated Storage Tanks	Distance from Project	Contamination Concern/ Regulatory Status	Risk Rating
1	DDI Transportation Truck Spill I-95 Near Sample Road -North Bound Pompano Beach FL 33064	06-9802066	FDEP	No	Within the project corridor	Former Spills	NO
2	Broward County School BD-Bright Horizons 3901 NE 1 st Terrace Pompano Beach FL 33064	06-9047323	FDEP	No	150 feet southeast of southern terminus of the corridor	Erroneous inclusion in the list and determined that no cleanup was required	NO
3	Broward County School BD-Tedder E S 4157 NE 1 st Terrace Pompano Beach FL 33064	06-9047396	FDEP	No	100 feet east	Erroneous inclusion in the list and determined that no cleanup was required	NO
4	Former Dry-clean USA 1379 South Military Trail Deerfield Beach FL 33441	06-9500804	FDEP	No	200 feet southwest	Former Dry Cleaner facility; Demolished. Site Closure without restrictions issued in 2013	NO
5	SW 10 th Street at I-95 Interchange Deerfield Beach FL 33441 Broward County	23473	FDEP	No	Within the project corridor	Former spills	NO

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Site ID	Property Description	Permit # / Facility ID	Environmental Compliance Agency	Regulated Storage Tanks	Distance from Project	Contamination Concern/ Regulatory Status	Risk Rating
6	Procacci's Gas Station 1100 SW 10 th Street Deerfield Beach FL 33441	06-9602459	FDEP	No	Within the project corridor	Former gasoline station that was removed in 1999	NO
7	One Stop Dry Cleaning and Shoe Repair 1323 South Military Trail Deerfield Beach FL 33441	06-9800735	FDEP	No	200 feet southwest	Closure without restrictions issued in 2017	LOW
8	City of Deerfield Beach Landfill /Transfer Station 360 SW 4 th Street Deerfield Beach FL 33442	SW 53368 /95123 /96035	FDEP	No	700 feet southeast	Former landfill, Soil contamination	LOW
9	Posh French Cleaners 498 W Hillsboro Boulevard Deerfield Beach FL 33441	06-9500890	FDEP	Yes	175 feet southeast	Site Closure without restrictions issued in 2008	LOW
10	Deerfield Country Club 50 Fairway Drive Deerfield Beach FL 33441	1898B	EPGMD	Yes	550 feet east	Arsenic contamination in soil and groundwater	LOW
11	7-Eleven Store No. 34801 1200 W Hillsboro Boulevard Deerfield Beach FL 33442	06-8502350	FDEP	Yes	150 feet south	Site Closure without restrictions issued, active gasoline station	MEDIUM

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Site ID	Property Description	Permit # / Facility ID	Environmental Compliance Agency	Regulated Storage Tanks	Distance from Project	Contamination Concern/ Regulatory Status	Risk Rating
12	BTV Guy Orlando LLC - Tanker Spill I-95 Northbound at Sample Road Pompano Beach FL 33064	06-9817567	FDEP/ EPGMD	No	Within the project corridor	Petroleum Contamination in soil and groundwater	HIGH

8.1 Regulatory Database Review

SITE #1 - NO RISK

**DDI Transportation Truck Spill
I-95 Near Sample Road – North Bound
Pompano Beach FL 33064
Broward County
FDEP Facility ID: 06-9802066**

This site is located on the north bound ROW of I-95, approximately 200 feet north of Sample Road. Per the regulatory files, a 250-gallon diesel spill occurred on July 26, 1999 from a ruptured fuel line of a DDI Transport tractor-trailer. Applied Earth Sciences, Inc. (AES) submitted a letter report (dated August 31, 1999) on behalf of Magnum Tank Services, Inc., to the FDEP, Bureau of Emergency Response. The case was later referred to the Broward County Department of Planning and Environmental Protection, Pollution Prevention and Remediation Division. Broward County in their letter dated February 16, 2000, indicated that limited sampling was required due to elevated soil vapor readings from depths of two to four feet below land surface (bls) which ranged from 600 parts per million (ppm) to 900 ppm.

Subsequent to this, Environmental Compliance Services, Inc., conducted soil and groundwater assessment at the site in June 2000. The assessment confirmed that no free product was present at the site and the soil vapor readings were below detection limits (BDL). Additionally, the soil analytical results indicated that the concentrations of petroleum related constituents were BDL. The groundwater analytical results indicated presence of benzene (16 µg/L), in a temporary monitoring well TMW-1, above the GCTL of 1.0 µg/L as set forth in Chapter 62-777, FAC. Based on the concentrations of benzene in the groundwater above the GCTL, Broward county indicated that a Site Assessment was required. As concentrations of contaminants in soil were BDL, no further assessment or remediation of soil was required.

Subsequent to this, four (4) monitoring wells were installed in the vicinity of TMW-1 and sampled in March 2001 in order to assess the benzene contamination. The laboratory analytical results indicated that concentrations

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of benzene and other petroleum related constituents were below the respective GCTL of each parameter analyzed. Based on this, closure for the site was requested, which was approved by Broward County in their letter dated July 11, 2001. Based on the available information, the risk rating for this site is **No Risk**.

SITE #2 - NO RISK

**Broward County School BD-Bright Horizons
3901 NE 1st Terrace
Pompano Beach FL 33064
Broward County
FDEP Facility ID: 06-9047323**

This site is located approximately 150 feet east/southeast of the southern terminus of the project corridor. On March 5, 1987 the Broward County School Board (Board) submitted applications for the Early Detection Incentive (EDI) program for all of their 95 facilities that had fuel storage tanks. At the time, it was not clear if any of the facilities had contamination. Later, two more facilities were added making the total number of facilities to 97.

Subsequent investigations conducted, by Board's consultant Malcolm Pirnie, Inc., revealed that only 14 of the 97 facilities were contaminated. The Board provided FDEP with information regarding the 14 contaminated sites and requested that the other applications for 83 sites be withdrawn. Their request was granted in a letter dated April 18, 1989.

Subsequent to this, an agreement was established with Broward County for the 83 sites not having any contamination. Pursuant to this agreement dated December 18, 2006, this facility was granted a No Cleanup Required (NREQ) status in the letter dated March 2, 2007. Based on the available information, the risk rating for this site is **No Risk**.

SITE #3 - NO RISK
Broward County School BD-Tedder E S
4157 NE 1st Terrace
Pompano Beach FL 33064
Broward County
FDEP Facility ID: 06-9047396

The subject site is located approximately 100 feet east of the project corridor. On March 5, 1987 the Broward County School Board (Board) submitted applications for the Early Detection Incentive (EDI) program for all of their 95 facilities that had fuel storage tanks. At the time, it was not clear if any of the facilities had contamination. Later, two more facilities were added making the total number of facilities to 97.

Subsequent investigations conducted by Malcolm Pirnie, Inc., the Board's consultant, revealed that only 14 of the 97 facilities were contaminated. The Board provided FDEP with information regarding the 14 contaminated sites and requested that the other applications for 83 sites be withdrawn. Their request was granted in a letter dated April 18, 1989.

Subsequent to this, an agreement was established with Broward County for the 83 sites not having any contamination. Pursuant to this agreement dated December 18, 2006, the subject facility was granted a No Cleanup Required (NREQ) status in the letter dated March 2, 2007. Based on the available information, the risk rating for this site is **No Risk**.

SITE #4 - NO RISK
Former Dry-clean USA
1379 South Military Trail
Deerfield Beach FL 33441
Broward County
FDEP Facility ID: 06-9500804

This facility is located 200 feet southwest of the project corridor. This facility is in the Sawgrass Promenade shopping plaza, which is located southwest of the intersection between South Military Trail and SW 10th Street. Dry-cleaning

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operations were conducted at the site from 1985 to August 1998. On October 23, 1996, FDEP received an application to include the facility under the Dry-cleaning Solvent Program Cleanup (DSPC). During the initial site screening assessment, trichloroethylene (TCE) was detected at one foot below ground surface in soil at a concentration of 32 microgram/Kilogram ($\mu\text{g}/\text{kg}$). This concentration is above the Soil Cleanup Target Levels (SCTL) of $6.4\mu\text{g}/\text{kg}$ per Chapter 62-777 of Florida Administrative Code (FAC). Subsequently, the site was determined to be eligible for state funded DSPC on January 27, 1997. H.S.A Engineers and Scientists (H.S.A) conducted contamination assessment at the site between December 2012 and January 2013. The analytical results indicated presence of tetrachloroethylene (PCE) having the highest concentration of $3.7\mu\text{g}/\text{kg}$ above the SCTL (leachability based on groundwater criteria) of $0.03\mu\text{g}/\text{kg}$. No contaminants were detected at concentrations above applicable SCTLs. The highest contaminant detected in a groundwater sample collected at the site was 6.19 microgram per liter ($\mu\text{g}/\text{L}$) of cis-1, 2-dichloroethene below the Groundwater Cleanup Target Level (GCTL) of $70\mu\text{g}/\text{L}$ per Chapter 62-777 of FAC. No other contaminants were detected in any of the groundwater samples collected from the monitoring wells or the onsite irrigation well.

H.S.A concluded that the site had met the No Further Action (NFA) requirements as all the detected contaminants were below their respective Cleanup Target Levels (CTLs) and also the potential receptors, specifically Public Water Supply Well, was not impacted by the operations formerly conducted at the facility. A recommendation was made to FDEP to issue a Site Rehabilitation Completion Order (SRCO), which was subsequently issued in 2013. Based on the information available, the risk rating for this site is **No Risk**.

**SITE #5 - NO RISK
SW 10th Street at I-95 Interchange
Deerfield Beach FL 33441
Broward County
FDEP Spill ID: 23473**

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This area is within the project corridor. The EDR Report indicated two spills at this site, one in 1999 and the second one in 2003. The EDR Report also indicated that these incidents were closed. The FDEP database does not consist of any information related to these incidents. Based on the available information, the risk rating for this site is **No Risk**.

SITE #6 - NO RISK

**Procacci's Gas Station
1100 SW 10th Street
Deerfield Beach FL 33441
Broward County
FDEP Facility ID: 06-9602459**

This facility is located within the project corridor. This facility applied for a permit in 1994 to install 3 USTs and operate as a gasoline station. However, the tank registration form from 1998 indicated that the tanks were never installed, and this facility never operated. This facility was not included in any of the contaminated databases and no additional information is available in the regulatory database. Based on the available information, the risk rating for this site is **No Risk**.

SITE #7 - LOW RISK

**One Stop Dry Cleaning and Shoe Repair
1323 South Military Trail
Deerfield Beach FL 33441
Broward County
FDEP Facility ID: 06-9800735**

This facility is located 200 feet southwest of the project corridor. This facility is in the Sawgrass Promenade shopping plaza, which is located southwest of the intersection between South Military Trail and SW 10th Street. Per the regulatory records, the facility used chlorinated solvents and eventually switched to hydrocarbons-based solutions between March 2009 and July 2009.

An initial Site Screening Report submitted in December 1998 indicated presence of PCE in soil at a concentration of 45µg/kg above the SCTL

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(industrial direct exposure) of 18 µg/kg. No further assessment activities were conducted until December 2012. The 2012 assessment indicated that minor releases of PCE occurred within the facility over time, which appeared to have caused both soil and groundwater contamination. The concentration of PCE exceeded its default leachability based SCTL (0.03µg/kg) at one location at a depth of 2.5 feet below ground surface. The groundwater plume extended from the vicinity of the drycleaner to southeast approximately 250 feet onto the adjacent property.

To address this contamination plume, GHD Services, Inc. (GHD) developed a Remedial Action Plan (RAP) in January 2014 that consisted of a Soil Vapor Extraction (SVE) treatment system. The system was constructed in December 2014 and operated between February 2015 and January 2016. Following cessation of active remediation and confirmatory soil sampling, periodic groundwater monitoring was conducted between June 2016 and December 2016. No contaminants were detected in the soil or groundwater at concentrations exceeding the applicable CTLs.

GHD concluded that the site had met the NFA requirements and recommended that the department issue a SRCO in their report dated January 2017, which was subsequently issued by FDEP in February 2017. However, due to this facility being adjacent to the project corridor and is still being used as a dry-cleaning facility, the risk rating for this site is **Low Risk**.

SITE #8 - LOW RISK

City of Deerfield Beach Landfill/Transfer Station

360 SW 4th Street

Deerfield Beach FL 33442

Broward County

FDEP Facility IDs: SW 53368/95123/96035

The facility is located approximately 700 feet southeast of project corridor. Per the aerial photography, this facility appears to be an old landfill that was used as a landfill/waste transfer station between early 1970s and late 1990s. The regulatory database does not consist of the required periodical groundwater monitoring reports, except from 2001. The groundwater

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analytical data submitted by the City to FDEP did not indicate the parameters that were analyzed for above the applicable method detection levels. Additionally, in 2001, the topsoil was tested prior to using that as top cover at landfills at Palm Beach and Martin Counties. The analysis indicated only arsenic above the applicable SCTL. However, FDEP approved the use as arsenic was not found to be at leachable level. There is no further documentation related to assessment or monitoring subsequent to 2005 in FDEP database. Based on the information that the arsenic contamination is limited to soil and below leachable level, the risk rating for this site is **Low Risk**.

**SITE #9 - LOW RISK
Posh French Cleaners
498 W Hillsboro Boulevard
Deerfield Beach FL 33441
Broward County
FDEP Facility ID: 06-9500890**

The facility is located approximately 175 feet southeast of the project corridor. This facility is located within the Hillsboro Gardens Shopping Plaza in the southeast quadrant of the intersection of W Hillsboro Boulevard and SW Natura Boulevard. This facility has been in operation since mid-1980s as Posh French Cleaners and has one existing petroleum aboveground storage tank (AST). The regulatory files indicated that contamination of PCE at 40µg/kg above SCTL (industrial direct exposure) of 18µg/kg was observed in April 1996 during site screening activities as a part of DSCP application. The site was given a score of 58 and was rescored to 139 in 2002. Arcadis completed site assessment activities in 2004. Concentration of PCE in soil (160µg/kg) and shallow groundwater (270µg/L) was found above the CTLs of 18µg/kg and 270µg/L, respectively. An SVE system was installed in August 2006 and was operated until March 2007. Post-active remedial monitoring (PARM) events conducted between March 2007 and March 2008 indicated that no contaminants were detected in soil or groundwater above their respective CTLs. Arcadis concluded that the site had met the NFA requirements and FDEP issued the NFA status to the site in April 2008. However, due to the historical

**Contamination Screening
Evaluation Report**

presence of contamination and the site's proximity to the project corridor, the risk rating for this site is **Low Risk**.

SITE#10 - LOW RISK

Deerfield Country Club

50 Fairway Drive

Deerfield Beach FL 33441

Broward County

BCEPD Facility ID: 1898B

This facility is located east of the project corridor and directly north of Hillsboro Boulevard, separated by Fairway Drive. This facility consists of approximately 75 acres of developed former golf course land located in a mix of residential and commercial area. This site is bound by Hillsboro Canal on the north, Fairway and Double Tree Hotel on the west, Fairway and Hillsboro Boulevard to the south, and NW 4th Avenue to the east. Based on a review of historical records, the property has been used as a golf course since the early 1960s. Prior to that, the property was vacant, undeveloped land since at least 1947. Per the regulatory files, herbicides, pesticides, fungicides, and fertilizers were historically stored onsite and were applied to the golf course area for turf maintenance. Two 500-gallon ASTs containing vehicular diesel fuel and unleaded gasoline have been used historically on the site.

Site assessments have been conducted since 2012. Nutting Environmental of Florida (NEF) detected concentrations of arsenic and toxaphene above their respective residential SCTLs and commercial SCTLs during their assessment between 2012 and 2013. In December 2013, Conestoga-Rovers & Associates (CRA) collected supplemental site assessment samples in the vicinity of the golf course equipment storage area. The analytical results indicated arsenic exceeding its residential SCTL. Groundwater sampling detected concentrations of arsenic above GCTL in the majority of on-site wells. NEF's final monitoring event in May 2013 yielded concentrations of arsenic exceeding its Natural Attenuation Default Concentrations (NADCs) Criteria. A source removal plan was developed by NEF and CRA to identify impacted soil with high level of arsenic contamination and relocate it to on-site under foundations, parking lot pavement, or 2-feet of clean fill.

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Based on the aerial photographic review, the golf course was closed in 2016 and construction appears to be beginning. The intended future use of the site includes construction of commercial/industrial warehouses, paved parking, interconnected roadways and a community center. As the site is being developed in phases, soil relocation activities have been going on concurrently. SCS Engineers (SCS) in their reports from 2017 and 2018 have requested Level II and level III NFA Risk Management Option. Broward County has not approved any requests to date. The site groundwater flows northwest according to the latest assessment report, which is towards the proposed construction activities. SCS in their March 2017 report stated that the contaminated groundwater is confined within the northern portion and is not migrating offsite.

Subsequently, in a report dated September 27, 2018, SCS requested the county to grant an No Further Action with Conditions (NFAC) closure to the site based on the analytical results of previous groundwater assessments. SCS reported that the arsenic concentrations in groundwater exceeded the GCTL as well as the NADCs, however the concentrations appeared to be stable and did not appear to be migrating offsite. The area with the arsenic plume is more than 500 feet east of the project corridor. Based on the presence of the groundwater arsenic plume, restriction of groundwater use was proposed, which was approved by Broward County Environmental Engineering and Permitting Division (EPPD) in their correspondence dated January 9, 2019. Also, an Engineering Control and Maintenance Plan dated November 5, 2018 was prepared by SCS and submitted to EPPD outlining the plan to handle the contaminated soil at the site. The report was not available for review, but an approval letter from EPPD dated September 24, 2019 was reviewed.

Based on the available information, it appears that the contaminated soil has been handled at the facility. However, groundwater contamination still exists at the site, but is contained within the property. Since the distance of the contaminated area is more than 500 feet away from the project corridor, any dewatering operations conducted within the project corridor will not impact the contamination plume at this site. Therefore, the risk rating for this site is **Low Risk.**

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SITE#11 - MEDIUM RISK
7-Eleven Store No. 34801
1200 W Hillsboro Boulevard
Deerfield Beach FL 33442
Broward County
FDEP Facility ID: 06-8502350

The facility is located approximately 150 feet south of project corridor and in the southwest quadrant of the intersection of W Hillsboro Boulevard and SW 12th Avenue. This facility is currently being operated as a 7-Eleven gas station, with one (1) 12,000-gallon, two (2) 8,000-gallon, and two (2) 6,000-gallon gasoline USTs. In July 1977, one (1) 6,000-gallon, one (1) 8,000-gallon, and one (1) 12,000-gallon gasoline USTs were removed from the site. Another 6,000-gallon gasoline UST was removed in July 1983. On December 28, 1988, a discharge notification form was submitted to Broward County Department of Natural Resource Protection. A RAP was developed and modified over the time between July 1992 and May 2009. The remedial system consisted of a combination of Air Stripping/ SVE wells. This facility has been under annual and quarterly monitoring program to monitor the groundwater contamination. The latest analytical data from October 2017 indicated that none of active monitoring wells exceeded the GCTLs for Polycyclic Aromatic Hydrocarbons (PAHs). The site groundwater flow has been historically presumed to be towards northwest direction and towards the proposed construction activities.

Based on the October 2017 report, Broward County in their correspondence dated November 30, 2017 concurred with the recommendation of issuing NFA status to this facility. A Well Abandonment Report was submitted on May 17, 2019 following which FDEP issued an SRCO on June 18, 2019. However, per the Chapter 20 of the PD&E Manual, as this facility is operating as a gasoline station, the risk rating for this facility is **Medium Risk**.

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SITE #12 - HIGH RISK
BTV Guy Orlando LLC – Tanker Spill
I-95 Northbound at Sample Road
Pompano Beach FL 33064
Broward County
FDEP Facility ID: 06-9817567

The subject site is located adjacent to I-95 Northbound lanes between the shoulder and the sound barrier walls. On May 12, 2019, a vehicular accident on I-95 near Sample Road resulted in discharge of approximately 4,200 gallons of diesel fuel. Subsequently, a Discharge Reporting Form (DRF) was filed on May 13, 2019. The case was forwarded to EEPD.

Multiple inspections were conducted between May 14, 2019 and May 28, 2019. The inspector reported that soil removal activities were conducted between May 22 and May 28. During this time, soil was loaded from the site for disposal. Quantity of soil disposed was not included in the inspection reports available in the regulatory files. The inspector also reported that the excavation pit was left open at the time of soil removal activities to allow for the skimming of exposed groundwater. No additional information was available for review regarding methods employed to remediate the impacted groundwater. On February 28, 2020, EEPD issued a warning letter requesting the responsible party to submit an applicable Site Assessment Report, Source Removal Report and Remedial Action Plans. No additional documents were available for review.

During the site reconnaissance, no excavation pit was found at the site and the area seemed to be regraded with sod. Considering the location of the spill, the unknown levels and extent of groundwater contamination and unavailability of regulatory files for review, the risk rating for this site is **High Risk**.

8.2 Impacts to Proposed Drainage Facilities

Along SW 10th Street, from east of Military Trail to west of the railroad tracks, the proposed roadway improvements are within the Broward County Water

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Control District #2 C-2 canal basin. Drainage for this portion is incorporated in the adjacent SW 10th Street Connector PD&E Study from Florida's Turnpike/Sawgrass Expressway to SR 9/I-95 (FM 439891-1-22-02). Drainage improvements include collection and conveyance of runoff and proposed stormwater management facilities (SMF) within the C-2 canal basin.

Along SW 10th Street, east of the railroad tracks to I-95 and the remaining portion of the study along I-95, from south of NE 48th Street to north of Hillsboro Boulevard, the proposed I-95 improvements are within the Broward County Water Control District #2 C-1 canal basin. Drainage improvements include collection and conveyance of runoff, proposed SMFs and floodplain compensation (FPC) sites within the C-1 canal basin. New SMFs (wet and/or dry retention areas) are proposed within the FDOT ROW along SW 10th Street and I-95 as well as regrading/modifying existing infield ponds at the interchanges to accommodate treatment and attenuation requirements. The locations of the potential SMFs are depicted in **Figure 8-2**. The final locations and configurations of the SMFs will be determined during the Final Design Phase of the project. In addition, to compensate for impacts to existing floodplains, offsite (outside the limits of I-95 ROW) FPC sites may be required. Potential locations for FPC sites are also depicted in **Figure 8-2**. Similarly, the final locations and configurations of the FPC sites will be determined during the Final Design Phase of the project. The SMFs and the FPCs within the limits of the project study area (as depicted on **Figure 8-2**) are not located within any of the contaminated areas discussed in this report.

The SFWMD and the FDOT require that the post-development discharge rates not exceed the pre-development discharge rates. The proposed design will be analyzed with the SFWMD 25 year – 72-hour storm event. The SFWMD and FDOT criteria will be met with the new stormwater management system. In addition, SFWMD and FDOT storm water quality criteria are anticipated to be met with construction of the new stormwater management system. Therefore, water quality impacts to downstream receiving waters are not anticipated to occur.

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Please refer to the Preliminary Engineering Report at FDOT IV offices in Fort Lauderdale, Florida for additional details of the existing and proposed drainage system for this study.

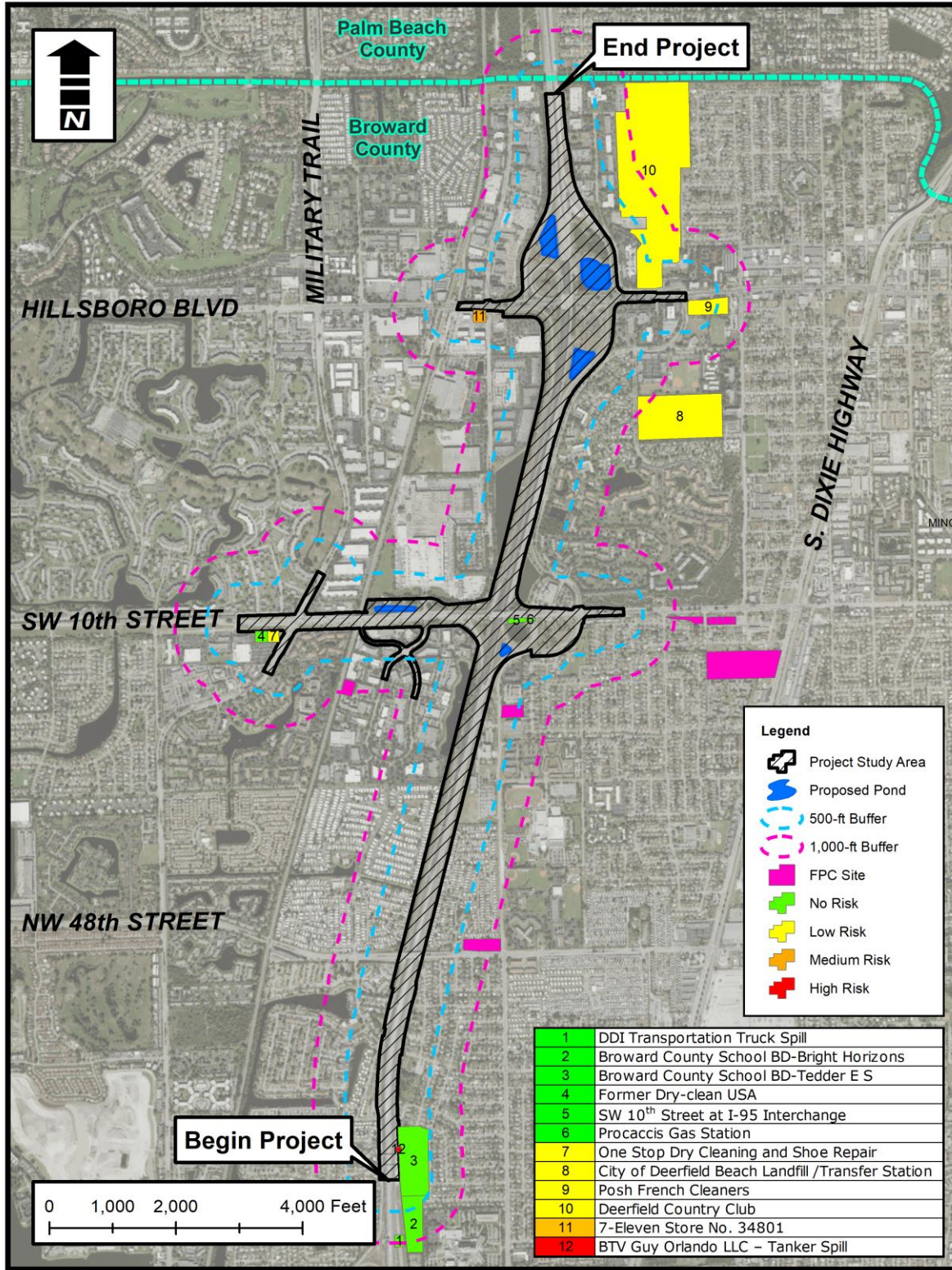


Figure 8 - 2: Proposed SMFs and FPCs in the Vicinity

8.3 Summary of Asbestos Survey Reports

Surveys for asbestos-containing materials (ACM) to identify accessible ACM in various bridges along and across the project corridor (I-95) in Broward County and Palm Beach County, Florida were conducted between 2005 and 2011. The surveys were conducted pursuant to National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements and performed by EPA/AHERA (Environmental Protection Agency/Asbestos Hazard Emergency Response Act) accredited asbestos inspectors as listed below. Individual reports for the seven (7) bridges are available for review at FDOT IV offices in Fort Lauderdale, Florida for further details.

- Bridge #1: August 2011 Michael Love and Jeffrey Knight of GLE
- Bridge #2: November 2005 by Pedro Diaz of ATC
- Bridge #3: August 2011 by Michael Love and Jeffrey Knight of GLE
- Bridge #4: August 2011 by Michael Love and Jeffrey Knight of GLE
- Bridge #5: November 2005 Pedro Diaz of ATC
- Bridge #6: September 2010 Rafe Padgett and Emory Dare of GLE
- Bridge #7: July 2011 Rafe Padgett and Matthew Miller of GLE

Table 8 - 2: Summary of Asbestos Presence

#	MP	Direction	Bridge#	Bridge Details	ACM Detected
1	1.795	East/West	860122	NE 48 th St Bridge over I-95	No
2	2.02	East/West	860123	SW 10 th St Bridge over I-95	No
3	24.617	Southbound	860124	I-95 over Hillsboro Boulevard	No
4	24.618	Northbound	860194	I-95 over Hillsboro Boulevard	No
5	1.599	Westbound	860553	SW 10 th St over SC Railroad tracks	No
6	1.599	Eastbound	860557	SW 10 th St over Tri-Rail tracks and SW 12 th Avenue	No
7	0.7	East/West	930197	SW 18 th St Bridge over I-95	No

None of the samples collected from the materials from the seven (7) bridges during their respective surveys were defined as ACM.

9.0 CONCLUSIONS AND RECOMMENDATIONS

Potential contamination impacts in the area surrounding the project corridor were assessed for the viable Build Alternatives, including the No-Action Alternative, in accordance with Volume 2, Chapter 20 of the FDOT PD&E Manual.

After a review of all available data, such as agency file reviews at Broward County and FDEP, the EDR database report, aerial photography, and confirmed by site reconnaissance, contamination of soil and groundwater has been documented in the vicinity of the project corridor. A total of 12 sites of potential environmental concern were identified for the project corridor; of these, one (1) site is rated as High risk, one (1) site is rated as Medium risk, four (4) sites are rated as Low risk, and six (6) sites are rated as No risk. Remaining sites identified in the above-referenced sources are not considered to pose potential contamination concerns because of the current regulatory status of the site and/or the distance from the project corridor.

The FDOT District IV Planning and Environmental Management Office will utilize the information contained in this report to determine the need for additional investigation during the design phase of the Project. The Level II Contamination Assessment investigation may be conducted prior to any ROW acquisition and/or prior to the design phase, should any become necessary. Based on the findings of updated future review and Level II investigation, the design engineers may be instructed to avoid the areas of concern or to include special provisions with the plans to require that the construction activities performed in the areas of concern be performed or supervised by a contamination assessment and remediation contractor specified by the FDOT.

It must be recognized that the possibility exists that some contaminated substances, petroleum products, or environmental contamination not identified during this assessment may exist on or in the immediate vicinity of the project. This is because regulatory agency records are not always complete; not all leaks, spills, and discharges are reported; not all USTs and ASTs are registered. It is unknown if any registered substances were illegally dumped or were deposited during past construction activities.

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**SR-9/I-95 from South of NE 48th Street to
North of Hillsboro Boulevard
PD&E Study
FM No. 436964-1-22-01**

If construction dewatering will be necessary during construction, a Water Use Permit from SFWMD may be required. The contractor will be held responsible for ensuring compliance with any necessary dewatering permit(s). The dewatering plan will need to consider the radius of influence of any dewatering activity on nearby contamination plumes to avoid potential contamination plume exacerbation. All permits will be obtained in accordance with Federal, State, and local laws and regulations and in coordination with the District Contamination Impact Coordinator (DCIC).

Appendix A

EDR Report

I-95/SW 10st St-Hillsboro
Deefield Beach, FL 33442

Inquiry Number: 5219283.1s
March 14, 2018

EDR DataMap™ Corridor Study



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

DEEFIELD BEACH, FL 33442
DEEFIELD BEACH, FL 33442

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
SEMS	Superfund Enterprise Management System
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	National Clandestine Laboratory Register
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
US MINES	Mines Master Index File
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System

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RMP.....	Risk Management Plans
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
COAL ASH DOE.....	Steam-Electric Plant Operation Data
2020 COR ACTION.....	2020 Corrective Action Program List
PRP.....	Potentially Responsible Parties
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
US HIST CDL.....	Delisted National Clandestine Laboratory Register
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
IHS OPEN DUMPS.....	Open Dumps on Indian Land
ABANDONED MINES.....	Abandoned Mines
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
FEMA UST.....	Underground Storage Tank Listing
FEDERAL FACILITY.....	Federal Facility Site Information listing
LEAD SMELTERS.....	Lead Smelter Sites

STATE AND LOCAL RECORDS

FL SHWS.....	Florida's State-Funded Action Sites
FL UIC.....	Underground Injection Wells Database Listing
FL SWRCY.....	Recycling Centers
FL LAST.....	Leaking Aboveground Storage Tank Listing
FL ENG CONTROLS.....	Institutional Controls Registry
FL VCP.....	Voluntary Cleanup Sites
FL DEDB.....	Ethylene Dibromide Database Results
FL Cattle Dip. Vats.....	Cattle Dipping Vats
FL FF TANKS.....	Federal Facilities Listing
FL SITE INV SITES.....	Site Investigation Section Sites Listing

TRIBAL RECORDS

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

EDR PROPRIETARY RECORDS

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
FL RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
FL RGA LF.....	Recovered Government Archive Solid Waste Facilities List

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.

EXECUTIVE SUMMARY

FEDERAL RECORDS

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/11/2017 has revealed that there are 2 SEMS-ARCHIVE sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SENSORMATIC ELECTRON	500 NW 12TH AVE	17	31
DEERFIELD BEACH CITY	SW 3RD AVE & SW 4TH	50	187

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

A review of the RCRA-SQG list, as provided by EDR, and dated 12/11/2017 has revealed that there are 9 RCRA-SQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SENSORMATIC ELECTRON	588 JIM MORAN BLVD	13	20
LIST INDUSTRIES INC	401 JIM MORAN BLVD	17	37
J.B. PAINTING & WATE	303 JIM MORAN BLVD	21	54
MASYC SOUTHERN CORP	185 JIM MORAN BLVD	23	71
POSH FRENCH CLEANERS	498 W HILLSBORO BLVD	32	115
HOME DEPOT #218	60 SW 12TH AVE	39	158
NEWS & SUN SENTINEL	333 SW 12TH AVE	45	175
PUBLIX DEERFIELD BEA	777 SW 12TH AVE	56	208
ONE STOP DRY CLEANER	1323 S MILITARY TRL	84	280

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/11/2017 has revealed that there are

EXECUTIVE SUMMARY

21 RCRA-CESQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BENNETTE MARINE	550 JIM MORAN BLVD	14	23
INVESTORS FEDERAL SA	500 FAIRWAY DR # STE	15	25
INVESTORS FEDERAL SA	500 FAIRWAY DR # ST.	15	26
TARMAX INC	455 FAIRWAY DR	16	28
J M FAMILY ENTERPRIS	201 NW 12 AVE	21	53
UPS INC	1332 NW 3RD ST	22	68
HILTON HOTEL	100 FAIRWAY DR	24	74
WAWA FLORIDA #5242	20 SW 12TH AVE	38	155
CHEM TEC EQUIPMENT C	234 SW 12TH AVE	44	168
BENNETTE MARINE	550 NORTHWEST 12TH A	53	192
AURORA INTERNATIONAL	668 S MILITARY TRL	54	197
METPATH	858 S MILITARY TRL	54	198
CHECKROBOT INC	692 S MILITARY TRL	54	199
ICL CORP	774 S MILITARY TRL	55	207
WAL-MART NEIGHBORHO	1101 S MILITARY TRL	72	260
DIAMOND INNOVATIONS	1121 W NEWPORT CENTE	73	264
SULZER PLASMA TECHNI	1143 W.NEWPORT CNTR	75	266
BI LINK METAL SPECIA	1215 W NEWPORT CENTE	82	276
BI - LINK METAL SPEC	1215 WEST NEWPORT CN	82	278
ONE STOP DRY CLEANER	1323 S MILITARY TRL	84	286
OXYGEN DEVELOPMENT L	1441 W NEWPORT CENTE	94	302

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/11/2017 has revealed that there are 19 RCRA NonGen / NLR sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
APTEK WILLIAMS INC	700 JIM MORAN BLVD	8	11
COSMO INTERNATIONAL	601 FAIRWAY DR	11	17
REAL TIME LABORATORI	350 NW 12 AVE	17	29
SENSORMATIC ELECTRON	500 NW 12TH AVE	17	31
CONTROL MACHINING	300 JIM MORAN BLVD	21	49
PYLON MFG CORP	201 HILLSBORO PLZ	21	51
MOBIL OIL CORP SS #4	1200 W HILLSBORO BLV	35	133
SAVANNAH LABS SOUTH	414 SW 12TH AVE	49	185
I T ENVIRONMENTAL SE	466 SW 12TH AVE	52	190
METRITTEK CORP	600 SW 12TH AVE	53	191
SKAN A MATIC CORP	550 SW 12TH AVENUE	53	194
ICL CORP	774 S MILITARY TRL	55	204
EXXONMOBIL OIL CORP	900 SW 10TH ST	60	234
AIR DIMENSIONS INC	1015 W NEWPORT CENTE	68	257
CAPITAL SUPPLY INC	1015 W NEWPORT CENTE	68	258
ONE PRICE DRY CLEANE	1145 S MILITARY TRL	80	270
DRY CLEAN USA	1379 S MILITARY TRL	87	288
IMAGING INTERNATIONA	1407 W NEWPORT CENTE	89	292
QUEST DIAGNOSTICS IN	1300 E NEWPORT CENTE	90	295

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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 12/31/2016 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>
PUBLIX DEERFIELD BEA	777 SW 12TH AVE	56	208

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 07/23/2017 has revealed that there are 29 FINDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
APTEK WILLIAMS INC	700 JIM MORAN BLVD	8	11
COSMO INTERNATIONAL	601 FAIRWAY DR	11	17
SENSORMATIC ELECTRON	588 JIM MORAN BLVD	13	20
REAL TIME LABORATORI	350 NW 12 AVE	17	29
SENSORMATIC ELECTRON	500 NW 12TH AVE	17	31
CONTROL MACHINING	300 JIM MORAN BLVD	21	49
PYLON MFG CORP	201 HILLSBORO PLZ	21	51
MASYC SOUTHERN CORP	185 JIM MORAN BLVD	23	71
POSH FRENCH CLEANERS	498 W HILLSBORO BLVD	32	115
MOBIL OIL CORP SS #4	1200 W HILLSBORO BLV	35	133
HOME DEPOT #218	60 SW 12TH AVE	39	158
PALM VILLAGE		40	166
CHEM TEC EQUIPMENT C	234 SW 12TH AVE	44	168
NEWS & SUN SENTINEL	333 SW 12TH AVE	45	175
DEERFIELD BCH CITY	NATURA AVENUE	47	179
SAVANNAH LABS SOUTH	414 SW 12TH AVE	49	185
I T ENVIRONMENTAL SE	466 SW 12TH AVE	52	190
BENNETTE MARINE	550 NORTHWEST 12TH A	53	192
CHECKROBOT INC	692 S MILITARY TRL	54	199
ICL CORP	774 S MILITARY TRL	55	207
DEERFIELD BEACH, CIT	MILITARY TRL & SW 10	62	242
TROLLEY ENTERPRISES,	998 S MILITARY TRAIL	62	243
AIR DIMENSIONS INC	1015 W NEWPORT CENTE	68	257
WAL-MART NEIGHBORHOOD	1101 S MILITARY TRL	72	260
BI LINK METAL SPECIA	1215 W NEWPORT CENTE	82	276
ONE STOP DRY CLEANER	1323 S MILITARY TRL	84	286
DRY CLEAN USA	1379 S MILITARY TRL	87	288
IMAGING INTERNATIONAL	1407 W NEWPORT CENTE	89	292
QUEST DIAGNOSTICS IN	1300 E NEWPORT CENTE	90	295

EXECUTIVE SUMMARY

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 01/13/2018 has revealed that there are 27 ECHO sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<i>APTEK WILLIAMS INC</i>	<i>700 JIM MORAN BLVD</i>	<i>8</i>	<i>11</i>
<i>COSMO INTERNATIONAL</i>	<i>601 FAIRWAY DR</i>	<i>11</i>	<i>17</i>
<i>SENSORMATIC ELECTRON</i>	<i>588 JIM MORAN BLVD</i>	<i>13</i>	<i>20</i>
<i>REAL TIME LABORATORI</i>	<i>350 NW 12 AVE</i>	<i>17</i>	<i>29</i>
<i>SENSORMATIC ELECTRON</i>	<i>500 NW 12TH AVE</i>	<i>17</i>	<i>31</i>
<i>CONTROL MACHINING</i>	<i>300 JIM MORAN BLVD</i>	<i>21</i>	<i>49</i>
<i>PYLON MFG CORP</i>	<i>201 HILLSBORO PLZ</i>	<i>21</i>	<i>51</i>
<i>MASYC SOUTHERN CORP</i>	<i>185 JIM MORAN BLVD</i>	<i>23</i>	<i>71</i>
<i>POSH FRENCH CLEANERS</i>	<i>498 W HILLSBORO BLVD</i>	<i>32</i>	<i>115</i>
<i>MOBIL OIL CORP SS #4</i>	<i>1200 W HILLSBORO BLV</i>	<i>35</i>	<i>133</i>
<i>HOME DEPOT #218</i>	<i>60 SW 12TH AVE</i>	<i>39</i>	<i>158</i>
<i>CHEM TEC EQUIPMENT C</i>	<i>234 SW 12TH AVE</i>	<i>44</i>	<i>168</i>
<i>NEWS & SUN SENTINEL</i>	<i>333 SW 12TH AVE</i>	<i>45</i>	<i>175</i>
<i>SAVANNAH LABS SOUTH</i>	<i>414 SW 12TH AVE</i>	<i>49</i>	<i>185</i>
<i>I T ENVIRONMENTAL SE</i>	<i>466 SW 12TH AVE</i>	<i>52</i>	<i>190</i>
<i>BENNETTE MARINE</i>	<i>550 NORTHWEST 12TH A</i>	<i>53</i>	<i>192</i>
<i>CHECKROBOT INC</i>	<i>692 S MILITARY TRL</i>	<i>54</i>	<i>199</i>
<i>ICL CORP</i>	<i>774 S MILITARY TRL</i>	<i>55</i>	<i>207</i>
<i>DEERFIELD BEACH, CIT</i>	<i>MILITARY TRL & SW 10</i>	<i>62</i>	<i>242</i>
<i>TROLLEY ENTERPRISES,</i>	<i>998 S MILITARY TRAIL</i>	<i>62</i>	<i>243</i>
<i>AIR DIMENSIONS INC</i>	<i>1015 W NEWPORT CENTE</i>	<i>68</i>	<i>257</i>
<i>WAL-MART NEIGHBORHOOD</i>	<i>1101 S MILITARY TRL</i>	<i>72</i>	<i>260</i>
<i>BI LINK METAL SPECIA</i>	<i>1215 W NEWPORT CENTE</i>	<i>82</i>	<i>276</i>
<i>ONE STOP DRY CLEANER</i>	<i>1323 S MILITARY TRL</i>	<i>84</i>	<i>286</i>
<i>DRY CLEAN USA</i>	<i>1379 S MILITARY TRL</i>	<i>87</i>	<i>288</i>
<i>IMAGING INTERNATIONA</i>	<i>1407 W NEWPORT CENTE</i>	<i>89</i>	<i>292</i>
<i>QUEST DIAGNOSTICS IN</i>	<i>1300 E NEWPORT CENTE</i>	<i>90</i>	<i>295</i>

US AIRS: The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

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

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<i>PUBLIX DEERFIELD BEA</i>	<i>777 SW 12TH AVE</i>	<i>56</i>	<i>208</i>

Database: US AIRS MINOR, Date of Government Version: 10/12/2016

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

FL 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 FL SWF/LF list, as provided by EDR, has revealed that there are 4 FL SWF/LF sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
TIRE TOWN VENTURES I Database: SWF/LF, Date of Government Version: 01/17/2018 Facility-Site Id: 102723 Class Status: INACTIVE (I)	1601 JUANA ROAD	4	8
DEERFIELD BCH CITY Database: SWF/LF, Date of Government Version: 01/17/2018 Facility-Site Id: 53368 Class Status: CLOSED, NO GW MONITORING (J)	NATURA AVENUE	47	179
CITY OF DEERFIELD BE Database: SWF/LF, Date of Government Version: 01/17/2018 Facility-Site Id: 95123 Class Status: ACTIVITY NOT PERMITTED/REGISTERED (N)	360 SW 4TH STREET	51	189
GLOBAL MEDIA GROUP, Database: SWF/LF, Date of Government Version: 01/17/2018 Facility-Site Id: 97406 Class Status: INACTIVE (I)	1121 S. MILITARY TRA	76	267

FL 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 FL LUST list, as provided by EDR, and dated 01/09/2018 has revealed that there are 14 FL LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FL DEPT OF TRANSP-TR Discharge Cleanup Status: REPT - REPORT OF DISCHARGE RECEIVED Facility Status: CLOSED Facility-Site Id: 9202776	S FL RAIL CORRIDOR &	1	4
UNITED PARCEL SERVIC Discharge Cleanup Status: NFA - NFA COMPLETE Facility Status: OPEN Facility-Site Id: 8625857	1332 NW 3RD ST	22	57
DEERFIELD COUNTRY CL Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED Facility Status: CLOSED Facility-Site Id: 8838218	50 FAIRWAY DR	25	75
FCE #1813 Discharge Cleanup Status: RA - RA ONGOING	301 W HILLSBORO BLVD	28	80

EXECUTIVE SUMMARY

Facility Status: OPEN			
Facility-Site Id: 8943503			
BP - DEERFIELD #582	299 W HILLSBORO BLVD	29	91
Discharge Cleanup Status: RA - RA ONGOING			
Facility Status: OPEN			
Facility-Site Id: 8501838			
SUNSHINE #300035	1277 W HILLSBORO BLV	31	102
Discharge Cleanup Status: NFA - NFA COMPLETE			
Discharge Cleanup Status: SRCR - SRCR COMPLETE			
Facility Status: OPEN			
Facility-Site Id: 8731682			
SUNSHINE 357	1790 W HILLSBORO BLV	34	120
Discharge Cleanup Status: RA - RA ONGOING			
Discharge Cleanup Status: NFA - NFA COMPLETE			
Facility Status: OPEN			
Facility-Site Id: 8501702			
7-ELEVEN STORE #3480	1200 W HILLSBORO BLV	35	136
Discharge Cleanup Status: RA - RA ONGOING			
Facility Status: OPEN			
Facility-Site Id: 8502350			
SUN SENTINEL	333 SW 12TH AVENUE	45	172
Discharge Cleanup Status: NFA - NFA COMPLETE			
Facility Status: OPEN			
Facility-Site Id: 8944790			
LARRY KLINE WHOLESAL	350 GOOLSBY BLVD	48	181
Discharge Cleanup Status: SA - SA ONGOING			
Facility Status: OPEN			
Facility-Site Id: 8731640			
PUBLIX DEERFIELD BEA	777 SW 12TH AVE	56	217
Discharge Cleanup Status: SRCR - SRCR COMPLETE			
Discharge Cleanup Status: NFA - NFA COMPLETE			
Facility Status: OPEN			
Facility-Site Id: 8945000			
CEN-DEER MANAGEMENT	998 S MILITARY TRL	62	244
Discharge Cleanup Status: NFA - NFA COMPLETE			
Facility Status: CLOSED			
Facility-Site Id: 8840464			
DEERFIELD BEACH CITY	994 S MILITARY TRL	62	249
Discharge Cleanup Status: NFA - NFA COMPLETE			
Facility Status: OPEN			
Facility-Site Id: 8622498			
BEST WESTERN	1050 E NEWPORT CENTE	66	254
Discharge Cleanup Status: NFA - NFA COMPLETE			
Facility Status: CLOSED			
Facility-Site Id: 9807870			

EXECUTIVE SUMMARY

FL TANKS: This listing includes storage tank facilities that do not have tank information. The tanks have either be closed or removed from the site, but the facilities were still registered at some point in history.

A review of the FL TANKS list, as provided by EDR, and dated 01/10/2018 has revealed that there are 2 FL TANKS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FL DEPT OF TRANSP-TR Facility Status: CLOSED Facility ID: 9202776	S FL RAIL CORRIDOR &	1	4
BEST WESTERN Facility Status: CLOSED Facility ID: 9807870	1050 E NEWPORT CENTE	66	254

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

A review of the FL UST list, as provided by EDR, has revealed that there are 20 FL UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
800 FAIRWAY Database: UST, Date of Government Version: 01/10/2018 Tank Status: B Facility-Site Id: 8840449 Facility Status: OPEN	800 FAIRWAY DR	10	14
UNITED PARCEL SERVIC Database: Broward Co. UST, Date of Government Version: 12/04/2017 Database: UST, Date of Government Version: 01/10/2018 Tank Status: U Tank Status: B Facility-Site Id: 8625857 Facility ID: 00791 Facility Status: OPEN Tank Status: B. Removed From Site Tank Status: U. In-Service	1332 NW 3RD ST	22	57
DEERFIELD COUNTRY CL Database: UST, Date of Government Version: 01/10/2018 Tank Status: B Facility-Site Id: 8838218 Facility Status: CLOSED	50 FAIRWAY DR	25	75
FCE #1813 Database: Broward Co. UST, Date of Government Version: 12/04/2017 Database: UST, Date of Government Version: 01/10/2018 Tank Status: B Tank Status: U Facility-Site Id: 8943503 Facility ID: 03617 Facility Status: OPEN	301 W HILLSBORO BLVD	28	80

EXECUTIVE SUMMARY

Tank Status: U. In-Service			
Tank Status: Z. Tank No Longer Contains Regulated Substance			
BP - DEERFIELD #582	299 W HILLSBORO BLVD	29	91
Database: Broward Co. UST, Date of Government Version: 12/04/2017			
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: U			
Tank Status: B			
Facility-Site Id: 8501838			
Facility ID: 03722			
Facility Status: OPEN			
Tank Status: B. Removed From Site			
Tank Status: U. In-Service			
JM FAMILY ENTERPRISE	100 JIM MORAN BLVD N	30	100
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: B			
Facility-Site Id: 8841585			
Facility Status: OPEN			
SUNSHINE #300035	1277 W HILLSBORO BLV	31	102
Database: Broward Co. UST, Date of Government Version: 12/04/2017			
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: U			
Facility-Site Id: 8731682			
Facility ID: 02617			
Facility Status: OPEN			
Tank Status: U. In-Service			
Tank Status: 1. Installation / Modification; Out-of-Service			
SUNSHINE 357	1790 W HILLSBORO BLV	34	120
Database: Broward Co. UST, Date of Government Version: 12/04/2017			
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: B			
Tank Status: U			
Facility-Site Id: 8501702			
Facility ID: 02293			
Facility Status: OPEN			
Tank Status: U. In-Service			
Tank Status: B. Removed From Site			
7-ELEVEN STORE #3480	1200 W HILLSBORO BLV	35	136
Database: Broward Co. UST, Date of Government Version: 12/04/2017			
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: B			
Tank Status: U			
Facility-Site Id: 8502350			
Facility ID: 02464			
Facility Status: OPEN			
Tank Status: U. In-Service			
WAWA, INC.	20 SW 12TH AVE	38	150
Database: Broward Co. UST, Date of Government Version: 12/04/2017			
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: U			
Facility-Site Id: 9815733			
Facility ID: 17063			
Facility Status: OPEN			
Tank Status: 1. Installation / Modification; Out-of-Service			
FORMER DEERFIELD STA	1250 W HILLSBORO BLV	42	167
Database: Broward Co. UST, Date of Government Version: 12/04/2017			

EXECUTIVE SUMMARY

Facility ID: 19634 Tank Status: 1. Installation / Modification; Out-of-Service			
LARRY KLINE WHOLESAL	350 GOOLSBY BLVD	48	181
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: B			
Facility-Site Id: 8731640			
Facility Status: OPEN			
PUBLIX DEERFIELD BEA	777 SW 12TH AVE	56	217
Database: Broward Co. UST, Date of Government Version: 12/04/2017			
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: U			
Tank Status: B			
Facility-Site Id: 8945000			
Facility ID: 00784			
Facility Status: OPEN			
Tank Status: U. In-Service			
Tank Status: B. Removed From Site			
Tank Status: 1. Installation / Modification; Out-of-Service			
7-ELEVEN STORE #3483	900 SW 10TH ST	60	236
Database: Broward Co. UST, Date of Government Version: 12/04/2017			
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: U			
Facility-Site Id: 9700573			
Facility ID: 02579			
Facility Status: OPEN			
Tank Status: U. In-Service			
PROCACCIS GAS STATIO	1100 SW 10TH ST	61	241
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: B			
Facility-Site Id: 9602459			
Facility Status: CLOSED			
CEN-DEER MANAGEMENT	998 S MILITARY TRL	62	244
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: B			
Facility-Site Id: 8840464			
Facility Status: CLOSED			
DEERFIELD BEACH CITY	994 S MILITARY TRL	62	249
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: B			
Facility-Site Id: 8622498			
Facility Status: OPEN			
LONDON PARK	1201 S MILITARY TRL	81	271
Database: Broward Co. UST, Date of Government Version: 12/04/2017			
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: U			
Facility-Site Id: 9801655			
Facility ID: 03562			
Facility Status: OPEN			
Tank Status: U. In-Service			
CITY OF DEERFIELD BE	1441 SW 11TH WAY	88	291
Database: Broward Co. UST, Date of Government Version: 12/04/2017			
Facility ID: 10667			

EXECUTIVE SUMMARY

Tank Status: U. In-Service

MITIGATION OPERATION	1345 SW 11TH WAY	96	304
Database: UST, Date of Government Version: 01/10/2018			
Tank Status: U			
Facility-Site Id: 9808466			
Facility Status: OPEN			

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

A review of the FL AST list, as provided by EDR, has revealed that there are 21 FL AST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BOCA RATON CITY PUMP	1700 SW 18TH ST	7	10
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 9801249			
Facility Status: OPEN			
Facility Status: OPEN			
800 FAIRWAY	800 FAIRWAY DR	10	14
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 8840449			
Facility Status: OPEN			
Facility Status: OPEN			
COSMO INTERNATIONAL	601 FAIRWAY DR	11	16
Database: BROWARD CO AST, Date of Government Version: 12/04/2017			
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 9602307			
Facility Status: CLOSED			
Facility Status: CLOSED			
Facility ID: 05762			
Tank Status: B. Removed From Site			
FAIRWAY EXECUTIVE, L	455 FAIRWAY DR	16	27
Database: BROWARD CO AST, Date of Government Version: 12/04/2017			
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 9809171			
Facility Status: OPEN			
Facility Status: OPEN			
Facility ID: 11063			
Tank Status: U. In-Service			
431 FAIRWAY ASSOCIAT	431 FAIRWAY DR	18	47
Database: BROWARD CO AST, Date of Government Version: 12/04/2017			
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 9809170			
Facility Status: OPEN			
Facility Status: OPEN			
Facility ID: 11562			
Tank Status: U. In-Service			
JM FAMILY ENTERPRISE	120 JIM MORAN BLVD N	26	78
Database: AST, Date of Government Version: 01/10/2018			

EXECUTIVE SUMMARY

Facility-Site Id: 9402067			
Facility Status: OPEN			
Facility Status: OPEN			
JM FAMILY ENTERPRISE	111 NW 12TH AVE	27	79
Database: BROWARD CO AST, Date of Government Version: 12/04/2017			
Facility ID: 02968			
Tank Status: U. In-Service			
JM FAMILY ENTERPRISE	100 JIM MORAN BLVD N	30	100
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 8841585			
Facility Status: OPEN			
Facility Status: OPEN			
JM FAMILY ENTERPRISE	100 NW 12TH AVE	30	102
Database: BROWARD CO AST, Date of Government Version: 12/04/2017			
Facility ID: 08414			
Tank Status: 1. Installation / Modification; Out-of-Service			
HOME DEPOT #0218	60 SW 12TH AVE	39	165
Database: BROWARD CO AST, Date of Government Version: 12/04/2017			
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 9810768			
Facility Status: OPEN			
Facility Status: OPEN			
Facility ID: 03536			
Tank Status: U. In-Service			
LARRY KLINE WHOLESAL	350 GOOLSBY BLVD	48	181
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 8731640			
Facility Status: OPEN			
Facility Status: OPEN			
PUBLIX DEERFIELD BEA	777 SW 12TH AVE	56	212
Database: BROWARD CO AST, Date of Government Version: 12/04/2017			
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 8945000			
Facility Status: OPEN			
Facility Status: OPEN			
Facility ID: 00784			
Tank Status: U. In-Service			
NANAKS LANDSCAPING	998 S MILITARY TRL	62	243
Database: BROWARD CO AST, Date of Government Version: 12/04/2017			
Facility ID: 13642			
Tank Status: U. In-Service			
DEERFIELD BEACH CITY	994 S MILITARY TRL	62	249
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 8622498			
Facility Status: OPEN			
Facility Status: OPEN			
MAPEI CORPORATION	1144 E NEWPORT CENTE	79	268
Database: BROWARD CO AST, Date of Government Version: 12/04/2017			
Database: AST, Date of Government Version: 01/10/2018			
Facility-Site Id: 9700509			
Facility Status: OPEN			
Facility Status: OPEN			

EXECUTIVE SUMMARY

Facility ID: 04479 Tank Status: U. In-Service			
UMHC/SYLVESTER DEERF Database: BROWARD CO AST, Date of Government Version: 12/04/2017 Facility ID: 11789 Tank Status: U. In-Service	1192 E NEWPORT CENTE	83	279
UNIVERSITY OF MIAMI Database: AST, Date of Government Version: 01/10/2018 Facility-Site Id: 9811006 Facility Status: OPEN Facility Status: OPEN	1192 E NEWPORT DR	83	279
1300 NEWPORT CENTER Database: BROWARD CO AST, Date of Government Version: 12/04/2017 Facility ID: 03696 Tank Status: U. In-Service	1300 E NEWPORT CENTE	90	294
1300 NEWPORT CENTER Database: AST, Date of Government Version: 01/10/2018 Facility-Site Id: 9812216 Facility Status: OPEN Facility Status: OPEN	1300 E NEWPORT CTR D	90	294
PEOPLES TRUST INSURA Database: BROWARD CO AST, Date of Government Version: 12/04/2017 Database: AST, Date of Government Version: 01/10/2018 Facility-Site Id: 9814274 Facility Status: OPEN Facility Status: OPEN Facility ID: 15949 Tank Status: U. In-Service	1501 SW 11TH WAY	91	298
JP MORGAN CHASE Database: BROWARD CO AST, Date of Government Version: 12/04/2017 Facility ID: 02635 Tank Status: U. In-Service	1400 E NEWPORT CENTE	93	300

FL FI 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 FL FI Sites list, as provided by EDR, and dated 12/31/1989 has revealed that there are 2 FL FI Sites sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SENSORMATIC ELECTRON EPA ID: FLD044924767 Facility-Site Id: 000272	500 NW 12TH AVE.	14	22
JIMS RADIATOR & AUTO	1171 SW 1ST WAY	77	267

EXECUTIVE SUMMARY

EPA ID: FLD010432524
 Facility-Site Id: 000241

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

A review of the NY MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there are 2 NY MANIFEST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
METPATH EPA ID: FLP009304149	858 S MILITARY TRAIL	54	203
ICL CORPORATION EPA ID: FLP008901789	774 SOUTH MILITARY T	55	205

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2016 has revealed that there is 1 PA MANIFEST site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
HOME DEPOT STORE NO Generator EPA Id: FLD981926629	60 SW 12TH AVENUE	39	160

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

A review of the FL SPILLS list, as provided by EDR, and dated 01/04/2018 has revealed that there are 7 FL SPILLS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<i>COSMO INTERNATIONAL</i> OHMIT Incident Number: 39555 Incident Status: Closed	<i>601 FAIRWAY DR</i>	<i>11</i>	<i>16</i>
<i>AMOCO STATION #6328</i> OHMIT Incident Number: 8257 Incident Status: Closed	<i>299 W HILLSBORO BLVD</i>	<i>29</i>	<i>99</i>
<i>LARRY KLINE WHOLESAL</i> OHMIT Incident Number: 53865 Incident Status: Closed	<i>350 GOOLSBY BLVD</i>	<i>48</i>	<i>181</i>
<i>FEDERATED PRECISION</i> OHMIT Incident Number: 22903 Incident Status: Closed	<i>692 S MILITARY TRL</i>	<i>54</i>	<i>196</i>
Not reported OHMIT Incident Number: 16186	7777 SW 12 AVENUE	58	233

EXECUTIVE SUMMARY

Incident Status: Closed			
Not reported	SW 10TH STREET AT I-	59	233
OHMIT Incident Number: 23473			
Incident Status: Closed			
Not reported	I-95 NORTHBOUND AND	59	234
OHMIT Incident Number: 18519			
Incident Status: Closed			

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

A review of the FL INST CONTROL list, as provided by EDR, and dated 12/27/2017 has revealed that there is 1 FL INST CONTROL site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SUNSHINE 357 Facility-Site Id: 8501702	1790 W HILLSBORO BLV	34	120

Florida Drycleaners list comes from the Department of Environmental Protection.

A review of the FL DRYCLEANERS list, as provided by EDR, and dated 01/09/2018 has revealed that there are 2 FL DRYCLEANERS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
POSH FRENCH CLEANERS Facility Status: OPEN Facility-Site Id: 9500890	498 W HILLSBORO BLVD	32	115
ONE STEP DRY CLEANER Facility Status: OPEN Facility-Site Id: 9500804 Facility-Site Id: 9800735	1323 S MILITARY TRAI	84	283

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

A review of the FL PRIORITYCLEANERS list, as provided by EDR, and dated 01/04/2018 has revealed that there are 3 FL PRIORITYCLEANERS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
POSH FRENCH CLEANERS Facility-Site Id: 9500890	498 W HILLSBORO BLVD	32	115
ONE STEP DRY CLEANER Facility-Site Id: 9800735	1323 S MILITARY TRAI	84	283
DRY CLEAN USA Facility-Site Id: 9500804	1379 S MILITARY TRL	87	288

EXECUTIVE SUMMARY

FL BROWNFIELDS: Brownfields are defined by the Florida Department of Environmental Protection (FDEP) as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

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

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
TURNER ENVIROLOGIC A Database: BROWNFIELDS AREAS, Date of Government Version: 01/02/2018		0	4

FL NPDES: Domestic and Industrial Wastewater Facilities

A review of the FL NPDES list, as provided by EDR, and dated 02/01/2018 has revealed that there are 6 FL NPDES sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
UNITED PARCEL SERVIC Status: A Facility ID: FLR05I074	1332 NW 3RD ST	22	57
WAWA, INC. Status: A Facility ID: FLR10RK52	20 SW 12TH AVE	38	150
WAWA, INC. Status: A Facility ID: FLG071741	20 SW 12TH AVE	38	157
I-95 EXPRESS LANES Status: A Facility ID: FLR10RN79		46	178
DIAMOND INNOVATIONS, Status: A Facility ID: FLRNEE826	1121 W NEWPORT CENTE	73	265
MITIGATION OPERATION Status: A Facility ID: FLR10NJ72	1345 SW 11TH WAY	96	304

FL AIRS: A listing of Air Resources Management permits.

A review of the FL AIRS list, as provided by EDR, and dated 01/29/2018 has revealed that there is 1 FL AIRS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SUN SENTINEL Facility Status: A Facility Id: 112198	333 SW 12TH AVENUE	45	172

EXECUTIVE SUMMARY

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

A review of the FL TIER 2 list, as provided by EDR, and dated 12/31/2016 has revealed that there are 4 FL TIER 2 sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
A T AND T WIRELESS - DOUBLETREE BY HILTON Facility Id: 5279777	21745 STATE ROAD 7 100 FAIRWAY DR	6 24	8 73
COSMO INTERNATIONAL Facility Id: 5483834 Facility Id: 5000177	746 S MILITARY TRAIL	54	201
JP MORGAN CHASE Facility Id: 5004700 Facility Id: 5383842 Facility Id: 5811968	1400 E NEWPORT CENTE	93	300

FL ASBESTOS: Asbestos sites

A review of the FL ASBESTOS list, as provided by EDR, and dated 10/23/2017 has revealed that there is 1 FL ASBESTOS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PUBLIX DEERFIELD BEA	777 SW 12TH AVE	56	217

FL RESP PARTY: Open, inactive and closed responsible party sites

A review of the FL RESP PARTY list, as provided by EDR, and dated 01/02/2018 has revealed that there are 2 FL RESP PARTY sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
POSH FRENCH CLEANERS Site Status: CLOSED	498 W HILLSBORO BLVD	32	115
DRY CLEAN USA Site Status: CLOSED	1379 S MILITARY TRL	87	288

FL CLEANUP SITES: This listing includes the locations of waste cleanup sites from various programs. The source of the cleanup site data includes Hazardous Waste programs, Site Investigation Section, Compliance and Enforcement Tracking, Drycleaning State Funded Cleanup Program (possibly other state funded cleanup), Storage Tank Contamination Monitoring.

A review of the FL CLEANUP SITES list, as provided by EDR, and dated 11/27/2017 has revealed that there are 6 FL CLEANUP SITES sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FL DEPT OF TRANSP-TR	S FL RAIL CORRIDOR &	1	4

EXECUTIVE SUMMARY

DEP Cleanup Site Key: 51699099			
FCE #1813	301 W HILLSBORO BLVD	28	80
DEP Cleanup Site Key: 51692530			
BP - DEERFIELD #582	299 W HILLSBORO BLVD	29	91
DEP Cleanup Site Key: 51692722			
SUNSHINE 357	1790 W HILLSBORO BLV	34	120
DEP Cleanup Site Key: 51692789			
7-ELEVEN STORE #3480	1200 W HILLSBORO BLV	35	136
DEP Cleanup Site Key: 51692611			
LARRY KLINE WHOLESAL	350 GOOLSBY BLVD	48	180
DEP Cleanup Site Key: 51692662			

FL DWM CONTAM: A listing of active or known sites. The listing includes sites that need cleanup but are not actively being working on because the agency currently does not have funding (primarily petroleum and drycleaning).

A review of the FL DWM CONTAM list, as provided by EDR, and dated 09/30/2017 has revealed that there are 6 FL DWM CONTAM sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FL DEPT OF TRANSP-TR Program Site Id: 9202776	S FL RAIL CORRIDOR &	1	4
FCE #1813 Program Site Id: 8943503	301 W HILLSBORO BLVD	28	80
BP - DEERFIELD #582 Program Site Id: 8501838	299 W HILLSBORO BLVD	29	91
SUNSHINE 357 Program Site Id: 8501702	1790 W HILLSBORO BLV	34	120
7-ELEVEN STORE #3480 Program Site Id: 8502350	1200 W HILLSBORO BLV	35	136
LARRY KLINE WHOLESAL Program Site Id: 8731640	350 GOOLSBY BLVD	48	180

EDR PROPRIETARY RECORDS

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 7 EDR Hist Auto

EXECUTIVE SUMMARY

sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BOCA PETROCO INC	1701 SW 12TH AVE	2	7
AAMCO TRANSMISSIONS	1520 SW 13TH PL	3	7
DIGITAL SERVICENTER	500 FAIRWAY DR	15	26
HILLSBORO CHEVRON IN	1277 W HILLSBORO BLV	31	114
EXXON MOBIL CORPORAT	1200 W HILLSBORO BLV	35	149
EXXON MOBIL CORPORAT	900 SW 10TH ST	60	234
I 595 BP LIMITED PAR	1166 W NEWPORT CENTE	74	266

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SZABO MIKE CARPET CL	1561 SW 17TH ST	5	8

FL RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

A review of the FL RGA LUST list, as provided by EDR, has revealed that there are 5 FL RGA LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
CEN-DEER MANAGEMENT Facility ID: 8840464	998 S MILITARY TRL	62	244
CEN-DEER MANAGEMENT, Facility ID: 8840464	998 S MILITARY TRL	62	249
DEERFIELD BCH,CITY-W Facility ID: 8622498	994 S MILITARY TRL	62	249
DEERFIELD BEACH CITY Facility ID: 8622498	994 S MILITARY TRL	62	253
DEERFIELD BCH CITY-W Facility ID: 8622498	994 S MILITARY TRL	62	253

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>
<u>FEDERAL RECORDS</u>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
SEMS	0
SEMS-ARCHIVE	2
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	0
RCRA-SQG	9
RCRA-CESQG	21
RCRA NonGen / NLR	19
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	0
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
ODI	0
DEBRIS REGION 9	0
US MINES	0
TRIS	1
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	0
MLTS	0
RADINFO	0
FINDS	29
RAATS	0
RMP	0
ECHO	27
FUELS PROGRAM	0
DOCKET HWC	0
UXO	0
FUSRAP	0
COAL ASH DOE	0
2020 COR ACTION	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
PRP	0
EPA WATCH LIST	0
US FIN ASSUR	0
PCB TRANSFORMER	0
US HIST CDL	0
SCRD DRYCLEANERS	0
IHS OPEN DUMPS	0
ABANDONED MINES	0
COAL ASH EPA	0
FEMA UST	0
FEDERAL FACILITY	0
US AIRS	1
LEAD SMELTERS	0
<u>STATE AND LOCAL RECORDS</u>	
FL SHWS	0
FL SWF/LF	4
FL UIC	0
FL SWRCY	0
FL LUST	14
FL TANKS	2
FL UST	20
FL LAST	0
FL AST	21
FL FI Sites	2
NY MANIFEST	2
PA MANIFEST	1
FL SPILLS	7
FL ENG CONTROLS	0
FL INST CONTROL	1
FL VCP	0
FL DRYCLEANERS	2
FL PRIORITYCLEANERS	3
FL DEDB	0
FL BROWNFIELDS	1
FL NPDES	6
FL AIRS	1
FL Cattle Dip. Vats	0
FL TIER 2	4
FL ASBESTOS	1
FL FF TANKS	0
FL RESP PARTY	2
FL CLEANUP SITES	6
FL DWM CONTAM	6
FL SITE INV SITES	0
<u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN ODI	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
<u>EDR PROPRIETARY RECORDS</u>	
EDR MGP	0
EDR Hist Auto	7
EDR Hist Cleaner	1
FL RGA HWS	0
FL RGA LF	0
FL RGA LUST	5

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

TURNER ENVIROLOGIC AREA

FL BROWNFIELDS

**S107518493
 N/A**

DEERFIELD BEACH, FL

BROWNFIELDS AREAS:

Area id: BF060501000
 District: Southeast
 Acreage: 4.68307
 Resolution: 2005-179
 Resolution Date: 10/18/2005
 Source: City of Deerfield Beach
 Object Id: 184
 Method: shp
 Area: 18951.6798
 XCoord: 783830.749
 YCoord: 261284.2702

1

**FL DEPT OF TRANSP-TRI RAIL SPILL
 S FL RAIL CORRIDOR & CAMINO REAL
 BOCA RATON, FL 33486**

**FL LUST
 FL TANKS
 FL DWM CONTAM
 FL CLEANUP SITES**

**U004145608
 N/A**

LUST:

Region: STATE
 Facility Id: 9202776
 Facility Status: CLOSED
 Facility Type: Q - Emergency Response Spill Site
 Facility Phone: (305)797-8530
 Facility Cleanup Rank: 11086
 District: Southeast District
 Lat/Long (dms): 26 20 33.1908 / 80 7 13.116
 Section: 25
 Township: 47S
 Range: 42E
 Feature: Not reported
 Method: AGPS
 Datum: 0
 Score: 29
 Score Effective Date: 09/21/2007
 Score When Ranked: 9
 Operator: NICKERSON, CHARLES A
 Name Update: Not reported
 Address Update: Not reported

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: REPT - REPORT OF DISCHARGE RECEIVED
 Contact: RICHARD PLAISIR
 Contact Company: FL DEPT OF TRANSPORTATION DIST IV
 Contact Address: 3400 W COMMERCIAL BLVD
 Contact City/State/Zip: FORT LAUDERDALE, FL 33309
 Phone: (954)777-4216
 Bad Address Ind: N
 State: FL
 Zip: 33486
 Score: 29
 Score Effective Date: 21-SEP-07
 Related Party ID: 24716
 Primary RP Role: ACCOUNT OWNER
 RP Begin Date: 09/28/1992
 RP Zip: 3421

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FL DEPT OF TRANSP-TRI RAIL SPILL (Continued)

U004145608

RP Extension: Not reported

Discharge Cleanup Summary:
 Discharge Date: 08/29/1991
 PCT Discharge Combined: Not reported
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: REPT - REPORT OF DISCHARGE RECEIVED
 Disch Cleanup Status Date: 05/17/2001
 Cleanup Work Status: INACTIVE
 Information Source: P - 17-770 PETROL/PETROL PROD CONTAMINATION
 Other Source Description: Not reported
 Eligibility Indicator: I - INELIGIBLE
 Site Manager: Not reported
 Site Mgr End Date: Not reported
 Tank Office: -

Task Information:
 District: SED
 Facility ID: 9202776
 Facility Status: CLOSED
 Facility Type: Q - Emergency Response Spill Site -
 County: PALM BEACH
 County ID: 50
 Cleanup Eligibility Status: I
 Source Effective Date: Not reported
 Discharge Date: 08-29-1991
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: REPT - REPORT OF DISCHARGE RECEIVED
 Disch Cleanup Status Date: 05-17-2001
 SRC Action Type: -
 SRC Submit Date: Not reported
 SRC Review Date: Not reported
 SRC Completion Status: -
 SRC Issue Date: Not reported
 SRC Comment: Not reported
 Cleanup Work Status: INACTIVE
 Site Mgr: Not reported
 Site Mgr End Date: Not reported
 Tank Office: -
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FL DEPT OF TRANSP-TRI RAIL SPILL (Continued)

U004145608

SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: Not reported
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: Not reported
 RA Actual Cost: Not reported

Click here for Florida Oculus:

TANKS:

Facility ID: 9202776
 Facility Phone: (305) 797-8530
 Facility Status: CLOSED
 Facility Type: Q
 Type Description: Emergency Response Spill Site
 Dep Co: P
 Lat/Lon Deg Min Sec: 26 20 32 / 80 7 13

DWM CONTAM:

Program Site Id: 9202776
 Lat DD: 26
 Lat MM: 20
 Lat SS: 33.1908
 Long DD: 80
 Long MM: 7
 Long SS: 13.116
 Office/ District: PCLP50
 Program Area: Petroleum
 Offsite Contamination: U
 Project Manager: Not reported
 Priority Score: 29
 Remediation Status: WAITING
 Date Known Offsite: Not reported
 Datum: NAD83
 Method: DPHO
 Program Eligible: Not reported
 Ineligible: Yes

CLEANUP SITES:

DEP Cleanup Site Key: 51699099
 Source Database Name: Storage Tank Contamination Monitoring
 Source Database Id: 9202776
 CPAC Program Area Id: TK
 CLLC Cleanup Category Key: PETRO
 RSC2 Remediation Status Key: PENDING

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FL DEPT OF TRANSP-TRI RAIL SPILL (Continued)

U004145608

Data Load Date: 11/27/2017
 OC3 Office Id: SED
 Physical Address Line 2: Not reported
 OIC Object Of Interest Id: FACIL
 PC2 Proximity Id: ADMIN
 Calc Coordinates Accuracy Level Id: 4
 CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
 DC4 Datum Id: North American Datum of 1983
 VSC1 Verification Status: REVIEWED
 Collect Username: KOCHER_FF_1
 Collect Date: 01/27/2015
 Collect Affiliation: YORK
 Map Source: imagery_11_13
 Map Source Scale: 5000
 Interpolation Scale: Not reported
 Verifier Username: KOCHER_FF_1
 Verifier Affiliation: YORK
 Verification Date: 01/27/2015
 Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
 Source Database Name Code: STCM
 CMC2 Coordinate Method ID Code: DPHO
 DC4 Datum ID Code: NAD83
 Verified Coordinate Method ID Code: DPHO
 Comments: Not reported
 Latitude/Longitude (deg/min/sec): 26 20 33.1908 / 13.116 80 7

2

**BOCA PETROCO INC
 1701 SW 12TH AVE
 BOCA RATON, FL 33486**

**EDR Hist Auto 1020757358
 N/A**

EDR Hist Auto

Year:	Name:	Type:
1999	TRICO S E PETROLEUM INC	Gasoline Service Stations
2006	BOCA PETROCO INC	Gasoline Service Stations
2007	BOCA PETROCO INC	Gasoline Service Stations
2008	BOCA PETROCO INC	Gasoline Service Stations
2009	BOCA PETROCO INC	Gasoline Service Stations
2010	BOCA PETROCO INC	Gasoline Service Stations
2011	BOCA PETROCO INC	Gasoline Service Stations
2012	BOCA PETROCO INC	Gasoline Service Stations

3

**AAMCO TRANSMISSIONS
 1520 SW 13TH PL
 BOCA RATON, FL 33486**

**EDR Hist Auto 1020498678
 N/A**

EDR Hist Auto

Year:	Name:	Type:
2009	AAMCO TRANSMISSIONS	Automotive Transmission Repair Shops
2010	AAMCO TRANSMISSIONS	Automotive Transmission Repair Shops
2011	AAMCO TRANSMISSIONS	Automotive Transmission Repair Shops
2012	AAMCO TRANSMISSIONS	Automotive Transmission Repair Shops

MAP FINDINGS

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

4	TIRE TOWN VENTURES INC 1601 JUANA ROAD BOCA RATON, FL 33486	FL SWF/LF	S118427639 N/A
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SWF/LF:

Facility ID:	102723	
District:	SED	
Lat/Long:	:: / ::	
Class Type:	754	
Classification:	WASTE TIRE COLLECTOR	
Class Status:	INACTIVE (I)	
Section:	Not reported	
Township:	Not reported	
Range:	Not reported	
Responsible Authority Name:	Not reported	
Responsible Authority Address:	Not reported	
Responsible Authority City,St,Zip:	Not reported	
Responsible Authority Phone:	Not reported	
EEmail Address1:	Not reported	
EEmail Address2:	Not reported	
Site Supervisor Name:	Not reported	
Site Supervisor Addr:	Not reported	
Site Supervisor City/State/Zip:	Not reported	
Site Supervisor Telephone:	Not reported	
Land Owner Name:	Not reported	
Land Owner Address:	Not reported	
Land Owner City/State/Zip:	Not reported	
Land Owner Telephone:	Not reported	

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5	SZABO MIKE CARPET CLEANING 1561 SW 17TH ST BOCA RATON, FL	EDR Hist Cleaner	1009150717 N/A
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EDR Hist Cleaner

Year:	Name:	Type:
1986	SZABO MIKE CARPET CLEANING	CARPET AND RUG CLEANERS
1991	SILVERBERG ALLEN	Carpet And Upholstery Cleaning On Customer Premises

6	A T AND T WIRELESS - SANDALWOOD 7325 21745 STATE ROAD 7 DEERFIELD BEACH, FL 33441	FL TIER 2	S107713681 N/A
----------	--	------------------	---------------------------------

TIER 2:

Year:	Not reported
Facility Id:	Not reported
Active Date:	01/01/1980
Inactive Date:	01/01/2002
Sale Pending:	False
Original Date:	Not reported
PLOT Source:	Street
Latitude:	26.329380
Longitude:	-80.116900
LEPC District:	11
Counties:	Monroe,Miami-Dade,Broward,
SERC:	28290

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

A T AND T WIRELESS - SANDALWOOD 7325 (Continued)

S107713681

Program Level: 0
 PRIME: 1
 SIC Code: 4812
 SIC Code 2: Not reported
 NAICS Code: 51333

Other Chemical Data:

Report Year: 2000
 Tier 2 Report ID: 60760
 Chemical ID: 148172
 CAS Number: 7664939
 Chemical Name: Sulfuric acid
 Chemical Date: 1/2/1972
 Average Amount: 2
 Maximum Amount: 780
 Location ID: 260823
 Chemical State: LIQUID
 Mixture: False
 Mixture Percent: 100.00
 Containter: CONV
 Pressure: CONV
 Temperature: CONV
 Average Amount: 2
 Maximum Amount: 780
 Days on Site: 365
 Site Plan: False
 Site Plan Document: Not reported
 Private Location: False
 Location: Not reported

Report Year: 2001
 Tier 2 Report ID: 69954
 Chemical ID: 148171
 CAS Number: 7664939
 Chemical Name: Sulfuric acid
 Chemical Date: 1/2/1972
 Average Amount: 2
 Maximum Amount: 780
 Location ID: 279860
 Chemical State: LIQUID
 Mixture: False
 Mixture Percent: 100.00
 Containter: CONV
 Pressure: CONV
 Temperature: CONV
 Average Amount: 2
 Maximum Amount: 780
 Days on Site: 365
 Site Plan: False
 Site Plan Document: Not reported
 Private Location: False
 Location: Not reported

Company Info:
 Company Name: A T AND T WIRELESS

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

A T AND T WIRELESS - SANDALWOOD 7325 (Continued)

S107713681

Company Address: 8645 154 AVENUE NORTHEAST
 Company City,St,Zip: REDMOND, WA 98052
 Company Phone: 425-580-1891
 Company Fax: Not reported
 Company Email: Not reported
 FEI Number: 911256097
 Comany Contact Name: BRENNNA DAVIS
 Cmpny Contact Phone: 425-580-1891
 Reduced Fees: False
 Exempt Fees: False
 Electronic Filing: True
 Employee: Not reported
 Comments: Not reported

7

**BOCA RATON CITY PUMPING STATION
 1700 SW 18TH ST
 BOCA RATON, FL 33486**

**FL AST A100148805
 N/A**

AST:

Facility ID: 9801249
 Facility Status: OPEN
 Type Description: Local Government
 Facility Phone: (561) 338-7322
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 19 43 / 80 7 5

Owner:

Owner Id: 51199
 Owner Name: BOCA RATON CITY
 Owner Address: 1401 GLADES RD
 Owner Address 2: Not reported
 Owner City,St,Zip: BOCA RATON, FL 33431
 Owner Contact: CHRIS HELFRICH
 Owner Phone: (561) 338-7302

Tank Id: 1
 Status: In service
 Status Date: 01-FEB-1999
 Install Date: 01-FEB-1999
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 2000
 Tank Location: ABOVEGROUND

Construction:

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall - tank jacket

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BOCA RATON CITY PUMPING STATION (Continued)

A100148805

Monitoring:
 Tank ID: 1
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
 Monitoring Description: Visual inspection of ASTs

Piping:
 Tank ID: 1
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 1
 Piping Category: Primary Construction
 Piping Description: Fiberglass

[Click here for Florida Oculus:](#)

8

**APTEK WILLIAMS INC
 700 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442**

**RCRA NonGen / NLR 1000699034
 FINDS FLD069143105
 FL BROWARD CO. HM
 ECHO**

RCRA NonGen / NLR:
 Date form received by agency: 10/19/2004
 Facility name: APTEK WILLIAMS INC
 Facility address: 700 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1714
 EPA ID: FLD069143105
 Mailing address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1714
 Contact: JOHN DUTTON
 Contact address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1714
 Contact country: US
 Contact telephone: 305-421-8450
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
 Owner/operator name: JOHN DUTTON
 Owner/operator address: 700 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

APTEK WILLIAMS INC (Continued)

1000699034

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 10/18/1995
 Site name: APTEK WILLIAMS INC
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Date form received by agency: 03/01/1990
 Site name: APTEK MICROSYSTEMS
 Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: GGR:
 Area of violation: Generators - General
 Date violation determined: 09/19/1984
 Date achieved compliance: 11/01/1984
 Violation lead agency: State
 Enforcement action: DEP WARNING LETTER
 Enforcement action date: 11/01/1984
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GGR:
 Area of violation: Generators - General
 Date violation determined: 09/19/1984
 Date achieved compliance: 11/01/1984
 Violation lead agency: State
 Enforcement action: DEP MEETING
 Enforcement action date: 10/18/1995
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

APTEK WILLIAMS INC (Continued)

1000699034

Paid penalty amount: Not reported

Regulation violated: GGR:
 Area of violation: Generators - General
 Date violation determined: 12/07/1983
 Date achieved compliance: 11/01/1984
 Violation lead agency: State
 Enforcement action: DEP WARNING LETTER
 Enforcement action date: 11/01/1984
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/04/1995
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 10/29/1992
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 02/03/1986
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 09/19/1984
 Evaluation: COMPLIANCE SCHEDULE EVALUATION
 Area of violation: Generators - General
 Date achieved compliance: 11/01/1984
 Evaluation lead agency: State

Evaluation date: 12/07/1983
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 11/01/1984
 Evaluation lead agency: State

FINDS:

Registry ID: 110002535258

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

APTEK WILLIAMS INC (Continued)

1000699034

corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 01925
 Alt Location: Not reported

ECHO:

Envid: 1000699034
 Registry ID: 110002535258
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002535258>

9

**WESTERN NATIONAL LIFE INSURANCE COMPANY
 800 FAIRWAY DR
 DEERFIELD BEACH, FL 33441**

FL BROWARD CO. HM

**S108070522
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 12396
 Alt Location: Not reported

10

**800 FAIRWAY
 800 FAIRWAY DR
 DEERFIELD BEACH, FL 33441**

**FL UST
 FL AST
 FL BROWARD CO. HM**

**U001545912
 N/A**

UST:

Facility Id: 8840449
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 733-5711
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 19 35 / 80 7 0

Owner:

Owner Id: 44375
 Owner Name: PRINCE PROPERTY
 Owner Address: 3230 W COMMERCIAL BLVD #285
 Owner Address 2: Not reported
 Owner City,St,Zip: OAKLAND PARK, FL 33309
 Owner Contact: SANDY SWANSON
 Owner Phone: (954) 733-5711

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: 01-APR-1999

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

800 FAIRWAY (Continued)

U001545912

Install Date: 01-JAN-1987
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 500
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

[Click here for Florida Oculus:](#)

AST:

Facility ID: 8840449
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 733-5711
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 19 35 / 80 7 0

Owner:

Owner Id: 44375
 Owner Name: PRINCE PROPERTY
 Owner Address: 3230 W COMMERCIAL BLVD #285
 Owner Address 2: Not reported
 Owner City,St,Zip: OAKLAND PARK, FL 33309
 Owner Contact: SANDY SWANSON
 Owner Phone: (954) 733-5711

Tank Id: 2
 Status: In service
 Status Date: 01-APR-1999
 Install Date: 01-APR-1999
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 500
 Tank Location: ABOVEGROUND

[Click here for Florida Oculus:](#)

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 10882
 Alt Location: Not reported

MAP FINDINGS

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

11	COSMO INTERNATIONAL CORPORATION 601 FAIRWAY DR DEERFIELD BEACH, FL 33441	FL SPILLS FL BROWARD CO. HM	S107674569 N/A
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SPILLS:

OHMIT Incident Number: 39555
 Incident Legacy: Not reported
 On-Scene Response: No
 Criminal Indicator: No
 Hurricane Indicator: No
 Incident Date: 05/31/2008
 Incident Status: Closed
 Incident Report Date: 05/31/2008
 Pollutant: Potassium cyanide
 Pollutants Category: Toxic
 Substance Spilled: Potassium cyanide
 Amount Spilled (Gallons): 0.00
 Pollutant - Unit Measure: pounds

Pollutant: Unknown
 Pollutants Category: Unknown
 Substance Spilled: Unknown
 Amount Spilled (Gallons): 0.00
 Pollutant - Unit Measure: gallon

Incident Party Name: --
 Description: Inland

Incident Party Name: --
 Description: Inland

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 05762
 Alt Location: Not reported

11	COSMO INTERNATIONAL CORPORATION 601 FAIRWAY DR DEERFIELD BEACH, FL 33441	FL AST	A100298263 N/A
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AST:

Facility ID: 9602307
 Facility Status: CLOSED
 Type Description: Other Regulated Facility
 Facility Phone: (954) 798-4500
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: Not reported
 Lat/Long (dms): Not reported

Owner:

Owner Id: 64737
 Owner Name: COSMO INTERNATIONAL CORP
 Owner Address: 601 FAIRWAY DR
 Owner Address 2: ATTN: STORAGE TANK REGIS
 Owner City, St, Zip: DEERFIELD BEACH, FL 33441
 Owner Contact: PATRICIA SOBEL
 Owner Phone: (954) 798-4500

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

COSMO INTERNATIONAL CORPORATION (Continued)

A100298263

Tank Id: 1
 Status: Removed
 Status Date: 24-SEP-2008
 Install Date: 01-JUN-1991
 Substance: Z
 Content Description: Other Non Regulated
 Gallons: 2200
 Tank Location: ABOVEGROUND

Tank Id: 2
 Status: Removed
 Status Date: 01-OCT-2015
 Install Date: 01-SEP-2008
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 1000
 Tank Location: ABOVEGROUND

Click here for Florida Oculus:

BROWARD CO AST:

Facility ID: 05762
 Storage Tank ID: 05762-01
 Tank Status: B. Removed From Site
 Installation Date: Not reported
 Tank Size: 4500
 DEP Site ID: 069602307
 Tank Construction: C. Steel
 Tank Content: G. Diesel; Emergency Generator
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 05762
 Storage Tank ID: 05762-02
 Tank Status: B. Removed From Site
 Installation Date: 09/25/2008
 Tank Size: 1000
 DEP Site ID: 069602307
 Tank Construction: C. Steel
 Tank Content: G. Diesel; Emergency Generator
 Location: Above ground
 Alternate Location: Not reported

11

**COSMO INTERNATIONAL CORP
 601 FAIRWAY DR
 DEERFIELD BEACH, FL 33441**

**RCRA NonGen / NLR 1006806480
 FINDS FLR000093104
 ECHO**

RCRA NonGen / NLR:

Date form received by agency: 11/28/2016
 Facility name: COSMO INTERNATIONAL CORP
 Facility address: 601 FAIRWAY DR
 DEERFIELD BEACH, FL 33441-1867
 EPA ID: FLR000093104
 Contact: JAVIER ABADIA
 Contact address: 601 FAIRWAY DR
 DEERFIELD BEACH, FL 33441-1867

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

COSMO INTERNATIONAL CORP (Continued)

1006806480

Contact country: US
 Contact telephone: 954-798-4500
 Contact email: JAVIER.ABADIA@COSMO-FRAGRANCES.COM
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: YANBAL LIMITED
 Owner/operator address: 601 FAIRWAY DR
 DEERFIELD BEACH, FL 33441
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/07/2002
 Owner/Op end date: Not reported

Owner/operator name: COSMO INTERNATIONAL CORP
 Owner/operator address: 601 FAIRWAY DR
 DEERFIELD BEACH, FL 33441
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 10/07/2002
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE
 . Waste code: D002
 . Waste name: CORROSIVE WASTE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

COSMO INTERNATIONAL CORP (Continued)

1006806480

. Waste code: D003
 . Waste name: REACTIVE WASTE

. Waste code: D007
 . Waste name: CHROMIUM

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 03/23/2005
 Site name: COSMO INTERNATIONAL CORP
 Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D002
 . Waste name: CORROSIVE WASTE

. Waste code: D003
 . Waste name: REACTIVE WASTE

. Waste code: D007
 . Waste name: CHROMIUM

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

COSMO INTERNATIONAL CORP (Continued)

1006806480

Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110013371822

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1006806480
 Registry ID: 110013371822
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110013371822>

**12 WEARCHECK LUBRICATION SERVICES
 637 NW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM S113719633
 N/A**

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 15565
 Alt Location: 637 JIM MORAN BLVD

**13 SENSORMATIC ELECTRONICS CORP
 588 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442**

**RCRA-SQG 1000450115
 FINDS FLD984177600
 ECHO**

RCRA-SQG:
 Date form received by agency: 09/12/1990
 Facility name: SENSORMATIC ELECTRONICS CORP
 Facility address: 588 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1710
 EPA ID: FLD984177600
 Mailing address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1723

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SENSORMATIC ELECTRONICS CORP (Continued)

1000450115

Contact: JAMES WAGNER
 Contact address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1723
 Contact country: US
 Contact telephone: 305-427-9700
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JAMES WAGNER
 Owner/operator address: 500 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Owner/operator name: WAGNER JAMES
 Owner/operator address: 500 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SENSORMATIC ELECTRONICS CORP (Continued)

1000450115

Used oil transfer facility: No
 Used oil transporter: No
 . Waste code: D001
 . Waste name: IGNITABLE WASTE
 Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 03/26/1991
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

FINDS:

Registry ID: 110005595944

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000450115
 Registry ID: 110005595944
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005595944>

14

SENSORMATIC ELECTRONICS CORP.
500 NW 12TH AVE.
DEERFIELD BEACH, FL 33442

FL FI Sites S100888928
N/A

FL SITES:

Monthly Update: December
 Air Contam: Not reported
 Soil Contam: Not reported
 Surface Water Contam: Not reported
 Ground Water Contam: Not reported
 Warning Letter Status: Not reported
 Notice of Violation Status: Yes
 Consent Order Status: Yes
 Admin Hearing Status: No
 Court Status: No
 Final Order Status: No
 Cleanup Started: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SENSORMATIC ELECTRONICS CORP. (Continued)

S100888928

Cleanup Completed: No
 Deletion Recommended: Yes
 Other: Not reported
 District: SOUTHEAST
 Facility ID: 000272
 EPA ID: FLD044924767
 Lead Unit: DIST
 Support Unit: 3012
 Status: ACTIVE
 Status Date: 05/15/85
 Comments: NEW SITE 9-84. 3012 PRELIMINARY ASSESSMENT COMPLETED 3-86. RCRA NOV ISSUED 7-85. INFORMAL CONFERENCE CONDUCTED. CONSENT ORDER ADDRESSING RCRA VIOLATIONS DRAFTED AND FORWARDED TO RESPONSIBLE PARTY FOR REVIEW 12-85. COMMENTS RECEIVED AND CO MODIFIED 1-86. SECOND REVISION DRAFTED 2-86. CONSENT ORDER EXECUTED 3-86. TERMS OF CO HAVE BEEN FULFILLED AND ENFORCEMENT CASE HAS BEEN CLOSED. DISTRICT CONDUCTED REINSPECTION 1-88. NO VISUAL PROBLEM DETECTED. CERCLA SITE SCREENING INVESTIGATION CONDUCTED 8-88. DELETION PENDING RESULTS OF INVESTIGATION. REPORT DUE 12-88.

[Click here for Florida Oculus:](#)

14	JM FAMILY ENTERPRISES, INC. 500 NW 12TH AVE DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S107675357 N/A
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BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 03545
 Alt Location: 500 Jim Moran Blvd.

14	BENNETTE MARINE 550 JIM MORAN BLVD DEERFIELD BEACH, FL 33442	RCRA-CESQG	1001201601 FLR000032359
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RCRA-CESQG:
 Date form received by agency: 06/25/1997
 Facility name: BENNETTE MARINE
 Facility address: 550 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1794
 EPA ID: FLR000032359
 Mailing address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1710
 Contact: MARK ORDWAY
 Contact address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1710
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BENNETTE MARINE (Continued)

1001201601

waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: NON NOTIFIER
 Owner/operator address: 550 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 07/08/1997
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 06/25/1997
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

MAP FINDINGS

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

14	BENNETT MARINE, INC. 550 NW 12TH AVE DEERFIELD BEACH, FL 33442 BROWARD CO. HM: Region: BROWARD Facility ID: 01459 Alt Location: Not reported	FL BROWARD CO. HM	S107673993 N/A
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14	SHL PHARMA 588 NW 12TH AVE DEERFIELD BEACH, FL 33442 BROWARD CO. HM: Region: BROWARD Facility ID: 03444 Alt Location: Not reported Region: BROWARD Facility ID: 14783 Alt Location: Not reported	FL BROWARD CO. HM	S107675782 N/A
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15	INVESTORS FEDERAL SAVINGS 500 FAIRWAY DR # STE.104 DEERFIELD BCH, FL 33441 RCRA-CESQG: Date form received by agency: 04/08/1991 Facility name: INVESTORS FEDERAL SAVINGS Facility address: 500 FAIRWAY DR # STE.104 DEERFIELD BCH, FL 33441-1814 EPA ID: FLTMP9102788 Contact: Not reported Contact address: Not reported Not reported Contact country: US Contact telephone: Not reported Contact email: Not reported EPA Region: 04 Classification: Conditionally Exempt Small Quantity Generator Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste	RCRA-CESQG	1014469882 FLTMP9102788
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Handler Activities Summary:
 U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

INVESTORS FEDERAL SAVINGS (Continued)

1014469882

Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

**15 DIGITAL SERVICENTER
 500 FAIRWAY DR
 DEERFIELD BEACH, FL 33441**

**EDR Hist Auto 1021232317
 N/A**

EDR Hist Auto

Year:	Name:	Type:
2000	DIGITAL SERVICENTER	Gasoline Service Stations
2001	DIGITAL SERVICENTER	Gasoline Service Stations
2002	DIGITAL SERVICENTER	Gasoline Service Stations
2003	DIGITAL SERVICENTER	Gasoline Service Stations
2004	DIGITAL SERVICENTER	Gasoline Service Stations
2005	DIGITAL SERVICENTER	Gasoline Service Stations

**15 INVESTORS FEDERAL SAVINGS
 500 FAIRWAY DR # ST.104
 DEERFIELD BCH, FL 33441**

**RCRA-CESQG 1014469881
 FLTMP9102787**

RCRA-CESQG:

Date form received by agency: 04/08/1991
 Facility name: INVESTORS FEDERAL SAVINGS
 Facility address: 500 FAIRWAY DR # ST.104
 DEERFIELD BCH, FL 33441-1814
 EPA ID: FLTMP9102787
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

INVESTORS FEDERAL SAVINGS (Continued)

1014469881

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

16

**FAIRWAY EXECUTIVE, LLC
 455 FAIRWAY DR
 DEERFIELD BEACH, FL 33441**

**FL AST A100298265
 N/A**

AST:

Facility ID: 9809171
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: Not reported
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: Not reported
 Lat/Long (dms): Not reported

Owner:

Owner Id: 61153
 Owner Name: FAIRWAY EXECUTIVE CENTER
 Owner Address: 455 FAIRWAY DR
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33441
 Owner Contact: TISH WEBSTER
 Owner Phone: (954) 429-9000

Tank Id: 1
 Status: In service
 Status Date: 01-MAY-2007
 Install Date: 01-MAY-2007
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 1000
 Tank Location: ABOVEGROUND

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FAIRWAY EXECUTIVE, LLC (Continued)

A100298265

Construction:

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

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall

Monitoring:

Tank ID: 1
 Monitoring Description: Visual inspection of ASTs

Piping:

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Click here for Florida Oculus:

BROWARD CO AST:

Facility ID: 11063
 Storage Tank ID: 11063-01
 Tank Status: U. In-Service
 Installation Date: 06/12/2007
 Tank Size: 1000
 DEP Site ID: 069809171
 Tank Construction: C. Steel
 Tank Content: G. Diesel; Emergency Generator
 Location: Above ground
 Alternate Location: Not reported

**16 FAIRWAY EXECUTIVE CENTER
 455 FAIRWAY DR
 DEERFIELD BEACH, FL 33441**

**FL BROWARD CO. HM S108247474
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 11063
 Alt Location: Not reported

**16 TARMAX INC
 455 FAIRWAY DR
 DEERFIELD BEACH, FL 33441**

**RCRA-CESQG 1014470987
 FLTMP9203958**

RCRA-CESQG:

Date form received by agency: 01/04/1993
 Facility name: TARMAX INC
 Facility address: 455 FAIRWAY DR
 DEERFIELD BEACH, FL 33441-1809
 EPA ID: FLTMP9203958
 Contact: Not reported
 Contact address: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

TARMAX INC (Continued)

1014470987

Contact country: Not reported
 Contact telephone: US
 Contact email: Not reported
 EPA Region: Not reported
 Classification: 04
 Description: Conditionally Exempt Small Quantity Generator
 Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

17

REAL TIME LABORATORIES INC
350 NW 12 AVE
DEERFIELD BEACH, FL 33442

RCRA NonGen / NLR 1000275162
FINDS FLD055369904
ECHO

RCRA NonGen / NLR:

Date form received by agency: 11/18/2011
 Facility name: REAL TIME LABORATORIES INC
 Facility address: 350 NW 12 AVE
 DEERFIELD BEACH, FL 33441
 EPA ID: FLD055369904
 Mailing address: NW 12 AVE
 DEERFIELD BEACH, FL 33441
 Contact: YATES JESSUP
 Contact address: NW 12 AVE
 DEERFIELD BEACH, FL 33441
 Contact country: US
 Contact telephone: 305-421-7577
 Contact email: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

REAL TIME LABORATORIES INC (Continued)

1000275162

EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: YATES JESSUP
 Owner/operator address: 350 NW 12 AVE
 DEERFIELD BEACH, FL 33441
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 07/13/1987
 Site name: REAL TIME LABORATORIES INC
 Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002532947

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

REAL TIME LABORATORIES INC (Continued)

1000275162

affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000275162
 Registry ID: 110002532947
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002532947>

17

SENSORMATIC ELECTRONICS CORP
500 NW 12TH AVE
DEERFIELD BEACH, FL 33441

SEMS-ARCHIVE 1000881182
RCRA NonGen / NLR FLD044924769
FINDS
ECHO

SEMS Archive:

Site ID: 400640
 EPA ID: FLD044924769
 Cong District: 14
 FIPS Code: 12011
 FF: N
 NPL: Not on the NPL
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 4
 Site ID: 400640
 EPA ID: FLD044924769
 Site Name: SENSORMATIC ELECTRONICS CORP
 NPL: N
 FF: N
 OU: 0
 Action Code: VS
 Action Name: ARCH SITE
 SEQ: 1
 Start Date: Not reported
 Finish Date: 1994-08-24 00:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf In-Hse

Region: 4
 Site ID: 400640
 EPA ID: FLD044924769
 Site Name: SENSORMATIC ELECTRONICS CORP
 NPL: N
 FF: N
 OU: 0
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1979-07-01 00:00:00
 Finish Date: 1979-07-01 00:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf

Region: 4
 Site ID: 400640

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SENSORMATIC ELECTRONICS CORP (Continued)

1000881182

EPA ID: FLD044924769
 Site Name: SENSORMATIC ELECTRONICS CORP
 NPL: N
 FF: N
 OU: 0
 Action Code: SI
 Action Name: SI
 SEQ: 1
 Start Date: Not reported
 Finish Date: 1989-10-13 00:00:00
 Qual: N
 Current Action Lead: St Perf

Region: 4
 Site ID: 400640
 EPA ID: FLD044924769
 Site Name: SENSORMATIC ELECTRONICS CORP
 NPL: N
 FF: N
 OU: 0
 Action Code: PA
 Action Name: PA
 SEQ: 1
 Start Date: 1986-12-01 00:00:00
 Finish Date: 1987-09-03 00:00:00
 Qual: L
 Current Action Lead: St Perf

RCRA NonGen / NLR:

Date form received by agency: 10/19/2004
 Facility name: SENSORMATIC ELECTRONICS CORP
 Facility address: 500 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1723
 EPA ID: FLD044924769
 Mailing address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1723
 Contact: JAMES WAGNER
 Contact address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1723
 Contact country: US
 Contact telephone: 305-427-9700
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ZIMMERMAN KARL
 Owner/operator address: 500 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SENSORMATIC ELECTRONICS CORP (Continued)

1000881182

Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Owner/operator name: KARL ZIMMERMAN
 Owner/operator address: 500 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 07/27/1994
 Site name: SENSORMATIC ELECTRONICS CORP
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D002
 . Waste name: CORROSIVE WASTE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SENSORMATIC ELECTRONICS CORP (Continued)

1000881182

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
 . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: U134
 . Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Date form received by agency: 03/01/1990
 Site name: SENSORMATIC ELECTRONICS CORP
 Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: GGR:
 Area of violation: Generators - General
 Date violation determined: 11/19/1987
 Date achieved compliance: 01/20/1988
 Violation lead agency: State
 Enforcement action: DEP WARNING LETTER
 Enforcement action date: 12/22/1987
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GGR:
 Area of violation: Generators - General
 Date violation determined: 03/27/1985
 Date achieved compliance: 03/19/1986
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GGR:
 Area of violation: Generators - General
 Date violation determined: 12/02/1983
 Date achieved compliance: 06/25/1985
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SENSORMATIC ELECTRONICS CORP (Continued)

1000881182

Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/16/1991
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 11/19/1987
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 11/19/1987
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 01/20/1988
 Evaluation lead agency: State

Evaluation date: 03/27/1985
 Evaluation: COMPLIANCE SCHEDULE EVALUATION
 Area of violation: Generators - General
 Date achieved compliance: 03/19/1986
 Evaluation lead agency: State

Evaluation date: 06/25/1984
 Evaluation: COMPLIANCE SCHEDULE EVALUATION
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 12/02/1983
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 06/25/1985
 Evaluation lead agency: State

FINDS:

Registry ID: 110002530976

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

MAP FINDINGS

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

SENSORMATIC ELECTRONICS CORP (Continued)

1000881182

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000881182
Registry ID:	110002530976
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002530976

17	LIST INDUSTRIES, INC. 401 NW 12TH AVE DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S107675507 N/A
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BROWARD CO. HM:

Region:	BROWARD
Facility ID:	01172
Alt Location:	Not reported

17	LIST INDUSTRIES, INC. 401 NW 12TH AVE DEERFIELD BEACH, FL 33442	FL BROWARD CO. NOV	S108247433 N/A
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BROWARD CO. NOV:

Notice of Violation:	10/06/2006
Facility Status:	Closed
Region:	BROWARD
Enforcement Number:	NOV06-0044
Code Section Number:	27-175(e) Air Quality: Objectionable Odor
Completed Date:	10/02/2007
Closest Major Intersection:	Not reported

Notice of Violation:	08/10/2007
Facility Status:	Closed
Region:	BROWARD
Enforcement Number:	NOV07-0054
Code Section Number:	27-175(e) Air Quality: Objectionable Odor
Completed Date:	01/15/2008
Closest Major Intersection:	Not reported

Notice of Violation:	02/01/2008
Facility Status:	Closed
Region:	BROWARD
Enforcement Number:	NOV08-0014
Code Section Number:	27-175(e) Air Quality: Objectionable Odor
Completed Date:	09/17/2008
Closest Major Intersection:	Not reported

MAP FINDINGS

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

17	LIST INDUSTRIES INC 401 JIM MORAN BLVD DEERFIELD BEACH, FL 33442	RCRA-SQG	1000392395 FLD982135956
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RCRA-SQG:

Date form received by agency: 03/12/2012
 Facility name: LIST INDUSTRIES INC
 Facility address: 401 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 EPA ID: FLD982135956
 Mailing address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Contact: JAMES J CLARKE
 Contact address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Contact country: US
 Contact telephone: 954-429-9155
 Telephone ext.: 1070
 Contact email: JIMCLARKE@LISTINDUSTRIES.COM
 EPA Region: 04
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JAMES CLARKE
 Owner/operator address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: Not reported
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 01/01/1991
 Owner/Op end date: Not reported

Owner/operator name: HERBERT A LIST JR
 Owner/operator address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: Not reported
 Owner/operator telephone: 954-429-9155
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/01/2002
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LIST INDUSTRIES INC (Continued)

1000392395

Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D035
 . Waste name: METHYL ETHYL KETONE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 03/01/2012
 Site name: LIST INDUSTRIES INC
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D035
 . Waste name: METHYL ETHYL KETONE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LIST INDUSTRIES INC (Continued)

1000392395

NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/29/2012

Site name: LIST INDUSTRIES INC
 Classification: Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/01/2010

Site name: LIST INDUSTRIES INC
 Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D035

. Waste name: METHYL ETHYL KETONE

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LIST INDUSTRIES INC (Continued)

1000392395

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/01/2010
 Site name: LIST INDUSTRIES INC
 Classification: Large Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D035
 . Waste name: METHYL ETHYL KETONE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/18/2008
 Site name: LIST INDUSTRIES INC
 Classification: Large Quantity Generator

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LIST INDUSTRIES INC (Continued)

1000392395

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/15/2008

Site name: LIST INDUSTRIES INC
 Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 01/12/2006

Site name: LIST INDUSTRIES INC
 Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LIST INDUSTRIES INC (Continued)

1000392395

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/24/2004
 Site name: LIST INDUSTRIES, INC.
 Classification: Large Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D035
 . Waste name: METHYL ETHYL KETONE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/11/2002
 Site name: LIST INDUSTRIES, INC.
 Classification: Large Quantity Generator

. Waste code: D001

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LIST INDUSTRIES INC (Continued)

1000392395

- . Waste name: IGNITABLE WASTE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 09/22/2000
 Site name: LIST INDUSTRIES INC.
 Classification: Large Quantity Generator

Date form received by agency: 02/24/1998
 Site name: LIST INDUSTRIES INC
 Classification: Large Quantity Generator

Date form received by agency: 02/22/1996
 Site name: LIST INDUSTRIES INC.
 Classification: Large Quantity Generator

Date form received by agency: 02/28/1994
 Site name: LIST INDUSTRIES INC
 Classification: Large Quantity Generator

Date form received by agency: 02/27/1992
 Site name: LIST INDUSTRIES INC
 Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: 273.13(d)(2)
 Area of violation: Universal Waste - Small Quantity Handlers
 Date violation determined: 12/13/2011
 Date achieved compliance: 07/02/2012
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LIST INDUSTRIES INC (Continued)

1000392395

Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: 262.11
 Area of violation: Generators - General
 Date violation determined: 12/13/2011
 Date achieved compliance: 07/02/2012
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: Not reported
 Area of violation: Generators - Pre-transport
 Date violation determined: 03/18/2008
 Date achieved compliance: 04/04/2008
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GGR:40 CRR 262.11
 Area of violation: Generators - General
 Date violation determined: 06/06/1996
 Date achieved compliance: 07/31/1996
 Violation lead agency: State
 Enforcement action: DEP NON-COMPLIANCE LETTER
 Enforcement action date: 06/06/1996
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GPT:40 CFR 262.34 (A)(1)
 Area of violation: Generators - Pre-transport
 Date violation determined: 06/06/1996
 Date achieved compliance: 07/31/1996
 Violation lead agency: State
 Enforcement action: DEP NON-COMPLIANCE LETTER
 Enforcement action date: 06/06/1996
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LIST INDUSTRIES INC (Continued)

1000392395

Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GPT:40 CFR 262.34 (A)(4)
 Area of violation: Generators - Pre-transport
 Date violation determined: 06/06/1996
 Date achieved compliance: 07/31/1996
 Violation lead agency: State
 Enforcement action: DEP NON-COMPLIANCE LETTER
 Enforcement action date: 06/06/1996
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: DGS:40 CFR 265.16
 Area of violation: TSD IS-General Facility Standards
 Date violation determined: 06/06/1996
 Date achieved compliance: 07/31/1996
 Violation lead agency: State
 Enforcement action: DEP NON-COMPLIANCE LETTER
 Enforcement action date: 06/06/1996
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GGR:
 Area of violation: Generators - General
 Date violation determined: 12/05/1990
 Date achieved compliance: 04/19/1991
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GOR:
 Area of violation: Listing - General
 Date violation determined: 12/05/1990
 Date achieved compliance: 04/19/1991
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LIST INDUSTRIES INC (Continued)

1000392395

Paid penalty amount: Not reported

Regulation violated: GLB:
 Area of violation: LDR - General
 Date violation determined: 12/05/1990
 Date achieved compliance: 04/19/1991
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/13/2011
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Universal Waste - Small Quantity Handlers
 Date achieved compliance: 07/02/2012
 Evaluation lead agency: State

Evaluation date: 12/13/2011
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 07/02/2012
 Evaluation lead agency: State

Evaluation date: 12/13/2011
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: EPA

Evaluation date: 03/18/2008
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - Pre-transport
 Date achieved compliance: 04/04/2008
 Evaluation lead agency: State

Evaluation date: 10/19/2004
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 02/15/2001
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 05/22/1996
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD IS-General Facility Standards
 Date achieved compliance: 07/31/1996

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LIST INDUSTRIES INC (Continued)

1000392395

Evaluation lead agency: State

Evaluation date: 05/22/1996
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - Pre-transport
 Date achieved compliance: 07/31/1996
 Evaluation lead agency: State

Evaluation date: 05/22/1996
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 07/31/1996
 Evaluation lead agency: State

Evaluation date: 12/05/1990
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: LDR - General
 Date achieved compliance: 04/19/1991
 Evaluation lead agency: State

Evaluation date: 12/05/1990
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 04/19/1991
 Evaluation lead agency: State

Evaluation date: 12/05/1990
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Listing - General
 Date achieved compliance: 04/19/1991
 Evaluation lead agency: State

18

431 FAIRWAY ASSOCIATES, LLC
431 FAIRWAY DR
DEERFIELD BEACH, FL 33441

FL AST A100308238
N/A

AST:

Facility ID: 9809170
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (561) 394-4224
 DEP Contractor Own: C
 Region: STATE
 Positioning Method: Not reported
 Lat/Long (dms): Not reported

Owner:

Owner Id: 61152
 Owner Name: 431 FAIRWAY DR LLC
 Owner Address: 431 FAIRWAY DR
 Owner Address 2: ATTN: STORAGE TANK REGIS
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 Owner Contact: CHRIS SMITH
 Owner Phone: (561) 394-4224

Tank Id: 1
 Status: In service
 Status Date: 01-MAY-2007

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

431 FAIRWAY ASSOCIATES, LLC (Continued)

A100308238

Install Date: 01-MAY-2007
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 1500
 Tank Location: ABOVEGROUND

Construction:

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

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall

Monitoring:

Tank ID: 1
 Monitoring Description: Visual inspection of ASTs

Piping:

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Tank ID: 1
 Piping Category: Primary Construction
 Piping Description: Steel/galvanized metal

Click here for Florida Oculus:

BROWARD CO AST:

Facility ID: 11562
 Storage Tank ID: 11562-01
 Tank Status: U. In-Service
 Installation Date: 05/21/2007
 Tank Size: 1500
 DEP Site ID: 069809170
 Tank Construction: C. Steel
 Tank Content: G. Diesel; Emergency Generator
 Location: Above ground
 Alternate Location: Not reported

18

**431 FAIRWAY DR LLC
 431 FAIRWAY DR
 DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM S108515042
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 11562
 Alt Location: Not reported

MAP FINDINGS

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

19	J.B. PAINTING & WATERPROOFING 303 NW 12TH AVE DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S113719497 N/A
BROWARD CO. HM:			
Region: BROWARD			
Facility ID: 14740			
Alt Location: Not reported			

20	HECTOR TURF 1301 NW 3RD ST DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S116555858 N/A
BROWARD CO. HM:			
Region: BROWARD			
Facility ID: 15487			
Alt Location: Not reported			

21	CONTROL MACHINING 300 JIM MORAN BLVD DEERFIELD BEACH, FL 33442	RCRA NonGen / NLR	1000419956 FINDS FLD981027642 ECHO
RCRA NonGen / NLR:			
Date form received by agency: 10/19/2004			
Facility name: CONTROL MACHINING			
Facility address: 300 JIM MORAN BLVD			
DEERFIELD BEACH, FL 33442-1726			
EPA ID: FLD981027642			
Mailing address: JIM MORAN BLVD			
DEERFIELD BEACH, FL 33442-1726			
Contact: JOHN SANTOS			
Contact address: JIM MORAN BLVD			
DEERFIELD BEACH, FL 33442-1726			
Contact country: US			
Contact telephone: 305-421-8100			
Contact email: Not reported			
EPA Region: 04			
Land type: Private			
Classification: Non-Generator			
Description: Handler: Non-Generators do not presently generate hazardous waste			

Owner/Operator Summary:

Owner/operator name:	JOHN SANTOS
Owner/operator address:	300 JIM MORAN BLVD
	DEERFIELD BEACH, FL 33442
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/18/1996
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
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MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CONTROL MACHINING (Continued)

1000419956

Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 04/04/1989
 Site name: CONTROL MACHINING
 Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: GGR:
 Area of violation: Generators - General
 Date violation determined: 09/24/1987
 Date achieved compliance: 10/26/1987
 Violation lead agency: State
 Enforcement action: DEP WARNING LETTER
 Enforcement action date: 09/24/1987
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 09/24/1987
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Generators - General
 Date achieved compliance: 10/26/1987
 Evaluation lead agency: State

FINDS:

Registry ID: 110002544168

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CONTROL MACHINING (Continued)

1000419956

affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000419956
 Registry ID: 110002544168
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002544168>

21 **JM FAMILY ENTERPRISES, INC. - EAST**
120 NW 12TH AVE
DEERFIELD BEACH, FL 33442

FL BROWARD CO. HM S107675359
N/A

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 00789
 Alt Location: Not reported

21 **PYLON MFG CORP**
201 HILLSBORO PLZ
DEERFIELD BEACH, FL 33441

RCRA NonGen / NLR 1000337093
FINDS FLD065685877
ECHO

RCRA NonGen / NLR:
 Date form received by agency: 07/08/1987
 Facility name: PYLON MFG CORP
 Facility address: 201 HILLSBORO PLZ
 DEERFIELD BEACH, FL 33441-0000
 EPA ID: FLD065685877
 Mailing address: HILLSBORO PLAZA
 DEERFIELD BEACH, FL 33441
 Contact: RUSSELL THOMPSON
 Contact address: HILLSBORO PLAZA
 DEERFIELD BEACH, FL 33441
 Contact country: US
 Contact telephone: 305-428-7373
 Contact email: Not reported
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
 Owner/operator name: THOMPSON RUSSELL
 Owner/operator address: 201 HILLSBORO PLAZA
 DEERFIELD BEACH, FL 33441
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PYLON MFG CORP (Continued)

1000337093

Owner/operator name: RUSSELL THOMPSON
 Owner/operator address: 201 HILLSBORO PLAZA
 DEERFIELD BEACH, FL 33441
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002534721

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000337093
 Registry ID: 110002534721
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002534721>

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

21 **J M FAMILY ENTERPRISES**
201 NW 12 AVE
DEERFIELD BEACH, FL 33443

RCRA-CESQG **1014467452**
FLT950050708

RCRA-CESQG:

Date form received by agency: 02/21/1995
 Facility name: J M FAMILY ENTERPRISES
 Facility address: 201 NW 12 AVE
 DEERFIELD BEACH, FL 33443
 EPA ID: FLT950050708
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

MAP FINDINGS

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

21 **J.B. PAINTING & WATERPROOFING** RCRA-SQG 1014923064
303 JIM MORAN BLVD FLR000182212
DEERFIELD BEACH, FL 33442

RCRA-SQG:

Date form received by agency: 02/15/2013
 Facility name: J.B. PAINTING & WATERPROOFING
 Facility address: 303 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1729
 EPA ID: FLR000182212
 Mailing address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1729
 Contact: CHANDRA RAMSARAN
 Contact address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1729
 Contact country: US
 Contact telephone: 954-574-0000
 Contact email: JBPAIN1@HOTMAIL.COM
 EPA Region: 04
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JAMES BROWN
 Owner/operator address: 303 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: 954-574-0000
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/19/2012
 Owner/Op end date: Not reported

Owner/operator name: JAMES BROWN
 Owner/operator address: 303 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: 954-574-0000
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 01/19/2012
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

J.B. PAINTING & WATERPROOFING (Continued)

1014923064

Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 03/21/2012
 Site name: J.B. PAINTING & WATERPROOFING
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 01/19/2012
 Site name: J.B. PAINTING & WATERPROOFING
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

J.B. PAINTING & WATERPROOFING (Continued)

1014923064

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: 262.11
 Area of violation: Generators - General
 Date violation determined: 02/15/2013
 Date achieved compliance: 05/02/2013
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: 07/31/2013
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: 262.34(a)(4)
 Area of violation: Generators - Pre-transport
 Date violation determined: 02/15/2013
 Date achieved compliance: 03/19/2013
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: 07/31/2013
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: 262.34(d)(4)
 Area of violation: Generators - Pre-transport
 Date violation determined: 02/15/2013
 Date achieved compliance: 03/19/2013
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: 07/31/2013
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 02/15/2013
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

MAP FINDINGS

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

J.B. PAINTING & WATERPROOFING (Continued)

1014923064

Area of violation:	Generators - Pre-transport
Date achieved compliance:	03/19/2013
Evaluation lead agency:	State
Evaluation date:	02/15/2013
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	05/02/2013
Evaluation lead agency:	State
Evaluation date:	03/20/2012
Evaluation:	COMPLIANCE ASSISTANCE VISIT
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

21	RCC ASSOCIATES 255 NW 12TH AVE DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S113719586 N/A
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BROWARD CO. HM:

Region:	BROWARD
Facility ID:	15188
Alt Location:	Not reported

22	UNITED PARCEL SERVICE 1332 NW 3RD ST DEERFIELD BEACH, FL 33441	FL LUST FL UST FL BROWARD CO. HM FL NPDES	1000735971 N/A
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LUST:

Region:	STATE
Facility Id:	8625857
Facility Status:	OPEN
Facility Type:	C - Fuel user/Non-retail
Facility Phone:	(786)566-2438
Facility Cleanup Rank:	8533
District:	Southeast District
Lat/Long (dms):	26 19 17.52 / 80 7 21.86
Section:	035
Township:	47S
Range:	42E
Feature:	Not reported
Method:	AGPS
Datum:	0
Score:	60
Score Effective Date:	04/13/2006
Score When Ranked:	10
Operator:	OSH FLEMING
Name Update:	Not reported
Address Update:	04/13/2016
Discharge Cleanup Summary:	
Discharge Date:	05/17/1988
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	07/11/2007

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

UNITED PARCEL SERVICE (Continued)

1000735971

Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	GOMOLKA_J
Site Mgr End Date:	07/11/2007
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Petroleum Cleanup Program Eligibility:	
Facility ID:	8625857
Discharge Date:	17-MAY-88
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	07/11/2007
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Application Received Date:	23-MAY-88
Cleanup Program:	E - EARLY DETECTION INCENTIVE
Eligibility Status:	06-MAY-91
Elig Status Date:	06-MAY-91
Letter Of Intent Date:	05/23/1988
Redetermined:	No
Inspection Date:	09/16/1988
Site Manager:	GOMOLKA_J
Site Mgr End Date:	07/11/2007
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Deductible Amount:	Not reported
Deductible Paid To Date:	0
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	0
Cap Amount:	Not reported
Contaminated Media:	
Discharge Date:	05/17/1988
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	07/11/2007
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	GOMOLKA_J
Site Mgr End Date:	07/11/2007
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	05/17/1988
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

UNITED PARCEL SERVICE (Continued)

1000735971

Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 07/11/2007
 Cleanup Work Status: COMPLETED
 Information Source: E - EDI
 Other Source Description: Not reported
 Elig Indicator: E - ELIGIBLE
 Site Manager: GOMOLKA_J
 Site Mgr End Date: 07/11/2007
 Tank Office: PCLP6 - BROWARD CNTY ENVIRONME
 Contaminated Drinking Wells: 0
 Contaminated Monitoring Well: Yes
 Contaminated Soil: Yes
 Contaminated Surface Water: No
 Contaminated Ground Water: Yes
 Pollutant: H - Generator/Pump Diesel
 Pollutant Other Description: Not reported
 Gallons Discharged: Not reported

Task Information:
 District: SED
 Facility ID: 8625857
 Facility Status: OPEN
 Facility Type: C - Fuel user/Non-retail -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: E
 Source Effective Date: 06-18-2007
 Discharge Date: 05-17-1988
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 07-11-2007
 SRC Action Type: NFA - NO FURTHER ACTION
 SRC Submit Date: 03-09-2007
 SRC Review Date: 05-09-2007
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 07-11-2007
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: GOMOLKA_J
 Site Mgr End Date: 07-11-2007
 Tank Office: PCLP6 - Broward County
 SR Task ID: 26433
 SR Cleanup Responsible: RP - RESPONSIBLE PARTY
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

UNITED PARCEL SERVICE (Continued)

1000735971

SA Task ID: 79907
 SA Cleanup Responsible: RP - RESPONSIBLE PARTY
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 81001
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported

Click here for Florida Oculus:

UST:

Facility Id: 8625857
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (786) 566-2438
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 19 13 / 80 7 19

Owner:

Owner Id: 22625
 Owner Name: UNITED PARCEL SERVICE
 Owner Address: 6001 E 8TH AVE
 Owner Address 2: ATTN: MARK WELSH
 Owner City,St,Zip: HIALEAH, FL 33013
 Owner Contact: MARK WELSH/ 954.243.5110 | ALLEN LIMBURG
 Owner Phone: (786) 413-3279

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: 31-OCT-1991
 Install Date: 01-JUL-1971
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 4000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 10
 Status: In service
 Status Date: 01-JUL-2007
 Install Date: 01-JUL-2007
 Substance: Unleaded gas
 Content Description: Unleaded Gas

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNITED PARCEL SERVICE (Continued)

1000735971

Gallons:	12000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	10
Construction Category:	Overfill/Spill
Construction Description:	Ball check valve
Tank Id:	10
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	10
Construction Category:	Overfill/Spill
Construction Description:	Flow shut-Off
Tank Id:	10
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	10
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	10
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Tank Id:	10
Construction Category:	Secondary Containment
Construction Description:	Double wall
Monitoring:	
Tank ID:	10
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	10
Monitoring Description:	Continuous electronic sensing
Tank ID:	10
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	10
Monitoring Description:	Electronic monitor dispenser liners
Tank ID:	10
Monitoring Description:	Electronic line leak detector

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

UNITED PARCEL SERVICE (Continued)

1000735971

Piping:

Tank ID: 10
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank ID: 10
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 10
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 10
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank Id: 2
 Status: Removed
 Status Date: 31-OCT-1991
 Install Date: 01-JUL-1971
 Substance: Leaded gas
 Content Description: Leaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 3
 Status: Removed
 Status Date: 31-OCT-1991
 Install Date: Not reported
 Substance: Waste oil
 Content Description: Waste Oil
 Gallons: 500
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 4
 Status: Removed
 Status Date: 01-JUL-2007
 Install Date: 01-FEB-1988
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 15000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 5
 Status: Removed
 Status Date: 01-JUL-2007
 Install Date: 01-FEB-1988
 Substance: Unleaded gas
 Content Description: Unleaded Gas

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNITED PARCEL SERVICE (Continued)

1000735971

Gallons: 15000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 6
 Status: Removed
 Status Date: 01-OCT-1994
 Install Date: 01-FEB-1988
 Substance: Waste oil
 Content Description: Waste Oil
 Gallons: 4000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 7
 Status: Removed
 Status Date: 01-OCT-1994
 Install Date: 01-FEB-1988
 Substance: New/lube oil
 Content Description: New/Lube Oil
 Gallons: 4000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 8
 Status: In service
 Status Date: 01-JUL-2007
 Install Date: 01-JUL-2007
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 12000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Construction:
 Tank Id: 8
 Construction Category: Primary Construction
 Construction Description: Fiberglass

Tank Id: 8
 Construction Category: Overfill/Spill
 Construction Description: Ball check valve

Tank Id: 8
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Tank Id: 8
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

Tank Id: 8
 Construction Category: Overfill/Spill
 Construction Description: Level gauges/alarms

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNITED PARCEL SERVICE (Continued)

1000735971

Tank Id:	8
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	8
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Monitoring:	
Tank ID:	8
Monitoring Description:	Continuous electronic sensing
Tank ID:	8
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	8
Monitoring Description:	Electronic monitor dispenser liners
Tank ID:	8
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	8
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	8
Monitoring Description:	Mechanical line leak detector
Tank ID:	8
Monitoring Description:	Electronic line leak detector
Piping:	
Tank ID:	8
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	8
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	8
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	8
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank Id:	9
Status:	In service
Status Date:	01-JUL-2007
Install Date:	01-JUL-2007
Substance:	Vehicular diesel
Content Description:	Vehicular Diesel
Gallons:	12000
Vessel Indicator:	TANK

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNITED PARCEL SERVICE (Continued)

1000735971

Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	9
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	9
Construction Category:	Overfill/Spill
Construction Description:	Ball check valve
Tank Id:	9
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	9
Construction Category:	Overfill/Spill
Construction Description:	Flow shut-Off
Tank Id:	9
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	9
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Tank Id:	9
Construction Category:	Secondary Containment
Construction Description:	Double wall
Monitoring:	
Tank ID:	9
Monitoring Description:	Continuous electronic sensing
Tank ID:	9
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	9
Monitoring Description:	Electronic monitor dispenser liners
Tank ID:	9
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	9
Monitoring Description:	Mechanical line leak detector
Tank ID:	9
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	9
Monitoring Description:	Electronic line leak detector
Piping:	
Tank ID:	9
Piping Category:	Secondary Containment

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNITED PARCEL SERVICE (Continued)

1000735971

Piping Description: Double wall

Tank ID: 9
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 9
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 9
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Click here for Florida Oculus:

Broward Co. UST:

DEP Site Id: 068625857
 Facility ID: 00791

Storage Tank #: 00791-02
 Tank Construction: E. Fiberglass
 Tank Size: 15000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: B. Unleaded Gasoline
 Install Date: 02/28/1988
 Alt Location: Not reported

Storage Tank #: 00791-03
 Tank Construction: E. Fiberglass
 Tank Size: 15000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: B. Unleaded Gasoline
 Install Date: 02/28/1988
 Alt Location: Not reported

Storage Tank #: 00791-04
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 09/12/2007
 Alt Location: Not reported

Storage Tank #: 00791-05
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNITED PARCEL SERVICE (Continued)

1000735971

Tank Contents: D. Vehicular Diesel
 Install Date: 09/12/2007
 Alt Location: Not reported

Storage Tank #: 00791-06
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: 09/12/2007
 Alt Location: Not reported

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 00791
 Alt Location: Not reported

WASTEWATER:

Facility ID: FLR05I074
 Facility Type: Multi-Sector Stormwater GP
 Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
 NPDES Permitted Site: Not reported
 Environmental Interest: Not reported
 Owner Type: Private
 Permit Capacity: Not reported
 Party Name: Wesley Harris, District PE Manager
 Company Name: UPS
 RP Address: 1332 NW 3rd St
 RP Address 2: Not reported
 RP City,Stat,Zip: Deerfield Beach FL 33442-1649
 Telephone: 4078268053
 Email: WHarris@UPS.com
 Issue Date: 03/16/2017
 Effective Date: 03/16/2017
 Expiration Date: 03/15/2022
 DOC Description: Generic Permit
 Latitude Degrees: 26
 Latitude Minutes: 19
 Latitude Seconds: 11.2
 Longitude Degrees: 80
 Longitude Minutes: 7
 Longitude Seconds: 23.4
 Treatment: Not reported
 Decode For Fstatus: Active

MAP FINDINGS

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

22 UPS INC RCRA-CESQG 1000881259
 1332 NW 3RD ST FLD984171520
 DEERFIELD BEACH, FL 33442

RCRA-CESQG:

Date form received by agency: 08/29/2016
 Facility name: UPS INC
 Facility address: 1332 NW 3RD ST
 DEERFIELD BEACH, FL 33442-0000
 EPA ID: FLD984171520
 Contact: OSHWATAH FLEMING
 Contact address: 1332 NW 3RD ST
 DEERFIELD BEACH, FL 33442-1649
 Contact country: US
 Contact telephone: 954-360-4567
 Contact email: RXX6OMF@UPS.COM
 EPA Region: 04
 Land type: Private
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: TERRY GURSKYJ
 Owner/operator address: 6001 E 8TH AVE
 HIALEAH, FL 33013
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/01/1973
 Owner/Op end date: 10/18/1996

Owner/operator name: MARK WELSH
 Owner/operator address: 1332 NW 3RD ST
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: 786-413-3383
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 04/01/2010

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UPS INC (Continued)

1000881259

Owner/Op end date: Not reported

Owner/operator name: UPS INC
 Owner/operator address: 55 GLENLAKE PKWY
 ATLANTA, GA 30328

Owner/operator country: US
 Owner/operator telephone: 404-828-8991
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/01/1973
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D002
 . Waste name: CORROSIVE WASTE

. Waste code: D003
 . Waste name: REACTIVE WASTE

. Waste code: D007
 . Waste name: CHROMIUM

. Waste code: D018
 . Waste name: BENZENE

. Waste code: D039
 . Waste name: TETRACHLOROETHYLENE

. Waste code: U003
 . Waste name: ACETONITRILE (I,T)

. Waste code: U035
 . Waste name: BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U080

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UPS INC (Continued)

1000881259

- . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
- . Waste code: U122
- . Waste name: FORMALDEHYDE
- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)
- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE
- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Historical Generators:

Date form received by agency: 07/10/2014

Site name: UPS INC

Classification: Small Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
- . Waste code: U003
- . Waste name: ACETONITRILE (I,T)
- . Waste code: U035
- . Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
- . Waste code: U080
- . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
- . Waste code: U122
- . Waste name: FORMALDEHYDE
- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)
- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE
- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

UPS INC (Continued)

1000881259

Date form received by agency: 10/06/1995
 Site name: UPS INC
 Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/15/1994
 Site name: UPS
 Classification: Small Quantity Generator

Waste code: D001
 Waste name: IGNITABLE WASTE

Date form received by agency: 03/01/1990
 Site name: UPS
 Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 10/06/1995
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

23

MASYC SOUTHERN CORP
185 JIM MORAN BLVD
DEERFIELD BEACH, FL 33442

RCRA-SQG 1000698852
FINDS FLD048377519
ECHO

RCRA-SQG:

Date form received by agency: 08/07/1987
 Facility name: MASYC SOUTHERN CORP
 Facility address: 185 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1701
 EPA ID: FLD048377519
 Mailing address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1701
 Contact: WILLIAM IRWIN
 Contact address: JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442-1701
 Contact country: US
 Contact telephone: 305-426-4000
 Contact email: Not reported
 EPA Region: 04
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: WILLIAM IRWIN
 Owner/operator address: 185 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MASYC SOUTHERN CORP (Continued)

1000698852

Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 12/27/1996
 Owner/Op end date: Not reported

Owner/operator name: IRWIN WILLIAM
 Owner/operator address: 185 JIM MORAN BLVD
 DEERFIELD BEACH, FL 33442

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 12/27/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002531591

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

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

MASYC SOUTHERN CORP (Continued)

1000698852

ECHO:

Envid:	1000698852
Registry ID:	110002531591
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002531591

23	JM FAMILY ENTERPRISES, INC. - WEST 185 NW 12TH AVE DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S107675360 N/A
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BROWARD CO. HM:

Region:	BROWARD
Facility ID:	04603
Alt Location:	Not reported

24	DOUBLETREE BY HILTON DEERFIELD BCH-BOCA RATON 100 FAIRWAY DR DEERFIELD BEACH, FL 33441	FL BROWARD CO. HM FL TIER 2	S104520610 N/A
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BROWARD CO. HM:

Region:	BROWARD
Facility ID:	03008
Alt Location:	Not reported

Region:	BROWARD
Facility ID:	03760
Alt Location:	Not reported

TIER 2:

Year:	2014
Facility Id:	5279777
Active Date:	Not reported
Inactive Date:	Not reported
Sale Pending:	Not reported
Original Date:	Not reported
PLOT Source:	Not reported
Latitude:	26.32051381031008
Longitude:	-80.11292843819615
LEPC District:	Not reported
Counties:	Not reported
SERC:	Not reported
Program Level:	Not reported
PRIME:	Not reported
SIC Code:	7011
SIC Code 2:	Not reported
NAICS Code:	72111
Last Modified Date:	09/23/2015
First Submit Date:	09/23/2015
Data Submitted By:	Tom Mulroy / General Manager
Company Name:	Garrison Deerfield Opco LLC
Comments:	Not reported

Contact:

Contact ID:	Not reported
Year:	2014
Facility Id:	5279777

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DOUBLETREE BY HILTON DEERFIELD BCH-BOCA RATON (Continued)

S104520610

Contact Type: Emergency Contact
 Contact Name: Fernando Agras
 Contact Title: Not reported
 Contact Phone: 786-459-9341
 Contact 24Hr Phone: Not reported
 Contact Telephone 2: 786-459-9341
 Contact Telephone 3: Not reported
 Contact Telephone 4: Not reported
 Contact Telephone 5: Not reported
 Contact Telephone 6: Not reported
 Contact Email: Fernando.Agras@Hilton.com

24

**HILTON HOTEL
 100 FAIRWAY DR
 DEERFIELD BEACH, FL 33441**

**RCRA-CESQG 1014468561
 FLT990063000**

RCRA-CESQG:

Date form received by agency: 05/12/1999
 Facility name: HILTON HOTEL
 Facility address: 100 FAIRWAY DR
 DEERFIELD BEACH, FL 33441-1856
 EPA ID: FLT990063000
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HILTON HOTEL (Continued)

1014468561

Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

25

**DEERFIELD COUNTRY CLUB
 50 FAIRWAY DR
 DEERFIELD BEACH, FL 33441**

**FL Broward Co. EDIEAR
 FL LUST
 FL UST
 FL BROWARD CO. HM
 FL BROWARD CO. NOV**

**U001343575
 N/A**

Broward Co. EDIEAR:

Facility ID: 1898B
 Facility Department: Not reported
 Program Type: NF
 Facility Type: GOLF COURSE
 Pollutant Type: ARSENIC; HERBICIDES; PESTICIDES
 Lead Agency: BCEPD

LUST:

Region: STATE
 Facility Id: 8838218
 Facility Status: CLOSED
 Facility Type: C - Fuel user/Non-retail
 Facility Phone: (305)427-4400
 Facility Cleanup Rank: Not reported
 District: Southeast District
 Lat/Long (dms): 26 19 8.663 / 80 6 39.8995
 Section: Not reported
 Township: Not reported
 Range: Not reported
 Feature: Not reported
 Method: Not reported
 Datum: 0
 Score: Not reported
 Score Effective Date: Not reported
 Score When Ranked: Not reported
 Operator: DEERFIELD COUNTRY CLUB
 Name Update: Not reported
 Address Update: Not reported

Discharge Cleanup Summary:

Discharge Date: 09/19/1988
 PCT Discharge Combined: Not reported
 Cleanup Required: N - NO CLEANUP REQUIRED
 Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED
 Disch Cleanup Status Date: 05/29/2001
 Cleanup Work Status: COMPLETED
 Information Source: E - EDI
 Other Source Description: Not reported
 Eligibility Indicator: I - INELIGIBLE
 Site Manager: Not reported
 Site Mgr End Date: Not reported
 Tank Office: -

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

DEERFIELD COUNTRY CLUB (Continued)

U001343575

Task Information:

District: SED
 Facility ID: 8838218
 Facility Status: CLOSED
 Facility Type: C - Fuel user/Non-retail -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: Not reported
 Discharge Date: 09-19-1988
 Cleanup Required: N - NO CLEANUP REQUIRED
 Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED
 Disch Cleanup Status Date: 05-29-2001
 SRC Action Type: -
 SRC Submit Date: Not reported
 SRC Review Date: Not reported
 SRC Completion Status: -
 SRC Issue Date: Not reported
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: Not reported
 Site Mgr End Date: Not reported
 Tank Office: -
 SR Task ID: 26024
 SR Cleanup Responsible: ST - STATE
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 26025
 SA Cleanup Responsible: ST - STATE
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: 26026
 RAP Cleanup Responsible ID: ST - STATE
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 26027
 RA Cleanup Responsible: ST - STATE
 RA Funding Eligibility Type: -
 RA Years to Complete: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

DEERFIELD COUNTRY CLUB (Continued)

U001343575

RA Actual Cost: Not reported

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UST:

Facility Id: 8838218
 Facility Status: CLOSED
 Type Description: Fuel user/Non-retail
 Facility Phone: (305) 427-4400
 Region: STATE
 Positioning Method: Not reported
 Lat/Long (dms): Not reported

Owner:

Owner Id: 5537
 Owner Name: DEERFIELD COUNTRY CLUB
 Owner Address: 50 FAIRWAY DR
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33441
 Owner Contact: WILLIAM CORRADETTI
 Owner Phone: (305) 427-4400

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: 28-FEB-1990
 Install Date: 01-JUL-1962
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 2000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 2
 Status: Removed
 Status Date: Not reported
 Install Date: 01-JUL-1970
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 500
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

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BROWARD CO. HM:

Region: BROWARD
 Facility ID: 07558
 Alt Location: Not reported

BROWARD CO. NOV:

Notice of Violation: 12/05/2010
 Facility Status: Closed

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DEERFIELD COUNTRY CLUB (Continued)

U001343575

Region: BROWARD
 Enforcement Number: NOV11-0008
 Code Section Number: 27-27(a)(2) General violations and prohibitions.
 Completed Date: 08/10/2015
 Closest Major Intersection: Not reported

Notice of Violation: 12/05/2010
 Facility Status: Closed
 Region: BROWARD
 Enforcement Number: NOV11-0008
 Code Section Number: 27-356(d)(4)b. Effective 3/5/08 EAR Due Dates for Reports
 Completed Date: 08/10/2015
 Closest Major Intersection: Not reported

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**JM FAMILY ENTERPRISES
 120 JIM MORAN BLVD NW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL AST S103298674
 N/A**

AST:

Facility ID: 9402067
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 420-4731
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 8 40 / 80 10 50

Owner:

Owner Id: 62355
 Owner Name: JM FAMILY ENTERPRISES INC
 Owner Address: 111 JIM MORAN BLVD
 Owner Address 2: ATTN: JANET SIMONEAUX
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 Owner Contact: JANET SIMONEAUX / LEA ANNE CAMPBELL
 Owner Phone: (954) 949-3539

Tank Id: 1
 Status: In service
 Status Date: 01-DEC-1994
 Install Date: 01-DEC-1994
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 2000
 Tank Location: ABOVEGROUND

Construction:

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

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

Tank Id: 1
 Construction Category: Overfill/Spill

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JM FAMILY ENTERPRISES (Continued)

S103298674

Construction Description: Tight fill

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall - tank jacket

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

Monitoring:
 Tank ID: 1
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
 Monitoring Description: Manual tank gauging - USTs

Tank ID: 1
 Monitoring Description: Not required

Piping:
 Tank ID: 1
 Piping Category: Primary Construction
 Piping Description: Steel/galvanized metal

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Suction piping system

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Click here for Florida Oculus:

**27 JM FAMILY ENTERPRISES, INC.
 111 NW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM S107675356
 N/A**

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 02968
 Alt Location: Not reported

**27 JM FAMILY ENTERPRISES, INC.
 111 NW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL AST A100290616
 N/A**

BROWARD CO AST:
 Facility ID: 02968
 Storage Tank ID: 02968-01
 Tank Status: U. In-Service
 Installation Date: 11/01/1996
 Tank Size: 1500

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JM FAMILY ENTERPRISES, INC. (Continued)

A100290616

DEP Site ID: 069700093
 Tank Construction: C. Steel
 Tank Content: G. Diesel; Emergency Generator
 Location: Above ground
 Alternate Location: Not reported

28

**FCE #1813
 301 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441**

**FL Broward Co. EDIEAR
 FL LUST
 FL UST
 FL DWM CONTAM
 FL CLEANUP SITES**

**U003730032
 N/A**

Broward Co. EDIEAR:

Facility ID: 1783
 Facility Department: 068943503
 Program Type: NF
 Facility Type: GAS STATION
 Pollutant Type: GASOLINE
 Lead Agency: BCEPD

LUST:

Region: STATE
 Facility Id: 8943503
 Facility Status: OPEN
 Facility Type: A - Retail Station
 Facility Phone: (954)809-9032
 Facility Cleanup Rank: 209
 District: Southeast District
 Lat/Long (dms): 26 19 8.5091 / 80 6 29.7511
 Section: 011
 Township: 48S
 Range: 042
 Feature: Not reported
 Method: AGPS
 Datum: 0
 Score: 60
 Score Effective Date: 07/29/2013
 Score When Ranked: 86
 Operator: JOE VALVERDE
 Name Update: 01/04/2018
 Address Update: 11/15/2012

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: ONGO - ONGOING
 Contact: JOSE VALVERDE
 Contact Company: DEERFIELD PETRO HOLDING LLC
 Contact Address: 301 W HILLSBORO BLVD
 Contact City/State/Zip: DEERFIELD, FL 33441
 Phone: (954)809-9032
 Bad Address Ind: N
 State: FL
 Zip: 33441
 Score: 60
 Score Effective Date: 29-JUL-13
 Related Party ID: 76156
 Primary RP Role: ACCOUNT OWNER
 RP Begin Date: 01/04/2018

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FCE #1813 (Continued)

U003730032

RP Zip:	Not reported
RP Extension:	Not reported
Discharge Cleanup Summary:	
Discharge Date:	07/29/1991
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06/15/1996
Cleanup Work Status:	INACTIVE
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	SINGLETON_D
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Petroleum Cleanup Program Eligibility:	
Facility ID:	8943503
Discharge Date:	29-JUL-91
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06/15/1996
Cleanup Work Status:	INACTIVE
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Application Received Date:	29-JUL-91
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	25-SEP-91
Elig Status Date:	25-SEP-91
Letter Of Intent Date:	08/29/1991
Redetermined:	No
Inspection Date:	08/26/1991
Site Manager:	SINGLETON_D
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Deductible Amount:	500
Deductible Paid To Date:	1000
Co-Pay Amount:	0
Co-Pay Paid To Date:	0
Cap Amount:	1200000
Contaminated Media:	
Discharge Date:	07/29/1991
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06/15/1996
Cleanup Work Status:	INACTIVE
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	SINGLETON_D
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FCE #1813 (Continued)

U003730032

Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	25
Discharge Date:	07/29/1991
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06/15/1996
Cleanup Work Status:	INACTIVE
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	SINGLETON_D
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	D - Vehicular Diesel
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Task Information:	
District:	SED
Facility ID:	8943503
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	BROWARD
County ID:	6
Cleanup Eligibility Status:	E
Source Effective Date:	Not reported
Discharge Date:	07-29-1991
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06-15-1996
SRC Action Type:	-
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	-
SRC Issue Date:	Not reported
SRC Comment:	Not reported
Cleanup Work Status:	INACTIVE
Site Mgr:	SINGLETON_D
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - Broward County
SR Task ID:	62885
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	08-27-1991
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

FCE #1813 (Continued)

U003730032

SR Soil Removal: Y
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: 654
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 25113
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: 06-05-1992
 SA Payment Date: Not reported
 RAP Task ID: 25114
 RAP Cleanup Responsible ID: RP - RESPONSIBLE PARTY
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: 08-02-1993
 RAP Payment Date: Not reported
 RAP Last Order Approved: 1993-08-02 00:00:00
 RA Task ID: 64464
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: Not reported
 RA Actual Cost: Not reported

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UST:

Facility Id: 8943503
 Facility Status: OPEN
 Type Description: Retail Station
 Facility Phone: (954) 809-9032
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 19 7 / 80 6 32

Owner:

Owner Id: 76156
 Owner Name: DEERFIELD PETRO HOLDING LLC
 Owner Address: 301 W HILLSBORO BLVD
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD, FL 33441
 Owner Contact: JOSE VALVERDE
 Owner Phone: (954) 809-9032

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: 31-JUL-1991
 Install Date: 01-DEC-1988
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FCE #1813 (Continued)

U003730032

Tank Location:	UNDERGROUND
DEP Contractor:	C
Tank Id:	2
Status:	Removed
Status Date:	31-JUL-1991
Install Date:	01-DEC-1988
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	C
Tank Id:	3
Status:	Removed
Status Date:	31-JUL-1991
Install Date:	01-DEC-1988
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	C
Tank Id:	4
Status:	Removed
Status Date:	31-JUL-1991
Install Date:	01-DEC-1988
Substance:	Vehicular diesel
Content Description:	Vehicular Diesel
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	C
Tank Id:	5
Status:	In service
Status Date:	Not reported
Install Date:	01-JUL-1991
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	C
Construction:	
Tank Id:	5
Construction Category:	Overfill/Spill
Construction Description:	Ball check valve
Tank Id:	5
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	5
Construction Category:	Secondary Containment

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FCE #1813 (Continued)

U003730032

Construction Description: Double wall

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Monitoring:
 Tank ID: 5
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
 Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
 Monitoring Description: Electronic line leak detector

Tank ID: 5
 Monitoring Description: Continuous electronic sensing

Tank ID: 5
 Monitoring Description: Electronic monitor pipe sumps

Tank ID: 5
 Monitoring Description: Visual inspect dispenser liners

Piping:
 Tank ID: 5
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 5
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 5
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank Id: 6
 Status: In service
 Status Date: Not reported
 Install Date: 01-JUL-1991
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Construction:
 Tank Id: 6
 Construction Category: Overfill/Spill
 Construction Description: Ball check valve

Tank Id: 6
 Construction Category: Primary Construction

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FCE #1813 (Continued)

U003730032

Construction Description: Fiberglass

Tank Id: 6
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 6
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Monitoring:

Tank ID: 6
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
 Monitoring Description: Automatic tank gauging - USTs

Tank ID: 6
 Monitoring Description: Electronic line leak detector

Tank ID: 6
 Monitoring Description: Continuous electronic sensing

Tank ID: 6
 Monitoring Description: Electronic monitor pipe sumps

Tank ID: 6
 Monitoring Description: Visual inspect dispenser liners

Piping:

Tank ID: 6
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 6
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 6
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank Id: 7
 Status: In service
 Status Date: Not reported
 Install Date: 01-JUL-1991
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Construction:

Tank Id: 7
 Construction Category: Overfill/Spill

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FCE #1813 (Continued)

U003730032

Construction Description:	Ball check valve
Tank Id:	7
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	7
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	7
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Monitoring:	
Tank ID:	7
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	7
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	7
Monitoring Description:	Electronic line leak detector
Tank ID:	7
Monitoring Description:	Continuous electronic sensing
Tank ID:	7
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	7
Monitoring Description:	Visual inspect dispenser liners
Piping:	
Tank ID:	7
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	7
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	7
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank Id:	8
Status:	In service
Status Date:	Not reported
Install Date:	01-JUL-1991
Substance:	Vehicular diesel
Content Description:	Vehicular Diesel
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FCE #1813 (Continued)

U003730032

DEP Contractor: C

Construction:

Tank Id: 8
 Construction Category: Overfill/Spill
 Construction Description: Ball check valve

Tank Id: 8
 Construction Category: Primary Construction
 Construction Description: Fiberglass

Tank Id: 8
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 8
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Monitoring:

Tank ID: 8
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 8
 Monitoring Description: Automatic tank gauging - USTs

Tank ID: 8
 Monitoring Description: Electronic line leak detector

Tank ID: 8
 Monitoring Description: Continuous electronic sensing

Tank ID: 8
 Monitoring Description: Electronic monitor pipe sumps

Tank ID: 8
 Monitoring Description: Visual inspect dispenser liners

Piping:

Tank ID: 8
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 8
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 8
 Piping Category: Primary Construction
 Piping Description: Fiberglass

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Broward Co. UST:

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FCE #1813 (Continued)

U003730032

DEP Site Id: 068943503
 Facility ID: 03617

Storage Tank #: 03617-01
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 10/01/1991
 Alt Location: Not reported

Storage Tank #: 03617-02
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 10/01/1991
 Alt Location: Not reported

Storage Tank #: 03617-03
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 10/01/1991
 Alt Location: Not reported

Storage Tank #: 03617-04
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 10/01/1991
 Alt Location: Not reported

Storage Tank #: 03617-05
 Tank Construction: E. Fiberglass
 Tank Size: 4000
 Tank Type: Underground
 Tank Status: Z. Tank No Longer Contains Regulated Substance
 Tank Contents: Not reported
 Install Date: 06/20/1992
 Alt Location: Not reported

Storage Tank #: 03617-06
 Tank Construction: E. Fiberglass
 Tank Size: 550
 Tank Type: Underground

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

FCE #1813 (Continued)

U003730032

Tank Status: Z. Tank No Longer Contains Regulated Substance
 Tank Contents: Not reported
 Install Date: 06/20/1992
 Alt Location: Not reported

DWM CONTAM:

Program Site Id: 8943503
 Lat DD: 26
 Lat MM: 19
 Lat SS: 8.5091
 Long DD: 80
 Long MM: 6
 Long SS: 29.7511
 Office/ District: PCLP6
 Program Area: Petroleum
 Offsite Contamination: N
 Project Manager: SINGLETON_D
 Priority Score: 60
 Remediation Status: ACTIVE
 Date Known Offsite: Not reported
 Datum: HARN
 Method: DPHO
 Program Eligible: Yes
 Ineligible: Not reported

CLEANUP SITES:

DEP Cleanup Site Key: 51692530
 Source Database Name: Storage Tank Contamination Monitoring
 Source Database Id: 8943503
 CPAC Program Area Id: TK
 CLLC Cleanup Category Key: PETRO
 RSC2 Remediation Status Key: ACTIVE
 Data Load Date: 11/27/2017
 OC3 Office Id: SED
 Physical Address Line 2: Not reported
 OIC Object Of Interest Id: FACIL
 PC2 Proximity Id: EXACT
 Calc Coordinates Accuracy Level Id: 4
 CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
 DC4 Datum Id: High Accuracy Reference Network
 VSC1 Verification Status: REVIEWED
 Collect Username: HYDE_J
 Collect Date: 12/19/2003
 Collect Affiliation: CONTRACTOR
 Map Source: 1999 doqs
 Map Source Scale: 3069
 Interpolation Scale: Not reported
 Verifier Username: HYDE_J
 Verifier Affiliation: CONTRACTOR
 Verification Date: 12/19/2003
 Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
 Source Database Name Code: STCM
 CMC2 Coordinate Method ID Code: DPHO
 DC4 Datum ID Code: HARN
 Verified Coordinate Method ID Code: DPHO
 Comments: Not reported

MAP FINDINGS

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

FCE #1813 (Continued)

U003730032

Latitude/Longitude (deg/min/sec): 26 19 8.5091 / 29.7511 80 6

29

**BP - DEERFIELD #582
299 W HILLSBORO BLVD
DEERFIELD BEACH, FL 33441**

**FL LUST
FL UST
FL CLEANUP SITES
FL DWM CONTAM**

**U003729683
N/A**

LUST:

Region:	STATE
Facility Id:	8501838
Facility Status:	OPEN
Facility Type:	A - Retail Station
Facility Phone:	(954)655-0910
Facility Cleanup Rank:	674
District:	Southeast District
Lat/Long (dms):	26 19 8.6917 / 80 6 26.8979
Section:	Not reported
Township:	Not reported
Range:	Not reported
Feature:	Not reported
Method:	AGPS
Datum:	0
Score:	60
Score Effective Date:	07/25/2013
Score When Ranked:	75
Operator:	PAOLA SERRANO
Name Update:	09/22/2015
Address Update:	04/13/2009

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status:	ONGO - ONGOING
Contact:	PAOLA SERRANO
Contact Company:	DEERFIELD PETRO INC
Contact Address:	299 W HILLSBORO BLVD
Contact City/State/Zip:	DEERFIELD BEACH, FL 33441
Phone:	(954)655-0910
Bad Address Ind:	N
State:	FL
Zip:	33441, 3344
Score:	60
Score Effective Date:	25-JUL-13
Related Party ID:	70047
Primary RP Role:	ACCOUNT OWNER
RP Begin Date:	06/27/2014
RP Zip:	Not reported
RP Extension:	Not reported

Discharge Cleanup Summary:

Discharge Date:	12/16/1988
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	12/31/1991
Cleanup Work Status:	INACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	MICKLE_FG

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BP - DEERFIELD #582 (Continued)

U003729683

Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Petroleum Cleanup Program Eligibility:	
Facility ID:	8501838
Discharge Date:	16-DEC-88
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	12/31/1991
Cleanup Work Status:	INACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Application Received Date:	28-DEC-88
Cleanup Program:	E - EARLY DETECTION INCENTIVE
Eligibility Status:	24-JAN-90
Elig Status Date:	24-JAN-90
Letter Of Intent Date:	06/30/1996
Redetermined:	No
Inspection Date:	12/15/1989
Site Manager:	MICKLE_FG
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Deductible Amount:	Not reported
Deductible Paid To Date:	0
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	0
Cap Amount:	Not reported
Contaminated Media:	
Discharge Date:	12/16/1988
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	12/31/1991
Cleanup Work Status:	INACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	MICKLE_FG
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	2
Contaminated Monitoring Well:	Yes
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Task Information:	
District:	SED
Facility ID:	8501838
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	BROWARD
County ID:	6
Cleanup Eligibility Status:	E

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BP - DEERFIELD #582 (Continued)

U003729683

Source Effective Date: Not reported
 Discharge Date: 12-16-1988
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: RA - RA ONGOING
 Disch Cleanup Status Date: 12-31-1991
 SRC Action Type: -
 SRC Submit Date: Not reported
 SRC Review Date: Not reported
 SRC Completion Status: -
 SRC Issue Date: Not reported
 SRC Comment: Not reported
 Cleanup Work Status: INACTIVE
 Site Mgr: MICKLE_FG
 Site Mgr End Date: Not reported
 Tank Office: PCLP6 - Broward County
 SR Task ID: 27754
 SR Cleanup Responsible: RP - RESPONSIBLE PARTY
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 27755
 SA Cleanup Responsible: RP - RESPONSIBLE PARTY
 SA Funding Eligibility Type: -
 SA Actual Cost: \$21,628.90
 SA Completion Date: Not reported
 SA Payment Date: 12-30-1992
 RAP Task ID: 27756
 RAP Cleanup Responsible ID: RP - RESPONSIBLE PARTY
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: 08-27-1993
 RAP Last Order Approved: Not reported
 RA Task ID: 27757
 RA Cleanup Responsible: RP - RESPONSIBLE PARTY
 RA Funding Eligibility Type: -
 RA Years to Complete: Not reported
 RA Actual Cost: \$23,926.24

[Click here for Florida Oculus:](#)

UST:

Facility Id: 8501838
 Facility Status: OPEN
 Type Description: Retail Station

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BP - DEERFIELD #582 (Continued)

U003729683

Facility Phone: (954) 655-0910
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 19 2 / 80 6 34

Owner:
 Owner Id: 70047
 Owner Name: DEERFIELD PETRO INC
 Owner Address: 299 W HILLSBORO BLVD
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33441
 Owner Contact: PAOLA SERRANO
 Owner Phone: (954) 655-0910

Tank Info:
 Tank Id: 1
 Status: Removed
 Status Date: 01-MAR-2012
 Install Date: 01-MAY-1986
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Tank Id: 2
 Status: Removed
 Status Date: 01-MAR-2012
 Install Date: 01-MAY-1986
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Tank Id: 3
 Status: Removed
 Status Date: 01-MAR-2012
 Install Date: 01-MAY-1986
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Tank Id: 4
 Status: Removed
 Status Date: 01-MAR-2012
 Install Date: 01-MAY-1986
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BP - DEERFIELD #582 (Continued)

U003729683

DEP Contractor: C

Tank Id: 5
 Status: In service
 Status Date: 01-MAR-2012
 Install Date: 01-MAR-2012
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 12000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Construction:

Tank Id: 5
 Construction Category: Primary Construction
 Construction Description: Steel

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

Tank Id: 5
 Construction Category: Secondary Containment
 Construction Description: Double wall - tank jacket

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Tight fill

Monitoring:

Tank ID: 5
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
 Monitoring Description: Mechanical line leak detector

Tank ID: 5
 Monitoring Description: Monitor dbl wall pipe space

Tank ID: 5
 Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
 Monitoring Description: Visual inspect pipe sumps

Tank ID: 5
 Monitoring Description: Electronic monitor pipe sumps

Tank ID: 5
 Monitoring Description: Visual inspect dispenser liners

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BP - DEERFIELD #582 (Continued)

U003729683

Piping:

Tank ID: 5
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 5
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank ID: 5
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 5
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank Id: 6
 Status: In service
 Status Date: 01-MAR-2012
 Install Date: 01-MAR-2012
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 12000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Construction:

Tank Id: 6
 Construction Category: Primary Construction
 Construction Description: Steel

Tank Id: 6
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

Tank Id: 6
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Tank Id: 6
 Construction Category: Overfill/Spill
 Construction Description: Tight fill

Tank Id: 6
 Construction Category: Secondary Containment
 Construction Description: Double wall - tank jacket

Tank Id: 6
 Construction Category: Miscellaneous Attributes
 Construction Description: Compartmented

Monitoring:

Tank ID: 6
 Monitoring Description: Monitor dbl wall tank space

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BP - DEERFIELD #582 (Continued)

U003729683

Tank ID:	6
Monitoring Description:	Mechanical line leak detector
Tank ID:	6
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	6
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	6
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	6
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	6
Monitoring Description:	Visual inspect dispenser liners

Piping:

Tank ID:	6
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	6
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	6
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	6
Piping Category:	Secondary Containment
Piping Description:	Double wall

Click here for Florida Oculus:

Broward Co. UST:

DEP Site Id:	068501838
Facility ID:	03722
Storage Tank #:	03722-02
Tank Construction:	F. Fiberglass-clad steel
Tank Size:	10000
Tank Type:	Underground
Tank Status:	B. Removed From Site
Tank Contents:	B. Unleaded Gasoline
Install Date:	07/01/1986
Alt Location:	Not reported
Storage Tank #:	03722-03
Tank Construction:	F. Fiberglass-clad steel
Tank Size:	10000

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BP - DEERFIELD #582 (Continued)

U003729683

Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: B. Unleaded Gasoline
 Install Date: 07/01/1986
 Alt Location: Not reported

Storage Tank #: 03722-04
 Tank Construction: F. Fiberglass-clad steel
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: B. Unleaded Gasoline
 Install Date: 07/01/1986
 Alt Location: Not reported

Storage Tank #: 03722-05
 Tank Construction: Not reported
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 04/17/2012
 Alt Location: Not reported

Storage Tank #: 03722-06
 Tank Construction: Not reported
 Tank Size: 6000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 04/17/2012
 Alt Location: Not reported

Storage Tank #: 03722-07
 Tank Construction: Not reported
 Tank Size: 6000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: 04/17/2012
 Alt Location: Not reported

CLEANUP SITES:

DEP Cleanup Site Key: 51692722
 Source Database Name: Storage Tank Contamination Monitoring
 Source Database Id: 8501838
 CPAC Program Area Id: TK
 CLLC Cleanup Category Key: PETRO
 RSC2 Remediation Status Key: ACTIVE
 Data Load Date: 11/27/2017
 OC3 Office Id: SED
 Physical Address Line 2: Not reported
 OIC Object Of Interest Id: FACIL

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BP - DEERFIELD #582 (Continued)

U003729683

PC2 Proximity Id: EXACT
 Calc Coordinates Accuracy Level Id: 4
 CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
 DC4 Datum Id: High Accuracy Reference Network
 VSC1 Verification Status: REVIEWED
 Collect Username: HYDE_J
 Collect Date: 12/19/2003
 Collect Affiliation: CONTRACTOR
 Map Source: 1999 doqs
 Map Source Scale: 3069
 Interpolation Scale: Not reported
 Verifier Username: HYDE_J
 Verifier Affiliation: CONTRACTOR
 Verification Date: 12/19/2003
 Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
 Source Database Name Code: STCM
 CMC2 Coordinate Method ID Code: DPHO
 DC4 Datum ID Code: HARN
 Verified Coordinate Method ID Code: DPHO
 Comments: Not reported
 Latitude/Longitude (deg/min/sec): 26 19 8.6917 / 26.8979 80 6

DWM CONTAM:

Program Site Id: 8501838
 Lat DD: 26
 Lat MM: 19
 Lat SS: 8.6917
 Long DD: 80
 Long MM: 6
 Long SS: 26.8979
 Office/ District: PCLP6
 Program Area: Petroleum
 Offsite Contamination: N
 Project Manager: MICKLE_FG
 Priority Score: 60
 Remediation Status: ACTIVE
 Date Known Offsite: Not reported
 Datum: HARN
 Method: DPHO
 Program Eligible: Yes
 Ineligible: Not reported

29

**AMOCO STATION #6328
 299 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441**

**FL Broward Co. EDIEAR S105188615
 FL SPILLS N/A**

Broward Co. EDIEAR:
 Facility ID: 1506
 Facility Department: 068501838
 Program Type: FDEP
 Facility Type: GAS STATION
 Pollutant Type: GASOLINE
 Lead Agency: BCEPD

SPILLS:

OHMIT Incident Number: 8257
 Incident Legacy: 00-21-0355Z

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

AMOCO STATION #6328 (Continued)

S105188615

On-Scene Response: No
 Criminal Indicator: No
 Hurricane Indicator: No
 Incident Date: 07/31/2000
 Incident Status: Closed
 Incident Report Date: Not reported

30

**JM FAMILY ENTERPRISES
 100 JIM MORAN BLVD NW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL UST U001545957
 FL AST N/A**

UST:

Facility Id: 8841585
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 420-4731
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 8 40 / 80 10 50

Owner:

Owner Id: 62355
 Owner Name: JM FAMILY ENTERPRISES INC
 Owner Address: 111 JIM MORAN BLVD
 Owner Address 2: ATTN: JANET SIMONEAUX
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 Owner Contact: JANET SIMONEAUX / LEA ANNE CAMPBELL
 Owner Phone: (954) 949-3539

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: 01-DEC-1997
 Install Date: 01-JUL-1984
 Substance: Fuel oil-on site heat
 Content Description: Fuel Oil - Onsite Heat
 Gallons: 500
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

[Click here for Florida Oculus:](#)

AST:

Facility ID: 8841585
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 420-4731
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 8 40 / 80 10 50

Owner:

Owner Id: 62355
 Owner Name: JM FAMILY ENTERPRISES INC

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JM FAMILY ENTERPRISES (Continued)

U001545957

Owner Address: 111 JIM MORAN BLVD
 Owner Address 2: ATTN: JANET SIMONEAUX
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 Owner Contact: JANET SIMONEAUX / LEA ANNE CAMPBELL
 Owner Phone: (954) 949-3539

Tank Id: 2
 Status: In service
 Status Date: 01-AUG-2005
 Install Date: 01-JUL-2005
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 2000
 Tank Location: ABOVEGROUND

Construction:

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

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

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

Tank Id: 2
 Construction Category: Secondary Containment
 Construction Description: Double wall - tank jacket

Tank Id: 2
 Construction Category: Secondary Containment
 Construction Description: AST containment

Monitoring:

Tank ID: 2
 Monitoring Description: Visual inspection of ASTs

Tank ID: 2
 Monitoring Description: Monitor tank bottom space

Piping:

Tank ID: 2
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Tank ID: 2
 Piping Category: Primary Construction
 Piping Description: DEP approved piping

[Click here for Florida Oculus:](#)

MAP FINDINGS

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

30	JM FAMILY ENTERPRISES, INC. - EAST 100 NW 12TH AVE DEERFIELD BEACH, FL 33442	FL AST	A100291027 N/A
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BROWARD CO AST:

Facility ID:	08414
Storage Tank ID:	08414-01
Tank Status:	1. Installation / Modification; Out-of-Service
Installation Date:	08/01/2005
Tank Size:	2000
DEP Site ID:	068841585
Tank Construction:	C. Steel
Tank Content:	G. Diesel; Emergency Generator
Location:	Above ground
Alternate Location:	Not reported

30	JM FAMILY ENTERPRISES, INC. - EAST 100 NW 12TH AVE DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S108247486 N/A
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BROWARD CO. HM:

Region:	BROWARD
Facility ID:	08414
Alt Location:	Not reported

31	SUNSHINE #300035 1277 W HILLSBORO BLVD DEERFIELD BEACH, FL 33442	FL LUST FL UST	U003729751 N/A
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FL BROWARD CO. HM

LUST:

Region:	STATE
Facility Id:	8731682
Facility Status:	OPEN
Facility Type:	A - Retail Station
Facility Phone:	(305)477-5800
Facility Cleanup Rank:	Not reported
District:	Southeast District
Lat/Long (dms):	26 19 6.33 / 80 7 15.61
Section:	002
Township:	48S
Range:	42E
Feature:	Not reported
Method:	AGPS
Datum:	0
Score:	60
Score Effective Date:	10/01/1998
Score When Ranked:	Not reported
Operator:	MAXIMO ALVAREZ
Name Update:	03/31/2010
Address Update:	03/31/2010

Discharge Cleanup Summary:

Discharge Date:	05/13/1991
PCT Discharge Combined:	Not reported
Cleanup Required:	C - COMBINED CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	11/29/1993
Cleanup Work Status:	COMPLETED

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE #300035 (Continued)

U003729751

Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	I - INELIGIBLE
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Discharge Date:	08/16/1991
PCT Discharge Combined:	05/13/1991
Cleanup Required:	C - COMBINED CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	11/29/1993
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Discharge Date:	11/14/1988
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	11/29/1993
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Eligibility Indicator:	I - INELIGIBLE
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Discharge Date:	12/22/1998
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	03/10/2004
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	GROUNDWATER ANALYTICAL
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	SINGLETON_D
Site Mgr End Date:	03/10/2004
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT

Petroleum Cleanup Program Eligibility:

Facility ID:	8731682
Discharge Date:	16-AUG-91
Pct Discharge Combined With:	05/13/1991
Cleanup Required:	C - COMBINED CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	11/29/1993
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Application Received Date:	25-SEP-91
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	14-FEB-92
Elig Status Date:	14-FEB-92
Letter Of Intent Date:	09/10/1991

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE #300035 (Continued)

U003729751

Redetermined:	No
Inspection Date:	08/30/1991
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Deductible Amount:	500
Deductible Paid To Date:	500
Co-Pay Amount:	0
Co-Pay Paid To Date:	0
Cap Amount:	1000000
Facility ID:	8731682
Discharge Date:	22-DEC-98
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	03/10/2004
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	GROUNDWATER ANALYTICAL
Application Received Date:	29-DEC-98
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	07-JAN-99
Elig Status Date:	07-JAN-99
Letter Of Intent Date:	Not reported
Redetermined:	No
Inspection Date:	12/30/1998
Site Manager:	SINGLETON_D
Site Mgr End Date:	03/10/2004
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Deductible Amount:	10000
Deductible Paid To Date:	10000
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	0
Cap Amount:	150000
Contaminated Media:	
Discharge Date:	12/22/1998
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	03/10/2004
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	GROUNDWATER ANALYTICAL
Elig Indicator:	E - ELIGIBLE
Site Manager:	SINGLETON_D
Site Mgr End Date:	03/10/2004
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	No
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	BENZENE 340 PPB
Gallons Discharged:	Not reported

Task Information:

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE #300035 (Continued)

U003729751

District: SED
 Facility ID: 8731682
 Facility Status: OPEN
 Facility Type: A - Retail Station -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: 11-29-1993
 Discharge Date: 05-13-1991
 Cleanup Required: C - COMBINED CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 11-29-1993
 SRC Action Type: NFA - NO FURTHER ACTION
 SRC Submit Date: 10-18-1993
 SRC Review Date: 10-29-1993
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 11-29-1993
 SRC Comment: NFA COMPLETED CONCURRENT W/ 1988 DISCHARGE
 Cleanup Work Status: COMPLETED
 Site Mgr: Not reported
 Site Mgr End Date: Not reported
 Tank Office: -
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 26296
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: 63761
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 61423
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE #300035 (Continued)

U003729751

District: SED
 Facility ID: 8731682
 Facility Status: OPEN
 Facility Type: A - Retail Station -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: E
 Source Effective Date: 11-29-1993
 Discharge Date: 08-16-1991
 Cleanup Required: C - COMBINED CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 11-29-1993
 SRC Action Type: NFA - NO FURTHER ACTION
 SRC Submit Date: 10-18-1993
 SRC Review Date: 10-29-1993
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 11-29-1993
 SRC Comment: NFA COMPLETED CONCURRENT W/ 1988 DISCHARGE
 Cleanup Work Status: COMPLETED
 Site Mgr: Not reported
 Site Mgr End Date: Not reported
 Tank Office: -
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 65638
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 61424
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE #300035 (Continued)

U003729751

District: SED
 Facility ID: 8731682
 Facility Status: OPEN
 Facility Type: A - Retail Station -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: 11-29-1993
 Discharge Date: 11-14-1988
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 11-29-1993
 SRC Action Type: NFA - NO FURTHER ACTION
 SRC Submit Date: 10-18-1993
 SRC Review Date: 10-29-1993
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 11-29-1993
 SRC Comment: NFA COMPLETED CONCURRENT W/ BOTH 1991 DISCHARGES
 Cleanup Work Status: COMPLETED
 Site Mgr: Not reported
 Site Mgr End Date: Not reported
 Tank Office: -
 SR Task ID: 26297
 SR Cleanup Responsible: ST - STATE
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 26298
 SA Cleanup Responsible: ST - STATE
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: 10-29-1993
 SA Payment Date: Not reported
 RAP Task ID: 26299
 RAP Cleanup Responsible ID: ST - STATE
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 26300
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE #300035 (Continued)

U003729751

District: SED
 Facility ID: 8731682
 Facility Status: OPEN
 Facility Type: A - Retail Station -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: E
 Source Effective Date: 03-10-2004
 Discharge Date: 12-22-1998
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: SRCR - SRCR COMPLETE
 Disch Cleanup Status Date: 03-10-2004
 SRC Action Type: SRCR - SITE REHABILITATION COMPLETION REPORT
 SRC Submit Date: 06-04-2003
 SRC Review Date: 06-05-2003
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 03-10-2004
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: SINGLETON_D
 Site Mgr End Date: 03-10-2004
 Tank Office: PCLP6 - Broward County
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 66550
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: 68086
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 68609
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE #300035 (Continued)

U003729751

[Click here for Florida Oculus:](#)

UST:

Facility Id: 8731682
 Facility Status: OPEN
 Type Description: Retail Station
 Facility Phone: (305) 477-5800
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 19 5 / 80 7 14

Owner:

Owner Id: 21275
 Owner Name: SUNSHINE GASOLINE DIST INC
 Owner Address: 1650 NW 87TH AVE
 Owner Address 2: ATTN: MAXIMO ALVAREZ
 Owner City,St,Zip: MIAMI, FL 33172
 Owner Contact: MAXIMO ALVAREZ
 Owner Phone: (305) 477-5800

Tank Info:

Tank Id: 1
 Status: In service
 Status Date: 01-FEB-1999
 Install Date: 01-AUG-1986
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 12000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Construction:

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

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

Tank Id: 1
 Construction Category: Overfill/Spill
 Construction Description: Tight fill

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 1
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

Monitoring:

Tank ID: 1
 Monitoring Description: Monitor dbl wall tank space

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUNSHINE #300035 (Continued)

U003729751

Tank ID: 1
 Monitoring Description: Monitor dbl wall pipe space

Tank ID: 1
 Monitoring Description: Groundwater monitoring

Piping:
 Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 1
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 1
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank Id: 2
 Status: In service
 Status Date: 01-FEB-1999
 Install Date: 01-AUG-1986
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

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

Tank Id: 2
 Construction Category: Secondary Containment
 Construction Description: Double wall

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

Tank Id: 2
 Construction Category: Overfill/Spill
 Construction Description: Tight fill

Tank Id: 2
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE #300035 (Continued)

U003729751

Monitoring:

Tank ID: 2
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 2
 Monitoring Description: Monitor dbl wall pipe space

Tank ID: 2
 Monitoring Description: Electronic line leak detector

Tank ID: 2
 Monitoring Description: Groundwater monitoring

Piping:

Tank ID: 2
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank ID: 2
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 2
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 2
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank Id: 3
 Status: In service
 Status Date: 01-FEB-1999
 Install Date: 01-AUG-1986
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Construction:

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

Tank Id: 3
 Construction Category: Secondary Containment
 Construction Description: Double wall

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

Tank Id: 3
 Construction Category: Overfill/Spill

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUNSHINE #300035 (Continued)

U003729751

Construction Description: Tight fill

Tank Id: 3
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

Monitoring:
 Tank ID: 3
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 3
 Monitoring Description: Monitor dbl wall pipe space

Tank ID: 3
 Monitoring Description: Electronic line leak detector

Tank ID: 3
 Monitoring Description: Groundwater monitoring

Piping:
 Tank ID: 3
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 3
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 3
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 3
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank Id: 4
 Status: In service
 Status Date: 01-FEB-1999
 Install Date: 01-AUG-1986
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

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

Tank Id: 4
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUNSHINE #300035 (Continued)

U003729751

Tank Id:	4
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Tank Id:	4
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	4
Construction Category:	Overfill/Spill
Construction Description:	Flow shut-Off
Monitoring:	
Tank ID:	4
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	4
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	4
Monitoring Description:	Groundwater monitoring
Piping:	
Tank ID:	4
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	4
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	4
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	4
Piping Category:	Primary Construction
Piping Description:	Fiberglass

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Broward Co. UST:

DEP Site Id:	068731682
Facility ID:	02617
Storage Tank #:	02617-01
Tank Construction:	E. Fiberglass
Tank Size:	10000
Tank Type:	Underground
Tank Status:	U. In-Service
Tank Contents:	D. Vehicular Diesel
Install Date:	08/01/1986
Alt Location:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE #300035 (Continued)

U003729751

Storage Tank #: 02617-02
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 08/01/1986
 Alt Location: Not reported

Storage Tank #: 02617-03
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 08/01/1986
 Alt Location: Not reported

Storage Tank #: 02617-04
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 08/01/1986
 Alt Location: Not reported

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 02617
 Alt Location: Not reported

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**HILLSBORO CHEVRON INC
 1277 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33442**

**EDR Hist Auto 1020814485
 N/A**

EDR Hist Auto

Year:	Name:	Type:
1995	HILLSBORO CHEVRON INC	Gasoline Service Stations
1996	HILLSBORO CHEVRON INC	Gasoline Service Stations
1997	HILLSBORO CHEVRON INC	Gasoline Service Stations
1998	HILLSBORO CHEVRON INC	Gasoline Service Stations
1999	HILLSBORO CHEVRON INC	Gasoline Service Stations
2000	HILLSBORO CHEVRON INC	Gasoline Service Stations
2001	HILLSBORO CHEVRON INC	Gasoline Service Stations
2002	HILLSBORO CHEVRON INC	Gasoline Service Stations
2003	HILLSBORO CHEVRON INC	Gasoline Service Stations
2004	HILLSBORO CHEVRON INC	Gasoline Service Stations
2005	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC
2006	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC
2007	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC
2008	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC
2009	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC
2010	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC

MAP FINDINGS

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

HILLSBORO CHEVRON INC (Continued)

1020814485

2011	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC
2012	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC
2013	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC
2014	HILLSBORO CHEVRON INC	Gasoline Service Stations, NEC

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**POSH FRENCH CLEANERS
498 W HILLSBORO BLVD
DEERFIELD BEACH, FL 33441**

**RCRA-SQG 1000277446
FINDS FLD981025570
FL DRYCLEANERS
FL PRIORITYCLEANERS
FL BROWARD CO. HM
ECHO
FL RESP PARTY**

RCRA-SQG:

Date form received by agency: 01/23/2007
 Facility name: POSH FRENCH CLEANERS
 Facility address: 498 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441-1604
 EPA ID: FLD981025570
 Mailing address: W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441-1604
 Contact: MICHAEL SABA
 Contact address: W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441-1604
 Contact country: US
 Contact telephone: 954-427-9988
 Contact email: MICHAELSABA@BELLSOUTH.NET
 EPA Region: 04
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: ETNA BERGER
 Owner/operator address: 498 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 08/22/2005
 Owner/Op end date: 09/12/2005
 Owner/operator name: SABA MICHAEL
 Owner/operator address: 498 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441
 Owner/operator country: US
 Owner/operator telephone: 954-427-9988
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

POSH FRENCH CLEANERS (Continued)

1000277446

Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 08/22/2005
 Owner/Op end date: Not reported

Owner/operator name: POSH HOLDING CORP
 Owner/operator address: 498 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported

Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 09/12/2005
 Owner/Op end date: 01/23/2007

Owner/operator name: SILVERHUNT ASSOC LTD
 Owner/operator address: 406 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441

Owner/operator country: US
 Owner/operator telephone: 954-605-2803
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported

Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/23/2007
 Owner/Op end date: Not reported

Owner/operator name: MICHAEL SABA
 Owner/operator address: 498 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441

Owner/operator country: US
 Owner/operator telephone: 954-427-9988
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported

Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 08/22/2005
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

POSH FRENCH CLEANERS (Continued)

1000277446

Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D007
 . Waste name: CHROMIUM

. Waste code: D039
 . Waste name: TETRACHLOROETHYLENE

. Waste code: D040
 . Waste name: TRICHLORETHYLENE

. Waste code: F002
 . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110001413373

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AIR MINOR

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

POSH FRENCH CLEANERS (Continued)

1000277446

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

DRYCLEANERS:

Facility ID: 9500890
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (305)427-9988
 Owner ID: 59121
 Owner Role: FACILITY OWNER
 Owner Name: POSH HOLDINGS CORP
 Owner Contact: MICHAEL J SABA
 Owner Address: 498 W HILLSBORO BLVD
 Owner Addr2: ATTN: MICHAEL J SABA
 Owner City,St,Zip: DEERFIELD BEACH, FL 33441
 RP Phone: (954)427-9988
 Start Date: 12/01/2005

Facility ID: 9500890
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (305)427-9988
 Owner ID: 59121
 Owner Role: ACCOUNT OWNER
 Owner Name: POSH HOLDINGS CORP
 Owner Contact: MICHAEL J SABA
 Owner Address: 498 W HILLSBORO BLVD
 Owner Addr2: ATTN: MICHAEL J SABA
 Owner City,St,Zip: DEERFIELD BEACH, FL 33441
 RP Phone: (954)427-9988
 Start Date: 12/01/2005

Facility ID: 9500890
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (305)427-9988
 Owner ID: 40830
 Owner Role: PROPERTY OWNER
 Owner Name: MCAVA REAL ESTATE
 Owner Contact: STEVE
 Owner Address: 3612 W HILLSBORO RD
 Owner Addr2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 RP Phone: (305)306-7444
 Start Date: 07/14/1995

PRIORITYCLEANERS:

Rank: Issued Site Rehabilitation Completion Order
 Facility ID: 9500890
 Score: 139
 Voluntary Cleanup: Not reported

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 02016

MAP FINDINGS

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

POSH FRENCH CLEANERS (Continued)

1000277446

Alt Location: Not reported

ECHO:

Envid: 1000277446
 Registry ID: 110001413373
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001413373>

RESP PARTY:

District: Southeast District
 Site Id: 51442
 Project Id: 51442
 Site Status: CLOSED
 Project Manager: SMITH_LA
 OGC Case Number: Not reported
 Initial Date Received: 06/17/1996
 Contaminants: Information forwarded to Tallahassee for eligibility determinaiton.
 Offsite Cont Impact: Not reported
 Priority Score: Not reported
 Datum: HARN
 Method ID: UNKN
 Feature: Not reported
 Object Of Interest: CAP_RAP SITE
 Proximity To Object: APPRX
 Collect Username: STONE_H
 Collect Affiliation: DEPARTMENT OF ENVIRONMENTAL PROTECTION
 Collect Program Id: CL
 Collect Date: 09/30/2005
 Map Series Used: 1999 doqs
 Map Source Scale: 3286
 Interpolation Scale: Not reported
 Coordinate Accuracy Id: 4
 Verify Method Id: DPHO
 Verifier Username: STONE_H
 Verifier Affiliation: DEPARTMENT OF ENVIRONMENTAL PROTECTION
 Verifying Program Id: CL
 Verification Date: 09/30/2005
 Decode for District: Southeast District
 Decode for Datum: High Accuracy Reference Network
 Decode for Method: Unknown Method
 Decode for Off Site COC: Not reported
 Decode for V_Method: Digital Aerial Photography With Ground Control
 Latitude/Longitude (deg/min/sec): 26 19 4.7759 / 80 6 36.7113999

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**HAMPTON INN
 660 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441**

**FL BROWARD CO. HM S105212858
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 04855
 Alt Location: 241 SW Natura Boulevard, changed by City of Deerfield Beach

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

34 **SUNSHINE 357**
1790 W HILLSBORO BLVD
DEERFIELD BEACH, FL 33442

FL Broward Co. EDIEAR **U001342302**
FL LUST **N/A**
FL UST
FL INST CONTROL
FL BROWARD CO. HM
FL CLEANUP SITES
FL DWM CONTAM

Broward Co. EDIEAR:

Facility ID: 1832
 Facility Department: 068501702
 Program Type: FDEP
 Facility Type: GAS STATION
 Pollutant Type: GASOLINE
 Lead Agency: BCEPD

LUST:

Region: STATE
 Facility Id: 8501702
 Facility Status: OPEN
 Facility Type: A - Retail Station
 Facility Phone: (305)477-5800
 Facility Cleanup Rank: 1795
 District: Southeast District
 Lat/Long (dms): 26 19 2.4881 / 80 7 39.6072
 Section: 002
 Township: 48S
 Range: 42E
 Feature: Not reported
 Method: AGPS
 Datum: 0
 Score: 61
 Score Effective Date: 01/23/2006
 Score When Ranked: 60
 Operator: MAXIMO ALVAREZ
 Name Update: 07/08/2013
 Address Update: 12/15/1998

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status: ONGO - ONGOING
 Contact: MAXIMO ALVAREZ
 Contact Company: SUNSHINE GASOLINE DIST INC
 Contact Address: 1650 NW 87TH AVE
 Contact City/State/Zip: MIAMI, FL 33172
 Phone: (305)477-5800
 Bad Address Ind: N
 State: FL
 Zip: 33442, 1531
 Score: 61
 Score Effective Date: 23-JAN-06
 Related Party ID: 21275
 Primary RP Role: ACCOUNT OWNER
 RP Begin Date: 07/08/2013
 RP Zip: 2614
 RP Extension: Not reported

Discharge Cleanup Summary:

Discharge Date: 08/02/1997
 PCT Discharge Combined: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUNSHINE 357 (Continued)

U001342302

Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	11/01/2002
Cleanup Work Status:	INACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	DISCHARGE NOTIFICATION
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	MICKLE_FG
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Discharge Date:	10/29/1992
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	03/22/1994
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Discharge Date:	11/12/1996
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	11/01/2002
Cleanup Work Status:	INACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	DISCHARGE NOTIFICATION
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	MICKLE_FG
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT

Petroleum Cleanup Program Eligibility:

Facility ID:	8501702
Discharge Date:	02-AUG-97
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	11/01/2002
Cleanup Work Status:	INACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	DISCHARGE NOTIFICATION
Application Received Date:	13-OCT-00
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	16-OCT-00
Elig Status Date:	16-OCT-00
Letter Of Intent Date:	Not reported
Redetermined:	No
Inspection Date:	08/21/1997
Site Manager:	MICKLE_FG
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Deductible Amount:	10000
Deductible Paid To Date:	10000
Co-Pay Amount:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE 357 (Continued)

U001342302

Co-Pay Paid To Date:	0
Cap Amount:	300000
Facility ID:	8501702
Discharge Date:	12-NOV-96
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	11/01/2002
Cleanup Work Status:	INACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	DISCHARGE NOTIFICATION
Application Received Date:	16-OCT-02
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	05-NOV-02
Elig Status Date:	05-NOV-02
Letter Of Intent Date:	Not reported
Redetermined:	No
Inspection Date:	Not reported
Site Manager:	MICKLE_FG
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Deductible Amount:	10000
Deductible Paid To Date:	10000
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	0
Cap Amount:	400000
Facility ID:	8501702
Discharge Date:	29-OCT-92
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	03/22/1994
Cleanup Work Status:	COMPLETED
Information Source:	I - PLIRP (INSURANCE)
Other Source Description:	Not reported
Application Received Date:	29-OCT-92
Cleanup Program:	P - PETROLEUM LIABILITY AND RESTORATION INSURANCE PROGRAM
Eligibility Status:	14-DEC-92
Elig Status Date:	14-DEC-92
Letter Of Intent Date:	11/03/1992
Redetermined:	No
Inspection Date:	11/12/1992
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Deductible Amount:	500
Deductible Paid To Date:	1000
Co-Pay Amount:	0
Co-Pay Paid To Date:	0
Cap Amount:	1000000
Contaminated Media:	
Discharge Date:	08/02/1997
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	11/01/2002
Cleanup Work Status:	INACTIVE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE 357 (Continued)

U001342302

Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	DISCHARGE NOTIFICATION
Elig Indicator:	E - ELIGIBLE
Site Manager:	MICKLE_FG
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Task Information:	
District:	SED
Facility ID:	8501702
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	BROWARD
County ID:	6
Cleanup Eligibility Status:	E
Source Effective Date:	Not reported
Discharge Date:	08-02-1997
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	11-01-2002
SRC Action Type:	-
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	-
SRC Issue Date:	Not reported
SRC Comment:	Not reported
Cleanup Work Status:	INACTIVE
Site Mgr:	MICKLE_FG
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - Broward County
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	66275
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE 357 (Continued)

U001342302

SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: 68814
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 69824
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: Not reported
 RA Actual Cost: Not reported
 District: SED
 Facility ID: 8501702
 Facility Status: OPEN
 Facility Type: A - Retail Station -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: E
 Source Effective Date: 03-10-1994
 Discharge Date: 10-29-1992
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 03-22-1994
 SRC Action Type: NFA - NO FURTHER ACTION
 SRC Submit Date: 02-28-1994
 SRC Review Date: 03-10-1994
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 03-22-1994
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: Not reported
 Site Mgr End Date: Not reported
 Tank Office: -
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 24907
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE 357 (Continued)

U001342302

SA Actual Cost: Not reported
 SA Completion Date: 03-10-1994
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 24908
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported
 District: SED
 Facility ID: 8501702
 Facility Status: OPEN
 Facility Type: A - Retail Station -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: E
 Source Effective Date: Not reported
 Discharge Date: 11-12-1996
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: RA - RA ONGOING
 Disch Cleanup Status Date: 11-01-2002
 SRC Action Type: -
 SRC Submit Date: Not reported
 SRC Review Date: Not reported
 SRC Completion Status: -
 SRC Issue Date: Not reported
 SRC Comment: Not reported
 Cleanup Work Status: INACTIVE
 Site Mgr: MICKLE_FG
 Site Mgr End Date: Not reported
 Tank Office: PCLP6 - Broward County
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 75422
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE 357 (Continued)

U001342302

SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: 75648
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 75423
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: Not reported
 RA Actual Cost: Not reported

[Click here for Florida Oculus:](#)

UST:

Facility Id: 8501702
 Facility Status: OPEN
 Type Description: Retail Station
 Facility Phone: (305) 477-5800
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 19 3 / 80 7 35

Owner:

Owner Id: 21275
 Owner Name: SUNSHINE GASOLINE DIST INC
 Owner Address: 1650 NW 87TH AVE
 Owner Address 2: ATTN: MAXIMO ALVAREZ
 Owner City,St,Zip: MIAMI, FL 33172
 Owner Contact: MAXIMO ALVAREZ
 Owner Phone: (305) 477-5800

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: 27-NOV-1996
 Install Date: 01-JUL-1983
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 2
 Status: Removed
 Status Date: 27-NOV-1996
 Install Date: 01-JUL-1983
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUNSHINE 357 (Continued)

U001342302

DEP Contractor: P

Tank Id: 3
 Status: Removed
 Status Date: 27-NOV-1996
 Install Date: 01-JUL-1983
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 4
 Status: Removed
 Status Date: 31-OCT-1992
 Install Date: 01-JUL-1983
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 5
 Status: In service
 Status Date: 01-FEB-1999
 Install Date: 01-JAN-1996
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

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

Tank Id: 5
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Tight fill

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

Monitoring:

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUNSHINE 357 (Continued)

U001342302

Tank ID:	5
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	5
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	5
Monitoring Description:	Electronic line leak detector
Tank ID:	5
Monitoring Description:	Groundwater monitoring
Piping:	
Tank ID:	5
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	5
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	5
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	5
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank Id:	6
Status:	In service
Status Date:	01-FEB-1999
Install Date:	01-JAN-1996
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	6
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	6
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	6
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	6
Construction Category:	Overfill/Spill
Construction Description:	Tight fill

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUNSHINE 357 (Continued)

U001342302

Tank Id: 6
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

Monitoring:
 Tank ID: 6
 Monitoring Description: Monitor dbl wall pipe space

Tank ID: 6
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 6
 Monitoring Description: Electronic line leak detector

Tank ID: 6
 Monitoring Description: Groundwater monitoring

Piping:
 Tank ID: 6
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 6
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 6
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank ID: 6
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank Id: 7
 Status: In service
 Status Date: 01-JAN-1996
 Install Date: 01-JAN-1996
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Construction:
 Tank Id: 7
 Construction Category: Primary Construction
 Construction Description: Fiberglass

Tank Id: 7
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 7
 Construction Category: Overfill/Spill

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SUNSHINE 357 (Continued)

U001342302

Construction Description:	Spill containment bucket
Tank Id:	7
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Tank Id:	7
Construction Category:	Overfill/Spill
Construction Description:	Flow shut-Off
 Monitoring:	
Tank ID:	7
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	7
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	7
Monitoring Description:	Electronic line leak detector
Tank ID:	7
Monitoring Description:	Groundwater monitoring
 Piping:	
Tank ID:	7
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	7
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	7
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	7
Piping Category:	Primary Construction
Piping Description:	Fiberglass

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Broward Co. UST:	
DEP Site Id:	068501702
Facility ID:	02293
Storage Tank #:	02293-01
Tank Construction:	E. Fiberglass
Tank Size:	12000
Tank Type:	Underground
Tank Status:	U. In-Service
Tank Contents:	B. Unleaded Gasoline
Install Date:	11/21/1996
Alt Location:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE 357 (Continued)

U001342302

Storage Tank #: 02293-02
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 11/21/1996
 Alt Location: Not reported

Storage Tank #: 02293-03
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 11/21/1996
 Alt Location: Not reported

Storage Tank #: 02293-04
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: B. Unleaded Gasoline
 Install Date: 01/01/1983
 Alt Location: Not reported

Storage Tank #: 02293-05
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: B. Unleaded Gasoline
 Install Date: 11/01/1983
 Alt Location: Not reported

Storage Tank #: 02293-06
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: B. Unleaded Gasoline
 Install Date: 01/01/1983
 Alt Location: Not reported

Inst Control:
 Facility Id: 8501702
 Inst Control Type: LAND USE RESTRICTION
 Eng Control Type: NONE
 Contaminated Media: SOIL
 Contamination: PETROLEUM (INCLUDES BTEX AND MTBE)
 Lat/Long (dms): Not reported
 Date Amended: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE 357 (Continued)

U001342302

Mechanism - Date IC Removed: Not reported
 Mechanism - Program Area: Not reported
 Mechanism - Date Order Issued: Not reported
 Date Removed: Not reported
 Inspection Date: Not reported
 Legal Description: Not reported
 Comments: Not reported
 Township: 48S
 Range: 42E
 Parcel ID: 4842 02 09 0010
 Section: 02
 Book Number: 114225195
 Page Number: Not reported
 Acquisition: DPHO-DIGITAL ARIAL PHOTOGRAPHY WITH GROUND CONTROL

Facility Id: 8501702
 Inst Control Type: GROUNDWATER USE RESTRICTION
 Eng Control Type: NONE
 Contaminated Media: GROUND WATER
 Contamination: PETROLEUM (INCLUDES BTEX AND MTBE)
 Lat/Long (dms): Not reported
 Date Amended: Not reported
 Mechanism - Date IC Removed: Not reported
 Mechanism - Program Area: Not reported
 Mechanism - Date Order Issued: Not reported
 Date Removed: Not reported
 Inspection Date: Not reported
 Legal Description: Not reported
 Comments: Not reported
 Township: 48S
 Range: 42E
 Parcel ID: 4842 02 09 0010
 Section: 02
 Book Number: 114225195
 Page Number: Not reported
 Acquisition: DPHO-DIGITAL ARIAL PHOTOGRAPHY WITH GROUND CONTROL

Click here for Florida Oculus:

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 02293
 Alt Location: Not reported

CLEANUP SITES:

DEP Cleanup Site Key: 51692789
 Source Database Name: Storage Tank Contamination Monitoring
 Source Database Id: 8501702
 CPAC Program Area Id: TK
 CLLC Cleanup Category Key: PETRO
 RSC2 Remediation Status Key: ACTIVE
 Data Load Date: 11/27/2017
 OC3 Office Id: SED
 Physical Address Line 2: Not reported
 OIC Object Of Interest Id: FACIL
 PC2 Proximity Id: EXACT

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUNSHINE 357 (Continued)

U001342302

Calc Coordinates Accuracy Level Id: 4
 CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
 DC4 Datum Id: High Accuracy Reference Network
 VSC1 Verification Status: REVIEWED
 Collect Username: HYDE_J
 Collect Date: 12/10/2003
 Collect Affiliation: CONTRACTOR
 Map Source: 1999 doqs
 Map Source Scale: 3000
 Interpolation Scale: Not reported
 Verifier Username: HYDE_J
 Verifier Affiliation: CONTRACTOR
 Verification Date: 12/10/2003
 Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
 Source Database Name Code: STCM
 CMC2 Coordinate Method ID Code: DPHO
 DC4 Datum ID Code: HARN
 Verified Coordinate Method ID Code: DPHO
 Comments: Not reported
 Latitude/Longitude (deg/min/sec): 26 19 2.4881 / 39.6072 80 7

DWM CONTAM:

Program Site Id: 8501702
 Lat DD: 26
 Lat MM: 19
 Lat SS: 2.4881
 Long DD: 80
 Long MM: 7
 Long SS: 39.6072
 Office/ District: PCLP6
 Program Area: Petroleum
 Offsite Contamination: Y
 Project Manager: MICKLE_FG
 Priority Score: 61
 Remediation Status: ACTIVE
 Date Known Offsite: Not reported
 Datum: HARN
 Method: DPHO
 Program Eligible: Yes
 Ineligible: Not reported

35

**MOBIL OIL CORP SS #494
 1200 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33442**

**RCRA NonGen / NLR 1000702595
 FINDS FLD984204255
 ECHO**

RCRA NonGen / NLR:

Date form received by agency: 10/12/2011
 Facility name: MOBIL OIL CORP SS #494
 Facility address: 1200 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33442-1715
 EPA ID: FLD984204255
 Mailing address: GALLOWS RD
 FAIRFAX, VA 22037-0002
 Contact: DAN HORTON
 Contact address: GALLOWS RD
 FAIRFAX, VA 22037
 Contact country: US

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOBIL OIL CORP SS #494 (Continued)

1000702595

Contact telephone: 703-849-3330
 Contact email: Not reported
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DAN HORTON
 Owner/operator address: 3225 GALLOWS RD
 FAIRFAX, VA 22037

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Owner/operator name: MOBIL OIL CORP SS # 494
 Owner/operator address: 3225 GALLOWS RD
 FAIRFAX, VA 22037

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 10/27/2011
 Owner/Op end date: Not reported

Owner/operator name: MOBIL OIL CORP SS # 494
 Owner/operator address: 3225 GALLOWS RD
 FAIRFAX, VA 22037

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 06/15/1991
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOBIL OIL CORP SS #494 (Continued)

1000702595

Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D018
 . Waste name: BENZENE

Historical Generators:

Date form received by agency: 07/30/1991
 Site name: MOBIL OIL CORP SS #494
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D018
 . Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110007450169

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000702595
 Registry ID: 110007450169
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110007450169>

MAP FINDINGS

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

35	7-ELEVEN STORE #34801 1200 W HILLSBORO BLVD DEERFIELD BEACH, FL 33442	FL Broward Co. EDIEAR FL LUST FL UST FL BROWARD CO. HM FL CLEANUP SITES FL DWM CONTAM	U003803870 N/A
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Broward Co. EDIEAR:

Facility ID:	1543
Facility Department:	068502350
Program Type:	FDEP
Facility Type:	GAS STATION
Pollutant Type:	GASOLINE
Lead Agency:	BCEPD

LUST:

Region:	STATE
Facility Id:	8502350
Facility Status:	OPEN
Facility Type:	A - Retail Station
Facility Phone:	(407)247-6750
Facility Cleanup Rank:	1656
District:	Southeast District
Lat/Long (dms):	26 19 2.8968 / 80 7 13.0311
Section:	Not reported
Township:	Not reported
Range:	Not reported
Feature:	Not reported
Method:	AGPS
Datum:	0
Score:	60
Score Effective Date:	10/17/2013
Score When Ranked:	61
Operator:	CATHY WISE
Name Update:	11/10/2015
Address Update:	10/13/2011

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status:	ONGO - ONGOING
Contact:	CATHY WISE JOHN MEYER (904) 501-6827
Contact Company:	7-ELEVEN INC - GASOLINE COMP DEPT 0148
Contact Address:	PO BOX 711
Contact City/State/Zip:	DALLAS, TX 75221
Phone:	(407)247-6750
Bad Address Ind:	N
State:	FL
Zip:	33442, 1715
Score:	60
Score Effective Date:	17-OCT-13
Related Party ID:	20385
Primary RP Role:	ACCOUNT OWNER
RP Begin Date:	11/10/2015
RP Zip:	711
RP Extension:	Not reported

Discharge Cleanup Summary:

Discharge Date:	12/28/1988
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

7-ELEVEN STORE #34801 (Continued)

U003803870

Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06/07/1994
Cleanup Work Status:	INACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	THEISEN_MM
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Petroleum Cleanup Program Eligibility:	
Facility ID:	8502350
Discharge Date:	28-DEC-88
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06/07/1994
Cleanup Work Status:	INACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Application Received Date:	30-DEC-88
Cleanup Program:	E - EARLY DETECTION INCENTIVE
Eligibility Status:	15-FEB-93
Elig Status Date:	15-FEB-93
Letter Of Intent Date:	04/29/1992
Redetermined:	No
Inspection Date:	02/13/1990
Site Manager:	THEISEN_MM
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Deductible Amount:	Not reported
Deductible Paid To Date:	0
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	0
Cap Amount:	Not reported
Contaminated Media:	
Discharge Date:	12/28/1988
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06/07/1994
Cleanup Work Status:	INACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	THEISEN_MM
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	1
Contaminated Monitoring Well:	Yes
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	A - Leaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Discharge Date:	12/28/1988

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

7-ELEVEN STORE #34801 (Continued)

U003803870

Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06/07/1994
Cleanup Work Status:	INACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	THEISEN_MM
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	1
Contaminated Monitoring Well:	Yes
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Task Information:	
District:	SED
Facility ID:	8502350
Facility Status:	OPEN
Facility Type:	A - Retail Station -
County:	BROWARD
County ID:	6
Cleanup Eligibility Status:	E
Source Effective Date:	Not reported
Discharge Date:	12-28-1988
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	06-07-1994
SRC Action Type:	-
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	-
SRC Issue Date:	Not reported
SRC Comment:	Not reported
Cleanup Work Status:	INACTIVE
Site Mgr:	THEISEN_MM
Site Mgr End Date:	Not reported
Tank Office:	PCLP6 - Broward County
SR Task ID:	27251
SR Cleanup Responsible:	ST - STATE
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

7-ELEVEN STORE #34801 (Continued)

U003803870

SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 27252
 SA Cleanup Responsible: ST - STATE
 SA Funding Eligibility Type: -
 SA Actual Cost: \$71,730.31
 SA Completion Date: 09-22-1992
 SA Payment Date: 09-20-1993
 RAP Task ID: 27253
 RAP Cleanup Responsible ID: RP - RESPONSIBLE PARTY
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: 03-10-1993
 RAP Payment Date: Not reported
 RAP Last Order Approved: 1993-03-10 00:00:00
 RA Task ID: 27254
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: Not reported
 RA Actual Cost: Not reported

[Click here for Florida Oculus:](#)

UST:

Facility Id: 8502350
 Facility Status: OPEN
 Type Description: Retail Station
 Facility Phone: (407) 247-6750
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 19 2 / 80 7 28

Owner:

Owner Id: 20385
 Owner Name: 7-ELEVEN INC - GASOLINE COMP DEPT 0148
 Owner Address: PO BOX 711
 Owner Address 2: ATTN: FL REGION COMPLIANCE MGR
 Owner City,St,Zip: DALLAS, TX 75221
 Owner Contact: CATHY WISE | JOHN MEYER (904) 501-6827
 Owner Phone: (407) 247-6750

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: Not reported
 Install Date: 01-JUL-1977
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 6000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 1R1
 Status: In service
 Status Date: Not reported
 Install Date: 01-DEC-1985

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

7-ELEVEN STORE #34801 (Continued)

U003803870

Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	12000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	1R1
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	1R1
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	1R1
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	1R1
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	1R1
Construction Category:	Overfill/Spill
Construction Description:	Flow shut-Off
Tank Id:	1R1
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Monitoring:	
Tank ID:	1R1
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	1R1
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	1R1
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1R1
Monitoring Description:	Electronic line leak detector
Tank ID:	1R1
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	1R1
Monitoring Description:	Continuous electronic sensing
Tank ID:	1R1
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	1R1
Monitoring Description:	Electronic monitor dispenser liners

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34801 (Continued)

U003803870

Piping:

Tank ID: 1R1
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank ID: 1R1
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 1R1
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 1R1
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank Id: 2
 Status: Removed
 Status Date: Not reported
 Install Date: 01-JUL-1977
 Substance: Leaded gas
 Content Description: Leaded Gas
 Gallons: 8000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 2R1
 Status: In service
 Status Date: Not reported
 Install Date: 01-DEC-1985
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 8000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Construction:

Tank Id: 2R1
 Construction Category: Primary Construction
 Construction Description: Fiberglass

Tank Id: 2R1
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 2R1
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Tank Id: 2R1
 Construction Category: Overfill/Spill
 Construction Description: Level gauges/alarms

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34801 (Continued)

U003803870

Tank Id:	2R1
Construction Category:	Overflow/Spill
Construction Description:	Flow shut-Off
Tank Id:	2R1
Construction Category:	Overflow/Spill
Construction Description:	Tight fill
Monitoring:	
Tank ID:	2R1
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2R1
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	2R1
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	2R1
Monitoring Description:	Electronic line leak detector
Tank ID:	2R1
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	2R1
Monitoring Description:	Continuous electronic sensing
Tank ID:	2R1
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	2R1
Monitoring Description:	Electronic monitor dispenser liners
Piping:	
Tank ID:	2R1
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	2R1
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	2R1
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	2R1
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank Id:	3
Status:	Removed
Status Date:	Not reported
Install Date:	01-JUL-1977
Substance:	Unleaded gas

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

7-ELEVEN STORE #34801 (Continued)

U003803870

Content Description:	Unleaded Gas
Gallons:	12000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Tank Id:	3R1
Status:	In service
Status Date:	01-MAY-2008
Install Date:	01-DEC-1985
Substance:	Vehicular diesel
Content Description:	Vehicular Diesel
Gallons:	8000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	3R1
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	3R1
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	3R1
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	3R1
Construction Category:	Overfill/Spill
Construction Description:	Flow shut-Off
Tank Id:	3R1
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	3R1
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Monitoring:	
Tank ID:	3R1
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	3R1
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	3R1
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	3R1
Monitoring Description:	Electronic line leak detector
Tank ID:	3R1
Monitoring Description:	Monitor dbl wall pipe space

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34801 (Continued)

U003803870

Tank ID:	3R1
Monitoring Description:	Continuous electronic sensing
Tank ID:	3R1
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	3R1
Monitoring Description:	Electronic monitor dispenser liners
Piping:	
Tank ID:	3R1
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	3R1
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	3R1
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	3R1
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank Id:	4
Status:	Removed
Status Date:	Not reported
Install Date:	01-JUL-1983
Substance:	Vehicular diesel
Content Description:	Vehicular Diesel
Gallons:	6000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Tank Id:	4R1
Status:	In service
Status Date:	Not reported
Install Date:	01-DEC-1985
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	6000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	4R1
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	4R1
Construction Category:	Secondary Containment
Construction Description:	Double wall

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34801 (Continued)

U003803870

Tank Id:	4R1
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	4R1
Construction Category:	Overfill/Spill
Construction Description:	Flow shut-Off
Tank Id:	4R1
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	4R1
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Monitoring:	
Tank ID:	4R1
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	4R1
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	4R1
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	4R1
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	4R1
Monitoring Description:	Electronic line leak detector
Tank ID:	4R1
Monitoring Description:	Continuous electronic sensing
Tank ID:	4R1
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	4R1
Monitoring Description:	Electronic monitor dispenser liners
Piping:	
Tank ID:	4R1
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	4R1
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	4R1
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	4R1
Piping Category:	Miscellaneous Attributes

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34801 (Continued)

U003803870

Piping Description: Pressurized piping system

Tank Id: 5
 Status: In service
 Status Date: 01-MAY-2008
 Install Date: 01-DEC-1985
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 6000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Construction:

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

Tank Id: 5
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Level gauges/alarms

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

Tank Id: 5
 Construction Category: Overfill/Spill
 Construction Description: Tight fill

Monitoring:

Tank ID: 5
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 5
 Monitoring Description: Automatic tank gauging - USTs

Tank ID: 5
 Monitoring Description: Electronic monitor pipe sumps

Tank ID: 5
 Monitoring Description: Electronic line leak detector

Tank ID: 5
 Monitoring Description: Monitor dbl wall pipe space

Tank ID: 5
 Monitoring Description: Continuous electronic sensing

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34801 (Continued)

U003803870

Tank ID: 5
 Monitoring Description: Visual inspect pipe sumps

Tank ID: 5
 Monitoring Description: Electronic monitor dispenser liners

Piping:

Tank ID: 5
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 5
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank ID: 5
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 5
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

[Click here for Florida Oculus:](#)

Broward Co. UST:

DEP Site Id: 068502350
 Facility ID: 02464

Storage Tank #: 02464-01
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 05/19/1986
 Alt Location: Not reported

Storage Tank #: 02464-02
 Tank Construction: E. Fiberglass
 Tank Size: 8000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 05/19/1986
 Alt Location: Not reported

Storage Tank #: 02464-03
 Tank Construction: E. Fiberglass
 Tank Size: 6000
 Tank Type: Underground
 Tank Status: U. In-Service

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

7-ELEVEN STORE #34801 (Continued)

U003803870

Tank Contents: B. Unleaded Gasoline
 Install Date: 05/19/1986
 Alt Location: Not reported

Storage Tank #: 02464-04
 Tank Construction: E. Fiberglass
 Tank Size: 8000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 05/19/1986
 Alt Location: Not reported

Storage Tank #: 02464-05
 Tank Construction: E. Fiberglass
 Tank Size: 6000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: 05/19/1986
 Alt Location: Not reported

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 02464
 Alt Location: Not reported

CLEANUP SITES:

DEP Cleanup Site Key: 51692611
 Source Database Name: Storage Tank Contamination Monitoring
 Source Database Id: 8502350
 CPAC Program Area Id: TK
 CLLC Cleanup Category Key: PETRO
 RSC2 Remediation Status Key: ACTIVE
 Data Load Date: 11/27/2017
 OC3 Office Id: SED
 Physical Address Line 2: Not reported
 OIC Object Of Interest Id: FACIL
 PC2 Proximity Id: EXACT
 Calc Coordinates Accuracy Level Id: 4
 CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
 DC4 Datum Id: High Accuracy Reference Network
 VSC1 Verification Status: REVIEWED
 Collect Username: HYDE_J
 Collect Date: 12/10/2003
 Collect Affiliation: CONTRACTOR
 Map Source: 1999 doqs
 Map Source Scale: 3000
 Interpolation Scale: Not reported
 Verifier Username: HYDE_J
 Verifier Affiliation: CONTRACTOR
 Verification Date: 12/10/2003
 Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
 Source Database Name Code: STCM

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

7-ELEVEN STORE #34801 (Continued)

U003803870

CMC2 Coordinate Method ID Code: DPHO
 DC4 Datum ID Code: HARN
 Verified Coordinate Method ID Code: DPHO
 Comments: Not reported
 Latitude/Longitude (deg/min/sec): 26 19 2.8968 / 13.0311 80 7

DWM CONTAM:

Program Site Id: 8502350
 Lat DD: 26
 Lat MM: 19
 Lat SS: 2.8968
 Long DD: 80
 Long MM: 7
 Long SS: 13.0311
 Office/ District: PCLP6
 Program Area: Petroleum
 Offsite Contamination: N
 Project Manager: THEISEN_MM
 Priority Score: 60
 Remediation Status: ACTIVE
 Date Known Offsite: Not reported
 Datum: HARN
 Method: DPHO
 Program Eligible: Yes
 Ineligible: Not reported

**35 EXXON MOBIL CORPORATION
 1200 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33442**

**EDR Hist Auto 1020477087
 N/A**

EDR Hist Auto

Year:	Name:	Type:
2004	EXXONMOBIL	Gasoline Service Stations
2005	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2006	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2007	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2008	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2009	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2010	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2011	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2012	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2013	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2014	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC

**36 BROWARD COUNTY NORTH REGIONAL COURTHOUSE
 1600 W HILLSBORO BLVD
 DEERFIELD BEACH, FL 33441**

**FL BROWARD CO. HM S107674104
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 01507
 Alt Location: Not reported

MAP FINDINGS

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

37	HILLSBORO CENTER 600 W HILLSBORO BLVD DEERFIELD BEACH, FL 33441	FL BROWARD CO. HM	S101231806 N/A
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BROWARD CO. HM:

Region:	BROWARD
Facility ID:	00207
Alt Location:	Not reported

38	WAWA, INC. 20 SW 12TH AVE DEERFIELD BEACH, FL 33442	FL UST FL NPDES	U004266861 N/A
-----------	--	----------------------------------	---------------------------------

UST:

Facility Id:	9815733
Facility Status:	OPEN
Type Description:	Retail Station
Facility Phone:	Not reported
Region:	STATE
Positioning Method:	Not reported
Lat/Long (dms):	Not reported

Owner:

Owner Id:	68130
Owner Name:	WAWA FLORIDA LLC
Owner Address:	7022 TPC DR #200
Owner Address 2:	ATTN: FUEL EQUIP & COMPLIANCE
Owner City,St,Zip:	ORLANDO, FL 32822
Owner Contact:	JOSH WORTH
Owner Phone:	(610) 558-8521

Tank Info:

Tank Id:	1
Status:	In service
Status Date:	12-AUG-2017
Install Date:	12-AUG-2017
Substance:	I
Content Description:	Ultra Low Sulfur Diesel
Gallons:	22000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P

Construction:

Tank Id:	1
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	1
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	1
Construction Category:	Miscellaneous Attributes
Construction Description:	Compartmented
Tank Id:	1
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WAWA, INC. (Continued)

U004266861

Tank Id:	1
Construction Category:	Secondary Containment
Construction Description:	Double wall
Monitoring:	
Tank ID:	1
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	1
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	1
Monitoring Description:	Electronic monitor dispenser liners
Tank ID:	1
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	1
Monitoring Description:	Mechanical line leak detector
Tank ID:	1
Monitoring Description:	Continuous electronic sensing
Piping:	
Tank ID:	1
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	1
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	1
Piping Category:	Primary Construction
Piping Description:	Approved synthetic material
Tank ID:	1
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank Id:	2
Status:	In service
Status Date:	12-AUG-2017
Install Date:	08-AUG-2017
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	20000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	2

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WAWA, INC. (Continued)

U004266861

Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	2
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	2
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	2
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Monitoring:	
Tank ID:	2
Monitoring Description:	Electronic monitor dispenser liners
Tank ID:	2
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	2
Monitoring Description:	Continuous electronic sensing
Tank ID:	2
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	2
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	2
Monitoring Description:	Mechanical line leak detector
Piping:	
Tank ID:	2
Piping Category:	Primary Construction
Piping Description:	Approved synthetic material
Tank ID:	2
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	2
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	2
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank Id:	3

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WAWA, INC. (Continued)

U004266861

Status:	In service
Status Date:	12-AUG-2017
Install Date:	12-AUG-2017
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	22000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	3
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	3
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	3
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	3
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	3
Construction Category:	Miscellaneous Attributes
Construction Description:	Compartmented
Monitoring:	
Tank ID:	3
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	3
Monitoring Description:	Continuous electronic sensing
Tank ID:	3
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	3
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	3
Monitoring Description:	Mechanical line leak detector
Tank ID:	3
Monitoring Description:	Electronic monitor dispenser liners
Piping:	
Tank ID:	3
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WAWA, INC. (Continued)

U004266861

Tank ID: 3
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank ID: 3
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 3
 Piping Category: Primary Construction
 Piping Description: Approved synthetic material

[Click here for Florida Oculus:](#)

Broward Co. UST:

DEP Site Id: 069815733
 Facility ID: 17063

Storage Tank #: 17063-01
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: Not reported
 Alt Location: Not reported

Storage Tank #: 17063-02
 Tank Construction: E. Fiberglass
 Tank Size: 20000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: Not reported
 Alt Location: Not reported

Storage Tank #: 17063-03
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: Not reported
 Alt Location: Not reported

Storage Tank #: 17063-04
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WAWA, INC. (Continued)

U004266861

Alt Location: Not reported

Storage Tank #: 17063-05
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: Not reported
 Alt Location: Not reported

WASTEWATER:

Facility ID: FLR10RK52
 Facility Type: Construction Stormwater GP
 Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
 NPDES Permitted Site: Not reported
 Environmental Interest: Not reported
 Owner Type: Private
 Permit Capacity: Not reported
 Party Name: Brain Baldridge, Project Manager
 Company Name: Carl R Pursell, Inc
 RP Address: 14930 Corporate Rd S, Ste 19
 RP Address 2: Not reported
 RP City,Stat,Zip: Jupiter FL 33478
 Telephone: 4075727971
 Email: bbaldridge@carlpursell.com
 Issue Date: 10/26/2017
 Effective Date: 10/26/2017
 Expiration Date: 10/25/2022
 DOC Description: Generic Permit
 Latitude Degrees: 26
 Latitude Minutes: 19
 Latitude Seconds: 2.830
 Longitude Degrees: 80
 Longitude Minutes: 7
 Longitude Seconds: 10.35
 Treatment: Not reported
 Decode For Fstatus: Active

38

WAWA FLORIDA #5242
20 SW 12TH AVE
DEERFIELD BEACH, FL 33442

RCRA-CESQG 1023967222
FLR000224345

RCRA-CESQG:
 Date form received by agency:08/14/2017
 Facility name: WAWA FLORIDA #5242
 Facility address: 20 SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3105
 EPA ID: FLR000224345
 Contact: STEVEN HUNTER
 Contact address: 260 W BALTIMORE PIKE
 WAWA, PA 19063-0000
 Contact country: US

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WAWA FLORIDA #5242 (Continued)

1023967222

Contact telephone: 610-361-6134
 Contact email: STEVE.HUNTER@WAWA.COM
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: FPIP VI LTD
 Owner/operator address: 13024 BALLANTYNE CORP PLACE ST
 CHARLOTTE, NC 28277
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/01/1997
 Owner/Op end date: Not reported

Owner/operator name: WAWA FLORIDA, LLC
 Owner/operator address: 260 W BALTIMORE PIKE
 WAWA, PA 19063
 Owner/operator country: US
 Owner/operator telephone: 610-361-6134
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 08/04/2017
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WAWA FLORIDA #5242 (Continued)

1023967222

Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D018
 . Waste name: BENZENE

Violation Status: No violations found

38

WAWA, INC.
20 SW 12TH AVE
DEERFIELD BEACH, FL 33442

FL BROWARD CO. HM S104520855
FL NPDES N/A

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 17063
 Alt Location: Not reported

Region: BROWARD
 Facility ID: 03481
 Alt Location: Not reported

WASTEWATER:

Facility ID: FLG071741
 Facility Type: Dewatering GP
 Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: SED
 NPDES Permitted Site: Yes
 Environmental Interest: Industrial Wastewater Program
 Owner Type: Private
 Permit Capacity: Not reported
 Party Name: Mark Hamilton, Operator
 Company Name: Wawa Florida, LLC
 RP Address: 125 S State Road 7, Suite 104-141
 RP Address 2: Not reported
 RP City,Stat,Zip: Wellington FL 33414
 Telephone: 5614454405
 Email: Mark.hamilton@wawa.com
 Issue Date: 02/06/2017
 Effective Date: 02/06/2017
 Expiration Date: 02/05/2022
 DOC Description: Generic Permit
 Latitude Degrees: Not reported
 Latitude Minutes: Not reported
 Latitude Seconds: Not reported
 Longitude Degrees: Not reported
 Longitude Minutes: Not reported
 Longitude Seconds: Not reported
 Treatment: Not reported
 Decode For Fstatus: Active

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

39 HOME DEPOT #218 RCRA-SQG 1000196386
60 SW 12TH AVE FINDS FLD981926629
DEERFIELD BEACH, FL 33442 ECHO

RCRA-SQG:

Date form received by agency: 10/17/2014
 Facility name: HOME DEPOT #218
 Facility address: 60 SW 12TH AVE
 DEERFIELD BEACH, FL 33441-0000
 EPA ID: FLD981926629
 Mailing address: 1905 ASTON AVE
 CARLSBAD, CA 92008-7307
 Contact: ROBERT PERKINS
 Contact address: 1905 ASTON AVE STE 100
 CARLSBAD, CA 92008-7307
 Contact country: US
 Contact telephone: 760-602-8700
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: C GERVOLINO
 Owner/operator address: 60 S W 12TH AVENUE
 DEERFIELD BEACH, FL 33441
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 06/15/2005
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

HOME DEPOT #218 (Continued)

1000196386

. Waste code: D001
. Waste name: IGNITABLE WASTE

Historical Generators:

Date form received by agency: 04/09/2013
Site name: HOME DEPOT #218
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/18/1988
Site name: HOME DEPOT #218
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: 265.37, 265.37(a)(1)
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 10/17/2014
Date achieved compliance: 10/17/2014
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/17/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 10/17/2014
Evaluation lead agency: State

FINDS:

Registry ID: 110002554799

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000196386

MAP FINDINGS

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

HOME DEPOT #218 (Continued)

1000196386

Registry ID:	110002554799
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002554799

39

**HOME DEPOT STORE NO 218
60 SW 12TH AVENUE
DEERFIELD BEACH, FL 33441**

**PA MANIFEST S108850745
N/A**

Manifest Details:

Year:	2006
Manifest Number:	000466216JJK
Manifest Type:	TSD Copy
Generator EPA Id:	FLD981926629
Generator Date:	10/10/2006
Mailing Address:	Not reported
Mailing City, St, Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	PAD085690592
TSD Date:	Not reported
TSD Facility Name:	REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address:	2869 SANDSTONE DRIVE
TSD Facility City:	HATFIELD
TSD Facility State:	PA
Facility Telephone:	760-602-8700
Page Number:	1
Line Number:	1
Waste Number:	D002
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	5
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

Year:	2006
Manifest Number:	000466217JJK
Manifest Type:	TSD Copy
Generator EPA Id:	FLD981926629
Generator Date:	10/10/2006
Mailing Address:	Not reported
Mailing City, St, Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	PAD085690592
TSD Date:	Not reported
TSD Facility Name:	REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address:	2869 SANDSTONE DRIVE
TSD Facility City:	HATFIELD
TSD Facility State:	PA
Facility Telephone:	760-602-8700
Page Number:	1
Line Number:	1
Waste Number:	D011
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	30
Unit:	Gallons (liquids only)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HOME DEPOT STORE NO 218 (Continued)

S108850745

Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

Year: 2006
 Manifest Number: 000466216JJK
 Manifest Type: TSD Copy
 Generator EPA Id: FLD981926629
 Generator Date: 10/10/2006
 Mailing Address: Not reported
 Mailing City,St,Zip: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported
 TSD EPA Id: PAD085690592
 TSD Date: Not reported
 TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
 TSD Facility Address: 2869 SANDSTONE DRIVE
 TSD Facility City: HATFIELD
 TSD Facility State: PA
 Facility Telephone: 760-602-8700
 Page Number: 1
 Line Number: 2
 Waste Number: F003
 Container Number: 1
 Container Type: Fiberboard or plastic drums, barrels, kegs
 Waste Quantity: 15
 Unit: Gallons (liquids only)
 Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

Year: 2006
 Manifest Number: 000466216JJK
 Manifest Type: TSD Copy
 Generator EPA Id: FLD981926629
 Generator Date: 10/10/2006
 Mailing Address: Not reported
 Mailing City,St,Zip: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported
 TSD EPA Id: PAD085690592
 TSD Date: Not reported
 TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
 TSD Facility Address: 2869 SANDSTONE DRIVE
 TSD Facility City: HATFIELD
 TSD Facility State: PA
 Facility Telephone: 760-602-8700
 Page Number: 1
 Line Number: 2
 Waste Number: D001
 Container Number: 1
 Container Type: Fiberboard or plastic drums, barrels, kegs
 Waste Quantity: 15
 Unit: Gallons (liquids only)
 Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HOME DEPOT STORE NO 218 (Continued)

S108850745

Year: 2006
 Manifest Number: 000466217JJK
 Manifest Type: TSD Copy
 Generator EPA Id: FLD981926629
 Generator Date: 10/10/2006
 Mailing Address: Not reported
 Mailing City, St, Zip: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported
 TSD EPA Id: PAD085690592
 TSD Date: Not reported
 TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
 TSD Facility Address: 2869 SANDSTONE DRIVE
 TSD Facility City: HATFIELD
 TSD Facility State: PA
 Facility Telephone: 760-602-8700
 Page Number: 1
 Line Number: 3
 Waste Number: D001
 Container Number: 1
 Container Type: Metal drums, barrels, kegs
 Waste Quantity: 30
 Unit: Gallons (liquids only)
 Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

Year: 2006
 Manifest Number: 000466216JJK
 Manifest Type: TSD Copy
 Generator EPA Id: FLD981926629
 Generator Date: 10/10/2006
 Mailing Address: Not reported
 Mailing City, St, Zip: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported
 TSD EPA Id: PAD085690592
 TSD Date: Not reported
 TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
 TSD Facility Address: 2869 SANDSTONE DRIVE
 TSD Facility City: HATFIELD
 TSD Facility State: PA
 Facility Telephone: 760-602-8700
 Page Number: 1
 Line Number: 3
 Waste Number: F005
 Container Number: 1
 Container Type: Metal drums, barrels, kegs
 Waste Quantity: 55
 Unit: Gallons (liquids only)
 Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

Year: 2006
 Manifest Number: 000466217JJK
 Manifest Type: TSD Copy

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HOME DEPOT STORE NO 218 (Continued)

S108850745

Generator EPA Id: FLD981926629
 Generator Date: 10/10/2006
 Mailing Address: Not reported
 Mailing City,St,Zip: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported
 TSD EPA Id: PAD085690592
 TSD Date: Not reported
 TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
 TSD Facility Address: 2869 SANDSTONE DRIVE
 TSD Facility City: HATFIELD
 TSD Facility State: PA
 Facility Telephone: 760-602-8700
 Page Number: 1
 Line Number: 2
 Waste Number: D001
 Container Number: 1
 Container Type: Fiberboard or plastic drums, barrels, kegs
 Waste Quantity: 15
 Unit: Gallons (liquids only)
 Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

Year: 2006
 Manifest Number: 000466216JJK
 Manifest Type: TSD Copy
 Generator EPA Id: FLD981926629
 Generator Date: 10/10/2006
 Mailing Address: Not reported
 Mailing City,St,Zip: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported
 TSD EPA Id: PAD085690592
 TSD Date: Not reported
 TSD Facility Name: REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
 TSD Facility Address: 2869 SANDSTONE DRIVE
 TSD Facility City: HATFIELD
 TSD Facility State: PA
 Facility Telephone: 760-602-8700
 Page Number: 1
 Line Number: 3
 Waste Number: F003
 Container Number: 1
 Container Type: Metal drums, barrels, kegs
 Waste Quantity: 55
 Unit: Gallons (liquids only)
 Handling Code: Not reported
 TSP EPA Id: Not reported
 Date TSP Sig: Not reported

Year: 2006
 Manifest Number: 000466216JJK
 Manifest Type: TSD Copy
 Generator EPA Id: FLD981926629
 Generator Date: 10/10/2006
 Mailing Address: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HOME DEPOT STORE NO 218 (Continued)

S108850745

Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	PAD085690592
TSD Date:	Not reported
TSD Facility Name:	REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address:	2869 SANDSTONE DRIVE
TSD Facility City:	HATFIELD
TSD Facility State:	PA
Facility Telephone:	760-602-8700
Page Number:	1
Line Number:	3
Waste Number:	D035
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	55
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported
Year:	2006
Manifest Number:	000466216JJK
Manifest Type:	TSD Copy
Generator EPA Id:	FLD981926629
Generator Date:	10/10/2006
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	PAD085690592
TSD Date:	Not reported
TSD Facility Name:	REPUBLIC ENVIRONMENTAL SYSTEMS OF PA INC
TSD Facility Address:	2869 SANDSTONE DRIVE
TSD Facility City:	HATFIELD
TSD Facility State:	PA
Facility Telephone:	760-602-8700
Page Number:	1
Line Number:	3
Waste Number:	D001
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	55
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional PA_MANIFEST: detail in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**39 HOME DEPOT #0218
 60 SW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL AST S104520921
 FL BROWARD CO. HM N/A**

AST:

Facility ID: 9810768
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (770) 433-8211
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: Not reported
 Lat/Long (dms): Not reported

Owner:

Owner Id: 48925
 Owner Name: HOME DEPOT INC C/O 3E COMPANY
 Owner Address: 3207 GREY HAWK CT #200
 Owner Address 2: ATTN: REGULATORY DEPT
 Owner City,St,Zip: CARLSBAD, CA 92010
 Owner Contact: REGULATORY COMPLIANCE DEPT
 Owner Phone: (760) 602-8700

Tank Id: 1
 Status: In service
 Status Date: 01-JAN-2009
 Install Date: 01-JAN-2009
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 1320
 Tank Location: ABOVEGROUND

Construction:

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

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall

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

Tank Id: 1
 Construction Category: Overfill/Spill
 Construction Description: Level gauges/alarms

Monitoring:

Tank ID: 1
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
 Monitoring Description: Visual inspection of ASTs

Piping:

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HOME DEPOT #0218 (Continued)

S104520921

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Suction piping system

Tank ID: 1
 Piping Category: Primary Construction
 Piping Description: Approved synthetic material

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Click here for Florida Oculus:

BROWARD CO AST:

Facility ID: 03536
 Storage Tank ID: 03536-01
 Tank Status: U. In-Service
 Installation Date: 01/29/2009
 Tank Size: 1320
 DEP Site ID: 069810768
 Tank Construction: C. Steel
 Tank Content: G. Diesel; Emergency Generator
 Location: Above ground
 Alternate Location: Not reported

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 03536
 Alt Location: Not reported

40

PALM VILLAGE

**FINDS 1010502707
 N/A**

DEERFIELD BCH, FL 33441

FINDS:

Registry ID: 110035699438

Environmental Interest/Information System

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

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

41	CITY OF DEERFIELD BEACH, H202 STATION 120 SW NATURA BLVD DEERFIELD BEACH, FL 33441	FL BROWARD CO. HM	S107674356 N/A
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BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 02518
 Alt Location: Not reported

42	FORMER DEERFIELD STATION 1250 W HILLSBORO BLVD DEERFIELD BEACH, FL 33442	FL UST	U004276152 N/A
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Broward Co. UST:
 DEP Site Id: Not reported
 Facility ID: 19634

Storage Tank #: 19634-01
 Tank Construction: Not reported
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: Not reported
 Install Date: Not reported
 Alt Location: SW 12 AVE Deerfield Beach FL 33442

Storage Tank #: 19634-02
 Tank Construction: Not reported
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: Not reported
 Install Date: Not reported
 Alt Location: SW 12 AVE Deerfield Beach FL 33442

Storage Tank #: 19634-03
 Tank Construction: Not reported
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: Not reported
 Install Date: Not reported
 Alt Location: SW 12 AVE Deerfield Beach FL 33442

43	DEERFIELD BCH OUTPATIENT SURGICAL CTR 250 SW NATURA AVE DEERFIELD BEACH, FL 33441	FL BROWARD CO. HM	S110698293 N/A
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BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 12964
 Alt Location: Not reported

MAP FINDINGS

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

43	DNA LABS INTERNATIONAL 240 SW NATURA BLVD DEERFIELD BEACH, FL 33441	FL BROWARD CO. HM	S111219836 N/A
	BROWARD CO. HM: Region: BROWARD Facility ID: 13587 Alt Location: Not reported		
44	C T E CHEM TEC EQUIPMENT CO. 234 SW 12TH AVE DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S107674219 N/A
	BROWARD CO. HM: Region: BROWARD Facility ID: 01268 Alt Location: Not reported		
44	CHEM TEC EQUIPMENT CO 234 SW 12TH AVE DEERFIELD BEACH, FL 33442	RCRA-CESQG FINDS ECHO	1000500499 FLD984205930
	RCRA-CESQG: Date form received by agency:07/21/2010 Facility name: CHEM TEC EQUIPMENT CO Facility address: 234 SW 12TH AVE DEERFIELD BEACH, FL 33442-3104 EPA ID: FLD984205930 Mailing address: SW 12TH AVE DEERFIELD BEACH, FL 33442-3104 Contact: CRAIG CUSTER Contact address: SW 12TH AVE DEERFIELD BEACH, FL 33442-3104 Contact country: US Contact telephone: 305-428-8259 Contact email: Not reported EPA Region: 04 Land type: Private Classification: Conditionally Exempt Small Quantity Generator Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste		
	Owner/Operator Summary: Owner/operator name: CRAIG CUSTER Owner/operator address: 234 SW 12TH AVE DEERFIELD BEACH, FL 33442		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CHEM TEC EQUIPMENT CO (Continued)

1000500499

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: F001
 . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:
 TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE,
 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED
 FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING
 CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF
 ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED
 IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE
 SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 07/18/1991
 Site name: CHEM TEC EQUIPMENT CO
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: F001
 . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:
 TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE,
 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED
 FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING
 CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF
 ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED
 IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CHEM TEC EQUIPMENT CO (Continued)

1000500499

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: 279.22(c)(1)
 Area of violation: Used Oil - Generators
 Date violation determined: 07/21/2010
 Date achieved compliance: 01/07/2011
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: 62-710.401(6)
 Area of violation: State Statute or Regulation
 Date violation determined: 07/21/2010
 Date achieved compliance: 01/07/2011
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GPT:
 Area of violation: Generators - Pre-transport
 Date violation determined: 10/18/1995
 Date achieved compliance: 05/15/1996
 Violation lead agency: State
 Enforcement action: DEP WARNING LETTER
 Enforcement action date: 10/18/1995
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: GSQ:
 Area of violation: Generators - Pre-transport
 Date violation determined: 10/18/1995
 Date achieved compliance: 05/15/1996
 Violation lead agency: State
 Enforcement action: DEP WARNING LETTER
 Enforcement action date: 10/18/1995
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CHEM TEC EQUIPMENT CO (Continued)

1000500499

Paid penalty amount: Not reported

Regulation violated: GGR:
 Area of violation: Generators - General
 Date violation determined: 10/18/1995
 Date achieved compliance: 05/15/1996
 Violation lead agency: State
 Enforcement action: DEP WARNING LETTER
 Enforcement action date: 10/18/1995
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 07/21/2010
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Used Oil - Generators
 Date achieved compliance: 01/07/2011
 Evaluation lead agency: State

Evaluation date: 07/21/2010
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: State Statute or Regulation
 Date achieved compliance: 01/07/2011
 Evaluation lead agency: State

Evaluation date: 11/16/1995
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 11/16/1995
 Evaluation: FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 06/06/1995
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - Pre-transport
 Date achieved compliance: 05/15/1996
 Evaluation lead agency: State

Evaluation date: 06/06/1995
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 05/15/1996
 Evaluation lead agency: State

FINDS:

Registry ID: 110006386589

MAP FINDINGS

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

CHEM TEC EQUIPMENT CO (Continued)

1000500499

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000500499
Registry ID:	110006386589
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006386589

**44 R W RADDATZ, INC.
280 SW 12TH AVE
DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM S107676406
N/A**

BROWARD CO. HM:
Region: BROWARD
Facility ID: 04254
Alt Location: Not reported

**45 SUN SENTINEL
333 SW 12TH AVENUE
DEERFIELD BEACH, FL 33442**

**FL LUST S107676821
FL BROWARD CO. HM N/A
FL AIRS**

LUST:
Region: STATE
Facility Id: 8944790
Facility Status: OPEN
Facility Type: E - Industrial Plant
Facility Phone: (954)592-3605
Facility Cleanup Rank: Not reported
District: Southeast District
Lat/Long (dms): 26 18 47.898 / 80 7 21.99
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: AGPS
Datum: 0
Score: Not reported
Score Effective Date: Not reported
Score When Ranked: Not reported
Operator: RAY RIVERA
Name Update: 02/06/2017
Address Update: 05/10/1999

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUN SENTINEL (Continued)

S107676821

Discharge Cleanup Summary:

Discharge Date: 05/27/2009
 PCT Discharge Combined: Not reported
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 08/26/2010
 Cleanup Work Status: COMPLETED
 Information Source: D - DISCHARGE NOTIFICATION
 Other Source Description: Not reported
 Eligibility Indicator: I - INELIGIBLE
 Site Manager: MELLACHERUVU_SX
 Site Mgr End Date: 08/26/2010
 Tank Office: PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT

Contaminated Media:

Discharge Date: 05/27/2009
 Pct Discharge Combined With: Not reported
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 08/26/2010
 Cleanup Work Status: COMPLETED
 Information Source: D - DISCHARGE NOTIFICATION
 Other Source Description: Not reported
 Elig Indicator: I - INELIGIBLE
 Site Manager: MELLACHERUVU_SX
 Site Mgr End Date: 08/26/2010
 Tank Office: PCLP6 - BROWARD CNTY ENVIRONME
 Contaminated Drinking Wells: Not reported
 Contaminated Monitoring Well: Yes
 Contaminated Soil: No
 Contaminated Surface Water: No
 Contaminated Ground Water: Yes
 Pollutant: Y - Unknown/Not Reported
 Pollutant Other Description: Not reported
 Gallons Discharged: Not reported

Task Information:

District: SED
 Facility ID: 8944790
 Facility Status: OPEN
 Facility Type: E - Industrial Plant -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: 08-02-2010
 Discharge Date: 05-27-2009
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 08-26-2010
 SRC Action Type: NFA - NO FURTHER ACTION
 SRC Submit Date: 05-26-2010
 SRC Review Date: 06-04-2010
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 08-26-2010
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: MELLACHERUVU_SX
 Site Mgr End Date: 08-26-2010

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUN SENTINEL (Continued)

S107676821

Tank Office: PCLP6 - Broward County
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 85037
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 86514
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported

Click here for Florida Oculus:

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 00670
 Alt Location: Not reported

AIRS:

Facility ID: 112198
 Facility Status: Active One or more emissions units in operation, on standby status, temporarily shut down (including any shutdown while undergoing modification), or on long-term reserve shutdown. This code indicates an existing facility which has not been permanently shut down, though it may not be operating at the time of, or immediately subsequent to, permit issuance.
 Office: SEBR
 Category: POINT
 Owner Name: Sun Sentinel Company, Llc
 SIC: Printing, Publishing And Allied Industries

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SUN SENTINEL (Continued)

S107676821

Title V: No
 Permit Number: 0112198008AO
 Issue Date: 04/27/2017
 Expiration Date: 04/27/2022
 Lat/Long (dms): 26 18 51.624 / 80 7 18.0487
 Contact Name: Ray Rivera
 Contact Address1: 333 Sw 12th Avenue
 Contact Address2: Not reported
 Contact City: Deerfield Beach
 Contact State: FL
 Contact Zip Code: 33442
 Contact Zip4: 3196
 Contact Phone: 954-425-1399
 Contact EMail: rrivera@sun-sentinel.com

Facility ID: 112198
 Facility Status: Active One or more emissions units in operation, on standby status, temporarily shut down (including any shutdown while undergoing modification), or on long-term reserve shutdown. This code indicates an existing facility which has not been permanently shut down, though it may not be operating at the time of, or immediately subsequent to, permit issuance.

Office: SEBR
 Category: POINT
 Owner Name: Sun Sentinel Company, Llc
 SIC: Printing, Publishing And Allied Industries
 Title V: No
 Permit Number: 0112198007AO
 Issue Date: 03/08/2012
 Expiration Date: 04/15/2017
 Lat/Long (dms): 26 18 51.624 / 80 7 18.0487
 Contact Name: Ray Rivera
 Contact Address1: 333 Sw 12th Avenue
 Contact Address2: Not reported
 Contact City: Deerfield Beach
 Contact State: FL
 Contact Zip Code: 33442
 Contact Zip4: 3196
 Contact Phone: 954-425-1399
 Contact EMail: rrivera@sun-sentinel.com

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**NEWS & SUN SENTINEL CO
 333 SW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**RCRA-SQG 1000498453
 FINDS FLD982077786
 ECHO**

RCRA-SQG:
 Date form received by agency: 02/21/1990
 Facility name: NEWS & SUN SENTINEL CO
 Facility address: 333 SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3107
 EPA ID: FLD982077786
 Mailing address: SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3107
 Contact: ALLEN SHOUP
 Contact address: SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3107
 Contact country: US
 Contact telephone: 305-761-4796

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

NEWS & SUN SENTINEL CO (Continued)

1000498453

Contact email: Not reported
 EPA Region: 04
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SHOUP ALLEN
 Owner/operator address: 333 SW 12TH AVE
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Owner/operator name: ALLEN SHOUP
 Owner/operator address: 333 SW 12TH AVE
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: F001
 . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:
 TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE,

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

NEWS & SUN SENTINEL CO (Continued)

1000498453

1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U122

. Waste name: FORMALDEHYDE

Violation Status: No violations found

FINDS:

Registry ID: 110001738451

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

NEWS & SUN SENTINEL CO (Continued)

1000498453

redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR SYNTHETIC MINOR

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000498453
 Registry ID: 110001738451
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001738451>

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I-95 EXPRESS LANES

FL NPDES

S121423967

FORT LAUDERDALE, FL

N/A

WASTEWATER:

Facility ID: FLR10RN79
 Facility Type: Construction Stormwater GP
 Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.
 District Office: TLST
 NPDES Permitted Site: Not reported
 Environmental Interest: Not reported
 Owner Type: Private
 Permit Capacity: Not reported
 Party Name: Fabio Delgado, PMTE
 Company Name: Prince Contracting LLC
 RP Address: 1770 NW 64th St
 RP Address 2: Ste 620
 RP City,Stat,Zip: Fort Lauderdale FL 33309-1853
 Telephone: 8133991002
 Email: fdelgado@princecontracting.com
 Issue Date: 01/07/2018
 Effective Date: 01/07/2018
 Expiration Date: 01/06/2023
 DOC Description: Generic Permit
 Latitude Degrees: 26

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

I-95 EXPRESS LANES (Continued)

S121423967

Latitude Minutes: 18
 Latitude Seconds: 49.90
 Longitude Degrees: 80
 Longitude Minutes: 7
 Longitude Seconds: 0.150
 Treatment: Not reported
 Decode For Fstatus: Active

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**DEERFIELD BCH CITY OF/OLD CITY L/F
 NATURA AVENUE
 DEERFIELD BEACH, FL 00000**

**FINDS 1006833746
 FL SWF/LF N/A**

FINDS:

Registry ID: 110013944189

Environmental Interest/Information System
 AIR EMISSIONS CLASSIFICATION UNKNOWN

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

SWF/LF:

Facility ID: 53368
 District: SED
 Lat/Long: 26:18:49 / 80:6:41
 Class Type: 200
 Classification: CLASS II LANDFILL
 Class Status: CLOSED, NO GW MONITORING (J)
 Section: 01
 Township: 48S
 Range: 42E
 Responsible Authority Name: CITY OF DEERFIELD BEACH
 Responsible Authority Address: 150 N.E. SECOND AVENUE
 Responsible Authority City,St,Zip: DEERFIELD BCH, FL 33441
 Responsible Authority Phone: 9544804270
 EMail Address1: Not reported
 EMail Address2: Not reported
 Site Supervisor Name: DALE HOLINBECK
 Site Supervisor Addr: Not reported
 Site Supervisor City/State/Zip: Not reported
 Site Supervisor Telephone: 9544804270
 Land Owner Name: Not reported
 Land Owner Address: Not reported
 Land Owner City/State/Zip: Not reported
 Land Owner Telephone: Not reported

[Click here for Florida Oculus:](#)

MAP FINDINGS

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

48 LARRY KLINE WHOLESALE MEAT & PRODUCE FL DWM CONTAM S118751863
 350 GOOLSBY BLVD FL CLEANUP SITES N/A
 DEERFIELD BEACH, FL 33442

DWM CONTAM:

Program Site Id: 8731640
 Lat DD: 26.00
 Lat MM: 18.00
 Lat SS: 51.39
 Long DD: 80.00
 Long MM: 7.00
 Long SS: 31.66
 Office/ District: PCLP6
 Program Area: Petroleum
 Offsite Contamination: U
 Project Manager: JAIRAM_S
 Priority Score: Not reported
 Remediation Status: ACTIVE
 Date Known Offsite: Not reported
 Datum: HARN
 Method: DPHO
 Program Eligible: Not reported
 Ineligible: Yes

CLEANUP SITES:

DEP Cleanup Site Key: 51692662
 Source Database Name: Storage Tank Contamination Monitoring
 Source Database Id: 8731640
 CPAC Program Area Id: TK
 CLLC Cleanup Category Key: PETRO
 RSC2 Remediation Status Key: ACTIVE
 Data Load Date: 11/27/2017
 OC3 Office Id: SED
 Physical Address Line 2: Not reported
 OIC Object Of Interest Id: FACIL
 PC2 Proximity Id: APPRX
 Calc Coordinates Accuracy Level Id: 4
 CMC2 Coordinate Method Id: Digital Aerial Photography With Ground Control
 DC4 Datum Id: High Accuracy Reference Network
 VSC1 Verification Status: REVIEWED
 Collect Username: YOUNES_A06
 Collect Date: 06/26/2004
 Collect Affiliation: DELEGATED COUNTY
 Map Source: 1999 doqs
 Map Source Scale: 5000
 Interpolation Scale: Not reported
 Verifier Username: YOUNES_A06
 Verifier Affiliation: DELEGATED COUNTY
 Verification Date: 06/26/2004
 Verified Coordinate Method Id: Digital Aerial Photography With Ground Control
 Source Database Name Code: STCM
 CMC2 Coordinate Method ID Code: DPHO
 DC4 Datum ID Code: HARN
 Verified Coordinate Method ID Code: DPHO
 Comments: Not reported
 Latitude/Longitude (deg/min/sec): 26 18 51.39 / 31.66 80 7

MAP FINDINGS

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

48	LARRY KLINE WHOLESALE MEAT & PRODUCE 350 GOOLSBY BLVD DEERFIELD BEACH, FL 33442	FL Broward Co. EDIEAR FL LUST FL UST FL AST FL SPILLS FL BROWARD CO. HM	U001343223 N/A
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Broward Co. EDIEAR:

Facility ID:	2074
Facility Department:	068731640
Program Type:	NF
Facility Type:	RETAIL
Pollutant Type:	DIESEL
Lead Agency:	BCEPD

LUST:

Region:	STATE
Facility Id:	8731640
Facility Status:	OPEN
Facility Type:	C - Fuel user/Non-retail
Facility Phone:	(954)420-0071
Facility Cleanup Rank:	Not reported
District:	Southeast District
Lat/Long (dms):	26 18 51.39 / 80 7 31.66
Section:	Not reported
Township:	Not reported
Range:	Not reported
Feature:	Not reported
Method:	AGPS
Datum:	0
Score:	Not reported
Score Effective Date:	Not reported
Score When Ranked:	Not reported
Operator:	STEVE CAINE
Name Update:	Not reported
Address Update:	Not reported

Petroleum Cleanup PCT Facility Score:

Facility Cleanup Status:	ONGO - ONGOING
Contact:	STEVE CAINE
Contact Company:	LARRY KLINE WHSALE MEATS & PRO
Contact Address:	350 GOOLSBY BLVD
Contact City/State/Zip:	DEERFIELD BEACH, FL 33442
Phone:	(954)420-0071
Bad Address Ind:	N
State:	FL
Zip:	33442, 3005
Score:	Not reported
Score Effective Date:	Not reported
Related Party ID:	26585
Primary RP Role:	ACCOUNT OWNER
RP Begin Date:	09/08/1993
RP Zip:	Not reported
RP Extension:	Not reported

Discharge Cleanup Summary:

Discharge Date:	09/25/2015
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LARRY KLINE WHOLESALE MEAT & PRODUCE (Continued)

U001343223

Discharge Cleanup Status: SA - SA ONGOING
 Disch Cleanup Status Date: 03/24/2017
 Cleanup Work Status: ACTIVE
 Information Source: D - DISCHARGE NOTIFICATION
 Other Source Description: Not reported
 Eligibility Indicator: I - INELIGIBLE
 Site Manager: JAIRAM_S
 Site Mgr End Date: Not reported
 Tank Office: PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT

Contaminated Media:
 Discharge Date: 09/25/2015
 Pct Discharge Combined With: Not reported
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: SA - SA ONGOING
 Disch Cleanup Status Date: 03/24/2017
 Cleanup Work Status: ACTIVE
 Information Source: D - DISCHARGE NOTIFICATION
 Other Source Description: Not reported
 Elig Indicator: I - INELIGIBLE
 Site Manager: JAIRAM_S
 Site Mgr End Date: Not reported
 Tank Office: PCLP6 - BROWARD CNTY ENVIRONME
 Contaminated Drinking Wells: Not reported
 Contaminated Monitoring Well: No
 Contaminated Soil: Yes
 Contaminated Surface Water: No
 Contaminated Ground Water: No
 Pollutant: D - Vehicular Diesel
 Pollutant Other Description: Not reported
 Gallons Discharged: 300

Task Information:
 District: SED
 Facility ID: 8731640
 Facility Status: OPEN
 Facility Type: C - Fuel user/Non-retail -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: Not reported
 Discharge Date: 09-25-2015
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: SA - SA ONGOING
 Disch Cleanup Status Date: 03-24-2017
 SRC Action Type: -
 SRC Submit Date: Not reported
 SRC Review Date: Not reported
 SRC Completion Status: -
 SRC Issue Date: Not reported
 SRC Comment: Not reported
 Cleanup Work Status: ACTIVE
 Site Mgr: JAIRAM_S
 Site Mgr End Date: Not reported
 Tank Office: PCLP6 - Broward County
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LARRY KLINE WHOLESALE MEAT & PRODUCE (Continued)

U001343223

SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 93807
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: Not reported
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: Not reported
 RA Actual Cost: Not reported

[Click here for Florida Oculus:](#)

UST:

Facility Id: 8731640
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 420-0071
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 18 18 / 80 7 34

Owner:

Owner Id: 26585
 Owner Name: LARRY KLINE WHSALE MEATS & PRO
 Owner Address: 350 GOOLSBY BLVD
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 Owner Contact: STEVE CAINE
 Owner Phone: (954) 420-0071

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: 31-MAY-1987

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LARRY KLINE WHOLESALE MEAT & PRODUCE (Continued)

U001343223

Install Date: 01-JUL-1976
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Click here for Florida Oculus:

AST:

Facility ID: 8731640
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 420-0071
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 18 18 / 80 7 34

Owner:

Owner Id: 26585
 Owner Name: LARRY KLINE WHSALE MEATS & PRO
 Owner Address: 350 GOOLSBY BLVD
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 Owner Contact: STEVE CAINE
 Owner Phone: (954) 420-0071

Tank Id: 2
 Status: Removed
 Status Date: 01-MAY-1995
 Install Date: 01-MAY-1987
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 2000
 Tank Location: ABOVEGROUND

Tank Id: 3
 Status: NonRegul Substance
 Status Date: 01-JUN-1994
 Install Date: 01-JUN-1994
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 550
 Tank Location: ABOVEGROUND

Tank Id: 4
 Status: NonRegul Substance
 Status Date: 01-JUN-1994
 Install Date: 01-JUN-1994
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 550
 Tank Location: ABOVEGROUND

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LARRY KLINE WHOLESALE MEAT & PRODUCE (Continued)

U001343223

Click here for Florida Oculus:

SPILLS:

OHMIT Incident Number: 53865
 Incident Legacy: Not reported
 On-Scene Response: Yes
 Criminal Indicator: No
 Hurricane Indicator: No
 Incident Date: 09/30/2015
 Incident Status: Closed
 Incident Report Date: 09/30/2015
 Pollutant: Diesel fuel
 Pollutants Category: Petroleum
 Substance Spilled: Diesel fuel
 Amount Spilled (Gallons): 150.00
 Pollutant - Unit Measure: gallon

Incident Party Name: Cliff Berry , Inc
 Description: Inland

Incident Party Name: Larry Kline Wholesale Meats & Provisions
 Description: Inland

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 01813
 Alt Location: Not reported

**49 SECURENET SYSTEMS
 356 SW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM S109001496
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 11981
 Alt Location: Not reported

**49 SAVANNAH LABS SOUTH FLORIDA
 414 SW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**RCRA NonGen / NLR 1000738083
 FINDS FLD984223032
 ECHO**

RCRA NonGen / NLR:

Date form received by agency: 01/25/1999
 Facility name: SAVANNAH LABS SOUTH FLORIDA
 Facility address: 414 SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3108
 EPA ID: FLD984223032
 Mailing address: LA ROCHE AVE
 SAVANNAH, GA 31404-6019
 Contact: JEFF ANDREWS
 Contact address: LA ROCHE AVE
 SAVANNAH, GA 31404-6019
 Contact country: US

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SAVANNAH LABS SOUTH FLORIDA (Continued)

1000738083

Contact telephone: 912-954-7858
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: JAMES ANDREWS
 Owner/operator address: PO BOX 880
 DEERFIELD BEACH, FL 33443
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/25/1999
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D003
- . Waste name: REACTIVE WASTE

Historical Generators:

Date form received by agency: 10/03/1997
 Site name: SAVANNAH LABS SOUTH FLORIDA
 Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

MAP FINDINGS

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

SAVANNAH LABS SOUTH FLORIDA (Continued)

1000738083

Evaluation date: 10/03/1997
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

FINDS:

Registry ID: 110005611579

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000738083
 Registry ID: 110005611579
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005611579>

**50 DEERFIELD BEACH CITY DUMP
 SW 3RD AVE & SW 4TH ST
 DEERFIELD BEACH, FL 33441**

**SEMS-ARCHIVE 1003867726
 FLD981003338**

SEMS Archive:
 Site ID: 401010
 EPA ID: FLD981003338
 Cong District: 14
 FIPS Code: 12011
 FF: N
 NPL: Not on the NPL
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 4
 Site ID: 401010
 EPA ID: FLD981003338
 Site Name: DEERFIELD BEACH CITY DUMP
 NPL: N
 FF: N
 OU: 0
 Action Code: VS
 Action Name: ARCH SITE
 SEQ: 1
 Start Date: Not reported
 Finish Date: 1986-12-09 00:00:00
 Qual: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

DEERFIELD BEACH CITY DUMP (Continued)

1003867726

Current Action Lead:	EPA Perf In-Hse
Region:	4
Site ID:	401010
EPA ID:	FLD981003338
Site Name:	DEERFIELD BEACH CITY DUMP
NPL:	N
FF:	N
OU:	0
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1985-12-27 00:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	4
Site ID:	401010
EPA ID:	FLD981003338
Site Name:	DEERFIELD BEACH CITY DUMP
NPL:	N
FF:	N
OU:	0
Action Code:	SI
Action Name:	SI
SEQ:	2
Start Date:	Not reported
Finish Date:	1986-12-09 00:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	4
Site ID:	401010
EPA ID:	FLD981003338
Site Name:	DEERFIELD BEACH CITY DUMP
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1985-03-21 00:00:00
Finish Date:	1985-03-21 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	4
Site ID:	401010
EPA ID:	FLD981003338
Site Name:	DEERFIELD BEACH CITY DUMP
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s)
 EPA ID Number

DEERFIELD BEACH CITY DUMP (Continued)

1003867726

Start Date: Not reported
 Finish Date: 1985-03-21 00:00:00
 Qual: L
 Current Action Lead: St Perf

**51 CITY OF DEERFIELD BEACH TRANSFER STATION
 360 SW 4TH STREET
 DEERFIELD BEACH, FL 33442**

**FL SWF/LF S109053424
 N/A**

SWF/LF:

Facility ID: 95123
 District: SED
 Lat/Long: 26:18:54 / 80:7:32.5
 Class Type: 330
 Classification: SOURCE-SEPARATED ORGANICS PROC. FAC. (SOPF)
 Class Status: ACTIVITY NOT PERMITTED/REGISTERED (N)
 Section: Not reported
 Township: Not reported
 Range: Not reported
 Responsible Authority Name: Not reported
 Responsible Authority Address: Not reported
 Responsible Authority City,St,Zip: Not reported
 Responsible Authority Phone: Not reported
 EMail Address1: Not reported
 EMail Address2: Not reported
 Site Supervisor Name: Not reported
 Site Supervisor Addr: Not reported
 Site Supervisor City/State/Zip: Not reported
 Site Supervisor Telephone: Not reported
 Land Owner Name: Not reported
 Land Owner Address: Not reported
 Land Owner City/State/Zip: Not reported
 Land Owner Telephone: Not reported

[Click here for Florida Oculus:](#)

**52 REPUBLIC NATIONAL DISTRIBUTING CO LLC
 441 SW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM S107675825
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 02182
 Alt Location: Not reported

MAP FINDINGS

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

52	I T ENVIRONMENTAL SERVICES INC	RCRA NonGen / NLR	1000208921
	466 SW 12TH AVE		FINDS
	DEERFIELD BEACH, FL 33442		ECHO
			FLD982125262

RCRA NonGen / NLR:

Date form received by agency: 03/13/1998
 Facility name: I T ENVIRONMENTAL SERVICES INC
 Facility address: 466 SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3108
 EPA ID: FLD982125262
 Mailing address: MEMORIAL HWY
 TAMPA, FL 33634-7505
 Contact: JOHN HANSEN
 Contact address: MEMORIAL HWY STE 100
 TAMPA, FL 33634-7505
 Contact country: US
 Contact telephone: 813-249-4410
 Contact email: Not reported
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: JIM BOWEN
 Owner/operator address: 466 SW 12TH AVE
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 03/13/1998
 Owner/Op end date: Not reported

Owner/operator name: BOWEN JIM
 Owner/operator address: 466 SW 12TH AVE
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 03/13/1998
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

IT ENVIRONMENTAL SERVICES INC (Continued)

1000208921

Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: U217
 . Waste name: NITRIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) NITRATE

Violation Status: No violations found

FINDS:

Registry ID: 110005585312

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000208921
 Registry ID: 110005585312
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005585312>

53

**METRITEK CORP
 600 SW 12TH AVE
 DEERFIELD BEACH, FL 33442**

RCRA NonGen / NLR

**1015741267
 FLD984196907**

RCRA NonGen / NLR:

Date form received by agency: 11/18/2011
 Facility name: METRITEK CORP
 Facility address: 600 SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3112
 EPA ID: FLD984196907
 Mailing address: SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3112
 Contact: ROBERT JABLIN
 Contact address: SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3112
 Contact country: US
 Contact telephone: 305-481-2118
 Contact email: Not reported
 EPA Region: 04
 Classification: Non-Generator

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

METRITEK CORP (Continued)

1015741267

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ROBERT JABLIN
 Owner/operator address: 600 SW 12TH AVE
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 04/23/1991
 Site name: METRITEK CORP
 Classification: Small Quantity Generator
 . Waste code: D001
 . Waste name: IGNITABLE WASTE
 . Waste code: U075
 . Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

Violation Status: No violations found

53

BENNETTE MARINE
550 NORTHWEST 12TH AVENUE
DEERFIELD BEACH, FL 33442

RCRA-CESQG 1014469723
FINDS FLTMP9102603
ECHO

RCRA-CESQG:

Date form received by agency: 01/16/1991
 Facility name: QUADRANT BUSINESS CENTER
 Facility address: 550 SW 12TH AVE
 DEERFIELD BEACH, FL 33442-3110
 EPA ID: FLTMP9102603
 Contact: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BENNETTE MARINE (Continued)

1014469723

Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110006831802

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BENNETTE MARINE (Continued)

1014469723

Registry ID: 110002535604

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1014469723
 Registry ID: 110006831802
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006831802>

Envid: 1014469723
 Registry ID: 110002535604
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002535604>

53

**SKAN A MATIC CORP
 550 SW 12TH AVENUE
 DEERFIELD BEACH, FL 33441**

RCRA NonGen / NLR

**1000306618
 FLD071130470**

RCRA NonGen / NLR:

Date form received by agency: 11/18/2011
 Facility name: SKAN A MATIC CORP
 Facility address: 550 SW 12TH AVENUE
 DEERFIELD BEACH, FL 33441
 EPA ID: FLD071130470
 Mailing address: SW 12TH AVE
 DEERFIELD BEACH, FL 33441
 Contact: S M CHURCHMAN
 Contact address: SW 12TH AVE
 DEERFIELD BEACH, FL 33441
 Contact country: US
 Contact telephone: 305-421-2131
 Contact email: Not reported
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: S CHURCHMAN
 Owner/operator address: 550 SW 12TH AVENUE
 DEERFIELD BEACH, FL 33441
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported

MAP FINDINGS

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

SKAN A MATIC CORP (Continued)

1000306618

Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 05/05/1988
 Site name: SKAN A MATIC CORP
 Classification: Small Quantity Generator

Violation Status: No violations found

54	CITY OF DEERFIELD BEACH, WELL #19 710 S MILITARY TRL DEERFIELD BEACH, FL 33441	FL BROWARD CO. HM	S110304423 N/A
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BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 01567
 Alt Location: BEHIND 710 MILITARY TRL

54	DIAGNOSTIC IMAGING INC 716 S MILITARY TRL DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S103297691 N/A
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BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 12299
 Alt Location: Not reported

Region: BROWARD
 Facility ID: 03097
 Alt Location: Not reported

Region: BROWARD
 Facility ID: 06343
 Alt Location: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s)
 EPA ID Number

54 **FEDERATED PRECISION** **FL SPILLS** **S109008326**
692 S MILITARY TRL **FL BROWARD CO. HM** **N/A**
DEERFIELD BEACH, FL 33442

SPILLS:
 OHMIT Incident Number: 22903
 Incident Legacy: 03-21-0154Z
 On-Scene Response: No
 Criminal Indicator: No
 Hurricane Indicator: No
 Incident Date: 05/28/2003
 Incident Status: Closed
 Incident Report Date: Not reported

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 14528
 Alt Location: Not reported

54 **LIGHTING COMPONENTS & DESIGN, INC.** **FL BROWARD CO. HM** **S101231645**
692 S MILITARY TRL **N/A**
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 00418
 Alt Location: Not reported

54 **C M GRAPHICS** **FL BROWARD CO. HM** **S107674218**
844 S MILITARY TRL **N/A**
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 00417
 Alt Location: Not reported

54 **PRISM RESPONSE** **FL BROWARD CO. HM** **S107675454**
720 S MILITARY TRL **N/A**
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 13422
 Alt Location: Not reported
 Region: BROWARD
 Facility ID: 06049
 Alt Location: Not reported

MAP FINDINGS

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

54	QUORUM BUSINESS CENTER 602 S MILITARY TRL DEERFIELD BEACH, FL 33441	FL BROWARD CO. HM	S107676399 N/A
	BROWARD CO. HM: Region: BROWARD Facility ID: 07491 Alt Location: Not reported		
54	SPRINT PCS DEERFIELD BEACH SWITCH 734 S MILITARY TRL DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	U003360617 N/A
	BROWARD CO. HM: Region: BROWARD Facility ID: 02539 Alt Location: Not reported		
54	CELL SCIENCE SYSTEMS LTD 852 S MILITARY TRL DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S109924827 N/A
	BROWARD CO. HM: Region: BROWARD Facility ID: 12841 Alt Location: Not reported		
54	AURORA INTERNATIONAL 668 S MILITARY TRL DEERFIELD BEACH, FL 33442	RCRA-CESQG	1014468188 FLT970059002
	RCRA-CESQG: Date form received by agency: 11/10/1997 Facility name: AURORA INTERNATIONAL Facility address: 668 S MILITARY TRL DEERFIELD BEACH, FL 33442-3023 EPA ID: FLT970059002 Contact: Not reported Contact address: Not reported Not reported Contact country: US Contact telephone: Not reported Contact email: Not reported EPA Region: 04 Classification: Conditionally Exempt Small Quantity Generator Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

AURORA INTERNATIONAL (Continued)

1014468188

the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

54

**METPATH
 858 S MILITARY TRL
 DEERFIELD BEACH, FL 33442**

**RCRA-CESQG 1014471165
 FLTMP9304149**

RCRA-CESQG:

Date form received by agency: 03/24/1993
 Facility name: METPATH
 Facility address: 858 S MILITARY TRL
 DEERFIELD BEACH, FL 33442-2985
 EPA ID: FLTMP9304149
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

METPATH (Continued)

1014471165

Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

54

**CHECKROBOT INC
 692 S MILITARY TRL
 DEERFIELD BEACH, FL 33442**

**RCRA-CESQG 1000173417
 FINDS FLD982110983
 ECHO**

RCRA-CESQG:

Date form received by agency: 12/21/2004
 Facility name: CHECKROBOT INC
 Facility address: 692 S MILITARY TRL
 DEERFIELD BEACH, FL 33442-3023
 EPA ID: FLD982110983
 Mailing address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-3023
 Contact: CHESTER TINGLER
 Contact address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-3023
 Contact country: US
 Contact telephone: 305-483-8768
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: CHESTER TINGLER
 Owner/operator address: 692 S MILITARY TRL
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CHECKROBOT INC (Continued)

1000173417

Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 10/05/1987
 Site name: CHECKROBOT INC
 Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: TGR:262.11
 Area of violation: Generators - General
 Date violation determined: 12/21/2004
 Date achieved compliance: 01/24/2005
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/21/2004
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 01/24/2005
 Evaluation lead agency: State

FINDS:

Registry ID: 110002563146

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CHECKROBOT INC (Continued)

1000173417

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000173417
 Registry ID: 110002563146
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002563146>

54

**COSMO INTERNATIONAL CORPORATION (MILITARY)
 746 S MILITARY TRAIL
 DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM
 FL TIER 2**

**S109354429
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 12255
 Alt Location: Not reported

TIER 2:

Year: 2015
 Facility Id: 5483834
 Active Date: Not reported
 Inactive Date: Not reported
 Sale Pending: Not reported
 Original Date: Not reported
 PLOT Source: Not reported
 Latitude: 26.308192900350143
 Longitude: -80.12625562135696
 LEPC District: Not reported
 Counties: Not reported
 SERC: Not reported
 Program Level: Not reported
 PRIME: Not reported
 SIC Code: Not reported
 SIC Code 2: Not reported
 NAICS Code: 325998
 Last Modified Date: 06/01/2016
 First Submit Date: 06/01/2016
 Data Submitted By: Roco Delgado
 Company Name: Cosmo International Corporation
 Comments: Not reported

Contact:

Contact ID: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

COSMO INTERNATIONAL CORPORATION (MILITARY) (Continued)

S109354429

Year: 2015
 Facility Id: 5483834
 Contact Type: Emergency Contact
 Contact Name: Javier Abadia
 Contact Title: Not reported
 Contact Phone: 954-242-9824
 Contact 24Hr Phone: Not reported
 Contact Telephone 2: 954-798-4558
 Contact Telephone 3: 954-608-5454
 Contact Telephone 4: 954-798-4556
 Contact Telephone 5: 954-415-4546
 Contact Telephone 6: 954-798-4522
 Contact Email: javier.abadia@cosmo-fragrances.com

Year: 2014
 Facility Id: 5000177
 Active Date: Not reported
 Inactive Date: Not reported
 Sale Pending: Not reported
 Original Date: Not reported
 PLOT Source: Not reported
 Latitude: 26.3084164
 Longitude: -80.1270005
 LEPC District: Not reported
 Counties: Not reported
 SERC: Not reported
 Program Level: Not reported
 PRIME: Not reported
 SIC Code: Not reported
 SIC Code 2: Not reported
 NAICS Code: 4931
 Last Modified Date: 02/09/2015
 First Submit Date: 02/09/2015
 Data Submitted By: Roco Delgado
 Company Name: Cosmo International Corporation
 Comments: Not reported

Contact:
 Contact ID: Not reported
 Year: 2014
 Facility Id: 5000177
 Contact Type: Emergency Contact
 Contact Name: Javier Cosmo International Corporation
 Contact Title: Not reported
 Contact Phone: 954-242-9824
 Contact 24Hr Phone: Not reported
 Contact Telephone 2: 954-703-6708
 Contact Telephone 3: Not reported
 Contact Telephone 4: Not reported
 Contact Telephone 5: Not reported
 Contact Telephone 6: Not reported
 Contact Email: javier.abadia@cosmo-fragrances.com

MAP FINDINGS

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

54 METPATH NY MANIFEST 1009221478
 858 S MILITARY TRAIL
 DERRFIELD BEACH, FL 33442 N/A

NY MANIFEST:
 Country: USA
 EPA ID: FLP009304149
 Facility Status: Not reported
 Location Address 1: 858 S MILITARY TRAIL
 Code: BP
 Location Address 2: Not reported
 Total Tanks: Not reported
 Location City: DERRFIELD BEACH
 Location State: FL
 Location Zip: 33442
 Location Zip 4: Not reported

NY MANIFEST:
 EPAID: FLP009304149
 Mailing Name: METPATH
 Mailing Contact: MIKE HUDON
 Mailing Address 1: 858 S MILITARY TRAIL
 Mailing Address 2: Not reported
 Mailing City: DEARFIELD BEACH
 Mailing State: FL
 Mailing Zip: 33442
 Mailing Zip 4: Not reported
 Mailing Country: USA
 Mailing Phone: 3054813500

NY MANIFEST:
 Document ID: NYB4325049
 Manifest Status: C
 seq: Not reported
 Year: 1993
 Trans1 State ID: LPE163
 Trans2 State ID: 119TWP
 Generator Ship Date: 03/24/1993
 Trans1 Recv Date: 03/24/1993
 Trans2 Recv Date: / /
 TSD Site Recv Date: 03/29/1993
 Part A Recv Date: 04/02/1993
 Part B Recv Date: 04/07/1993
 Generator EPA ID: FLP009304149
 Trans1 EPA ID: NYD082785429
 Trans2 EPA ID: NYD082785429
 TSDF ID 1: NYD082785429
 TSDF ID 2: Not reported
 Manifest Tracking Number: Not reported
 Import Indicator: Not reported
 Export Indicator: Not reported
 Discr Quantity Indicator: Not reported
 Discr Type Indicator: Not reported
 Discr Residue Indicator: Not reported
 Discr Partial Reject Indicator: Not reported
 Discr Full Reject Indicator: Not reported
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

METPATH (Continued)

1009221478

MGMT Method Type Code: Not reported
 Waste Code: D002 - NON-LISTED CORROSIVE WASTES
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 00070
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 002
 Container Type: DF - Fiberboard or plastic drums (glass)
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 150

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

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**ICL CORP
 774 S MILITARY TRL
 DEERFIELD BEACH, FL 33442**

**RCRA NonGen / NLR 1000141091
 FLD984168575**

RCRA NonGen / NLR:

Date form received by agency: 10/04/1995
 Facility name: ICL CORP
 Facility address: 774 S MILITARY TRL
 DEERFIELD BEACH, FL 33442-3025
 EPA ID: FLD984168575
 Mailing address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-3025
 Contact: ROBERT FARRELL
 Contact address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-3025
 Contact country: US
 Contact telephone: 305-481-2442
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ROBERT FARRELL
 Owner/operator address: 774 S MILITARY TRL
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ICL CORP (Continued)

1000141091

Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Historical Generators:

Date form received by agency: 02/01/1994
 Site name: ICL CORP
 Classification: Not a generator, verified

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Date form received by agency: 03/01/1990
 Site name: ICL CORP
 Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 10/04/1995
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

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**ICL CORPORATION
 774 SOUTH MILITARY TRAIL
 DEERFIELD BEACH, FL 33442**

**NY MANIFEST 1009221409
 N/A**

NY MANIFEST:

Country: USA
 EPA ID: FLP008901789
 Facility Status: Not reported
 Location Address 1: 774 SOUTH MILITARY TRAIL
 Code: BP
 Location Address 2: Not reported
 Total Tanks: Not reported
 Location City: DEERFIELD BEACH
 Location State: FL
 Location Zip: 33442
 Location Zip 4: Not reported

NY MANIFEST:

EPAID: FLP008901789

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ICL CORPORATION (Continued)

1009221409

Mailing Name: ICL CORPORATION
 Mailing Contact: ICL CORPORATION
 Mailing Address 1: 774 SOUTH MILITARY TRAIL
 Mailing Address 2: Not reported
 Mailing City: DEERFIELD BEACH
 Mailing State: FL
 Mailing Zip: 33442
 Mailing Zip 4: Not reported
 Mailing Country: USA
 Mailing Phone: 3054812442

NY MANIFEST:

Document ID: NYA7028019
 Manifest Status: C
 seq: Not reported
 Year: 1989
 Trans1 State ID: 000000000
 Trans2 State ID: 000000000
 Generator Ship Date: 01/24/1989
 Trans1 Recv Date: 01/24/1989
 Trans2 Recv Date: / /
 TSD Site Recv Date: 01/24/1989
 Part A Recv Date: 02/08/1989
 Part B Recv Date: 02/08/1989
 Generator EPA ID: FLP008901789
 Trans1 EPA ID: NYD082785429
 Trans2 EPA ID: Not reported
 TSDF ID 1: NYD082785429
 TSDF ID 2: Not reported
 Manifest Tracking Number: Not reported
 Import Indicator: Not reported
 Export Indicator: Not reported
 Discr Quantity Indicator: Not reported
 Discr Type Indicator: Not reported
 Discr Residue Indicator: Not reported
 Discr Partial Reject Indicator: Not reported
 Discr Full Reject Indicator: Not reported
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: Not reported
 Waste Code: F003 - UNKNOWN
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 02530
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 046
 Container Type: DM - Metal drums, barrels
 Handling Method: B Incineration, heat recovery, burning.
 Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

MAP FINDINGS

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

55	RYAN SALES & SERVICE, INC. 774 S MILITARY TRL DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S107676507 N/A
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BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 06394
 Alt Location: Not reported

55	ICL CORP 774 S MILITARY TRL DEERFIELD BEACH, FL 33442	RCRA-CESQG FINDS ECHO	1014468979 FLTMP8901789
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RCRA-CESQG:
 Date form received by agency: 01/18/1989
 Facility name: ICL CORP
 Facility address: 774 S MILITARY TRL
 DEERFIELD BEACH, FL 33442-3025
 EPA ID: FLTMP8901789
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ICL CORP (Continued)

1014468979

Violation Status: No violations found

FINDS:

Registry ID: 110001411302

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1014468979
 Registry ID: 110001411302
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001411302>

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**PUBLIX DEERFIELD BEACH FACILITY
 777 SW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**RCRA-SQG 1000700064
 TRIS 33411PBLXD777SW
 US AIRS**

RCRA-SQG:

Date form received by agency: 03/08/2010
 Facility name: PUBLIX SUPER MARKETS DEERFIELD DISTRIBUTION CENTER
 Facility address: 777 SW 12TH AVE
 DEERFIELD BEACH, FL 33442-0000
 EPA ID: FLD981931207
 Contact: BRENDA WILLIAMS
 Contact address: 3300 PUBLIX CORPORATE PKWY
 LAKELAND, FL 33811-3311
 Contact country: US
 Contact telephone: 863-688-7407
 Contact email: BRENDA.WILLIAMS@PUBLIX.COM
 EPA Region: 04
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: PUBLIX SUPER MARKETS INC
 Owner/operator address: 3300 PUBLIX CORPORATE PKWY
 LAKELAND, FL 33811
 Owner/operator country: US

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PUBLIX DEERFIELD BEACH FACILITY (Continued)

1000700064

Owner/operator telephone: 863-688-7407
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 03/08/2010
 Owner/Op end date: Not reported

Owner/operator name: JANIS FERGUSON
 Owner/operator address: PO BOX 407
 LAKELAND, FL 33802

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: 03/08/2010

Owner/operator name: PUBLIX SUPER MARKETS INC
 Owner/operator address: PO BOX 407
 LAKELAND, FL 33802

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: 10/19/1996

Owner/operator name: PUBLIX SUPER MARKETS INC
 Owner/operator address: 3300 PUBLIX CORPORATE PKWY
 LAKELAND, FL 33811

Owner/operator country: US
 Owner/operator telephone: 863-688-7407
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 03/08/2010
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PUBLIX DEERFIELD BEACH FACILITY (Continued)

1000700064

Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D002
 . Waste name: CORROSIVE WASTE

. Waste code: D005
 . Waste name: BARIUM

. Waste code: D006
 . Waste name: CADMIUM

. Waste code: D007
 . Waste name: CHROMIUM

. Waste code: D008
 . Waste name: LEAD

. Waste code: D009
 . Waste name: MERCURY

. Waste code: D010
 . Waste name: SELENIUM

. Waste code: D011
 . Waste name: SILVER

. Waste code: D018
 . Waste name: BENZENE

. Waste code: D035
 . Waste name: METHYL ETHYL KETONE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUBLIX DEERFIELD BEACH FACILITY (Continued)

1000700064

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 10/24/1996
 Site name: PUBLIX SUPER MARKETS DEERFIELD DISTRIBUTION CENTER
 Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: UGN:40 CFR 279.22
 Area of violation: Used Oil - Generators
 Date violation determined: 10/24/1996
 Date achieved compliance: 02/25/1997
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: 10/24/1996
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/24/1996
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Used Oil - Generators
 Date achieved compliance: 02/25/1997
 Evaluation lead agency: State

TRIS:

[Click this hyperlink](#) while viewing on your computer to access 2 additional US_TRIS: record(s) in the EDR Site Report.

US AIRS MINOR:

Envid: 1000700064
 Region Code: 04
 Programmatic ID: AIR 040000001277740035
 Facility Registry ID: 110007420629
 D and B Number: Not reported
 Primary SIC Code: 9999
 NAICS Code: 311520
 Default Air Classification Code: MIN
 Facility Type of Ownership Code: POF
 Air CMS Category Code: Not reported
 HPV Status: Not reported

US AIRS MINOR:

Envid: 1000700064
 Region Code: 04
 Programmatic ID: AIR 040000001277740035
 Facility Registry ID: 110007420629
 D and B Number: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PUBLIX DEERFIELD BEACH FACILITY (Continued)

1000700064

Primary SIC Code: 9999
 NAICS Code: 311520
 Default Air Classification Code: MIN
 Facility Type of Ownership Code: POF
 Air CMS Category Code: Not reported
 HPV Status: Not reported

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**PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE
 777 SW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL AST A100291003
 N/A**

AST:

Facility ID: 8945000
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 429-0122
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 6 16 / 80 17 23

Owner:

Owner Id: 25164
 Owner Name: PUBLIX SUPER MARKETS INC - ENVIRONMENTAL
 Owner Address: PO BOX 407
 Owner Address 2: ATTN: STORAGE TANK REGIS
 Owner City,St,Zip: LAKELAND, FL 33802
 Owner Contact: MICHAEL HEWETT
 Owner Phone: (863) 499-5418

Tank Id: 7
 Status: Removed
 Status Date: 01-FEB-2001
 Install Date: 01-JAN-1993
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 6000
 Tank Location: ABOVEGROUND

Tank Id: 9
 Status: In service
 Status Date: 01-JUL-1994
 Install Date: 01-JUL-1994
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 1000
 Tank Location: ABOVEGROUND

Construction:

Tank Id: 9
 Construction Category: Primary Construction
 Construction Description: Steel

Tank Id: 9
 Construction Category: Overfill/Spill
 Construction Description: Level gauges/alarms

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

A100291003

Tank Id: 9
 Construction Category: Secondary Containment
 Construction Description: Double wall

Monitoring:
 Tank ID: 9
 Monitoring Description: SPCC Plan

Tank ID: 9
 Monitoring Description: Visual inspection of ASTs

Tank ID: 9
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 9
 Monitoring Description: External piping monitoring

Piping:
 Tank ID: 9
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Tank Id: 8
 Status: In service
 Status Date: 01-FEB-2001
 Install Date: 01-FEB-2001
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 10000
 Tank Location: ABOVEGROUND

Construction:
 Tank Id: 8
 Construction Category: Secondary Containment
 Construction Description: AST containment

Tank Id: 8
 Construction Category: Primary Construction
 Construction Description: Steel

Tank Id: 8
 Construction Category: Overfill/Spill
 Construction Description: Level gauges/alarms

Monitoring:
 Tank ID: 8
 Monitoring Description: Automatic tank gauging - USTs

Piping:
 Tank ID: 8
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Tank ID: 8
 Piping Category: Primary Construction

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

A100291003

Piping Description: Steel/galvanized metal

Tank ID: 8
 Piping Category: Secondary Containment
 Piping Description: Pipe trench liner

Tank ID: 8
 Piping Category: Miscellaneous Attributes
 Piping Description: Suction piping system

Tank Id: 14
 Status: In service
 Status Date: 01-JAN-2013
 Install Date: 01-JAN-2013
 Substance: New/lube oil
 Content Description: New/Lube Oil
 Gallons: 750
 Tank Location: ABOVEGROUND

Construction:

Tank Id: 14
 Construction Category: Primary Construction
 Construction Description: Steel

Tank Id: 14
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 14
 Construction Category: Overfill/Spill
 Construction Description: Ball check valve

Monitoring:

Tank ID: 14
 Monitoring Description: Visual inspection of ASTs

Tank ID: 14
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 14
 Monitoring Description: Automatic tank gauging - USTs

Tank ID: 14
 Monitoring Description: Electronic monitor pipe sumps

Piping:

Tank ID: 14
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Tank ID: 14
 Piping Category: Primary Construction
 Piping Description: Steel/galvanized metal

Tank ID: 14
 Piping Category: Miscellaneous Attributes

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

A100291003

Piping Description: Suction piping system

[Click here for Florida Oculus:](#)

BROWARD CO AST:

Facility ID: 00784
 Storage Tank ID: 00784-01
 Tank Status: Not reported
 Installation Date: 09/19/2003
 Tank Size: 10000
 DEP Site ID: 068945000
 Tank Construction: C. Steel
 Tank Content: H. Diesel; Generator or Pump
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 00784
 Storage Tank ID: 00784-02
 Tank Status: U. In-Service
 Installation Date: 09/19/2003
 Tank Size: 1000
 DEP Site ID: 068945000
 Tank Construction: C. Steel
 Tank Content: D. Vehicular Diesel
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 00784
 Storage Tank ID: 00784-03
 Tank Status: U. In-Service
 Installation Date: 09/19/2003
 Tank Size: 4500
 DEP Site ID: 068945000
 Tank Construction: E. Fiberglass
 Tank Content: Not reported
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 00784
 Storage Tank ID: 00784-04
 Tank Status: U. In-Service
 Installation Date: 09/19/2003
 Tank Size: 4000
 DEP Site ID: 068945000
 Tank Construction: C. Steel
 Tank Content: Not reported
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 00784
 Storage Tank ID: 00784-05
 Tank Status: U. In-Service
 Installation Date: 09/19/2003
 Tank Size: 1000
 DEP Site ID: 068945000
 Tank Construction: C. Steel
 Tank Content: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

A100291003

Location: Above ground
 Alternate Location: Not reported

 Facility ID: 00784
 Storage Tank ID: 00784-12
 Tank Status: Not reported
 Installation Date: 09/19/2003
 Tank Size: 6000
 DEP Site ID: 068945000
 Tank Construction: C. Steel
 Tank Content: H. Diesel; Generator or Pump
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 00784
 Storage Tank ID: 00784-21
 Tank Status: U. In-Service
 Installation Date: 02/01/1986
 Tank Size: 4000
 DEP Site ID: 068945000
 Tank Construction: C. Steel
 Tank Content: T. Hazardous Substance (CERCLA)
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 00784
 Storage Tank ID: 00784-22
 Tank Status: U. In-Service
 Installation Date: 02/01/1986
 Tank Size: 2500
 DEP Site ID: 068945000
 Tank Construction: Y. Polyethylene
 Tank Content: U. Mineral Acid
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 00784
 Storage Tank ID: 00784-23
 Tank Status: Not reported
 Installation Date: 02/01/1986
 Tank Size: 2500
 DEP Site ID: 068945000
 Tank Construction: Y. Polyethylene
 Tank Content: U. Mineral Acid
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 00784
 Storage Tank ID: 00784-24
 Tank Status: U. In-Service
 Installation Date: 02/01/2012
 Tank Size: 2500
 DEP Site ID: 068945000
 Tank Construction: Y. Polyethylene
 Tank Content: U. Mineral Acid
 Location: Above ground
 Alternate Location: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

A100291003

Facility ID: 00784
 Storage Tank ID: 00784-25
 Tank Status: U. In-Service
 Installation Date: 02/15/2013
 Tank Size: 750
 DEP Site ID: 068945000
 Tank Construction: C. Steel
 Tank Content: O. New & Lube Oil
 Location: Above ground
 Alternate Location: Not reported

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**PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE
 777 SW 12TH AVE
 DEERFIELD BEACH, FL 33442**

**FL LUST
 FL UST
 FL BROWARD CO. HM
 FL ASBESTOS**

**1000734780
 N/A**

LUST:

Region: STATE
 Facility Id: 8945000
 Facility Status: OPEN
 Facility Type: C - Fuel user/Non-retail
 Facility Phone: (954)429-0122
 Facility Cleanup Rank: Not reported
 District: Southeast District
 Lat/Long (dms): 26 18 30.6252 / 80 7 18.2568
 Section: 002
 Township: 48S
 Range: 42E
 Feature: Not reported
 Method: AGPS
 Datum: 0
 Score: 74
 Score Effective Date: 07/11/2014
 Score When Ranked: Not reported
 Operator: TOM JONES
 Name Update: 03/12/2007
 Address Update: Not reported

Discharge Cleanup Summary:

Discharge Date: 01/28/2013
 PCT Discharge Combined: Not reported
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: SRCR - SRCR COMPLETE
 Disch Cleanup Status Date: 04/27/2017
 Cleanup Work Status: COMPLETED
 Information Source: D - DISCHARGE NOTIFICATION
 Other Source Description: Not reported
 Eligibility Indicator: I - INELIGIBLE
 Site Manager: JAIRAM_S
 Site Mgr End Date: 04/27/2017
 Tank Office: PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
 Discharge Date: 08/02/2011
 PCT Discharge Combined: Not reported
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 03/01/2012
 Cleanup Work Status: COMPLETED

MAP FINDINGS

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

1000734780

Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	I - INELIGIBLE
Site Manager:	MELLACHERUVU_SX
Site Mgr End Date:	03/01/2012
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Discharge Date:	09/30/1998
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	06/28/2000
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	I - INELIGIBLE
Site Manager:	SIVAPRASAD_K
Site Mgr End Date:	06/28/2000
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Discharge Date:	10/05/1998
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	06/28/2000
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	I - INELIGIBLE
Site Manager:	SIVAPRASAD_K
Site Mgr End Date:	02/18/2000
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Contaminated Media:	
Discharge Date:	01/28/2013
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	04/27/2017
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	I - INELIGIBLE
Site Manager:	JAIRAM_S
Site Mgr End Date:	04/27/2017
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	No
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	G - Emerg Generator Diesel
Pollutant Other Description:	vehicular diesel
Gallons Discharged:	Not reported
Discharge Date:	08/02/2011
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	03/01/2012
Cleanup Work Status:	COMPLETED

MAP FINDINGS

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

1000734780

Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	I - INELIGIBLE
Site Manager:	MELLACHERUVU_SX
Site Mgr End Date:	03/01/2012
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	No
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Pollutant:	X - Misc Petrol-Based Product
Pollutant Other Description:	Not reported
Gallons Discharged:	55
Discharge Date:	09/30/1998
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	06/28/2000
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	I - INELIGIBLE
Site Manager:	SIVAPRASAD_K
Site Mgr End Date:	06/28/2000
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Yes
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	D - Vehicular Diesel
Pollutant Other Description:	UNKNOWN
Gallons Discharged:	Not reported
Discharge Date:	10/05/1998
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	SRCR - SRCR COMPLETE
Disch Cleanup Status Date:	06/28/2000
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	I - INELIGIBLE
Site Manager:	SIVAPRASAD_K
Site Mgr End Date:	02/18/2000
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Yes
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	B - Unleaded Gas
Pollutant Other Description:	UNKNOWN
Gallons Discharged:	Not reported
Task Information:	
District:	SED
Facility ID:	8945000

MAP FINDINGS

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

1000734780

Facility Status: OPEN
 Facility Type: C - Fuel user/Non-retail -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: 02-21-2017
 Discharge Date: 01-28-2013
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: SRCR - SRCR COMPLETE
 Disch Cleanup Status Date: 04-27-2017
 SRC Action Type: SRCR - SITE REHABILITATION COMPLETION REPORT
 SRC Submit Date: 11-29-2016
 SRC Review Date: 12-06-2016
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 04-27-2017
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: JAIRAM_S
 Site Mgr End Date: 04-27-2017
 Tank Office: PCLP6 - Broward County
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 90038
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 90902
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported
 District: SED
 Facility ID: 8945000

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

1000734780

Facility Status: OPEN
 Facility Type: C - Fuel user/Non-retail -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: 02-08-2012
 Discharge Date: 08-02-2011
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 03-01-2012
 SRC Action Type: NFA - NO FURTHER ACTION
 SRC Submit Date: 12-28-2011
 SRC Review Date: 01-03-2012
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 03-01-2012
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: MELLACHERUVU_SX
 Site Mgr End Date: 03-01-2012
 Tank Office: PCLP6 - Broward County
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 88411
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 88691
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported
 District: SED
 Facility ID: 8945000

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

1000734780

Facility Status: OPEN
 Facility Type: C - Fuel user/Non-retail -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: 06-01-2000
 Discharge Date: 09-30-1998
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: SRCR - SRCR COMPLETE
 Disch Cleanup Status Date: 06-28-2000
 SRC Action Type: SRCR - SITE REHABILITATION COMPLETION REPORT
 SRC Submit Date: 11-29-1999
 SRC Review Date: 06-01-2000
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 06-28-2000
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: SIVAPRASAD_K
 Site Mgr End Date: 06-28-2000
 Tank Office: PCLP6 - Broward County
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 66476
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: 64023
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 61814
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported
 District: SED
 Facility ID: 8945000

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

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Facility Status: OPEN
 Facility Type: C - Fuel user/Non-retail -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: 06-01-2000
 Discharge Date: 10-05-1998
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: SRCR - SRCR COMPLETE
 Disch Cleanup Status Date: 06-28-2000
 SRC Action Type: SRCR - SITE REHABILITATION COMPLETION REPORT
 SRC Submit Date: 11-29-1999
 SRC Review Date: 06-01-2000
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 06-28-2000
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: SIVAPRASAD_K
 Site Mgr End Date: 02-18-2000
 Tank Office: PCLP6 - Broward County
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: Not reported
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: Not reported
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 66477
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 61815
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported

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UST:

Facility Id: 8945000
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 429-0122
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 6 16 / 80 17 23

Owner:

Owner Id: 25164
 Owner Name: PUBLIX SUPER MARKETS INC - ENVIRONMENTAL
 Owner Address: PO BOX 407
 Owner Address 2: ATTN: STORAGE TANK REGIS
 Owner City,St,Zip: LAKELAND, FL 33802
 Owner Contact: MICHAEL HEWETT
 Owner Phone: (863) 499-5418

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: 01-JAN-2013
 Install Date: 01-SEP-1987
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 20000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 10
 Status: In service
 Status Date: 01-JAN-2013
 Install Date: 01-JAN-2013
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 12000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Construction:

Tank Id: 10
 Construction Category: Primary Construction
 Construction Description: Fiberglass clad steel

Tank Id: 10
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 10
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Tank Id: 10

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

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Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	10
Construction Category:	Overfill/Spill
Construction Description:	DEP approved protection
Monitoring:	
Tank ID:	10
Monitoring Description:	Mechanical line leak detector
Tank ID:	10
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	10
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	10
Monitoring Description:	Visual inspect dispenser liners
Piping:	
Tank ID:	10
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	10
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	10
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	10
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank Id:	11
Status:	In service
Status Date:	01-JAN-2013
Install Date:	01-JAN-2013
Substance:	Vehicular diesel
Content Description:	Vehicular Diesel
Gallons:	12000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	11
Construction Category:	Primary Construction
Construction Description:	Fiberglass clad steel
Tank Id:	11
Construction Category:	Secondary Containment
Construction Description:	Double wall

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

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Tank Id:	11
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	11
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	11
Construction Category:	Overfill/Spill
Construction Description:	DEP approved protection
Monitoring:	
Tank ID:	11
Monitoring Description:	Mechanical line leak detector
Tank ID:	11
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	11
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	11
Monitoring Description:	Visual inspect dispenser liners
Piping:	
Tank ID:	11
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	11
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	11
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	11
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank Id:	12
Status:	In service
Status Date:	01-JAN-2013
Install Date:	01-JAN-2013
Substance:	Vehicular diesel
Content Description:	Vehicular Diesel
Gallons:	12000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	12
Construction Category:	Primary Construction

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

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Construction Description: Fiberglass clad steel

Tank Id: 12
 Construction Category: Secondary Containment
 Construction Description: Double wall

Tank Id: 12
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Tank Id: 12
 Construction Category: Overfill/Spill
 Construction Description: Level gauges/alarms

Tank Id: 12
 Construction Category: Overfill/Spill
 Construction Description: DEP approved protection

Monitoring:
 Tank ID: 12
 Monitoring Description: Mechanical line leak detector

Tank ID: 12
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 12
 Monitoring Description: Electronic monitor pipe sumps

Tank ID: 12
 Monitoring Description: Visual inspect dispenser liners

Piping:
 Tank ID: 12
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 12
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 12
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 12
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank Id: 13
 Status: In service
 Status Date: 01-JAN-2013
 Install Date: 01-JAN-2013
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 12000

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

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Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	13
Construction Category:	Primary Construction
Construction Description:	Fiberglass clad steel
Tank Id:	13
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	13
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	13
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Tank Id:	13
Construction Category:	Overfill/Spill
Construction Description:	DEP approved protection
Monitoring:	
Tank ID:	13
Monitoring Description:	Mechanical line leak detector
Tank ID:	13
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	13
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	13
Monitoring Description:	Visual inspect dispenser liners
Piping:	
Tank ID:	13
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	13
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	13
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	13
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank Id:	2

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

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Status: Removed
 Status Date: 01-JAN-2013
 Install Date: 01-SEP-1987
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 20000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 3
 Status: Removed
 Status Date: 01-JAN-2013
 Install Date: 01-SEP-1987
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 4
 Status: Removed
 Status Date: 01-JAN-2013
 Install Date: 01-SEP-1987
 Substance: Waste oil
 Content Description: Waste Oil
 Gallons: 560
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 5
 Status: Removed
 Status Date: 01-SEP-1998
 Install Date: 01-SEP-1987
 Substance: New/lube oil
 Content Description: New/Lube Oil
 Gallons: 1000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 6
 Status: Removed
 Status Date: 01-JAN-2013
 Install Date: 01-SEP-1987
 Substance: New/lube oil
 Content Description: New/Lube Oil
 Gallons: 1000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

1000734780

Broward Co. UST:
 DEP Site Id: 068945000
 Facility ID: 00784

Storage Tank #: 00784-06
 Tank Construction: F. Fiberglass-clad steel
 Tank Size: 1000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: O. New & Lube Oil
 Install Date: 09/19/2003
 Alt Location: Not reported

Storage Tank #: 00784-07
 Tank Construction: F. Fiberglass-clad steel
 Tank Size: 20000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: D. Vehicular Diesel
 Install Date: 09/19/2003
 Alt Location: Not reported

Storage Tank #: 00784-08
 Tank Construction: F. Fiberglass-clad steel
 Tank Size: 20000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: D. Vehicular Diesel
 Install Date: 09/19/2003
 Alt Location: Not reported

Storage Tank #: 00784-09
 Tank Construction: F. Fiberglass-clad steel
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: B. Unleaded Gasoline
 Install Date: 09/19/2003
 Alt Location: Not reported

Storage Tank #: 00784-10
 Tank Construction: F. Fiberglass-clad steel
 Tank Size: 1000
 Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: O. New & Lube Oil
 Install Date: 09/19/2003
 Alt Location: Not reported

Storage Tank #: 00784-11
 Tank Construction: F. Fiberglass-clad steel
 Tank Size: 550

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PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

1000734780

Tank Type: Underground
 Tank Status: B. Removed From Site
 Tank Contents: L. Waste Oil/Used Oil
 Install Date: 09/19/2003
 Alt Location: Not reported

Storage Tank #: 00784-13
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: Not reported
 Alt Location: Not reported

Storage Tank #: 00784-14
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: Not reported
 Alt Location: Not reported

Storage Tank #: 00784-15
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: Not reported
 Alt Location: Not reported

Storage Tank #: 00784-16
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: Not reported
 Alt Location: Not reported

Storage Tank #: 00784-17
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: Not reported
 Alt Location: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

1000734780

Storage Tank #: 00784-18
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: Not reported
 Alt Location: Not reported

Storage Tank #: 00784-19
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: L. Waste Oil/Used Oil
 Install Date: Not reported
 Alt Location: Not reported

Storage Tank #: 00784-20
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: 1. Installation / Modification; Out-of-Service
 Tank Contents: D. Vehicular Diesel
 Install Date: Not reported
 Alt Location: Not reported

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 00784
 Alt Location: Not reported

ASBESTOS:

Facility ID: AS01107470
 Notification ID: 91878
 Notification Type: COURTESY
 Project Type: RENOVATION
 Notification Status: REVIEWED
 Site Name: AMMONIA TANK SILO
 Ordered Demolition?: N
 Annual Notification: Not reported
 Owner Name: PUBLIX SUPERMARKETS, INC.
 Contractor Name: SIMPSON ENVIRONMENTAL SERVICES, INC.
 Start Date: 02/02/2017
 Finish Date: 02/02/2017
 Cementitious RACM: Not reported
 Cementitious SF: Not reported
 Floor RACM: Not reported
 Floor SF: Not reported
 Pipe RACM: Not reported
 Pipe SF: Not reported
 CF RACM: Not reported
 Roof RACM: Not reported
 Roof SF: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PUBLIX DEERFIELD BEACH DISTRIBUTION WAREHOUSE (Continued)

1000734780

Surface Mat RACM:	Not reported
Surface Mat SF:	Not reported
Waste Disposal Site:	Not reported
Waste Disposal Address:	Not reported
Waste Disposal City:	Not reported
Waste Disposal State:	Not reported
Waste Disposal Zip:	Not reported
Transporter Name:	Not reported
Contractor is Transporter:	Y
Waste Disp ID:	Not reported
Waste Disp Source:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	FL
Transporter Zip:	Not reported

57

**BRANDSMART USA
 821 SW NATURA BLVD
 DEERFIELD BEACH, FL 33441**

FL BROWARD CO. HM

**S107674079
 N/A**

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 05458
 Alt Location: Not reported

58

**7777 SW 12 AVENUE
 DEERFIELD BEACH, FL**

FL SPILLS

**S105183384
 N/A**

SPILLS:
 OHMIT Incident Number: 16186
 Incident Legacy: 98-02-0392
 On-Scene Response: Yes
 Criminal Indicator: No
 Hurricane Indicator: No
 Incident Date: 10/05/1998
 Incident Status: Closed
 Incident Report Date: Not reported

59

**SW 10TH STREET AT I-95 INTERCHANGE
 DEERFIELD BEACH, FL**

FL SPILLS

**S106079650
 N/A**

SPILLS:
 OHMIT Incident Number: 23473
 Incident Legacy: 03-21-0292
 On-Scene Response: Yes
 Criminal Indicator: No
 Hurricane Indicator: No
 Incident Date: 10/07/2003
 Incident Status: Closed
 Incident Report Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

59

**I-95 NORTHBOUND AND SW 10TH STREET
 DEERFIELD BEACH, FL**

FL SPILLS

**S105185687
 N/A**

SPILLS:

OHMIT Incident Number: 18519
 Incident Legacy: 99-02-0198
 On-Scene Response: Yes
 Criminal Indicator: No
 Hurricane Indicator: No
 Incident Date: 10/04/1999
 Incident Status: Closed
 Incident Report Date: Not reported

60

**EXXON MOBIL CORPORATION
 900 SW 10TH ST
 DEERFIELD BEACH, FL 33441**

EDR Hist Auto

**1021833726
 N/A**

EDR Hist Auto

Year:	Name:	Type:
1997	MOBILE ON RUN	Gasoline Service Stations
1998	MOBILE ON THE RUN	Gasoline Service Stations
1999	MOBILE ON THE RUN	Gasoline Service Stations
2002	MOBILE ON RUN	Gasoline Service Stations
2003	MOBILE ON RUN	Gasoline Service Stations
2004	MOBILE ON RUN	Gasoline Service Stations
2007	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2008	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2009	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2010	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2011	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2012	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2013	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2014	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC

60

**EXXONMOBIL OIL CORP #12668
 900 SW 10TH ST
 DEERFIELD BEACH, FL 33441**

RCRA NonGen / NLR

**1014388772
 FLR000166157**

RCRA NonGen / NLR:

Date form received by agency: 10/12/2011
 Facility name: EXXONMOBIL OIL CORP #12668
 Facility address: 900 SW 10TH ST
 DEERFIELD BEACH, FL 33441-7814
 EPA ID: FLR000166157
 Mailing address: SW 10TH ST
 DEERFIELD BEACH, FL 33441-7814
 Contact: DONNA HYMES
 Contact address: E WASHINGTON ST
 WEST CHESTER, PA 19380-4542
 Contact country: US
 Contact telephone: 610-430-8151
 Contact email: DHYMES@JD2ENV.COM
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

EXXONMOBIL OIL CORP #12668 (Continued)

1014388772

Owner/Operator Summary:

Owner/operator name: EXXONMOBIL OIL CORP
 Owner/operator address: 3225 GALLOWS RD
 FAIRFAX, VA 22037
 Owner/operator country: US
 Owner/operator telephone: 703-846-3000
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 12/01/1999
 Owner/Op end date: Not reported

Owner/operator name: EXXONMOBIL OIL CORP
 Owner/operator address: 3225 GALLOWS RD
 FAIRFAX, VA 22037
 Owner/operator country: US
 Owner/operator telephone: 703-846-3000
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 12/01/1999
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D018
 . Waste name: BENZENE

Historical Generators:

Date form received by agency: 08/09/2010
 Site name: EXXONMOBIL OIL CORP #12668
 Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

EXXONMOBIL OIL CORP #12668 (Continued)

1014388772

. Waste name: IGNITABLE WASTE
 . Waste code: D018
 . Waste name: BENZENE
 Violation Status: No violations found

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**7-ELEVEN STORE #34839
 900 SW 10TH ST
 DEERFIELD BEACH, FL 33441**

**FL UST U003180735
 N/A**

UST:

Facility Id: 9700573
 Facility Status: OPEN
 Type Description: Retail Station
 Facility Phone: (407) 247-6750
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 18 15 / 80 6 53

Owner:

Owner Id: 20385
 Owner Name: 7-ELEVEN INC - GASOLINE COMP DEPT 0148
 Owner Address: PO BOX 711
 Owner Address 2: ATTN: FL REGION COMPLIANCE MGR
 Owner City,St,Zip: DALLAS, TX 75221
 Owner Contact: CATHY WISE | JOHN MEYER (904) 501-6827
 Owner Phone: (407) 247-6750

Tank Info:

Tank Id: 1
 Status: In service
 Status Date: 01-OCT-1997
 Install Date: 01-MAY-1997
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 12000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Construction:

Tank Id: 1
 Construction Category: Overfill/Spill
 Construction Description: Ball check valve
 Tank Id: 1
 Construction Category: Primary Construction
 Construction Description: Fiberglass
 Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall
 Tank Id: 1
 Construction Category: Overfill/Spill
 Construction Description: Spill containment bucket

Tank Id: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34839 (Continued)

U003180735

Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Tank Id:	1
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Monitoring:	
Tank ID:	1
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	1
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	1
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1
Monitoring Description:	Continuous electronic sensing
Tank ID:	1
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	1
Monitoring Description:	Electronic monitor dispenser liners
Tank ID:	1
Monitoring Description:	Electronic line leak detector
Tank ID:	1
Monitoring Description:	Monitor dbl wall pipe space
Piping:	
Tank ID:	1
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	1
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	1
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	1
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank Id:	2
Status:	In service
Status Date:	01-OCT-1997
Install Date:	01-MAY-1997
Substance:	Unleaded gas
Content Description:	Unleaded Gas

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34839 (Continued)

U003180735

Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	C
Construction:	
Tank Id:	2
Construction Category:	Overfill/Spill
Construction Description:	Ball check valve
Tank Id:	2
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	2
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	2
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	2
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Tank Id:	2
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Monitoring:	
Tank ID:	2
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	2
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	2
Monitoring Description:	Electronic line leak detector
Tank ID:	2
Monitoring Description:	Monitor dbl wall pipe space
Tank ID:	2
Monitoring Description:	Continuous electronic sensing
Tank ID:	2
Monitoring Description:	Visual inspect pipe sumps
Tank ID:	2
Monitoring Description:	Electronic monitor dispenser liners
Piping:	
Tank ID:	2

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34839 (Continued)

U003180735

Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	2
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	2
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	2
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank Id:	3
Status:	In service
Status Date:	01-OCT-1997
Install Date:	01-MAY-1997
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	C
Construction:	
Tank Id:	3
Construction Category:	Overfill/Spill
Construction Description:	Ball check valve
Tank Id:	3
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	3
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	3
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Tank Id:	3
Construction Category:	Overfill/Spill
Construction Description:	Tight fill
Tank Id:	3
Construction Category:	Overfill/Spill
Construction Description:	Level gauges/alarms
Monitoring:	
Tank ID:	3
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	3

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7-ELEVEN STORE #34839 (Continued)

U003180735

Monitoring Description: Automatic tank gauging - USTs

Tank ID: 3
 Monitoring Description: Electronic monitor pipe sumps

Tank ID: 3
 Monitoring Description: Electronic line leak detector

Tank ID: 3
 Monitoring Description: Monitor dbl wall pipe space

Tank ID: 3
 Monitoring Description: Continuous electronic sensing

Tank ID: 3
 Monitoring Description: Visual inspect pipe sumps

Tank ID: 3
 Monitoring Description: Electronic monitor dispenser liners

Piping:

Tank ID: 3
 Piping Category: Primary Construction
 Piping Description: Fiberglass

Tank ID: 3
 Piping Category: Miscellaneous Attributes
 Piping Description: Pressurized piping system

Tank ID: 3
 Piping Category: Miscellaneous Attributes
 Piping Description: Dispenser liners

Tank ID: 3
 Piping Category: Secondary Containment
 Piping Description: Double wall

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Broward Co. UST:

DEP Site Id: 069700573
 Facility ID: 02579

Storage Tank #: 02579-01
 Tank Construction: E. Fiberglass
 Tank Size: 12000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 05/01/1997
 Alt Location: Not reported

Storage Tank #: 02579-02

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

7-ELEVEN STORE #34839 (Continued)

U003180735

Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 05/01/1997
 Alt Location: Not reported

Storage Tank #:
 Tank Construction: E. Fiberglass
 Tank Size: 10000
 Tank Type: Underground
 Tank Status: U. In-Service
 Tank Contents: B. Unleaded Gasoline
 Install Date: 05/01/1997
 Alt Location: Not reported

**60 7-ELEVEN STORE #34839
 900 SW 10TH ST
 DEERFIELD BEACH, FL 33441**

**FL BROWARD CO. HM S107675740
 N/A**

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 02579
 Alt Location: Not reported

**61 PROCACCIS GAS STATION
 1100 SW 10TH ST
 DEERFIELD BEACH, FL 33441**

**FL UST U003167517
 N/A**

UST:
 Facility Id: 9602459
 Facility Status: CLOSED
 Type Description: Retail Station
 Facility Phone: Not reported
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 6 32 / 80 9 16

Owner:
 Owner Id: 44916
 Owner Name: PROCACCI, PAT
 Owner Address: 1100 SW 10TH ST
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33441
 Owner Contact: PAT PROCACCI
 Owner Phone: Not reported

Tank Info:
 Tank Id: 1
 Status: Removed
 Status Date: 01-MAY-1999
 Install Date: 01-DEC-1994
 Substance: Unleaded gas
 Content Description: Unleaded Gas

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PROCACCIS GAS STATION (Continued)

U003167517

Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 2
 Status: Removed
 Status Date: 01-MAY-1999
 Install Date: 01-DEC-1994
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 3
 Status: Removed
 Status Date: 01-MAY-1999
 Install Date: 01-DEC-1994
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 12000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

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**62 DEERFIELD BEACH, CITY OF - WEST WELLFIELD WATER SU
 MILITARY TRL & SW 10TH ST
 DEERFIELD BEACH, FL 33442**

**FINDS 1016709664
 ECHO N/A**

FINDS:

Registry ID: 110056996684

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016709664
 Registry ID: 110056996684
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056996684>

MAP FINDINGS

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

62 TROLLEY ENTERPRISES, INC. FINDS 1012237230
 998 S MILITARY TRAIL ECHO N/A
 DEERFIELD BEACH, FL 33442

FINDS:

Registry ID: 110039620121

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR EMISSIONS CLASSIFICATION UNKNOWN

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1012237230
 Registry ID: 110039620121
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110039620121>

62 NANAKS LANDSCAPING FL AST A100360067
 998 S MILITARY TRL N/A
 DEERFIELD BEACH, FL 33442

BROWARD CO AST:

Facility ID: 13642
 Storage Tank ID: 13642-01
 Tank Status: U. In-Service
 Installation Date: Not reported
 Tank Size: 300
 DEP Site ID: Not reported
 Tank Construction: C. Steel
 Tank Content: B. Unleaded Gasoline
 Location: Above ground
 Alternate Location: Not reported

Facility ID: 13642
 Storage Tank ID: 13642-02
 Tank Status: U. In-Service
 Installation Date: Not reported
 Tank Size: 300
 DEP Site ID: Not reported
 Tank Construction: C. Steel
 Tank Content: D. Vehicular Diesel
 Location: Above ground
 Alternate Location: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

NANAKS LANDSCAPING (Continued)

A100360067

Facility ID: 13642
 Storage Tank ID: 13642-03
 Tank Status: U. In-Service
 Installation Date: Not reported
 Tank Size: 500
 DEP Site ID: Not reported
 Tank Construction: C. Steel
 Tank Content: D. Vehicular Diesel
 Location: Above ground
 Alternate Location: Not reported

**62 CEN-DEER MANAGEMENT INC
 998 S MILITARY TRL
 DEERFIELD BEACH, FL**

**FL RGA LUST S115166496
 N/A**

RGA LUST:

2012	CEN-DEER MANAGEMENT INC	998 S MILITARY TRL
2011	CEN-DEER MANAGEMENT INC	998 S MILITARY TRL
2010	CEN-DEER MANAGEMENT INC	998 S MILITARY TRL
2009	CEN-DEER MANAGEMENT INC	998 S MILITARY TRL
2008	CEN-DEER MANAGEMENT INC	998 S MILITARY TRL
2007	CEN-DEER MANAGEMENT INC	998 S MILITARY TRL
2006	CEN-DEER MANAGEMENT INC	998 S MILITARY TRL
2005	CEN-DEER MANAGEMENT INC	998 S MILITARY TRL

**62 CEN-DEER MANAGEMENT INC
 998 S MILITARY TRL
 DEERFIELD BEACH, FL 33442**

**FL LUST U001545919
 FL UST N/A**

LUST:

Region: STATE
 Facility Id: 8840464
 Facility Status: CLOSED
 Facility Type: C - Fuel user/Non-retail
 Facility Phone: (305)358-3000
 Facility Cleanup Rank: 936
 District: Southeast District
 Lat/Long (dms): 26 18 18.2901 / 80 7 39.2663
 Section: Not reported
 Township: Not reported
 Range: Not reported
 Feature: Not reported
 Method: UNVR
 Datum: 0
 Score: 75
 Score Effective Date: 05/18/2007
 Score When Ranked: 74
 Operator: CEN-DEER MANAGEMENT, INC.
 Name Update: 05/31/2005
 Address Update: Not reported

Discharge Cleanup Summary:

Discharge Date: 10/01/1985
 PCT Discharge Combined: Not reported
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CEN-DEER MANAGEMENT INC (Continued)

U001545919

Disch Cleanup Status Date:	11/18/2011
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	SINGLETON_D
Site Mgr End Date:	11/18/2011
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Petroleum Cleanup Program Eligibility:	
Facility ID:	8840464
Discharge Date:	01-OCT-85
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	11/18/2011
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Application Received Date:	01-OCT-85
Cleanup Program:	C - PETROLEUM CLEANUP PARTICIPATION PROGRAM
Eligibility Status:	20-FEB-06
Elig Status Date:	20-FEB-06
Letter Of Intent Date:	Not reported
Redetermined:	No
Inspection Date:	11/18/1987
Site Manager:	SINGLETON_D
Site Mgr End Date:	11/18/2011
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Deductible Amount:	Not reported
Deductible Paid To Date:	0
Co-Pay Amount:	25
Co-Pay Paid To Date:	0
Cap Amount:	400000
Contaminated Media:	
Discharge Date:	10/01/1985
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	11/18/2011
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	SINGLETON_D
Site Mgr End Date:	11/18/2011
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	Z - Other Non Regulated
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Task Information:	
District:	SED

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CEN-DEER MANAGEMENT INC (Continued)

U001545919

Facility ID: 8840464
 Facility Status: CLOSED
 Facility Type: C - Fuel user/Non-retail -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: E
 Source Effective Date: 06-27-2011
 Discharge Date: 10-01-1985
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 11-18-2011
 SRC Action Type: NFA - NO FURTHER ACTION
 SRC Submit Date: 12-06-2010
 SRC Review Date: 06-27-2011
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 11-18-2011
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: SINGLETON_D
 Site Mgr End Date: 11-18-2011
 Tank Office: PCLP6 - Broward County
 SR Task ID: 78744
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -
 SR Actual Cost: Not reported
 SR Completion Date: 08-21-1986
 SR Payment Date: Not reported
 SR Oral Date: Not reported
 SR Written Date: Not reported
 SR Soil Removal: Not reported
 SR Free Product Removal: Not reported
 SR Soil Tonnage Removed: Not reported
 SR Soil Treatment: Not reported
 SR Other Treatment: 265 GALS WASTE OIL
 SR Alternate Proc Received Date: Not reported
 SR Alternate Procedure Status: Not reported
 SR Alternate Procedure Status Date: Not reported
 SR Alternate Procedure Comments: Not reported
 SA Task ID: 78743
 SA Cleanup Responsible: -
 SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 88306
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CEN-DEER MANAGEMENT INC (Continued)

U001545919

[Click here for Florida Oculus:](#)

UST:

Facility Id: 8840464
 Facility Status: CLOSED
 Type Description: Fuel user/Non-retail
 Facility Phone: (305) 358-3000
 Region: STATE
 Positioning Method: UNVR
 Lat/Long (dms): 26 18 57 / 80 7 56

Owner:

Owner Id: 3678
 Owner Name: CEN DEER MANAGEMENT, INC
 Owner Address: 998 S MILITARY TRL
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 Owner Contact: DENNIS STOTTS
 Owner Phone: (305) 358-3000

Tank Info:

Tank Id: 1
 Status: Removed
 Status Date: 31-AUG-1986
 Install Date: Not reported
 Substance: Leaded gas
 Content Description: Leaded Gas
 Gallons: 888
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 2
 Status: Removed
 Status Date: 31-AUG-1986
 Install Date: Not reported
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 888
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 3
 Status: Removed
 Status Date: 31-AUG-1986
 Install Date: Not reported
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 888
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

Tank Id: 4
 Status: Removed
 Status Date: 31-AUG-1986

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CEN-DEER MANAGEMENT INC (Continued)

U001545919

Install Date: Not reported
 Substance: Unleaded gas
 Content Description: Unleaded Gas
 Gallons: 888
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

[Click here for Florida Oculus:](#)

62

**TROLLEY TOURS, INC.
 998 S MILITARY TRL
 DEERFIELD BEACH, FL 33442**

FL BROWARD CO. NOV

**S108066851
 N/A**

BROWARD CO. NOV:

Notice of Violation: March 31, 2007, May 15, 2007 and June 30, 2007
 Facility Status: Closed
 Region: BROWARD
 Enforcement Number: NOV07-0053
 Code Section Number: 27-27(a)(2) General violations and prohibitions.
 Completed Date: 07/07/2008
 Closest Major Intersection: Not reported

Notice of Violation: March 31, 2007, May 15, 2007 and June 30, 2007
 Facility Status: Closed
 Region: BROWARD
 Enforcement Number: NOV07-0053
 Code Section Number: 27-356(b)(4)b.4. Floor Drains
 Completed Date: 07/07/2008
 Closest Major Intersection: Not reported

Notice of Violation: March 31, 2007, May 15, 2007 and June 30, 2007
 Facility Status: Closed
 Region: BROWARD
 Enforcement Number: NOV07-0053
 Code Section Number: 27-27(a)(2) General violations and prohibitions.
 Completed Date: 07/07/2008
 Closest Major Intersection: Not reported

62

**NANAKS LANDSCAPING
 998 S MILITARY TRL
 DEERFIELD BEACH, FL 33442**

FL BROWARD CO. HM

**S111696741
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 13642
 Alt Location: Not reported

MAP FINDINGS

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

62 TROLLEY TOURS FL BROWARD CO. HM S101223733
 998 S MILITARY TRL N/A
 DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 00914
 Alt Location: Not reported

62 CEN-DEER MANAGEMENT, INC. FL RGA LUST S115166497
 998 S MILITARY TRL N/A
 DEERFIELD BEACH, FL

RGA LUST:
 2004 CEN-DEER MANAGEMENT, INC. 998 S MILITARY TRL
 2003 CEN-DEER MANAGEMENT, INC. 998 S MILITARY TRL
 2002 CEN-DEER MANAGEMENT, INC. 998 S MILITARY TRL
 2001 CEN-DEER MANAGEMENT, INC. 998 S MILITARY TRL
 2000 CEN-DEER MANAGEMENT, INC. 998 S MILITARY TRL
 1999 CEN-DEER MANAGEMENT, INC. 998 S MILITARY TRL
 1998 CEN-DEER MANAGEMENT, INC. 998 S MILITARY TRL

62 DEERFIELD BCH,CITY-WELL #17 FL RGA LUST S115171875
 994 S MILITARY TRL N/A
 DEERFIELD BEACH, FL

RGA LUST:
 1999 DEERFIELD BCH,CITY-WELL #17 994 S MILITARY TRL
 1998 DEERFIELD BCH,CITY-WELL #17 994 S MILITARY TRL

62 CITY OF DEERFIELD BEACH, WELL #17 FL BROWARD CO. HM S104520812
 994 S MILITARY TRL N/A
 DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 00445
 Alt Location: Not reported

62 DEERFIELD BEACH CITY-WELL #17 FL LUST U001342910
 994 S MILITARY TRL FL UST N/A
 DEERFIELD BEACH, FL 33442 FL AST

LUST:
 Region: STATE
 Facility Id: 8622498
 Facility Status: OPEN
 Facility Type: H - Local Government
 Facility Phone: (954)480-4370
 Facility Cleanup Rank: 936
 District: Southeast District
 Lat/Long (dms): 26 18 18.7312 / 80 7 35.3484

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DEERFIELD BEACH CITY-WELL #17 (Continued)

U001342910

Section:	Not reported
Township:	Not reported
Range:	Not reported
Feature:	Not reported
Method:	AGPS
Datum:	0
Score:	74
Score Effective Date:	08/03/2001
Score When Ranked:	74
Operator:	DEERFIELD BEACH,CITY
Name Update:	06/02/2005
Address Update:	Not reported
Discharge Cleanup Summary:	
Discharge Date:	10/01/1985
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	03/05/2007
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Eligibility Indicator:	E - ELIGIBLE
Site Manager:	THEISEN_MM
Site Mgr End Date:	03/05/2007
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Petroleum Cleanup Program Eligibility:	
Facility ID:	8622498
Discharge Date:	01-OCT-85
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	03/05/2007
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Application Received Date:	01-OCT-85
Cleanup Program:	C - PETROLEUM CLEANUP PARTICIPATION PROGRAM
Eligibility Status:	09-MAR-06
Elig Status Date:	09-MAR-06
Letter Of Intent Date:	Not reported
Redetermined:	No
Inspection Date:	11/18/1987
Site Manager:	THEISEN_MM
Site Mgr End Date:	03/05/2007
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT
Deductible Amount:	Not reported
Deductible Paid To Date:	0
Co-Pay Amount:	25
Co-Pay Paid To Date:	0
Cap Amount:	300000
Contaminated Media:	
Discharge Date:	10/01/1985
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	03/05/2007

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DEERFIELD BEACH CITY-WELL #17 (Continued)

U001342910

Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	THEISEN_MM
Site Mgr End Date:	03/05/2007
Tank Office:	PCLP6 - BROWARD CNTY ENVIRONME
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	Z - Other Non Regulated
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported
Task Information:	
District:	SED
Facility ID:	8622498
Facility Status:	OPEN
Facility Type:	H - Local Government -
County:	BROWARD
County ID:	6
Cleanup Eligibility Status:	E
Source Effective Date:	02-01-2007
Discharge Date:	10-01-1985
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	03-05-2007
SRC Action Type:	NFA - NO FURTHER ACTION
SRC Submit Date:	11-06-2006
SRC Review Date:	12-20-2006
SRC Completion Status:	A - APPROVED
SRC Issue Date:	03-05-2007
SRC Comment:	Not reported
Cleanup Work Status:	COMPLETED
Site Mgr:	THEISEN_MM
Site Mgr End Date:	03-05-2007
Tank Office:	PCLP6 - Broward County
SR Task ID:	Not reported
SR Cleanup Responsible:	-
SR Funding Eligibility Type:	-
SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	80280
SA Cleanup Responsible:	-

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DEERFIELD BEACH CITY-WELL #17 (Continued)

U001342910

SA Funding Eligibility Type: -
 SA Actual Cost: Not reported
 SA Completion Date: Not reported
 SA Payment Date: Not reported
 RAP Task ID: Not reported
 RAP Cleanup Responsible ID: -
 RAP Funding Eligibility Type: -
 RAP Actual Cost: Not reported
 RAP Completion Date: Not reported
 RAP Payment Date: Not reported
 RAP Last Order Approved: Not reported
 RA Task ID: 80283
 RA Cleanup Responsible: -
 RA Funding Eligibility Type: -
 RA Years to Complete: 0
 RA Actual Cost: Not reported

[Click here for Florida Oculus:](#)

UST:

Facility Id: 8622498
 Facility Status: OPEN
 Type Description: Local Government
 Facility Phone: (954) 480-4370
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 18 10 / 80 8 35

Owner:

Owner Id: 5535
 Owner Name: DEERFIELD BCH CITY
 Owner Address: 401 SW 4TH ST
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33441
 Owner Contact: FRANK CRISTIANO
 Owner Phone: (954) 691-7260

Tank Info:

Tank Id: 17
 Status: Removed
 Status Date: 31-OCT-1987
 Install Date: 01-JUL-1978
 Substance: Diesel-generator,pump
 Content Description: Generator/Pump Diesel
 Gallons: 600
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

[Click here for Florida Oculus:](#)

AST:

Facility ID: 8622498
 Facility Status: OPEN
 Type Description: Local Government

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DEERFIELD BEACH CITY-WELL #17 (Continued)

U001342910

Facility Phone: (954) 480-4370
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 18 10 / 80 8 35

Owner:

Owner Id: 5535
 Owner Name: DEERFIELD BCH CITY
 Owner Address: 401 SW 4TH ST
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33441
 Owner Contact: FRANK CRISTIANO
 Owner Phone: (954) 691-7260

Tank Id: 17R
 Status: In service
 Status Date: Not reported
 Install Date: 01-OCT-1987
 Substance: Diesel-generator,pump
 Content Description: Generator/Pump Diesel
 Gallons: 550
 Tank Location: ABOVEGROUND

[Click here for Florida Oculus:](#)

**62 DEERFIELD BEACH CITY-WELL #17
 994 S MILITARY TRL
 DEERFIELD BEACH, FL**

**FL RGA LUST S115171878
 N/A**

RGA LUST:

2012	DEERFIELD BEACH CITY-WELL #17	994 S MILITARY TRL
2011	DEERFIELD BEACH CITY-WELL #17	994 S MILITARY TRL
2010	DEERFIELD BEACH CITY-WELL #17	994 S MILITARY TRL
2009	DEERFIELD BEACH CITY-WELL #17	994 S MILITARY TRL
2008	DEERFIELD BEACH CITY-WELL #17	994 S MILITARY TRL
2007	DEERFIELD BEACH CITY-WELL #17	994 S MILITARY TRL
2006	DEERFIELD BEACH CITY-WELL #17	994 S MILITARY TRL
2005	DEERFIELD BEACH CITY-WELL #17	994 S MILITARY TRL

**62 DEERFIELD BCH CITY-WELL #17
 994 S MILITARY TRL
 DEERFIELD BEACH, FL**

**FL RGA LUST S115171872
 N/A**

RGA LUST:

2004	DEERFIELD BCH CITY-WELL #17	994 S MILITARY TRL
2003	DEERFIELD BCH CITY-WELL #17	994 S MILITARY TRL
2002	DEERFIELD BCH CITY-WELL #17	994 S MILITARY TRL
2001	DEERFIELD BCH CITY-WELL #17	994 S MILITARY TRL
2000	DEERFIELD BCH CITY-WELL #17	994 S MILITARY TRL

MAP FINDINGS

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

63 THE POOL PEOPLE FL BROWARD CO. HM S107677021
2150 SW 10TH ST N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 07453
 Alt Location: Not reported

64 CITY OF DEERFIELD BEACH, WELL FA-2 FL BROWARD CO. HM S110304428
2450 SW 10 ST N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 13247
 Alt Location: Not reported

65 AIRLINE SPARES AMERICA, INC. FL BROWARD CO. HM S111696869
1022 E NEWPORT CENTER DR N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 14468
 Alt Location: Not reported

66 BEST WESTERN FL LUST U004146108
1050 E NEWPORT CENTER DR FL TANKS N/A
DEERFIELD BEACH, FL 33442

LUST:
 Region: STATE
 Facility Id: 9807870
 Facility Status: CLOSED
 Facility Type: C - Fuel user/Non-retail
 Facility Phone: Not reported
 Facility Cleanup Rank: Not reported
 District: Southeast District
 Lat/Long (dms): 26 18 10.548 / 80 7 15.8412
 Section: Not reported
 Township: Not reported
 Range: Not reported
 Feature: Not reported
 Method: Not reported
 Datum: Not reported
 Score: 60
 Score Effective Date: 03/30/2006
 Score When Ranked: Not reported
 Operator: Not reported
 Name Update: Not reported
 Address Update: Not reported

Discharge Cleanup Summary:
 Discharge Date: 11/09/2004
 PCT Discharge Combined: Not reported
 Cleanup Required: R - CLEANUP REQUIRED

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BEST WESTERN (Continued)

U004146108

Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 04/25/2007
 Cleanup Work Status: COMPLETED
 Information Source: Z - OTHER
 Other Source Description: SITE INVESTIGATION REPORT
 Eligibility Indicator: I - INELIGIBLE
 Site Manager: THEISEN_MM
 Site Mgr End Date: 04/25/2007
 Tank Office: PCLP6 - BROWARD CNTY ENVIRONMENTAL PROTECTION DEPT

Contaminated Media:

Discharge Date: 11/09/2004
 Pct Discharge Combined With: Not reported
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 04/25/2007
 Cleanup Work Status: COMPLETED
 Information Source: Z - OTHER
 Other Source Description: SITE INVESTIGATION REPORT
 Elig Indicator: I - INELIGIBLE
 Site Manager: THEISEN_MM
 Site Mgr End Date: 04/25/2007
 Tank Office: PCLP6 - BROWARD CNTY ENVIRONME
 Contaminated Drinking Wells: Not reported
 Contaminated Monitoring Well: Not reported
 Contaminated Soil: Yes
 Contaminated Surface Water: Not reported
 Contaminated Ground Water: Not reported
 Pollutant: X - Misc Petrol-Based Product
 Pollutant Other Description: Not reported
 Gallons Discharged: Not reported

Task Information:

District: SED
 Facility ID: 9807870
 Facility Status: CLOSED
 Facility Type: C - Fuel user/Non-retail -
 County: BROWARD
 County ID: 6
 Cleanup Eligibility Status: I
 Source Effective Date: 03-23-2007
 Discharge Date: 11-09-2004
 Cleanup Required: R - CLEANUP REQUIRED
 Discharge Cleanup Status: NFA - NFA COMPLETE
 Disch Cleanup Status Date: 04-25-2007
 SRC Action Type: NFA - NO FURTHER ACTION
 SRC Submit Date: 12-05-2006
 SRC Review Date: 12-08-2006
 SRC Completion Status: A - APPROVED
 SRC Issue Date: 04-25-2007
 SRC Comment: Not reported
 Cleanup Work Status: COMPLETED
 Site Mgr: THEISEN_MM
 Site Mgr End Date: 04-25-2007
 Tank Office: PCLP6 - Broward County
 SR Task ID: Not reported
 SR Cleanup Responsible: -
 SR Funding Eligibility Type: -

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BEST WESTERN (Continued)

U004146108

SR Actual Cost:	Not reported
SR Completion Date:	Not reported
SR Payment Date:	Not reported
SR Oral Date:	Not reported
SR Written Date:	Not reported
SR Soil Removal:	Not reported
SR Free Product Removal:	Not reported
SR Soil Tonnage Removed:	Not reported
SR Soil Treatment:	Not reported
SR Other Treatment:	Not reported
SR Alternate Proc Received Date:	Not reported
SR Alternate Procedure Status:	Not reported
SR Alternate Procedure Status Date:	Not reported
SR Alternate Procedure Comments:	Not reported
SA Task ID:	78316
SA Cleanup Responsible:	-
SA Funding Eligibility Type:	-
SA Actual Cost:	Not reported
SA Completion Date:	Not reported
SA Payment Date:	Not reported
RAP Task ID:	Not reported
RAP Cleanup Responsible ID:	-
RAP Funding Eligibility Type:	-
RAP Actual Cost:	Not reported
RAP Completion Date:	Not reported
RAP Payment Date:	Not reported
RAP Last Order Approved:	Not reported
RA Task ID:	80734
RA Cleanup Responsible:	-
RA Funding Eligibility Type:	-
RA Years to Complete:	0
RA Actual Cost:	Not reported

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TANKS:

Facility ID:	9807870
Facility Phone:	Not reported
Facility Status:	CLOSED
Facility Type:	C
Type Description:	Fuel user/Non-retail
Dep Co:	P
Lat/Lon Deg Min Sec:	Not reported

67

**2200 DEERFIELD FLORIDA
 2200 SW 10TH ST
 DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM S107675258
 N/A**

BROWARD CO. HM:

Region:	BROWARD
Facility ID:	06338
Alt Location:	Not reported

MAP FINDINGS

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

68	AIR DIMENSIONS INC 1015 W NEWPORT CENTER DR DEERFIELD BEACH, FL 33442	RCRA NonGen / NLR FINDS ECHO	1004684665 FLR000029421
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RCRA NonGen / NLR:

Date form received by agency: 12/21/2004
 Facility name: AIR DIMENSIONS INC
 Facility address: 1015 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7740
 EPA ID: FLR000029421
 Mailing address: W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7740
 Contact: MICHAEL LAUDADIO
 Contact address: W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7740
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: TOM ENGLISH
 Owner/operator address: 1015 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 04/10/1997
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 04/10/1997
 Site name: AIR DIMENSIONS INC
 Classification: Conditionally Exempt Small Quantity Generator

MAP FINDINGS

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

AIR DIMENSIONS INC (Continued)

1004684665

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110005640949

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004684665
 Registry ID: 110005640949
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005640949>

68

**CAPITAL SUPPLY INC
 1015 W NEWPORT CENTER DR STE 103A
 DEERFIELD BEACH, FL 33442**

**RCRA NonGen / NLR 1001481479
 FLR000053801**

RCRA NonGen / NLR:

Date form received by agency: 11/18/2011
 Facility name: CAPITAL SUPPLY INC
 Facility address: 1015 W NEWPORT CENTER DR STE 103A
 DEERFIELD BEACH, FL 33442-7741
 EPA ID: FLR000053801
 Mailing address: PO BOX 5272
 1015 W NEWPORT CENTER DR STE 1
 DEERFIELD BEACH, FL 33442-5272
 Contact: STEVEN TARGONSKI
 Contact address: PO BOX 5272
 DEERFIELD BEACH, FL 33442-5272
 Contact country: US
 Contact telephone: 904-427-7500
 Contact email: Not reported
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ED JOHNSON
 Owner/operator address: 1015 W NEWPORT CENTER DR STE 1
 DEERFIELD BEACH, FL 33442

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CAPITAL SUPPLY INC (Continued)

1001481479

Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 03/03/1999
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 03/03/1999
 Site name: CAPITAL SUPPLY INC
 Classification: Not a generator, verified

 . Waste code: D001
 . Waste name: IGNITABLE WASTE

 Violation Status: No violations found

69

**GRAND VILLA OF DEERFIELD BEACH
 1050 SW 24TH AVE
 DEERFIELD BEACH, FL 33442**

FL BROWARD CO. HM

**S107677026
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 02100
 Alt Location: Not reported

70

**WINN-DIXIE STORES, INC. #265
 1101 S MILITARY TRL
 DEERFIELD BEACH, FL 33442**

FL BROWARD CO. HM

**S104520781
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 03309
 Alt Location: Not reported

MAP FINDINGS

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

71 **NEWPORT WAREHOUSE, LTD** **FL BROWARD CO. HM** **S104520995**
1096 E NEWPORT CENTER DR
DEERFIELD BEACH, FL 33442 **N/A**

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 04121
 Alt Location: Not reported

72 **WAL-MART NEIGHBORHOOD MARKET #3104** **RCRA-CESQG** **1016141146**
1101 S MILITARY TRL **FINDS** **FLR000198986**
DEERFIELD BEACH, FL 33442 **ECHO**

RCRA-CESQG:
 Date form received by agency: 04/08/2013
 Facility name: WAL-MART NEIGHBORHOOD MARKET #3104
 Facility address: 1101 S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7645
 EPA ID: FLR000198986
 Mailing address: 1101 S MILITARY TRAIL
 DEERFIELD BEACH, FL 33442-0000
 Contact: REBECCA HAYNIE
 Contact address: PO BOX 8041
 BENTONVILLE, AR 72712-0000
 Contact country: US
 Contact telephone: 850-245-8707
 Contact email: REBECCA.HAYNIE@WALMART.COM
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
 Owner/operator name: WAL MART STORES EAST LP
 Owner/operator address: PO BOX 8041
 BENTONVILLE, AR 72712
 Owner/operator country: US
 Owner/operator telephone: 479-204-0402
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 04/29/2013
 Owner/Op end date: Not reported

Owner/operator name: WAL MART STORES EAST LP

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WAL-MART NEIGHBORHOOD MARKET #3104 (Continued)

1016141146

Owner/operator address: PO BOX 8041
 BENTONVILLE, AR 72712
 Owner/operator country: US
 Owner/operator telephone: 479-204-0402
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 04/29/2013
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D004
- . Waste name: ARSENIC

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D010

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WAL-MART NEIGHBORHOOD MARKET #3104 (Continued)

1016141146

- . Waste code: D011
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D016
- . Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D022
- . Waste name: CHLOROFORM

- . Waste code: D024
- . Waste name: M-CRESOL

- . Waste code: D026
- . Waste name: CRESOL

- . Waste code: D027
- . Waste name: 1,4-DICHLOROBENZENE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D043
- . Waste name: VINYL CHLORIDE

- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

- . Waste code: U034
- . Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

- . Waste code: U035
- . Waste name: BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

- . Waste code: U058
- . Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

- . Waste code: U072
- . Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WAL-MART NEIGHBORHOOD MARKET #3104 (Continued)

1016141146

- . Waste code: U080
- . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

- . Waste code: U089
- . Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

- . Waste code: U122
- . Waste name: FORMALDEHYDE

- . Waste code: U129
- . Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

- . Waste code: U132
- . Waste name: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

- . Waste code: U134
- . Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

- . Waste code: U150
- . Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

- . Waste code: U165
- . Waste name: NAPHTHALENE

- . Waste code: U182
- . Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

- . Waste code: U188
- . Waste name: PHENOL

- . Waste code: U200
- . Waste name: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

- . Waste code: U205
- . Waste name: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

- . Waste code: U210
- . Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

- . Waste code: U240
- . Waste name: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

- . Waste code: U249
- . Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

- . Waste code: U279

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WAL-MART NEIGHBORHOOD MARKET #3104 (Continued)

1016141146

. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE
 . Waste code: U409
 . Waste name: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Violation Status: No violations found

FINDS:

Registry ID: 110055444014

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016141146
 Registry ID: 110055444014
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110055444014>

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**DIAMOND INNOVATIONS
 1121 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442**

RCRA-CESQG

**1016956114
 FLT140085168**

RCRA-CESQG:

Date form received by agency: 11/07/2014
 Facility name: DIAMOND INNOVATIONS
 Facility address: 1121 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7732
 EPA ID: FLT140085168
 Mailing address: W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7732
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: Not reported
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DIAMOND INNOVATIONS (Continued)

1016956114

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

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**DIAMOND INNOVATIONS, INC
 1121 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM
 FL NPDES**

**S107674717
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 03739
 Alt Location: Not reported

WASTEWATER:

Facility ID: FLRNEE826
 Facility Type: Stormwater No Exposure Certification
 Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.
 District Office: TLST
 NPDES Permitted Site: Not reported
 Environmental Interest: Not reported
 Owner Type: Private
 Permit Capacity: Not reported
 Party Name: John Van Fossen, PMTE
 Company Name: Diamond Innovations
 RP Address: 6325 Huntley Rd
 RP Address 2: Not reported
 RP City,Stat,Zip: Worthington OH 43085
 Telephone: 6144382886
 Email: john.van.fossen@sandvik.com
 Issue Date: 03/16/2015
 Effective Date: 03/16/2015
 Expiration Date: 03/15/2020
 DOC Description: Generic Permit
 Latitude Degrees: 26
 Latitude Minutes: 18

MAP FINDINGS

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

DIAMOND INNOVATIONS, INC (Continued)

S107674717

Latitude Seconds: 10.4
 Longitude Degrees: 80
 Longitude Minutes: 7
 Longitude Seconds: 28.9
 Treatment: Not reported
 Decode For Fstatus: Active

**74 I 595 BP LIMITED PARTNERSHIP
 1166 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442**

**EDR Hist Auto 1021821425
 N/A**

EDR Hist Auto

Year:	Name:	Type:
2002	I 595 BP LIMITED PARTNERSHIP	Gasoline Service Stations, NEC
2003	I 595 BP LIMITED PARTNERSHIP	Gasoline Service Stations, NEC
2004	I 595 BP LIMITED PARTNERSHIP	Gasoline Service Stations, NEC

**75 SULZER PLASMA TECHNIK
 1143 W.NEWPORT CNTR DR.
 DEERFIELD BEACH, FL 33442**

**RCRA-CESQG 1014469399
 FLTMP9002220**

RCRA-CESQG:

Date form received by agency: 04/19/1990
 Facility name: SULZER PLASMA TECHNIK
 Facility address: 1143 W.NEWPORT CNTR DR.
 DEERFIELD BEACH, FL 33442
 EPA ID: FLTMP9002220
 Contact: Not reported
 Contact address: Not reported
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

SULZER PLASMA TECHNIK (Continued)

1014469399

Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

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**GLOBAL MEDIA GROUP, INC.
 1121 S. MILITARY TRAIL #301
 DEERFIELD BEACH, FL 33442**

**FL SWF/LF S113900034
 N/A**

SWF/LF:

Facility ID: 97406
 District: SED
 Lat/Long: :: / ::
 Class Type: 754
 Classification: WASTE TIRE COLLECTOR
 Class Status: INACTIVE (I)
 Section: Not reported
 Township: Not reported
 Range: Not reported
 Responsible Authority Name: Not reported
 Responsible Authority Address: Not reported
 Responsible Authority City,St,Zip: Not reported
 Responsible Authority Phone: Not reported
 EMail Address1: Not reported
 EMail Address2: Not reported
 Site Supervisor Name: Not reported
 Site Supervisor Addr: Not reported
 Site Supervisor City/State/Zip: Not reported
 Site Supervisor Telephone: Not reported
 Land Owner Name: Not reported
 Land Owner Address: Not reported
 Land Owner City/State/Zip: Not reported
 Land Owner Telephone: Not reported

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**JIMS RADIATOR & AUTO REPAIR
 1171 SW 1ST WAY
 DEERFIELD BEACH, FL 33441**

**FL FI Sites S100888898
 N/A**

FL SITES:

Monthly Update: February
 Air Contam: Not reported
 Soil Contam: Not reported
 Surface Water Contam: Not reported
 Ground Water Contam: Not reported
 Warning Letter Status: Not reported
 Notice of Violation Status: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JIMS RADIATOR & AUTO REPAIR (Continued)

S100888898

Consent Order Status: No
 Admin Hearing Status: No
 Court Status: No
 Final Order Status: No
 Cleanup Started: No
 Cleanup Completed: No
 Deletion Recommended: No
 Other: Not reported
 District: SOUTHEAST
 Facility ID: 000241
 EPA ID: FLD010432524
 Lead Unit: Not reported
 Support Unit: 3012
 Status: ACTIVE
 Status Date: 04/27/85
 Comments: NEW SITE 9-84. 3012 PRELIMINARY ASSESSMENT COMPLETED 11-85 RESULTED IN A LOW PRIORITY FOR SITE SCREENING INSPECTION IN CALENDAR YEAR 1985. EPA/CERCLA SITE SCREENING CATEGORIZATION REVIEW COMPLETED 11/87 RESULTED IN A LOW PRIORITY FOR SITE SCREENING INVESTIGATION. EPA/FDER INVESTIGATION TO BE SCHEDULED ON A PRIORITY BASIS.

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78 A & L SOUTHERN AGRICULTURAL LABORATORIES FL BROWARD CO. HM S111219821
1199 W NEWPORT CENTER DR N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 13091
 Alt Location: Not reported

79 MAPEI CORP FL BROWARD CO. HM S107675560
1144 E NEWPORT CENTER DR N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 04479
 Alt Location: Not reported

79 MAPEI CORPORATION FL AST A100290771
1144 E NEWPORT CENTER DR N/A
DEERFIELD BEACH, FL 33442

AST:
 Facility ID: 9700509
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 246-8605
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 18 12 / 80 7 20

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

MAPEI CORPORATION (Continued)

A100290771

Owner:

Owner Id: 50879
Owner Name: MAPEI CORP
Owner Address: 1144 E NEWPORT CENTER DR
Owner Address 2: ATTN: ERNEST PEREZ
Owner City,St,Zip: DEERFIELD BEACH, FL 33442
Owner Contact: ERNEST PEREZ
Owner Phone: (954) 246-8605

Tank Id: 1
Status: In service
Status Date: 01-SEP-1996
Install Date: 01-SEP-1996
Substance: Diesel-emergen generator
Content Description: Emerg Generator Diesel
Gallons: 1000
Tank Location: ABOVEGROUND

Construction:

Tank Id: 1
Construction Category: Secondary Containment
Construction Description: Double wall

Monitoring:

Tank ID: 1
Monitoring Description: Monitor dbl wall tank space

Piping:

Tank ID: 1
Piping Category: Secondary Containment
Piping Description: Double wall

[Click here for Florida Oculus:](#)

BROWARD CO AST:

Facility ID: 04479
Storage Tank ID: 04479-01
Tank Status: U. In-Service
Installation Date: 12/31/1996
Tank Size: 1000
DEP Site ID: 069700509
Tank Construction: C. Steel
Tank Content: G. Diesel; Emergency Generator
Location: Above ground
Alternate Location: Not reported

MAP FINDINGS

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

80	LOW PRICE DRY CLEANER 1145 S MILITARY TRL DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	S105212869 N/A
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BROWARD CO. HM:

Region:	BROWARD
Facility ID:	04868
Alt Location:	Not reported

80	ONE PRICE DRY CLEANER 1145 S MILITARY TRL DEERFIELD BEACH, FL 33442	RCRA NonGen / NLR	1015741477 FLR000063537
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RCRA NonGen / NLR:

Date form received by agency:	11/18/2011
Facility name:	ONE PRICE DRY CLEANER
Facility address:	1145 S MILITARY TRL DEERFIELD BEACH, FL 33442-7645
EPA ID:	FLR000063537
Mailing address:	S MILITARY TRL DEERFIELD BEACH, FL 33442-7645
Contact:	KOUROSH ALIPOUR
Contact address:	S MILITARY TRL DEERFIELD BEACH, FL 33442-7645
Contact country:	US
Contact telephone:	954-481-1720
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	KOUROSH ALIPOUR
Owner/operator address:	1145 S MILITARY TRL DEERFIELD BEACH, FL 33442
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	03/02/2000
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ONE PRICE DRY CLEANER (Continued)

1015741477

Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 03/02/2000
 Site name: ONE PRICE DRY CLEANER
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Violation Status: No violations found

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**LONDON PARK
 1201 S MILITARY TRL
 DEERFIELD BEACH, FL 33442**

**FL UST
 FL BROWARD CO. HM**

**U003729708
 N/A**

UST:

Facility Id: 9801655
 Facility Status: OPEN
 Type Description: Retail Station
 Facility Phone: (954) 421-1735
 Region: STATE
 Positioning Method: AGPS
 Lat/Long (dms): 26 18 7 / 80 7 59

Owner:

Owner Id: 57927
 Owner Name: K20 OIL LLC
 Owner Address: 1201 S MILITARY TRAIL
 Owner Address 2: ATTN: MASSAYUKI ALVES
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 Owner Contact: MASSAYUKI ALVES
 Owner Phone: (954) 421-1735

Tank Info:

Tank Id: 1
 Status: In service
 Status Date: 01-APR-1999
 Install Date: 01-APR-1999
 Substance: Vehicular diesel
 Content Description: Vehicular Diesel
 Gallons: 12000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: C

Construction:

Tank Id: 1
 Construction Category: Primary Construction
 Construction Description: Fiberglass clad steel

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LONDON PARK (Continued)

U003729708

Tank Id:	1
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Monitoring:	
Tank ID:	1
Monitoring Description:	Monitor UST/liner space
Tank ID:	1
Monitoring Description:	Monitor piping/liner space
Tank ID:	1
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	1
Monitoring Description:	Mechanical line leak detector
Tank ID:	1
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	1
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	1
Monitoring Description:	Electronic monitor dispenser liners
Piping:	
Tank ID:	1
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	1
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	1
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank ID:	1
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank Id:	2
Status:	In service
Status Date:	01-APR-1999
Install Date:	01-APR-1999
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	C
Construction:	
Tank Id:	2

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LONDON PARK (Continued)

U003729708

Construction Category:	Primary Construction
Construction Description:	Fiberglass clad steel
Tank Id:	2
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	2
Construction Category:	Overfill/Spill
Construction Description:	Ball check valve
Tank Id:	2
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Monitoring:	
Tank ID:	2
Monitoring Description:	Monitor UST/liner space
Tank ID:	2
Monitoring Description:	Monitor piping/liner space
Tank ID:	2
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2
Monitoring Description:	Mechanical line leak detector
Tank ID:	2
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	2
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	2
Monitoring Description:	Electronic monitor dispenser liners
Piping:	
Tank ID:	2
Piping Category:	Primary Construction
Piping Description:	Fiberglass
Tank ID:	2
Piping Category:	Miscellaneous Attributes
Piping Description:	Dispenser liners
Tank ID:	2
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	2
Piping Category:	Secondary Containment
Piping Description:	Double wall
Tank Id:	3

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LONDON PARK (Continued)

U003729708

Status:	In service
Status Date:	01-APR-1999
Install Date:	01-APR-1999
Substance:	Unleaded gas
Content Description:	Unleaded Gas
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	C
Construction:	
Tank Id:	3
Construction Category:	Primary Construction
Construction Description:	Fiberglass clad steel
Tank Id:	3
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	3
Construction Category:	Overfill/Spill
Construction Description:	Ball check valve
Tank Id:	3
Construction Category:	Overfill/Spill
Construction Description:	Spill containment bucket
Monitoring:	
Tank ID:	3
Monitoring Description:	Monitor UST/liner space
Tank ID:	3
Monitoring Description:	Monitor piping/liner space
Tank ID:	3
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	3
Monitoring Description:	Mechanical line leak detector
Tank ID:	3
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	3
Monitoring Description:	Electronic monitor pipe sumps
Tank ID:	3
Monitoring Description:	Electronic monitor dispenser liners
Piping:	
Tank ID:	3
Piping Category:	Miscellaneous Attributes
Piping Description:	Pressurized piping system
Tank ID:	3
Piping Category:	Secondary Containment
Piping Description:	Double wall

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

LONDON PARK (Continued)

U003729708

Tank ID: 3
Piping Category: Primary Construction
Piping Description: Fiberglass

Tank ID: 3
Piping Category: Miscellaneous Attributes
Piping Description: Dispenser liners

[Click here for Florida Oculus:](#)

Broward Co. UST:

DEP Site Id: 069801655
Facility ID: 03562

Storage Tank #: 03562-01
Tank Construction: E. Fiberglass
Tank Size: 12000
Tank Type: Underground
Tank Status: U. In-Service
Tank Contents: B. Unleaded Gasoline
Install Date: 05/14/1999
Alt Location: Not reported

Storage Tank #: 03562-02
Tank Construction: E. Fiberglass
Tank Size: 10000
Tank Type: Underground
Tank Status: U. In-Service
Tank Contents: B. Unleaded Gasoline
Install Date: 05/14/1999
Alt Location: Not reported

Storage Tank #: 03562-03
Tank Construction: E. Fiberglass
Tank Size: 10000
Tank Type: Underground
Tank Status: U. In-Service
Tank Contents: B. Unleaded Gasoline
Install Date: 05/14/1999
Alt Location: Not reported

BROWARD CO. HM:

Region: BROWARD
Facility ID: 03562
Alt Location: Not reported

MAP FINDINGS

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

82 BI LINK METAL SPECIALTIES INC RCRA-CESQG 1004684449
1215 W NEWPORT CENTER DR FINDS FLR000000190
DEERFIELD BEACH, FL 33442 ECHO

RCRA-CESQG:

Date form received by agency: 03/23/1995
 Facility name: BI LINK METAL SPECIALTIES INC
 Facility address: 1215 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7738
 EPA ID: FLR000000190
 Mailing address: W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7738
 Contact: LARRY VARDAMAN
 Contact address: W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7738
 Contact country: US
 Contact telephone: 305-570-3444
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: LARRY VARDAMAN
 Owner/operator address: 1215 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported
 Owner/operator name: VARDAMAN LARRY
 Owner/operator address: 1215 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BI LINK METAL SPECIALTIES INC (Continued)

1004684449

Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110005627599

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004684449
 Registry ID: 110005627599
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005627599>

MAP FINDINGS

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

82 VALVE RESEARCH & MANUFACTURING CO. FL BROWARD CO. HM S101232747
1215 W NEWPORT CENTER DR N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 01792
 Alt Location: Not reported

 Region: BROWARD
 Facility ID: 13193
 Alt Location: Not reported

82 BI - LINK METAL SPECIALTIES RCRA-CESQG 1014467478
1215 WEST NEWPORT CNTR DR FLT950050971
DEERFIELD BEACH, FL 33442

RCRA-CESQG:
 Date form received by agency: 03/16/1995
 Facility name: BI - LINK METAL SPECIALTIES
 Facility address: 1215 WEST NEWPORT CNTR DR
 DEERFIELD BEACH, FL 33442

 EPA ID: FLT950050971
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:
 U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No

MAP FINDINGS

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

BI - LINK METAL SPECIALTIES (Continued)

1014467478

Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

**83 UMHC/SYLVESTER DEERFIELD BEACH
 1192 E NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442**

**FL AST A100306501
 N/A**

BROWARD CO AST:

Facility ID: 11789
 Storage Tank ID: 11789-01
 Tank Status: U. In-Service
 Installation Date: 03/13/2009
 Tank Size: 4600
 DEP Site ID: 069811006
 Tank Construction: C. Steel
 Tank Content: G. Diesel; Emergency Generator
 Location: Above ground
 Alternate Location: Not reported

**83 UMHC/SYLVESTER DEERFIELD BEACH
 1192 E NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442**

**FL BROWARD CO. HM S108667570
 N/A**

BROWARD CO. HM:

Region: BROWARD
 Facility ID: 11789
 Alt Location: Not reported

**83 UNIVERSITY OF MIAMI SYLVESTEN
 1192 E NEWPORT DR
 DEERFIELD, FL 33442**

**FL AST S109419020
 N/A**

AST:

Facility ID: 9811006
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (305) 243-3400
 DEP Contractor Own: P
 Region: STATE
 Positioning Method: Not reported
 Lat/Long (dms): Not reported

Owner:

Owner Id: 22674
 Owner Name: UNIVERSITY OF MIAMI
 Owner Address: PO BOX 016960 (R-23)
 Owner Address 2: ATTN: KEN CAPEZZUTO
 Owner City,St,Zip: MIAMI, FL 33101
 Owner Contact: KEN CAPEZZUTO
 Owner Phone: (305) 243-8463

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

UNIVERSITY OF MIAMI SYLVESTEN (Continued)

S109419020

Tank Id: 1
 Status: In service
 Status Date: 01-JAN-2009
 Install Date: 01-JAN-2009
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 4600
 Tank Location: ABOVEGROUND

Construction:

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

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

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall

Monitoring:

Tank ID: 1
 Monitoring Description: Visual inspection of ASTs

Tank ID: 1
 Monitoring Description: Monitor dbl wall tank space

Piping:

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Tank ID: 1
 Piping Category: Primary Construction
 Piping Description: Steel/galvanized metal

Click here for Florida Oculus:

84

**ONE STOP DRY CLEANERS
 1323 S MILITARY TRL
 DEERFIELD BEACH, FL 33442**

**RCRA-SQG 1004685196
 FLR000048579**

RCRA-SQG:
 Date form received by agency: 03/27/2009
 Facility name: ONE STOP DRY CLEANERS
 Facility address: 1323 S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7634
 EPA ID: FLR000048579
 Mailing address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7634
 Contact: JAE H LEE
 Contact address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7634

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ONE STOP DRY CLEANERS (Continued)

1004685196

Contact country: US
 Contact telephone: 954-426-8573
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JAE LEE
 Owner/operator address: 1323 S MILITARY TRL
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 09/18/1998
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 09/18/1998
 Site name: ONE STOP DRY CLEANERS
 Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D039
 . Waste name: TETRACHLOROETHYLENE

. Waste code: F002
 . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ONE STOP DRY CLEANERS (Continued)

1004685196

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: 376.3078(9)(a)
 Area of violation: State Statute or Regulation
 Date violation determined: 01/20/2009
 Date achieved compliance: 04/09/2009
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: 262.34(a)(2)
 Area of violation: Generators - Pre-transport
 Date violation determined: 01/20/2009
 Date achieved compliance: 04/09/2009
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: 262.34(d)(5)(iii)
 Area of violation: Generators - Pre-transport
 Date violation determined: 01/20/2009
 Date achieved compliance: 04/09/2009
 Violation lead agency: State
 Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: 262.40(a)
 Area of violation: Generators - Records/Reporting
 Date violation determined: 01/20/2009
 Date achieved compliance: 04/09/2009
 Violation lead agency: State

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ONE STOP DRY CLEANERS (Continued)

1004685196

Enforcement action: Not reported
 Enforcement action date: Not reported
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: Not reported
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 01/20/2009
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: State Statute or Regulation
 Date achieved compliance: 04/09/2009
 Evaluation lead agency: State

Evaluation date: 01/20/2009
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - Records/Reporting
 Date achieved compliance: 04/09/2009
 Evaluation lead agency: State

Evaluation date: 01/20/2009
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - Pre-transport
 Date achieved compliance: 04/09/2009
 Evaluation lead agency: State

84

**ONE STEP DRY CLEANERS
 1323 S MILITARY TRAIL
 DEERFIELD BEACH, FL 33442**

**FL Broward Co. EDIEAR
 FL DRYCLEANERS
 FL PRIORITYCLEANERS**

**S103589280
 N/A**

Broward Co. EDIEAR:

Facility ID: 3665
 Facility Department: 069800735
 Program Type: DRY-CLEAN
 Facility Type: DRY CLEANER
 Pollutant Type: CHLORINATED
 Lead Agency: DEP

DRYCLEANERS:

Facility ID: 9500804
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (954)426-8573
 Owner ID: 61083
 Owner Role: TANK OPERATOR
 Owner Name: KIM YONG RYE
 Owner Contact: YONG RYE KIM
 Owner Address: 143 RIVERWALK CIR
 Owner Addr2: Not reported
 Owner City,St,Zip: SUNRISE, FL 33326
 RP Phone: (954)384-4871
 Start Date: 02/27/2009

Facility ID: 9500804
 Facility Type: Drycleaner
 Facility Status: OPEN

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ONE STEP DRY CLEANERS (Continued)

S103589280

Facility Phone: (954)426-8573
 Owner ID: 61083
 Owner Role: TANK OWNER
 Owner Name: KIM YONG RYE
 Owner Contact: YONG RYE KIM
 Owner Address: 143 RIVERWALK CIR
 Owner Addr2: Not reported
 Owner City,St,Zip: SUNRISE, FL 33326
 RP Phone: (954)384-4871
 Start Date: 04/16/2007

Facility ID: 9500804
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (954)426-8573
 Owner ID: 61083
 Owner Role: FACILITY OWNER
 Owner Name: KIM YONG RYE
 Owner Contact: YONG RYE KIM
 Owner Address: 143 RIVERWALK CIR
 Owner Addr2: Not reported
 Owner City,St,Zip: SUNRISE, FL 33326
 RP Phone: (954)384-4871
 Start Date: 04/16/2007

Facility ID: 9500804
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (954)426-8573
 Owner ID: 61083
 Owner Role: ACCOUNT OWNER
 Owner Name: KIM YONG RYE
 Owner Contact: YONG RYE KIM
 Owner Address: 143 RIVERWALK CIR
 Owner Addr2: Not reported
 Owner City,St,Zip: SUNRISE, FL 33326
 RP Phone: (954)384-4871
 Start Date: 04/16/2007

Facility ID: 9800735
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (954)426-8573
 Owner ID: 62363
 Owner Role: TANK OWNER
 Owner Name: SELIM CORP
 Owner Contact: OK KIM
 Owner Address: 1323 S MILITARY TRAIL
 Owner Addr2: ATTN: OK KIM
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 RP Phone: Not reported
 Start Date: 02/19/2008

Facility ID: 9800735
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (954)426-8573

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ONE STEP DRY CLEANERS (Continued)

S103589280

Owner ID: 62363
 Owner Role: FACILITY OWNER
 Owner Name: SELIM CORP
 Owner Contact: OK KIM
 Owner Address: 1323 S MILITARY TRAIL
 Owner Addr2: ATTN: OK KIM
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 RP Phone: Not reported
 Start Date: 02/19/2008

Facility ID: 9800735
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (954)426-8573
 Owner ID: 62363
 Owner Role: ACCOUNT OWNER
 Owner Name: SELIM CORP
 Owner Contact: OK KIM
 Owner Address: 1323 S MILITARY TRAIL
 Owner Addr2: ATTN: OK KIM
 Owner City,St,Zip: DEERFIELD BEACH, FL 33442
 RP Phone: Not reported
 Start Date: 02/19/2008

Facility ID: 9800735
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (954)426-8573
 Owner ID: 46924
 Owner Role: PROPERTY OWNER
 Owner Name: SAWGRASS PROMENADE INC
 Owner Contact: BERNICK
 Owner Address: 2401 PGA BLVD
 Owner Addr2: Not reported
 Owner City,St,Zip: PALM BEACH GARDENS, FL 33410
 RP Phone: (561)624-9500
 Start Date: 09/15/1998

Facility ID: 9500804
 Facility Type: Drycleaner
 Facility Status: OPEN
 Facility Phone: (954)426-8573
 Owner ID: 46924
 Owner Role: PROPERTY OWNER
 Owner Name: SAWGRASS PROMENADE INC
 Owner Contact: BERNICK
 Owner Address: 2401 PGA BLVD
 Owner Addr2: Not reported
 Owner City,St,Zip: PALM BEACH GARDENS, FL 33410
 RP Phone: (561)624-9500
 Start Date: 01/29/1998

PRIORITYCLEANERS:

Rank: Issued Site Rehabilitation Completion Order
 Facility ID: 9800735
 Score: 130
 Voluntary Cleanup: Not reported

MAP FINDINGS

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

84 **WALGREENS #1139** **FL BROWARD CO. HM** **S103298081**
1325 S MILITARY TRL **N/A**
DEERFIELD BEACH, FL 33441
 BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 03247
 Alt Location: Not reported

84 **ONE STOP DRY CLEANERS** **RCRA-CESQG** **1012177838**
1323 S MILITARY TRL **FINDS** **FLR000161968**
DEERFIELD BEACH, FL 33442 **ECHO**

RCRA-CESQG:
 Date form received by agency: 10/29/2009
 Facility name: FLORIDA DEP DSCP SITE D035 FAC ID #9800735
 Facility address: 1323 S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7634
 EPA ID: FLR000161968
 Mailing address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7634
 Contact: MIRANDA BARTLETT
 Contact address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7634
 Contact country: US
 Contact telephone: 850-245-8941
 Contact email: MIRANDA.BARTLETT@DEP.STATE.FL.US
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
 Owner/operator name: SAWGRASS PROMENADE INC
 Owner/operator address: 2401 PGA BLVD SUITE 280
 PALM BEACH GARDENS, FL 33410
 Owner/operator country: US
 Owner/operator telephone: 407-624-9500
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/29/2009
 Owner/Op end date: Not reported
 Owner/operator name: FLORIDA DEP DSCP D035 FAC ID #9800735

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ONE STOP DRY CLEANERS (Continued)

1012177838

Owner/operator address: 1323 S MILITARY TRL
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: 850-245-8941
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 10/29/2009
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D039
 . Waste name: TETRACHLOROETHYLENE

 . Waste code: D040
 . Waste name: TRICHLORETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110001759062

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

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

ONE STOP DRY CLEANERS (Continued)

1012177838

ECHO:

Envid: 1012177838
 Registry ID: 110001759062
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001759062>

84 PUBLIX SUPER MARKETS, INC. #0246 FL BROWARD CO. HM S108247494
1337 S MILITARY TRL N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 11230
 Alt Location: Not reported

84 ONE STOP DRY CLEANERS FL BROWARD CO. HM 1004171679
1323 S MILITARY TRL N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 04857
 Alt Location: Not reported

85 THE HORIZON CLUB FL BROWARD CO. HM S102632234
1208 S MILITARY TRL N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 02858
 Alt Location: Not reported

86 HOSE-MCCANN TELEPHONE CO., INC. FL BROWARD CO. HM S102632014
1241 W NEWPORT CENTER DR N/A
DEERFIELD BEACH, FL 33442

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 02762
 Alt Location: Not reported

87 DRY CLEAN USA RCRA NonGen / NLR 1000107486
1379 S MILITARY TRL FINDS FLD981031214
DEERFIELD BEACH, FL 33442
FL Broward Co. EDIEAR
FL PRIORITYCLEANERS
ECHO
FL RESP PARTY

RCRA NonGen / NLR:
 Date form received by agency: 09/15/1998
 Facility name: DRY CLEAN USA

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DRY CLEAN USA (Continued)

1000107486

Facility address: 1379 S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7634
 EPA ID: FLD981031214
 Mailing address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7634
 Contact: JAE H LEE
 Contact address: S MILITARY TRL
 DEERFIELD BEACH, FL 33442-7634
 Contact country: US
 Contact telephone: 954-426-8573
 Contact email: Not reported
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: LUIS CORREA
 Owner/operator address: 1379 S MILITARY TRL
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Owner/operator name: CORREA LUIS
 Owner/operator address: 1379 S MILITARY TRL
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/18/1996
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

DRY CLEAN USA (Continued)

1000107486

Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002544658

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Broward Co. EDIAR:

Facility ID: 3544
 Facility Department: 069500804
 Program Type: DRY-CLEAN
 Facility Type: DRY CLEANER
 Pollutant Type: CHLORINATED
 Lead Agency: DEP

PRIORITYCLEANERS:

Rank: Issued Site Rehabilitation Completion Order
 Facility ID: 9500804
 Score: 130
 Voluntary Cleanup: Not reported

ECHO:

Envid: 1000107486
 Registry ID: 110002544658
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002544658>

RESP PARTY:

District: Southeast District
 Site Id: 51612
 Project Id: 102195
 Site Status: CLOSED
 Project Manager: SMITH_LA
 OGC Case Number: Not reported
 Initial Date Received: 10/28/1996
 Contaminants: Not reported
 Offsite Cont Impact: Not reported
 Priority Score: Not reported
 Datum: HARN

MAP FINDINGS

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

DRY CLEAN USA (Continued)

1000107486

Method ID:	UNKN
Feature:	Not reported
Object Of Interest:	CAP_RAP SITE
Proximity To Object:	APPRX
Collect Username:	STONE_H
Collect Affiliation:	DEPARTMENT OF ENVIRONMENTAL PROTECTION
Collect Program Id:	CL
Collect Date:	12/27/2005
Map Series Used:	1999 doqs
Map Source Scale:	4535
Interpolation Scale:	Not reported
Coordinate Accuracy Id:	3
Verify Method Id:	DPHO
Verifier Username:	STONE_H
Verifier Affiliation:	DEPARTMENT OF ENVIRONMENTAL PROTECTION
Verifying Program Id:	CL
Verification Date:	12/27/2005
Decode for District:	Southeast District
Decode for Datum:	High Accuracy Reference Network
Decode for Method:	Unknown Method
Decode for Off Site COC:	Not reported
Decode for V_Method:	Digital Aerial Photography With Ground Control
Latitude/Longitude (deg/min/sec):	26 18 3.12020000 / 80 8 7.51039999

88	CITY OF DEERFIELD BEACH MITIGATION OPERATION CTR. 1441 SW 11TH WAY DEERFIELD BEACH, FL 33441	FL BROWARD CO. HM	S108515000 N/A
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BROWARD CO. HM:

Region:	BROWARD
Facility ID:	10667
Alt Location:	Not reported

88	CITY OF DEERFIELD BEACH MITIGATION OPERATION CTR. 1441 SW 11TH WAY DEERFIELD BEACH, FL 33441	FL UST	U004106617 N/A
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Broward Co. UST:

DEP Site Id:	069808466
Facility ID:	10667
Storage Tank #:	10667-01
Tank Construction:	E. Fiberglass
Tank Size:	10000
Tank Type:	Underground
Tank Status:	U. In-Service
Tank Contents:	G. Diesel; Emergency Generator
Install Date:	11/14/2006
Alt Location:	Not reported

Storage Tank #:	10667-02
Tank Construction:	E. Fiberglass
Tank Size:	10000
Tank Type:	Underground
Tank Status:	U. In-Service

MAP FINDINGS

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

CITY OF DEERFIELD BEACH MITIGATION OPERATION CTR. (Continued)

U004106617

Tank Contents: D. Vehicular Diesel
 Install Date: 11/14/2006
 Alt Location: Not reported

89	IMAGING INTERNATIONAL, INC. 1407 W NEWPORT CENTER DR DEERFIELD BEACH, FL 33442	FL BROWARD CO. HM	1006319331 N/A
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BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 04849
 Alt Location: Not reported

89	IMAGING INTERNATIONAL INC 1407 W NEWPORT CENTER DR DEERFIELD BEACH, FL 33442	RCRA NonGen / NLR	1005442016 FINDS ECHO FLR000074138
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RCRA NonGen / NLR:
 Date form received by agency: 01/09/2012
 Facility name: IMAGING INTERNATIONAL INC
 Facility address: 1407 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7709
 EPA ID: FLR000074138
 Mailing address: W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7709
 Contact: RICHARD WILLIAMS
 Contact address: W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7709
 Contact country: US
 Contact telephone: 954-725-5855
 Contact email: Not reported
 EPA Region: 04
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
 Owner/operator name: JEFFREY RANDAZZO
 Owner/operator address: 1407 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 03/14/2001
 Owner/Op end date: Not reported

Handler Activities Summary:
 U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

IMAGING INTERNATIONAL INC (Continued)

1005442016

Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 12/28/2011
 Site name: IMAGING INTERNATIONAL INC
 Classification: Not a generator, verified

Date form received by agency: 03/14/2001
 Site name: IMAGING INTERNATIONAL INC
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110012585096

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1005442016
 Registry ID: 110012585096
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012585096>

MAP FINDINGS

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

90	1300 NEWPORT CENTER DRIVE, LLC - VACANT BLDG 1300 E NEWPORT CENTER DR DEERFIELD BEACH, FL 33442	FL AST FL BROWARD CO. HM	S107676397 N/A
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BROWARD CO AST:

Facility ID:	03696
Storage Tank ID:	03696-01
Tank Status:	U. In-Service
Installation Date:	05/02/2014
Tank Size:	1000
DEP Site ID:	069812216
Tank Construction:	C. Steel
Tank Content:	G. Diesel; Emergency Generator
Location:	Above ground
Alternate Location:	E NEWPORT DR

BROWARD CO. HM:

Region:	BROWARD
Facility ID:	03696
Alt Location:	E NEWPORT DR

90	1300 NEWPORT CENTER DR LLC 1300 E NEWPORT CTR DR DEERFIELD BEACH, FL 33442	FL AST	A100351066 N/A
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AST:

Facility ID:	9812216
Facility Status:	OPEN
Type Description:	Fuel user/Non-retail
Facility Phone:	(561) 702-3795
DEP Contractor Own:	P
Region:	STATE
Positioning Method:	Not reported
Lat/Long (dms):	Not reported

Owner:

Owner Id:	72833
Owner Name:	1300 NEWPORT CENTER DR LLC
Owner Address:	1300 E NEWPORT CENTER DR
Owner Address 2:	Not reported
Owner City,St,Zip:	DEERFIELD BEACH, FL 33442
Owner Contact:	ERIC NUR
Owner Phone:	(561) 702-3795

Tank Id:	1
Status:	In service
Status Date:	01-JUN-2006
Install Date:	01-JUN-2006
Substance:	Diesel-emergen generator
Content Description:	Emerg Generator Diesel
Gallons:	1000
Tank Location:	ABOVEGROUND

Construction:

Tank Id:	1
Construction Category:	Secondary Containment
Construction Description:	Double wall

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

1300 NEWPORT CENTER DR LLC (Continued)

A100351066

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

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

Monitoring:
 Tank ID: 1
 Monitoring Description: Automatic tank gauging - USTs

Tank ID: 1
 Monitoring Description: Visual inspection of ASTs

Tank ID: 1
 Monitoring Description: Monitor dbl wall tank space

Piping:
 Tank ID: 1
 Piping Category: Primary Construction
 Piping Description: Approved synthetic material

Tank ID: 1
 Piping Category: Secondary Containment
 Piping Description: Double wall

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Suction piping system

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Abv, no soil contact

Click here for Florida Oculus:

90

**QUEST DIAGNOSTICS INC
 1300 E NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442**

**RCRA NonGen / NLR 1001487118
 FINDS FLR000056135
 ECHO**

RCRA NonGen / NLR:
 Date form received by agency: 06/03/2013
 Facility name: QUEST DIAGNOSTICS INC
 Facility address: 1300 E NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7727
 EPA ID: FLR000056135
 Mailing address: E NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7727
 Contact: PATRICIA P MILLER
 Contact address: E FOWLER AVE
 TAMPA, FL 33617-2026
 Contact country: US
 Contact telephone: 813-972-8219
 Contact email: PAT.X.MILLER@QUESTDIAGNOSTICS.COM
 EPA Region: 04

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 Database(s) EPA ID Number

QUEST DIAGNOSTICS INC (Continued)

1001487118

Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 12/21/2012
 Site name: QUEST DIAGNOSTICS INC
 Classification: Not a generator, verified

Date form received by agency: 04/04/2012
 Site name: QUEST DIAGNOSTICS
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/29/2012
 Site name: QUEST DIAGNOSTICS INC
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D004
 . Waste name: ARSENIC

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

QUEST DIAGNOSTICS INC (Continued)

1001487118

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 04/09/2010

Site name: QUEST DIAGNOSTICS
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 05/07/2009

Site name: QUEST DIAGNOSTICS INC
 Classification: Small Quantity Generator

. Waste code: D004
 . Waste name: ARSENIC

. Waste code: F003
 . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110005656192

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUEST DIAGNOSTICS INC (Continued)

1001487118

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001487118
 Registry ID: 110005656192
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005656192>

91

**PEOPLES TRUST INSURANCE COMPANY
 1501 SW 11TH WAY
 DEERFIELD BEACH, FL 33441**

**FL AST A100389226
 N/A**

AST:

Facility ID: 9814274
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (088) 524-6003
 DEP Contractor Own: C
 Region: STATE
 Positioning Method: Not reported
 Lat/Long (dms): Not reported

Owner:

Owner Id: 70197
 Owner Name: DEERFIELD TRUST LLC
 Owner Address: 1501 SW 11TH WAY
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD, FL 33441
 Owner Contact: ADAM HASNER
 Owner Phone: (888) 524-6003

Tank Id: 1
 Status: In service
 Status Date: 01-JUL-2014
 Install Date: 01-JUL-2014
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 2500
 Tank Location: ABOVEGROUND

Construction:

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PEOPLES TRUST INSURANCE COMPANY (Continued)

A100389226

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall

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

Tank Id: 1
 Construction Category: Overfill/Spill
 Construction Description: Level gauges/alarms

Monitoring:
 Tank ID: 1
 Monitoring Description: Visual inspection of ASTs

Tank ID: 1
 Monitoring Description: Monitor tank bottom space

Piping:
 Tank ID: 1
 Piping Category: Primary Construction
 Piping Description: Steel/galvanized metal

Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Suction piping system

Click here for Florida Oculus:

BROWARD CO AST:
 Facility ID: 15949
 Storage Tank ID: 15949-01
 Tank Status: U. In-Service
 Installation Date: 08/07/2014
 Tank Size: 2500
 DEP Site ID: 069814274
 Tank Construction: C. Steel
 Tank Content: G. Diesel; Emergency Generator
 Location: Above ground
 Alternate Location: 18 Peoples Trust Way

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**PEOPLES TRUST INSURANCE COMPANY
 1501 SW 11TH WAY
 DEERFIELD BEACH, FL 33441**

**FL BROWARD CO. HM S11655935
 N/A**

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 15949
 Alt Location: 18 Peoples Trust Way

MAP FINDINGS

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

92 PRAXIS OF DEERFIELD BEACH FL BROWARD CO. HM S107676308
1450 SW 11TH WAY N/A
DEERFIELD BEACH, FL 33441

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 06308
 Alt Location: also 1111 SW 15th Street

93 JP MORGAN CHASE FL AST S101239018
1400 E NEWPORT CENTER DR FL BROWARD CO. HM N/A
DEERFIELD BEACH, FL 33442 FL TIER 2

BROWARD CO AST:
 Facility ID: 02635
 Storage Tank ID: 02635-01
 Tank Status: U. In-Service
 Installation Date: 10/27/2015
 Tank Size: 800
 DEP Site ID: 069814250
 Tank Construction: C. Steel
 Tank Content: G. Diesel; Emergency Generator
 Location: Above ground
 Alternate Location: Not reported

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 02635
 Alt Location: Not reported

TIER 2:
 Year: 2016
 Facility Id: 5811968
 Active Date: Not reported
 Inactive Date: Not reported
 Sale Pending: Not reported
 Original Date: Not reported
 PLOT Source: Not reported
 Latitude: Not reported
 Longitude: Not reported
 LEPC District: Not reported
 Counties: Not reported
 SERC: Not reported
 Program Level: Not reported
 PRIME: Not reported
 SIC Code: 6021
 SIC Code 2: Not reported
 NAICS Code: 522110
 Last Modified Date: 02/01/2017
 First Submit Date: 02/01/2017
 Data Submitted By: Elizabeth Seltzer
 Company Name: JP Morgan Chase Bank, NA
 Comments: Not reported

Contact:
 Contact ID: Not reported
 Year: 2016

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JP MORGAN CHASE (Continued)

S101239018

Facility Id: 5811968
 Contact Type: Emergency Contact
 Contact Name: Ricardo Collado
 Contact Title: Not reported
 Contact Phone: 813-373-8510
 Contact 24Hr Phone: Not reported
 Contact Telephone 2: 813-373-8510
 Contact Telephone 3: 561-289-7121
 Contact Telephone 4: 561-289-7121
 Contact Telephone 5: 561-289-7121
 Contact Telephone 6: 561-289-7121
 Contact Email: ricardo.collado@chase.com

Year: 2015
 Facility Id: 5383842
 Active Date: Not reported
 Inactive Date: Not reported
 Sale Pending: Not reported
 Original Date: Not reported
 PLOT Source: Not reported
 Latitude: 26.298
 Longitude: -80.1241
 LEPC District: Not reported
 Counties: Not reported
 SERC: Not reported
 Program Level: Not reported
 PRIME: Not reported
 SIC Code: 6021
 SIC Code 2: Not reported
 NAICS Code: 522110
 Last Modified Date: 02/12/2016
 First Submit Date: 02/08/2016
 Data Submitted By: Elizabeth Seltzer
 Company Name: JP Morgan Chase Bank, NA
 Comments: Not reported

Contact:
 Contact ID: Not reported
 Year: 2015
 Facility Id: 5383842
 Contact Type: Emergency Contact
 Contact Name: Jerry Wolner
 Contact Title: Not reported
 Contact Phone: 561-289-7121
 Contact 24Hr Phone: Not reported
 Contact Telephone 2: 561-289-7121
 Contact Telephone 3: 561-289-7121
 Contact Telephone 4: 561-289-7121
 Contact Telephone 5: 561-289-7121
 Contact Telephone 6: 561-289-7121
 Contact Email: gerald.wolner@jpmchase.com

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JP MORGAN CHASE (Continued)

S101239018

Year: 2014
 Facility Id: 5004700
 Active Date: Not reported
 Inactive Date: Not reported
 Sale Pending: Not reported
 Original Date: Not reported
 PLOT Source: Not reported
 Latitude: 26.298
 Longitude: -80.1241
 LEPC District: Not reported
 Counties: Not reported
 SERC: Not reported
 Program Level: Not reported
 PRIME: Not reported
 SIC Code: 6021
 SIC Code 2: Not reported
 NAICS Code: 52211
 Last Modified Date: 07/07/2015
 First Submit Date: 02/12/2015
 Data Submitted By: Vanessa DeVillez
 Company Name: JP Morgan Chase Bank, National Association
 Comments: Not reported

Contact:
 Contact ID: Not reported
 Year: 2014
 Facility Id: 5004700
 Contact Type: Emergency Contact
 Contact Name: Henry Drummond
 Contact Title: Not reported
 Contact Phone: 561-613-3530
 Contact 24Hr Phone: Not reported
 Contact Telephone 2: 561-613-3530
 Contact Telephone 3: Not reported
 Contact Telephone 4: Not reported
 Contact Telephone 5: Not reported
 Contact Telephone 6: Not reported
 Contact Email: hendry.drummond@jpmchase.com

94

**OXYGEN DEVELOPMENT LLC
 1441 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442**

**RCRA-CESQG 1010315115
 FLR000129429**

RCRA-CESQG:
 Date form received by agency: 06/12/2006
 Facility name: OXYGEN DEVELOPMENT LLC
 Facility address: 1441 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7709
 EPA ID: FLR000129429
 Mailing address: W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7709
 Contact: RICHARD CRESTFIELD
 Contact address: W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442-7709
 Contact country: US

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

OXYGEN DEVELOPMENT LLC (Continued)

1010315115

Contact telephone: 954-480-2675
 Telephone ext.: 2232
 Contact email: RC@OXYGENDEVELOPMENT.COM
 EPA Region: 04
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: OXYGEN DEVELOPMENT LLC
 Owner/operator address: 1441 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442

Owner/operator country: US
 Owner/operator telephone: 954-480-2675
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 06/12/2006
 Owner/Op end date: Not reported

Owner/operator name: OXYGEN DEVELOPMENT LLC
 Owner/operator address: 1441 W NEWPORT CENTER DR
 DEERFIELD BEACH, FL 33442

Owner/operator country: US
 Owner/operator telephone: 954-480-2675
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 06/12/2006
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

OXYGEN DEVELOPMENT LLC (Continued)

1010315115

Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D002
 . Waste name: CORROSIVE WASTE

. Waste code: U154
 . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

Violation Status: No violations found

95 **C M GRAPHICS**
1432 E NEWPORT CENTER DR
DEERFIELD BEACH, FL 33442

FL BROWARD CO. HM S101692671
 N/A

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 07402
 Alt Location: Not reported

96 **NEW CINGULAR WIRELESS #26360**
1345 SW 11TH WAY
DEERFIELD BEACH, FL 33441

FL BROWARD CO. HM S107675913
 N/A

BROWARD CO. HM:
 Region: BROWARD
 Facility ID: 07331
 Alt Location: Not reported

96 **MITIGATION OPERATION CTR**
1345 SW 11TH WAY
DEERFIELD BEACH, FL 33441

FL UST U004146602
 FL NPDES N/A

UST:
 Facility Id: 9808466
 Facility Status: OPEN
 Type Description: Fuel user/Non-retail
 Facility Phone: (954) 480-4315
 Region: STATE
 Positioning Method: Not reported
 Lat/Long (dms): Not reported

Owner:
 Owner Id: 5535
 Owner Name: DEERFIELD BCH CITY
 Owner Address: 401 SW 4TH ST
 Owner Address 2: Not reported
 Owner City,St,Zip: DEERFIELD BEACH, FL 33441

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MITIGATION OPERATION CTR (Continued)

U004146602

Owner Contact: FRANK CRISTIANO
 Owner Phone: (954) 691-7260

Tank Info:
 Tank Id: 1
 Status: In service
 Status Date: 01-NOV-2006
 Install Date: 01-NOV-2006
 Substance: Diesel-emergen generator
 Content Description: Emerg Generator Diesel
 Gallons: 10000
 Vessel Indicator: TANK
 Tank Location: UNDERGROUND
 DEP Contractor: P

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

Tank Id: 1
 Construction Category: Secondary Containment
 Construction Description: Double wall

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

Tank Id: 1
 Construction Category: Overfill/Spill
 Construction Description: Flow shut-Off

Tank Id: 1
 Construction Category: Overfill/Spill
 Construction Description: Level gauges/alarms

Monitoring:
 Tank ID: 1
 Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
 Monitoring Description: Site Suitability Plan exemption

Tank ID: 1
 Monitoring Description: Automatic tank gauging - USTs

Tank ID: 1
 Monitoring Description: Electronic monitor pipe sumps

Piping:
 Tank ID: 1
 Piping Category: Miscellaneous Attributes
 Piping Description: Suction piping system

Tank ID: 1
 Piping Category: Secondary Containment

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MITIGATION OPERATION CTR (Continued)

U004146602

Piping Description:	Double wall - pipe jacket
Tank ID:	1
Piping Category:	Primary Construction
Piping Description:	Steel/galvanized metal
Tank Id:	2
Status:	In service
Status Date:	01-NOV-2006
Install Date:	01-NOV-2006
Substance:	Vehicular diesel
Content Description:	Vehicular Diesel
Gallons:	10000
Vessel Indicator:	TANK
Tank Location:	UNDERGROUND
DEP Contractor:	P
Construction:	
Tank Id:	2
Construction Category:	Primary Construction
Construction Description:	Fiberglass
Tank Id:	2
Construction Category:	Secondary Containment
Construction Description:	Double wall
Tank Id:	2
Construction Category:	Overflow/Spill
Construction Description:	Spill containment bucket
Tank Id:	2
Construction Category:	Overflow/Spill
Construction Description:	Flow shut-Off
Tank Id:	2
Construction Category:	Overflow/Spill
Construction Description:	Level gauges/alarms
Monitoring:	
Tank ID:	2
Monitoring Description:	Site Suitability Plan exemption
Tank ID:	2
Monitoring Description:	Monitor dbl wall tank space
Tank ID:	2
Monitoring Description:	Automatic tank gauging - USTs
Tank ID:	2
Monitoring Description:	Electronic monitor pipe sumps
Piping:	
Tank ID:	2
Piping Category:	Primary Construction
Piping Description:	Steel/galvanized metal

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MITIGATION OPERATION CTR (Continued)

U004146602

Tank ID: 2
 Piping Category: Secondary Containment
 Piping Description: Double wall - pipe jacket

Tank ID: 2
 Piping Category: Miscellaneous Attributes
 Piping Description: Suction piping system

[Click here for Florida Oculus:](#)

WASTEWATER:

Facility ID: FLR10NJ72
 Facility Type: Construction Stormwater GP
 Status: Active - Existing, permitted facility/site for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place.

District Office: TLST
 NPDES Permitted Site: Not reported
 Environmental Interest: Not reported
 Owner Type: Private
 Permit Capacity: Not reported
 Party Name: Mark Hoffman, Chief Estimator
 Company Name: CSR Heavy Construction
 RP Address: 90 SE 3rd Ct
 RP Address 2: Not reported
 RP City,Stat,Zip: Deerfield Beach FL 33441-4702
 Telephone: 9544211264
 Email: Mark@CSRHeavy.com
 Issue Date: 11/21/2013
 Effective Date: 11/21/2013
 Expiration Date: 11/20/2018
 DOC Description: Generic Permit
 Latitude Degrees: 26
 Latitude Minutes: 17
 Latitude Seconds: 44.80
 Longitude Degrees: 80
 Longitude Minutes: 7
 Longitude Seconds: 15.22
 Treatment: Not reported
 Decode For Fstatus: Active

Count: 11 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BOCA RATON	1004685153	FLORIDA DEP DSCP D088 #509500712	21322-DC ST ANDREWS AVE	33433	RCRA NonGen / NLR
BOCA RATON	1012176905	KMART #3317	1401 W PLAMETTO PARK RD	33486	RCRA-CESQG
BOCA RATON	1023659383	SW 18TH STREET & MILITARY TRAIL	UNKNOWN	33433	FINDS, ECHO
DEERFIELD BEACH	S113899778	FITO DUROCHER	159 NW 1 ST #3	33441	FL SWF/LF
DEERFIELD BEACH	S109924779	VOLICO 2.0	500 NW 48TH ST	33064	FL BROWARD CO. HM
DEERFIELD BEACH	S113898918	CITY OF DEERFIELD BEACH	210 GOOSLBY BLVD	33442	FL SWF/LF
DEERFIELD/BOCA RATON	1014465905	FDOT DISTRICT IV	CSX RAILROAD OVER THE HILLSBOR	33486	RCRA-CESQG
LIGHTHOUSE POINT	S118742384	FLASH POINT MANAGEMENT, LLC	4260 NE 27TH AVE	33442	FL BROWARD CO. NOV
POMPANO BEACH	S115594790	INTERLINE BRANDS INC	3031 N. ANDREWS AVE.	33064	FL BROWARD CO. HM, FL TIER 2
POMPANO BEACH	S118742331	COMPLYRIGHT	3155 N ANDREWS AVE	33064	FL BROWARD CO. HM
POMPANO BEACH	S107673619	A & H AUTO REPAIR, INC.	412 S DIXIE HWY	33064	FL BROWARD CO. HM

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/21/2018
	Data Release Frequency: Quarterly

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2018
	Data Release Frequency: Quarterly

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2018
	Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/22/2017	Telephone: 202-564-6023
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/21/2018
	Data Release Frequency: Semi-Annually

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (404) 562-8651
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (404) 562-8651
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (404) 562-8651
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (404) 562-8651
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 11/13/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 11/13/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/18/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 01/19/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/22/2017
Date Data Arrived at EDR: 06/13/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 94

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/09/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 63

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 703-416-0223
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 03/09/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 02/23/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 01/22/2018
Number of Days to Update: 137	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: No Update Planned

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 03/02/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

US MINES: Mines Master Index File

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

Date of Government Version: 10/29/2017	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 11/28/2017	Telephone: 303-231-5959
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/02/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/23/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/22/2017
Number of Days to Update: 198	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/12/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2017	Telephone: 202-343-9775
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/04/2018
Number of Days to Update: 8	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/23/2017	Source: EPA
Date Data Arrived at EDR: 09/06/2017	Telephone: (404) 562-9900
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 02/23/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2017	Telephone: 202-564-8600
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

BRS: Biennial Reporting System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Biennially

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/26/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/20/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 53

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/13/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/25/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 24

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/27/2017
Date Data Arrived at EDR: 11/21/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 03/02/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/02/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/19/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/02/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/16/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/28/2018
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/09/2018
Number of Days to Update: 136	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 03/06/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Varies

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 01/05/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 03/09/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

STATE AND LOCAL RECORDS

SHWS: Florida's State-Funded Action Sites

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

Date of Government Version: 08/10/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 850-488-0190
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Semi-Annually

SWF/LF: Solid Waste Facility Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/17/2018
Date Data Arrived at EDR: 01/17/2018
Date Made Active in Reports: 02/26/2018
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: 850-922-7121
Last EDR Contact: 01/17/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Database Listing

A listing of Class I wells. Class I wells are used to inject hazardous waste, nonhazardous waste, or municipal waste below the lowermost USDW.

Date of Government Version: 01/23/2018
Date Data Arrived at EDR: 01/26/2018
Date Made Active in Reports: 02/28/2018
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: 850-245-8655
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

SWRCY: Recycling Centers

A listing of recycling centers located in the state of Florida.

Date of Government Version: 07/24/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 01/12/2015
Number of Days to Update: 82

Source: Department of Environmental Protection
Telephone: 850-245-8718
Last EDR Contact: 02/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

LUST: Petroleum Contamination Detail Report

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

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 02/27/2018
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

TANKS: Storage Tank Facility List

This listing includes storage tank facilities that do not have tank information. The tanks have either be closed or removed from the site, but the facilities were still registered at some point in history.

Date of Government Version: 01/10/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 02/26/2018
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 850-245-8841
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

UST: Storage Tank Facility Information

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

Date of Government Version: 01/10/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 02/26/2018
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Listing

The file for Leaking Aboveground Storage Tanks. Please remember STCM does not track the source of the discharge so the agency provides a list of facilities with an aboveground tank and an open discharge split by facilities with aboveground tanks only and facilities with aboveground and underground tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/29/2018
Date Data Arrived at EDR: 01/30/2018
Date Made Active in Reports: 02/27/2018
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 850-245-8799
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

AST: Storage Tank Facility Information
Registered Aboveground Storage Tanks.

Date of Government Version: 01/10/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 02/26/2018
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

FL SITES: Sites List

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

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

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

SPILLS: Oil and Hazardous Materials Incidents
Statewide oil and hazardous materials inland incidents.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/09/2018
Date Made Active in Reports: 01/22/2018
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 850-245-2010
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

ENG CONTROLS: Institutional Controls Registry

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

Date of Government Version: 12/27/2017
Date Data Arrived at EDR: 01/03/2018
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 01/03/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Semi-Annually

Inst Control: Institutional Controls Registry

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

Date of Government Version: 12/27/2017
Date Data Arrived at EDR: 01/03/2018
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 01/03/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VCP: Voluntary Cleanup Sites

Listing of closed and active voluntary cleanup sites.

Date of Government Version: 12/21/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/22/2017	Telephone: 850-245-8705
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 02/28/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Varies

PRIORITYCLEANERS: Priority Ranking List

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

Date of Government Version: 01/04/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/14/2018	Telephone: 850-245-8927
Date Made Active in Reports: 02/15/2018	Last EDR Contact: 02/14/2018
Number of Days to Update: 1	Next Scheduled EDR Contact: 05/28/2018
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Facilities

The Drycleaners database, maintained by the Department of Environmental Protection, provides information about permitted dry cleaner facilities.

Date of Government Version: 01/09/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/25/2018	Telephone: 850-245-8927
Date Made Active in Reports: 02/26/2018	Last EDR Contact: 01/25/2018
Number of Days to Update: 32	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

DEDB: Ethylene Dibromide Database Results

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

Date of Government Version: 01/19/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/24/2018	Telephone: 850-245-8335
Date Made Active in Reports: 02/26/2018	Last EDR Contact: 01/10/2018
Number of Days to Update: 33	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Varies

BROWNFIELDS AREAS: Brownfields Areas Database

A "brownfield area" means a contiguous area of one or more brownfield sites, some of which may not be contaminated, that has been designated as such by a local government resolution. Such areas may include all or portions of community redevelopment areas, enterprise zones, empowerment zones, other such designated economically deprived communities and areas, and Environmental Protection Agency (EPA) designated brownfield pilot projects. This layer provides a polygon representation of the boundaries of these designated Brownfield Areas in Florida.

Date of Government Version: 01/02/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/03/2018	Telephone: 850-245-8934
Date Made Active in Reports: 01/22/2018	Last EDR Contact: 01/03/2018
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Sites Database

Brownfields are defined by the Florida Department of Environmental Protection (FDEP) as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Date of Government Version: 12/11/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/03/2018	Telephone: 850-245-8927
Date Made Active in Reports: 01/22/2018	Last EDR Contact: 01/03/2018
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BSRA: Brownfield Site Rehabilitation Agreements Listing

The BSRA provides DEP and the public assurance that site rehabilitation will be conducted in accordance with Florida Statutes and DEP's Contaminated Site Cleanup Criteria rule. In addition, the BSRA provides limited liability protection for the voluntary responsible party. The BSRA contains various commitments by the voluntary responsible party, including milestones for completion of site rehabilitation tasks and submittal of technical reports and plans. It also contains a commitment by DEP to review technical reports according to an agreed upon schedule. Only those brownfield sites with an executed BSRA are eligible to apply for a voluntary cleanup tax credit incentive pursuant to Section 376.30781, Florida Statutes.

Date of Government Version: 08/02/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/03/2017	Telephone: 850-245-8934
Date Made Active in Reports: 11/21/2017	Last EDR Contact: 01/05/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Varies

WASTEWATER: Wastewater Facility Regulation Database

Domestic and industrial wastewater facilities.

Date of Government Version: 02/01/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/07/2018	Telephone: 850-245-8600
Date Made Active in Reports: 02/28/2018	Last EDR Contact: 02/07/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/21/2018
	Data Release Frequency: Quarterly

AIRS: Permitted Facilities Listing

A listing of Air Resources Management permits.

Date of Government Version: 01/29/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/30/2018	Telephone: 850-921-9558
Date Made Active in Reports: 02/26/2018	Last EDR Contact: 01/29/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Varies

FL Cattle Dip. Vats: Cattle Dipping Vats

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

Date of Government Version: 01/19/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/09/2018	Telephone: 850-245-4444
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 01/04/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: No Update Planned

TIER 2: Tier 2 Facility Listing

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

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/23/2017	Telephone: 850-413-9970
Date Made Active in Reports: 08/02/2017	Last EDR Contact: 03/07/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 10/23/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/24/2017	Telephone: 850-717-9086
Date Made Active in Reports: 11/21/2017	Last EDR Contact: 02/15/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CLEANUP SITES: DEP Cleanup Sites - Contamination Locator Map Listing

This listing includes the locations of waste cleanup sites from various programs. The source of the cleanup site data includes Hazardous Waste programs, Site Investigation Section, Compliance and Enforcement Tracking, Drycleaning State Funded Cleanup Program (possibly other state funded cleanup), Storage Tank Contamination Monitoring.

Date of Government Version: 11/27/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/27/2017	Telephone: 866-282-0787
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Quarterly

RESP PARTY: Responsible Party Sites Listing

Open, inactive and closed responsible party sites

Date of Government Version: 01/02/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/03/2018	Telephone: 850-245-8758
Date Made Active in Reports: 01/25/2018	Last EDR Contact: 01/03/2018
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

DWM CONTAM: DWM CONTAMINATED SITES

A listing of active or known sites. The listing includes sites that need cleanup but are not actively being working on because the agency currently does not have funding (primarily petroleum and drycleaning).

Date of Government Version: 09/30/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/31/2017	Telephone: 850-245-7503
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 01/04/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Varies

FF TANKS: Federal Facilities Listing

A listing of federal facilities with storage tanks.

Date of Government Version: 01/25/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/26/2018	Telephone: 850-245-8250
Date Made Active in Reports: 02/26/2018	Last EDR Contact: 01/04/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

SITE INV SITES: Site Investigation Section Sites Listing

Statewide coverage of Site Investigation Section (SIS) sites. Site Investigation is a Section within the Bureau of Waste Cleanup, Division of Waste Management. SIS provides technical support to FDEP District Waste Cleanup Programs and conducts contamination assessments throughout the state.

Date of Government Version: 11/20/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/20/2017	Telephone: 850-245-8953
Date Made Active in Reports: 12/21/2017	Last EDR Contact: 02/21/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/09/2018
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/26/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/25/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3372
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/26/2017	Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 134	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/02/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6137
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/13/2017	Source: EPA Region 9
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3368
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 07/27/2017	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/20/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGH HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

Date of Government Version: N/A	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

Date of Government Version: N/A	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALACHUA COUNTY:

Facility List

List of all regulated facilities in Alachua County.

Date of Government Version: 03/28/2017	Source: Alachua County Environmental Protection Department
Date Data Arrived at EDR: 03/29/2017	Telephone: 352-264-6800
Date Made Active in Reports: 05/15/2017	Last EDR Contact: 12/19/2017
Number of Days to Update: 47	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Annually

BROWARD COUNTY:

Aboveground Storage Tanks

Aboveground storage tank locations in Broward County.

Date of Government Version: 12/04/2017	Source: Broward County Environmental Protection Department
Date Data Arrived at EDR: 01/19/2018	Telephone: 954-818-7509
Date Made Active in Reports: 02/26/2018	Last EDR Contact: 02/22/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

Semi-Annual Inventory Report on Contaminated Locations

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

Date of Government Version: 11/27/2017	Source: Broward County Environmental Protection Department
Date Data Arrived at EDR: 11/27/2017	Telephone: 954-818-7509
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Sites

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

Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/26/2018
Number of Days to Update: 38

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Annually

Notice Of Violations Sites

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

Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/26/2018
Number of Days to Update: 38

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Annually

Underground Storage Tanks

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

Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/26/2018
Number of Days to Update: 38

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Varies

HILLSBOROUGH COUNTY:

Hillsborough County LF

Hillsborough county landfill sites.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/09/2018
Date Made Active in Reports: 01/22/2018
Number of Days to Update: 13

Source: Hillsborough County Environmental Protection Commission
Telephone: 813-627-2600
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

MIAMI-DADE COUNTY:

Air Permit Sites

Facilities that release or have a potential to release pollutants.

Date of Government Version: 11/27/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 52

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Semi-Annually

Liquid Waste Transporter List

The Liquid Waste Transporter permit regulates the transportation of various types of liquid and solid waste, including hazardous waste, waste oil and oily waste waters, septic and grease trap waste, biomedical waste, spent radiator fluid, photo chemical waste, dry sewage sludge, and other types of non-hazardous industrial waste. The Liquid Waste Transporter permits needed to protect the environment and the public from improperly handled and transported waste.

Date of Government Version: 11/27/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 52

Source: DERM
Telephone: 305-372-6755
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Grease Trap Sites

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

Date of Government Version: 11/27/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 52

Source: Dade County Dept. of Env. Resources Mgmt.
Telephone: 305-372-6508
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Semi-Annually

Marine Facilities Operating Permit

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

Date of Government Version: 11/27/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 52

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Quarterly

Miami River Enforcement

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

Date of Government Version: 06/05/2013
Date Data Arrived at EDR: 06/06/2013
Date Made Active in Reports: 08/06/2013
Number of Days to Update: 61

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Quarterly

Hazardous Waste Sites

Sites with the potential to generate waste

Date of Government Version: 11/27/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/22/2018
Number of Days to Update: 55

Source: Dade County Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Semi-Annually

Industrial Waste Type 2-4 Sites

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

Date of Government Version: 11/27/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 52

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Semi-Annually

Industrial Waste Type 5 Sites

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

Date of Government Version: 11/27/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 52

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Industrial Waste Type 6

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

Date of Government Version: 11/27/2017	Source: Department of Environmental Resources Management
Date Data Arrived at EDR: 11/28/2017	Telephone: 305-372-6700
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Semi-Annually

Industrial Waste Permit Sites

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

Date of Government Version: 11/27/2017	Source: Department of Environmental Resources Management
Date Data Arrived at EDR: 11/28/2017	Telephone: 305-372-6700
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Semi-Annually

Enforcement Case Tracking System Sites

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

Date of Government Version: 11/27/2017	Source: Department of Environmental Resources Management
Date Data Arrived at EDR: 11/28/2017	Telephone: 305-372-6755
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Semi-Annually

Fuel Spills Cases

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

Date of Government Version: 01/08/2009	Source: Department of Environmental Resources Management
Date Data Arrived at EDR: 01/13/2009	Telephone: 305-372-6755
Date Made Active in Reports: 02/05/2009	Last EDR Contact: 02/27/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Semi-Annually

Storage Tanks

A listing of aboveground and underground storage tank site locations.

Date of Government Version: 11/27/2017	Source: Department of Environmental Resource Management
Date Data Arrived at EDR: 11/28/2017	Telephone: 305-372-6700
Date Made Active in Reports: 01/23/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 56	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Semi-Annually

PALM BEACH COUNTY:

Palm Beach County LF

Palm Beach County Inventory of Solid Waste Sites.

Date of Government Version: 09/01/2011	Source: Palm Beach County Solid Waste Authority
Date Data Arrived at EDR: 09/20/2011	Telephone: 561-640-4000
Date Made Active in Reports: 10/10/2011	Last EDR Contact: 12/15/2017
Number of Days to Update: 20	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/11/2017	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/14/2017	Telephone: 860-424-3375
Date Made Active in Reports: 12/18/2017	Last EDR Contact: 02/14/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/28/2018
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017	Telephone: N/A
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 01/05/2018
Number of Days to Update: 107	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/31/2018	Telephone: 518-402-8651
Date Made Active in Reports: 03/09/2018	Last EDR Contact: 01/31/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/25/2017	Telephone: 717-783-8990
Date Made Active in Reports: 09/25/2017	Last EDR Contact: 01/16/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/30/2018
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013	Source: Department of Environmental Management
Date Data Arrived at EDR: 06/19/2015	Telephone: 401-222-2797
Date Made Active in Reports: 07/15/2015	Last EDR Contact: 02/21/2018
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 04/13/2017	Telephone: N/A
Date Made Active in Reports: 07/14/2017	Last EDR Contact: 03/08/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Department of Children & Families

Source: Provider Information
Telephone: 850-488-4900

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

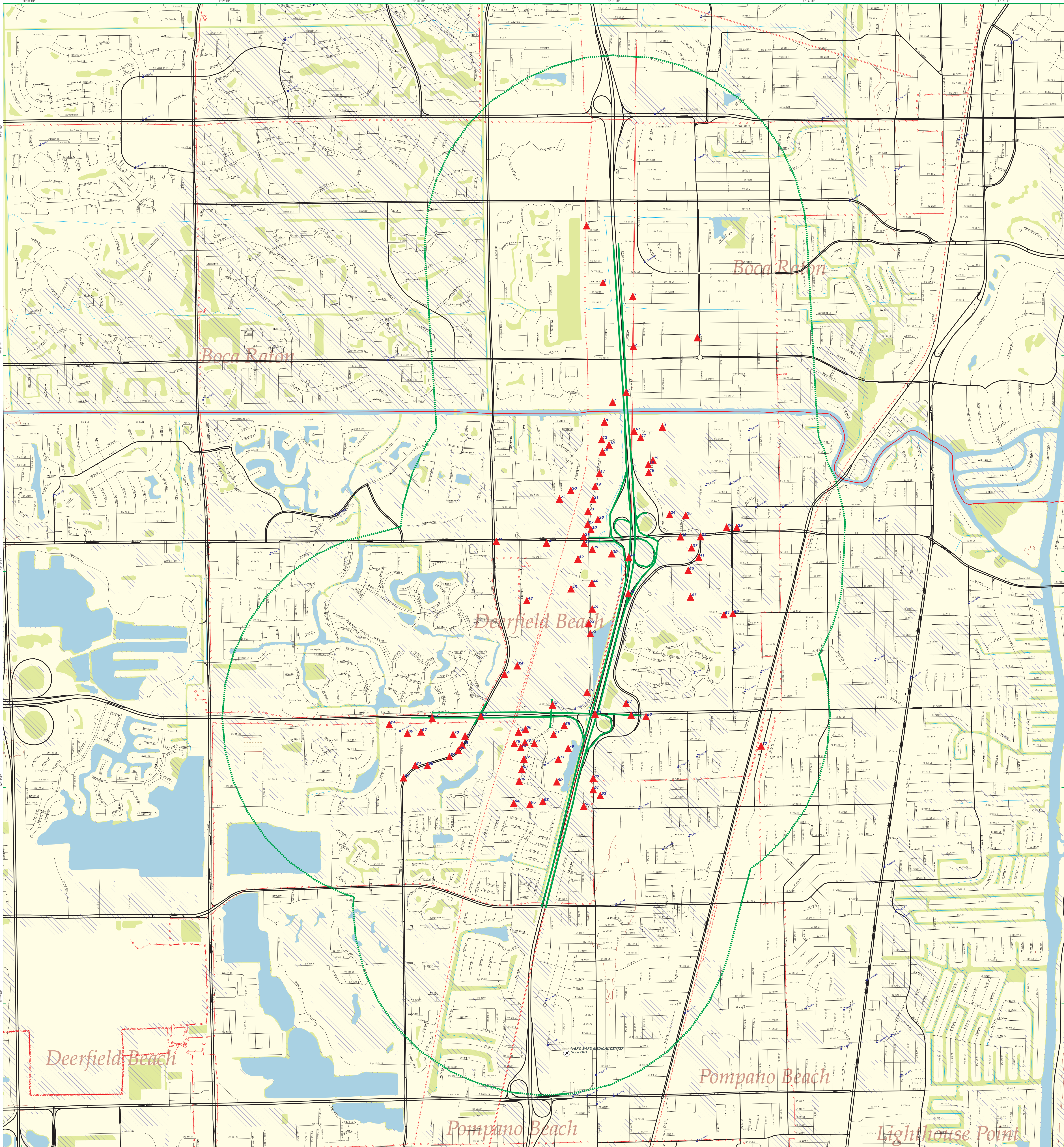
Source: Department of Environmental Protection
Telephone: 850-245-8238

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

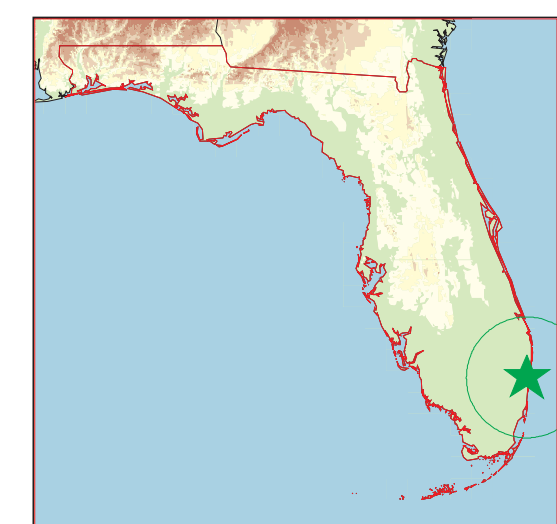
STREET AND ADDRESS INFORMATION

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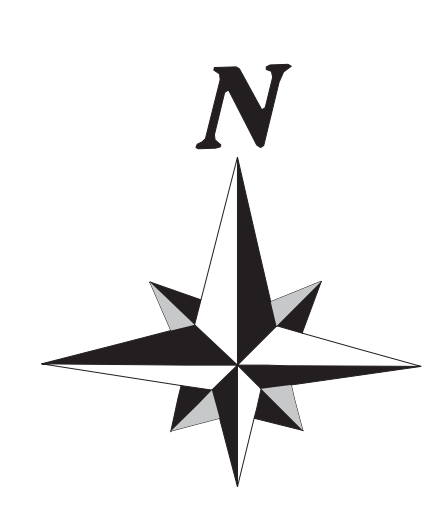
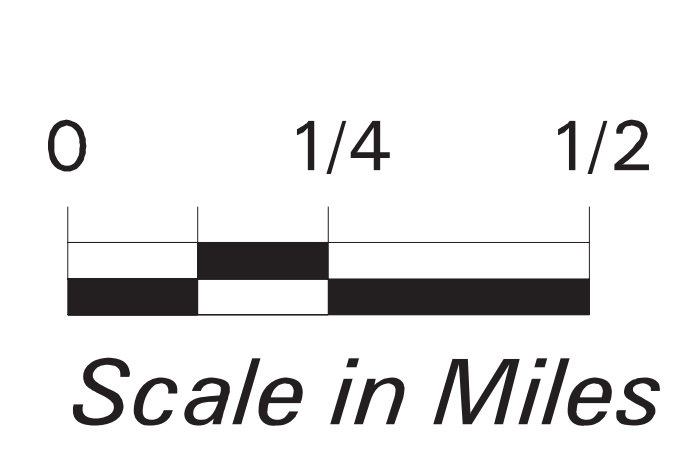
EDR DataMap® - Corridor Study

I-95/SW 10th St-Hillsboro



Deerfield Beach, FL

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



Appendix B

File Review Documents for Medium Sites

MEDIUM RISK SITE #1

Deerfield Shell

301 W Hillsboro Blvd.

Deerfield Beach FL 33441

Broward County

FDEP Facility ID: 8943503

2016 SEP 14 PM 3: 20



September 14, 2016

Mr. David Singleton, P.G.
Broward County
Environmental Protection and Growth Management Department
One North University Drive, Suite 203
Plantation, Florida 33324

**Subject: Groundwater Quality Status Report for Evaluation for Conditional Closure
First Coast Energy No. 1813
301 West Hillsboro Boulevard
Deerfield Beach, Broward County, Florida
FDEP Facility No. 06/8943503**

Dear Mr. Singleton:

Ecotech Environmental Services, Inc. (Ecotech), on behalf of First Coast Energy, LLP is pleased to submit this Groundwater Quality Status (Report) for evaluation if site could be eligible for a conditional closure to the Broward County Department of Environmental Protection and Growth Management (EPGMD). This report summarizes recent groundwater analytical results collected at the First Coast Energy (FCE) No. 1813 property (site) in Deerfield Beach, Florida. This Report was approved through EPGMD deliverable review letter dated July 1, 2016. A copy of the review letter correspondence is included in **Attachment A**. A site map is illustrated on **Figure 1**.

SITE DESCRIPTION

The site is located at 301 West Hillsboro Boulevard, Deerfield Beach, Broward County, Florida. The site is located at the northwest corner of the Hillsboro Boulevard and Northwest 3rd Avenue intersection. The site is currently developed as an active retail fueling station.

FORMER SYSTEM DESCRIPTION

The former system consisted of the following AS and SVE remediation equipment and were removed from the site on October 19, 2015:

- Sixteen AS wells (AS-1 through AS-16) each constructed to a depth of 27 feet below land surface (bls) with 2 feet of screen
- Ten vapor extraction wells (VEW-1 through VEW-10) each constructed to a depth of 12 feet bls with 9 feet of screen

- Three Becker KDT 3.100, 10-horsepower (hp), 230 volt, 3 phase, rotary vane compressors
- Three American Industrial Heat Transfer Inc., Model ACA-3182-3 heat exchangers
- Three Roots URAI 56, 10 hp, 230 volt, 3 phase, positive displacement blowers
- Two CarbonAir GPC 7R granular activated carbon (GAC) vessels filled with 500 pounds of GAC, plumbed in series, used for off-gas treatment of the eastern zone
- Two CarbonAir GPC 7R GAC vessels filled with 1,000 pounds of GAC, plumbed in series, used for off-gas treatment of the central zone

The system started on March 18, 2008 and operated until July 2013, when Post Active Remediation Monitoring (PARM) was recommended. PARM activities continued onsite between 2013 and 2016.

Based on the recent groundwater analytical results observed during the routine May 2016 quarterly Natural Attenuation Monitoring (NAM) groundwater monitoring event of MW-1, MW-2, and MW-20, the results indicated that concentrations in MW-1 and MW-2 remained above Natural Attenuation Default Concentrations (NADCs). Monitoring well MW-20 was below Groundwater Cleanup Target Levels (GCTLs).

During the PARM/NAM groundwater sampling events between 2013 and 2016, the groundwater concentrations in MW-1 and MW-2 had oscillated between above GCTLs and NADCs. Based on the duration of the PARM/NAM and consistent dissolved phase hydrocarbon concentrations continually observed in MW-1 and MW-2, Ecotech suggested pursuing a conditional closure for the subject facility. Broward County did not concur with Ecotech's recommendations in the MAY 2016 NAM report, and required additional groundwater assessment across the site from both the shallow and deep aquifer to verify that the impacts observed at MW-1 and MW-2 had not migrated to other parts/depths across the site.

This report was prepared to address the supplemental groundwater assessment completed onsite and evaluate if the site could be considered for a conditional closure.

GROUNDWATER SAMPLING ACTIVITIES

On August 24, 2016, groundwater samples were collected from twelve onsite monitoring wells (MW-3, MW-4, MW-6, MW-17, MW-18, MW-19, MW-21, MW-22I, MW-23I, MW-24I, MW-25I, and MW-26I). The groundwater samples were collected for benzene, toluene, ethylbenzene, total xylenes (collectively known as BTEX), methyl-tert-butyl ether (MTBE) via EPA Test Method 8260B.

Field activities were conducted in general accordance with FDEP Standard Operating Procedures (SOP) and industry accepted practices. Groundwater monitoring tasks were conducted in general accordance with the DEP-SOP-001/01 FS 2200 Groundwater Sampling Protocol. The depth-to-water measurements were gauged and the measurements were utilized to calculate the groundwater elevation and groundwater flow direction. The groundwater samples were placed

on ice in preparation for shipment to Pace Analytical Services Inc., of Pompano Beach, Florida (Certification No. E83079) for analysis.

The laboratory analytical results of the groundwater samples collected on August 24, 2016 indicated that dissolved phase hydrocarbon concentrations were below both BTEX/MTBE Natural Attenuation Default Concentrations (NADCs) and Groundwater Cleanup Target Levels (GCTLs).

The depth-to-water (DTW) measurements and calculated groundwater elevation information are summarized on **Table 1**. The Groundwater Contour Elevation Map, summarizing the elevation data obtained on August 24, 2016, is illustrated on **Figure 2** and appears to flow generally to the northwest. Groundwater analytical results are illustrated on **Figure 3**, and summarized on **Table 2**. Copies of the FDEP Groundwater Sampling Logs are included in **Attachment B**. The groundwater laboratory analytical report is provided in **Attachment C**.

CONCLUSIONS & RECCOMENDATIONS

Ecotech, on behalf of FCE, concludes the following based on the groundwater sampling data obtained from the August 24, 2016 sampling event:

- Shallow monitoring well MW-1 and MW-2 demonstrated dissolved phase hydrocarbon concentrations above NADCs during the May 2016 groundwater sampling event;
- Ecotech recommended pursuing a conditional closure for the subject site, however, additional groundwater data was requested from Broward County to determine if groundwater impacts were identified elsewhere or if impacts had migrated, either horizontally or at vertically deeper depth intervals from MW-1 and MW-2;
- Although the dissolved phase hydrocarbon concentrations in MW-1 and MW-2 have been historically above NADCs, they remain defined and isolated to MW-1 and MW-2;
- Additional vertical and horizontal delineation of groundwater onsite confirms that groundwater impacts are not observed at other parts of the site in either the shallow or deeper aquifer.
- The interpreted shallow interval groundwater flow direction is toward the northwest.
- Recent supplemental soil assessment confirms soil not a contributing source to observed groundwater contamination onsite.
- Ecotech on behalf of First Coast Energy, LLP, recommends pursuing a conditional closure for the subject site as the groundwater analytical data for the subject site meets the criteria for eligibility.

Should you have any questions, please contact either of the undersigned at (954) 973-7792.

Sincerely,

Ecotech Environmental Services, Inc.

Irene M. Donaldson
Project Manager

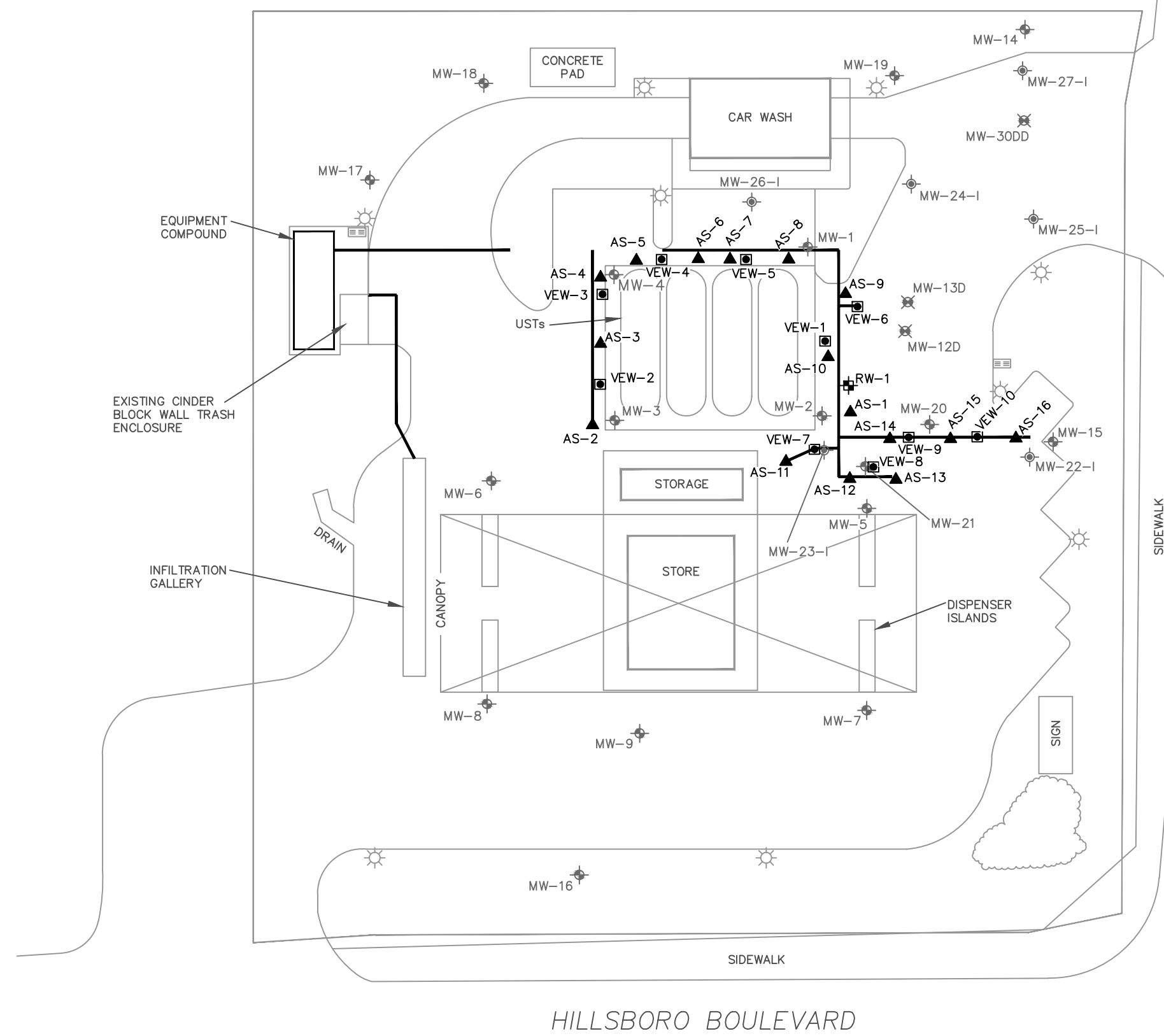
"I, Timothy L. Dehen, P.G. #1222, certify that I currently hold an active license in the state of Florida and I am competent through education or experience to provide the geologic service contained in this report. I further certify, that in my professional judgment, this report meets the requirements of Section 62-780,, and was prepared by me or under my responsible charge. Moreover, I certify that Ecotech Environmental Services, Inc. holds an active Geology Business License #689 to provide this geologic consulting service."



Timothy L. Dehen, P.G.
Florida License No. 1222

Date: 9/14/16

FIGURES



LEGEND

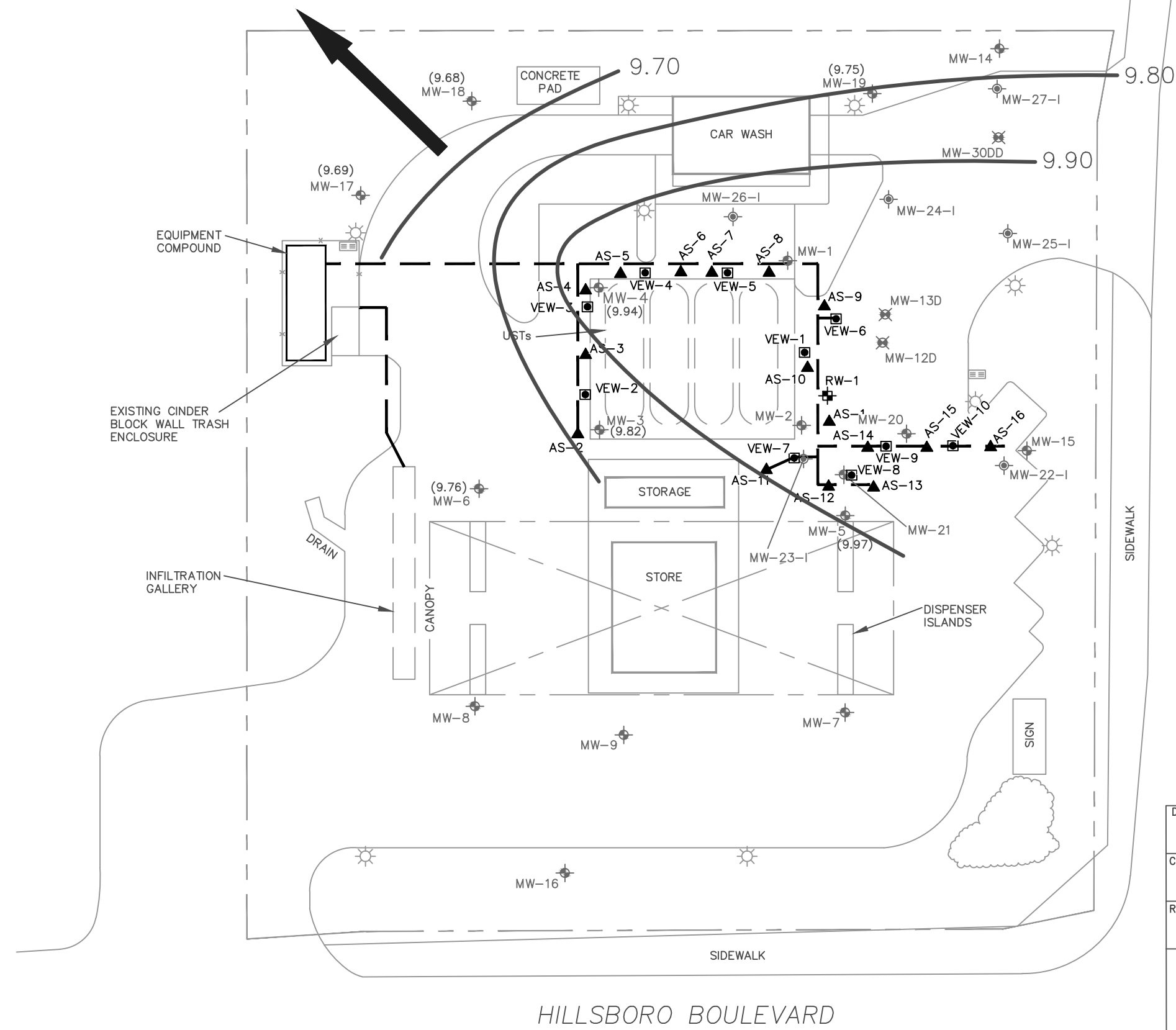
- SHALLOW MONITORING WELL LOCATION
- INTERMEDIATE MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- AIR SPARGE WELL
- SVE LATERAL WELL LOCATION
- RECOVERY WELL LOCATION (PILOT TEST)
- REMEDIATION TRENCH

NW MARTIN LUTHER KINE JR. AVENUE
(NW 3rd AVENUE)

HILLSBORO BOULEVARD

DRAFTED BY: CDA	SITE MAP		
CHECKED BY:	FCE #1813 301 WEST HILLSBORO BLVD DEERFIELD BEACH, BROWARD COUNTY, FLORIDA FDEP FAC. ID: 06/8943503		
REVIEWED BY:	Ecotech Environmental Services, Inc.		
NORTH 	SCALE IN FEET (APPROXIMATE) 	DATE 3/17/15	FIGURE 1

07/13 FIG1



LEGEND

- SHALLOW MONITORING WELL LOCATION
- INTERMEDIATE MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- AIR SPARGE WELL
- SVE LATERAL WELL LOCATION
- RECOVERY WELL LOCATION (PILOT TEST)
- REMEDIATION TRENCH
- (10.61) GROUNDWATER ELEVATION
- GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

NW MARTIN LUTHER KINE JR. AVENUE
(NW 3rd AVENUE)

DRAFTED BY: JA	GROUNDWATER CONTOUR MAP AUGUST 24, 2016	
CHECKED BY: IMD	FCE #1813 301 WEST HILLSBORO BLVD DEERFIELD BEACH, BROWARD COUNTY, FLORIDA FDEP FAC. ID: 06/8943503	
REVIEWED BY:	Ecotech Environmental Services, Inc.	
NORTH 	SCALE IN FEET (APPROXIMATE) 	DATE 9/6/16
		FIGURE 2

07/13 FIG1



MW-4	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-18	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-26-1	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-1	
5/27/16	
B	387
T	6.7
E	0.50 U
X	49.0
MTBE	5.3

MW-19	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-24-1	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-17	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-25-1	
8/24/16	
B	0.10 U
T	1.4
E	0.50 U
X	1.0 U
MTBE	0.88 U

MW-20	
5/27/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.5 U
MTBE	0.050 U

MW-22-1	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-21	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-3	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-6	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

MW-2	
5/27/16	
B	110
T	2.2
E	2.1
X	15.0
MTBE	0.064 I

MW-23-1	
8/24/16	
B	0.10 U
T	0.50 U
E	0.50 U
X	1.0 U
MTBE	0.50 U

LEGEND

- SHALLOW MONITORING WELL LOCATION
- INTERMEDIATE MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- AIR SPARGE WELL
- SVE LATERAL WELL LOCATION
- RECOVERY WELL LOCATION (PILOT TEST)
- REMIEDIATION TRENCH
- NADC
- GCTL

MW-##	WELL ID
M/D/Y	DATE
B	1
T	40
E	30
X	20
MTBE	20

NOTE:
SEE LABORATORY ANALYTICAL REPORT AND/OR TABLES FOR DEFINITION OF DATA QUALIFIERS.

DRAFTED BY: JA	GROUNDWATER ANALYTICAL MAP MAY 27, 2016 & AUGUST 24, 2016	
CHECKED BY: IMD	FCE #1813 301 WEST HILLSBORO BLVD DEERFIELD BEACH, BROWARD COUNTY, FLORIDA FDEP FAC. ID: 06/8943503	
REVIEWED BY:	Ecotech Environmental Services, Inc.	
NORTH	SCALE IN FEET (APPROXIMATE)	DATE
		9/6/16
		FIGURE
		3

07/13 FIG1

TABLES

TABLE 1: GROUNDWATER ELEVATION TABLE (No FP)

Facility Name: First Coast Energy 1813

Facility ID#: J68943503

All Measurements = Feet
No Data = Blank

WELL NO.	MW-1			MW-2			MW-3			MW-4			MW-5			MW-6		
DIAMETER	4			4			4			4			4			4		
WELL DEPTH	18.36			18.00			19.28			19.58			19.15			19.10		
SCREEN INTERVAL	8.36'	to	18.36'	8.00'	to	18.00'	9.28'	to	19.28'	9.58'	to	19.58'	9.15'	to	19.15'	9.10'	to	19.10'
TOC ELEVATION	18.75			18.87			18.97			18.73			19.09			19.16		
DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.
3/13/2008	9.58	9.17		9.56	9.31		9.59	9.38		9.85	8.88		9.56	9.53		9.48	9.68	
3/18/2008	9.67	9.08	0.09	9.68	9.19	0.12	9.67	9.30	0.08	9.70	9.03	-0.15	9.67	9.42	0.11	9.56	9.60	0.08
3/19/2008	9.77	8.98	0.10	9.78	9.09	0.10	9.76	9.21	0.09	9.74	8.99	0.04	9.74	9.35	0.07	9.61	9.55	0.05
3/20/2008	9.69	9.06	-0.08				9.69	9.28	-0.07	9.71	9.02	-0.03	9.68	9.41	-0.06	9.58	9.58	-0.03
3/21/2008	9.68	9.07	-0.01	9.67	9.20	9.67	9.68	9.29	-0.01	9.68	9.05	-0.03	9.68	9.41	0.00	9.57	9.59	-0.01
3/26/2008	10.13	8.62	0.45	10.12	8.75	0.45	10.11	8.86	0.43	10.12	8.61	0.44	10.59	8.50	0.91	9.97	9.19	0.40
3/31/2008	10.19	8.56	0.06	10.17	8.70	0.05	10.17	8.80	0.06	10.23	8.50	0.11	10.16	8.93	-0.43	10.05	9.11	0.08
4/9/2008	10.90	7.85	0.71	10.85	8.02	0.68	10.82	8.15	0.65	11.40	7.33	1.17	10.84	8.25	0.68	10.71	8.45	0.66
4/22/2008	10.59	8.16	-0.31	10.42	8.45	-0.43	10.42	8.55	0.40	10.96	7.77	-0.44	10.39	8.70	-0.45	10.31	8.85	-0.40
5/5/2008	10.24	8.51	-0.35	10.06	8.81	-0.36	10.03	8.94	0.39	11.65	7.08	0.69	10.05	9.04	-0.34	9.90	9.26	-0.41
5/20/2008	9.65	9.10	-0.59	9.56	9.31	-0.50	9.57	9.40	0.46	10.71	8.02	-0.94	9.57	9.52	-0.48	9.39	9.77	-0.51
6/2/2008	9.80	8.95	0.15	9.87	9.00	0.31	9.87	9.10	-0.30	10.05	8.68	-0.66	9.87	9.22	0.30	9.77	9.39	0.38
6/16/2008	9.44	9.31	-0.36	9.58	9.29	-0.29	10.02	8.95	-0.15	9.04	9.69	-1.01	9.52	9.57	-0.35	9.75	9.41	-0.02
7/6/2008	10.45	8.30	1.01	10.54	8.33	0.96	10.49	8.48	-0.47	10.36	8.37	1.32	10.56	8.53	1.04	10.32	8.84	0.57
7/18/2008	11.50	7.25	1.05	11.30	7.57	0.76	11.27	7.70	-0.78	11.60	7.13	1.24	11.32	7.77	0.76	11.18	7.98	0.86
8/6/2008	10.77	7.98	-0.73	10.66	8.21	-0.64	10.67	8.30	0.60	10.93	7.80	-0.67	10.66	8.43	-0.66	10.54	8.62	-0.64
8/21/2008	13.53	5.22	2.76	13.32	5.55	2.66	13.31	5.66	-2.64	13.75	4.98	2.82	13.32	5.77	2.66	13.21	5.95	2.67
9/3/2008	12.57	6.18	-0.96	12.02	6.85	-1.30	12.37	6.60	0.94	12.96	5.77	-0.79	12.40	6.69	-0.92	12.21	6.95	-1.00
9/8/2008	13.78	4.97	1.21	13.76	5.11	1.74	13.77	5.20	1.40	13.80	4.93	0.84	13.75	5.34	1.35	13.66	5.50	1.45
9/17/2008	13.55	5.20	-0.23	12.75	6.12	-1.01	12.56	6.41	-1.21	13.36	5.37	-0.44	12.62	6.47	-1.13	12.63	6.53	-1.03
10/1/2008	14.08	4.67	0.53	13.68	5.19	0.93	13.89	5.08	1.33	14.86	3.87	1.50	13.98	5.11	1.36	13.75	5.41	1.12
10/20/2008	12.74	6.01	-1.34	12.59	6.28	-1.09	12.59	6.38	-1.30	13.53	5.20	-1.33	12.68	6.41	-1.30	12.52	6.64	-1.23
11/5/2008	12.55	6.20	-0.19	12.23	6.64	-0.36	12.21	6.76	-0.38	12.70	6.03	-0.83	12.34	6.75	-0.34	12.09	7.07	-0.43
12/3/2008	11.24	7.51	-1.31	10.99	7.88	-1.24	10.98	7.99	-1.23	11.18	7.55	-1.52	10.98	8.11	-1.36	10.89	8.27	-1.20
12/9/2008	10.75	8.00	-0.49	10.75	8.12	-0.24	10.75	8.22	-0.23	10.80	7.93	-0.38	10.74	8.35	-0.24	10.63	8.53	-0.26
1/8/2009	10.07	8.68	-0.68	9.68	9.19	-1.07	9.69	9.28	-1.06	10.69	8.04	-0.11	9.67	9.42	-1.07	9.58	9.58	-1.05
1/15/2009													9.43	9.66	-0.24			
2/3/2009	9.14	9.61	-0.93	9.16	9.71	9.16	9.14	9.83	9.14	10.13	8.60	10.13	9.09	10.00	-0.34	9.03	10.13	9.03
3/3/2009	8.93	9.82	-0.21	8.59	10.28	-0.57	8.61	10.36	-0.53	8.69	10.04	-1.44	8.61	10.48	-0.48	8.48	10.68	-0.55
3/11/2009	8.60	10.15	-0.33	8.58	10.29	-0.01	18.97			8.63	10.10	-0.06	8.53	10.56	-0.08	8.46	10.70	-0.02
4/1/2009	11.20	7.55	2.60	10.86	8.01	2.28	10.68	8.29	-8.29	10.77	7.96	2.14	10.71	8.38	2.18	10.62	8.54	2.16
5/6/2009	9.45	9.30	-1.75	9.55	9.32	-1.31	9.44	9.53	-1.24	9.49	9.24	-1.28	9.45	9.64	-1.26	9.83	9.33	-0.79
6/3/2009	11.90	6.85	2.45	11.89	6.98	2.34	11.90	7.07	2.46	11.95	6.78	2.46	11.91	7.18	2.46	11.79	7.37	1.96
6/10/2009	11.96	6.79	0.06	11.98	6.89	0.09	11.99	6.98	0.09	12.03	6.70	0.08	11.99	7.10	0.08	11.87	7.29	0.08
7/1/2009	12.68	6.07	0.72	12.32	6.55	0.34	12.47	6.50	0.48	13.13	5.60	1.10	12.30	6.79	0.31	12.21	6.95	0.34
8/5/2009	11.50	7.25	-1.18	11.08	7.79	-1.24	11.07	7.90	-1.40	11.13	7.60	-2.00	11.10	7.99	-1.20	10.96	8.20	-1.25
9/2/2009	11.25	7.50	-0.25	10.68	8.19	-0.40	10.71	8.26	-0.36	10.85	7.88	-0.28	10.85	8.24	-0.25	10.66	8.50	-0.30
9/9/2009	11.49	7.26	0.24	11.49	7.38	0.81				11.51	7.22	0.66	11.45	7.64	0.60	11.39	7.77	0.73
4/18/2011	9.34	9.41	-2.15	9.34	9.53	-1.74	9.33	9.64	-1.74	9.38	9.35	-1.75	9.35	9.74	-1.75	9.19	9.97	-1.77
4/18/2011*	9.35	9.40	0.01	9.27	9.60	-0.07	9.37	9.60	0.04	9.42	9.31	0.04	9.17	9.92	-0.18	9.20	9.96	0.01
4/19/2011	18.75	9.14	9.40	18.87	9.55	9.60	9.37	9.60	0.00	18.73	9.31	9.31	19.09	9.81	9.92	19.16	9.98	9.96
4/20/2011	9.60	9.15	0.25	9.30	9.57	0.03	9.32	9.65	-0.05	9.36	9.37	-0.06	9.28	9.81	0.11	9.17	9.99	-0.03
6/24/2011	8.57	10.18	-1.03	8.55	10.32	-0.75	8.52	10.45	-0.80	8.59	10.14	-0.77	8.57	10.52	-0.71	8.38	10.78	-0.79
7/11/2011	9.72	9.03	1.15	9.39	9.48	0.84	9.39	9.58	0.87	9.45	9.28	0.86	9.38	9.71	0.81	9.24	9.92	0.86
8/12/2011	9.45	9.30	-0.27	9.30	9.57	3.80	9.32	9.65	-0.07	9.38	9.35	-0.07	9.31	9.78	-0.07	9.16	10.00	-0.08
8/15/2011	9.27	9.48	-0.45	9.29	9.58	-0.01	9.25	9.72	-0.14				9.28	9.81	-0.10	9.05	10.11	-0.19
9/9/2011	11.41	7.34	1.96	11.39	7.48	2.09	11.39	7.58	2.07	11.46	7.27	2.08	11.30	7.79	1.99	11.26	7.90	2.10
10/4/2011	11.40	7.35	-0.01	10.93	7.94	-0.46	10.92	8.05	-0.47	10.97	7.76	-0.49	10.94	8.15	-0.36	10.77	8.39	-0.49
11/4/2011	14.31	4.44	2.91	13.49	5.38	2.56	13.53	5.44	2.61	13.61	5.12	2.64	13.46	5.63	2.52	13.43	5.73	2.66
12/6/2011	11.72	7.03	-2.59	11.68	7.19	-1.81	11.67	7.30	-1.86	11.73	7.00	-1.88	11.73	7.36	-1.73	11.56	7.60	-1.87
12/8/2011	12.04	6.71	0.32	11.48	7.39	-0.20	11.47	7.50	-0.20	11.53	7.20	-0.20	11.48	7.61	-0.25	11.37	7.79	-0.19
1/4/2012	10.95	7.80	-1.09	10.67	8.20	-0.81	10.64	8.33	-0.83	10.69	8.04	-0.84	10.59	8.50	-0.89	10.48	8.68	-0.89
2/9/2012	11.02	7.73	-0.07	10.46	8.41	0.21	10.53	8.44	0.11	10.58	8.15	-0.11	10.37	8.72	-0.22	10.41	8.75	-0.07
2/15/2012	11.04	7.71	-0.02	10.57	8.30	-0.11	10.57	8.40	-0.04				10.55	8.54	0.18	10.44	8.72	0.03
3/7/2012	9.82	8.93	1.22	9.77	9.10	0.80	9.78	9.19	0.79	9.83	8.90	-0.75	9.74	9.35	-0.81	9.66	9.50	-0.78
4/4/2012	10.33	8.42	-0.51	9.95	8.92	-0.18	9.95	9.02	-0.17	10.00	8.73	0.17	9.89	9.20	0.15	9.81	9.35	0.15
5/2/2012	12.17	6.58	-1.84	11.79	7.08	-1.84	11.81	7.16	-1.86	11.86	6.87	1.86	11.75	7.34	1.86	11.70	7.46	1.89
5/3/2012	12.25	6.50	-0.08	11.76	7.11	0.03	11.88	7.09	-0.07				11.68	7.41	-0.07	12.37	6.79	0.67
6/28/2012	13.65	5.10	-1.40	13.20	5.67	-1.44	12.99	5.98	-1.11	13.04	5.69	-1.18	13.11	5.98	1.43	12.85	6.31	-0.48
7/26/2012	12.65	6.10	1.00	12.20	6.67	1.00	12.22	6.75	0.77	12.26	6.47	0.78	12.19	6.90	-0.92	12.07	7.09	0.78
8/1/2012	12.23	6.52	0.42	11.67	7.20	0.53	11.66	7.31	0.56				11.68	7.41	-0.51	11.54	7.62	0.53
8/6/2012	12.23	6.52	0.00	11.67	7.20	0.00	11.66	7.31	0.00				11.68	7.41	0.00	11.54	7.62	0.00
8/7/2012	11.80	6.95	0.43	11.74	7.13	-0.07	11.74	7.23	-0.08	11.79	6.94	0.47	11.71	7.38	0.03	11.63	7.53	-0.09
10/31/2012	12.0																	

TABLE 1: GROUNDWATER ELEVATION TABLE (No FP)

Facility Name: First Coast Energy 1813

Facility ID#: J68943503

All Measurements = Feet
No Data = Blank

WELL NO.	MW-7			MW-8			MW-9			MW-10			MW-11			MW-12D		
DIAMETER	4			4			4			4			4			4		
WELL DEPTH	13.13			14.45			21.92			22.84			15.62			40.00		
SCREEN INTERVAL	3.13' to 13.13'			4.45' to 14.45'			unknown			unknown			unknown			35.00' to 40.00'		
TOC ELEVATION	18.83			19.01			19.32			unknown			unknown			18.87		
DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.
3/13/2008	9.54	9.29		9.69	9.32		9.61	9.71								9.58	9.29	
3/18/2008																9.63	9.24	0.05
3/19/2008																9.65	9.22	0.02
3/20/2008																9.65	9.22	0.00
3/21/2008																9.65	9.22	0.00
3/26/2008																10.10	8.77	0.45
3/31/2008																10.12	8.75	0.02
4/9/2008																10.77	8.10	0.65
4/22/2008																10.41	8.46	-0.36
5/5/2008																10.06	8.81	-0.35
5/20/2008																9.36	9.51	-0.70
6/2/2008																9.82	9.05	0.46
6/16/2008																9.51	9.36	-0.31
7/6/2008																10.49	8.38	0.98
7/18/2008																11.25	7.62	0.76
8/6/2008																10.69	8.18	-0.56
8/21/2008																12.91	5.96	2.22
9/3/2008																12.46	6.41	-0.45
9/8/2008																13.75	5.12	1.29
9/17/2008																12.98	5.89	-0.77
10/1/2008																13.66	5.21	0.68
10/20/2008																13.80	5.07	0.14
11/5/2008																12.21	6.66	-1.59
12/3/2008																11.19	7.68	-1.02
12/9/2008																10.69	8.18	-0.50
1/8/2009																9.79	9.08	-0.90
1/15/2009	9.52	9.31																
2/3/2009																9.24	9.63	9.24
3/3/2009																8.72	10.15	-0.52
3/11/2009																8.58	10.29	-0.14
4/1/2009																10.45	8.42	1.87
5/6/2009																9.56	9.31	-0.89
6/3/2009																11.85	7.02	2.29
6/10/2009	12.03	6.80		12.06	6.95		12.03	7.29							11.97	6.90	0.12	
7/1/2009																12.24	6.63	0.27
8/5/2009																11.12	7.75	-1.12
9/2/2009																10.82	8.05	-0.30
9/9/2009																11.35	7.52	0.53
4/18/2011																9.35	9.52	-2.00
4/18/2011*																9.29	9.58	-0.06
4/20/2011																9.29	9.58	0.00
6/24/2011																8.56	10.31	-0.73
8/12/2011																9.32	9.55	0.76
8/15/2011	9.29	9.54	-2.74													9.25	9.62	0.69
9/9/2011																11.40	7.47	2.08
10/4/2011																10.87	8.00	-0.53
11/4/2011																13.49	5.38	2.62
12/6/2011	11.73	7.10	2.44	11.72	7.29	-0.34	11.72	7.60	-0.31						11.74	7.13	-1.75	
12/8/2011																11.47	7.40	-0.27
1/4/2012																10.62	8.25	-0.85
2/9/2012																10.48	8.39	-0.14
2/15/2012	10.62	8.21	1.11													10.53	8.34	0.05
3/7/2012																9.74	9.13	-0.79
4/4/2012																9.82	9.05	0.08
5/2/2012																11.75	7.12	1.93
5/3/2012	11.78	7.05	1.16													11.73	7.14	-0.02
6/28/2012																12.96	5.91	1.23
7/26/2012																12.16	6.71	-0.80
8/1/2012	11.70	7.13	0.08													11.72	7.15	-0.44
8/6/2012	11.70	7.13	0.00													11.72	7.15	0.00
8/7/2012																11.68	7.19	-0.04
10/31/2012																11.62	7.25	-0.06
11/7/2012	11.14	7.69	0.56	11.36	7.65	0.36	11.34	7.98	0.38						11.37	7.50	-0.25	
11/28/2012																10.87	8.00	-0.50
12/31/2012																10.17	8.70	-0.70
1/16/2013																9.50	9.37	-0.67
2/6/2013	9.23	9.60	-1.91													9.27	9.60	-0.23
2/14/2013																9.04	9.83	-0.23
4/12/2013	9.25	9.58	0.02													9.19	9.68	0.15
4/26/2013	9.93	8.90	0.68													9.87	9.00	0.68
5/29/2013	11.81	7.02	-1.88													11.50	7.37	-1.63
5/30/2013	12.00	6.83	-0.19													11.95	6.92	-0.45
8/20/2013	11.39	7.44	0.61															
11/21/2013	10.22	8.61	1.17															
3/11/2014	9.34	9.49	0.88															
6/12/2014	9.52	9.31	-0.18															

TABLE 1: GROUNDWATER ELEVATION TABLE (No FP)

Facility Name: First Coast Energy 1813

Facility ID#: J68943503

All Measurements = Feet
No Data = Blank

WELL NO.	MW-13D			MW-14			MW-15			MW-16			MW-17			MW-18		
DIAMETER	4			4			4			4			2			2		
WELL DEPTH	55.14			15.23			15.11			9.00			14.00			14.00		
SCREEN INTERVAL	50.14' to 55.14'			5.23' to 15.23'			5.11' to 15.11'			unknown			4.00' to 14.00'			4.00' to 14.00'		
TOC ELEVATION	18.87			18.41			19.05			unknown			18.95			18.93		
DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.
3/13/2008	9.57	9.30		9.51	8.90				dry		9.39		9.42	9.53		9.41	9.52	
3/18/2008							9.63	9.42										
3/19/2008							9.75	9.30	0.12									
3/20/2008							9.70	9.35	-0.05									
3/21/2008							9.75	9.30	0.05									
3/26/2008							10.17	8.88	0.42									
3/31/2008							10.14	8.91	-0.03									
4/9/2008							10.83	8.22	0.69									
4/22/2008							10.43	8.62	-0.40									
5/5/2008							10.07	8.98	-0.36									
5/20/2008							9.55	9.50	-0.52									
6/2/2008							9.87	9.18	0.32									
6/16/2008							9.54	9.51	-0.33									
7/6/2008							10.52	8.53	0.98									
7/18/2008							11.30	7.75	0.78									
8/6/2008							10.67	8.38	-0.63									
8/21/2008							13.30	5.75	2.63									
9/3/2008							12.44	6.61	-0.86									
9/8/2008	13.74	5.13	-4.17				13.78	5.27	1.34									
9/17/2008							13.02	6.03	-0.76									
10/1/2008							13.84	5.21	0.82									
10/20/2008							12.62	6.43	-1.22									
11/5/2008							12.25	6.80	-0.37									
12/3/2008							11.00	8.05	-1.25									
12/9/2008	10.69	8.18	3.05				10.73	8.32	-0.27									
1/8/2009							9.70	9.35	-1.03									
2/3/2009							9.15	9.90	-0.55									
3/3/2009							8.61	10.44	-0.54									
3/11/2009	8.56	10.31	2.13															
4/1/2009							10.73	8.32	10.73									
5/6/2009							9.47	9.58	-1.26									
6/3/2009							11.92	7.13	2.45									
6/10/2009	11.96	6.91	-3.40	11.91	6.50		11.99	7.06	0.07	6.92			11.79	7.16	-2.37	11.76	7.17	-2.35
7/1/2009							12.30	6.75	0.31									
8/5/2009							11.08	7.97	-1.22									
9/2/2009							10.80	8.25	-0.28									
9/9/2009	11.45	7.42	0.51															
4/18/2011							9.35	9.70	9.35									
4/18/2011*							9.34	9.71	-0.01									
4/20/2011							9.30	9.75	-0.04									
7/11/2011							9.40	9.65	0.10									
8/12/2011							9.30	9.75	-0.10									
9/9/2011							11.36	7.69	2.06									
10/4/2011							10.90	8.15	-0.46									
11/4/2011							13.50	5.55	2.60									
12/6/2011	11.66	7.21	-0.21	11.54	6.87	-0.37	11.69	7.36	-1.81	6.53			11.44	7.51	-0.35	11.43	7.50	-0.33
12/8/2011							11.49	7.56	-0.20									
1/4/2012							10.65	8.40	-0.84									
2/9/2012							10.47	8.58	-0.18									
2/15/2012																		
3/7/2012							9.75	9.30	-0.72									
4/4/2012							9.96	9.09	-0.21									
5/2/2012							11.77	7.28	-1.81									
5/3/2012																		
6/28/2012							12.93	6.12	-1.16									
7/26/2012							12.22	6.83	6.83									
8/1/2012																		
8/6/2012																		
8/7/2012							11.72	7.33	0.50									
10/31/2012							11.61	7.44	0.11									
11/7/2012	11.28	7.59	0.38	11.24	7.17	0.30	11.30	7.75	0.31	DRY			11.10	7.85	0.34	11.07	7.86	0.36
11/28/2012							10.88	8.17	0.42									
12/31/2012							9.95	9.10	0.93									
1/16/2013							9.52	9.53	0.43									
2/6/2013																		
2/14/2013							9.02	10.03	0.50									
4/12/2013																		
4/26/2013																		
5/29/2013																		
5/30/2013																		
8/24/2016													9.69	9.26		9.68	9.25	

TABLE 1: GROUNDWATER ELEVATION TABLE (No FP)

Facility Name: First Coast Energy 1813

Facility ID#: J68943503

All Measurements = Feet
No Data = Blank

WELL NO.	MW-19			MW-20			MW-21			MW-25I			MW-27I			MW-28D		
DIAMETER	2			2			2			2			2			1		
WELL DEPTH	14.00			15.00			15.00			39.20			39.85			55.00		
SCREEN INTERVAL	4.00' to 14.00'			5.00' to 15.00'			5.00' to 15.00'			34.20 - 39.20			34.85 - 39.85			50.00' to 55.00'		
TOC ELEVATION	19.35			18.57			19.16			18.03			18.56			18.16		
DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.
3/13/2008	9.41	9.94		9.53	9.04		9.56	9.60										
3/18/2008				9.66	8.91	0.13	9.68	9.48	0.12									
3/19/2008				9.76	8.81	0.10	9.76	9.40	0.08									
3/20/2008				9.90	8.67	0.14	9.79	9.37	0.03									
3/21/2008				9.80	8.77	-0.10	9.83	9.33	0.04									
3/26/2008				10.23	8.34	0.43	10.32	8.84	0.49									
3/31/2008				10.16	8.41	-0.07	10.19	8.97	-0.13									
4/9/2008				10.85	7.72	0.69	10.89	8.27	0.70									
4/22/2008				10.47	8.10	-0.38	10.51	8.65	-0.38									
5/5/2008				10.12	8.45	-0.35	10.11	9.05	-0.40									
5/20/2008				9.59	8.98	-0.53	9.61	9.55	-0.50									
6/2/2008				9.92	8.65	0.33	9.94	9.22	0.33									
6/16/2008				9.62	8.95	-0.30	9.63	9.53	-0.31									
7/6/2008				10.58	7.99	0.96	10.60	8.56	0.97									
7/18/2008				11.36	7.21	0.78	11.34	7.82	0.74									
8/6/2008				10.68	7.89	-0.68	10.72	8.44	-0.62									
8/21/2008				13.34	5.23	2.66	13.32	5.84	2.60									
9/3/2008				12.39	6.18	-0.95	12.36	6.80	-0.96									
9/8/2008				13.79	4.78	1.40	13.78	5.38	1.42									
9/17/2008				12.74	5.83	-1.05	12.65	6.51	-1.13									
10/1/2008				13.84	4.73	1.10	13.77	5.39	1.12									
10/20/2008				12.64	5.93	-1.20	12.63	6.53	-1.14									
11/5/2008				12.36	6.21	-0.28	12.34	6.82	-0.29									
12/3/2008				11.02	7.55	-1.34	11.03	8.13	-1.31									
12/9/2008				10.74	7.83	-0.28	10.75	8.41	-0.28									
1/8/2009	10.57	8.78	-1.16	9.70	8.87	-1.04	9.73	9.43	-1.02									
2/3/2009				9.12	9.45	-0.58	9.17	9.99	-0.56									
3/3/2009				8.62	9.95	-0.50	8.65	10.51	-0.52									
3/11/2009	8.46	10.89	2.11	8.58	9.99	-0.04	8.58	10.58	-0.07									
4/1/2009				10.75	7.82	2.17	10.80	8.36	2.22									
5/6/2009				9.46	9.11	-1.29	9.48	9.68	-1.32									
6/3/2009				11.90	6.67	2.44	11.93	7.23	2.45									
6/10/2009	11.81	7.54	-3.35	11.99	6.58	0.09	12.00	7.16	0.07									
7/1/2009				12.41	6.16	0.42	11.31	7.85	-0.69									
8/5/2009				11.07	7.50	-1.34	11.09	8.07	-0.22									
9/2/2009				10.79	7.78	-0.28	10.96	8.20	-0.13									
9/9/2009	11.37	7.98	0.44	11.48	7.09	0.69	11.48	7.68	0.52									
4/18/2011				9.35	9.22	-2.13	9.35	9.81	-2.13									
4/18/2011*				9.26	9.31	-0.09	9.25	9.91	-0.10									
4/19/2011				18.57	9.26	9.31	19.16	9.80	9.91									
4/20/2011				9.30	9.27	0.04	9.32	9.84	0.07									
6/24/2011				8.57	10.00	-0.73	8.55	10.61	-0.77									
7/11/2011				9.43	9.14	0.86	9.45	9.71	0.90									
8/12/2011				9.32	9.25	-0.11	9.35	9.81	-0.10									
8/15/2011							9.27	9.89	-0.18									
9/9/2011				11.47	7.10	2.15	11.41	7.75	2.06									
10/4/2011				11.09	7.48	-0.38	10.98	8.18	-0.43									
11/4/2011				13.44	5.13	2.35	13.45	5.71	2.47									
12/6/2011	11.49	7.86	0.12	11.68	6.89	-1.76	11.20	7.96	-2.25									
12/8/2011					**		11.51	7.65	0.31									
1/4/2012					**		10.68	8.48	-0.83									
2/9/2012				11.07	7.50	-0.61	10.53	8.63	0.15									
2/15/2012							10.62	8.54	-0.09									
3/7/2012				9.76	8.81	-1.31	9.79	9.37	0.83									
4/4/2012				10.17	8.40	-0.41	10.01	9.15	-0.22									
5/2/2012				11.84	6.73	-1.67	11.83	7.33	-1.82									
5/3/2012							11.81	7.35	0.02									
6/28/2012				13.27	5.30	-1.43	13.19	5.97	-1.38									
7/26/2012				12.23	6.34	6.34	12.22	6.94	0.97									
8/1/2012							11.70	7.46	0.52									
8/6/2012							11.70	7.46	0.00									
8/7/2012				11.74	6.83	0.49	11.76	7.40	-0.06									
10/31/2012				12.27	6.30	-0.53	11.70	7.46	0.06									
11/7/2012	11.13	8.22	0.36	11.30	7.27	0.97	11.32	7.84	0.38									
11/28/2012				10.89	7.68	0.41	10.91	8.25	0.41									
12/31/2012				8.97	9.60	1.92	10.01	9.15	0.90									
1/16/2013				8.45	10.12	0.52	9.62	9.54	0.39									
2/6/2013							9.28	9.88	0.34									
2/14/2013				7.82	10.75	0.63	9.03	10.13	0.25									
4/12/2013							9.31	9.85	-0.28									
4/26/2013							9.96	9.20	-0.65									
5/29/2013							11.85	7.31	-1.89									
5/30/2013							12.00	7.16	-0.15									
6/26/2013										11.92	6.11		11.81	6.75				
8/20/2013							11.38	7.78	0.62	11.37	6.66	0.55	11.61	6.95	0.20			
11/21/2013							10.23	8.93	1.15	10.29	7.74	1.08	10.27	8.29	1.34			
3/11/2014							9.65	9.51	0.58	8.51	9.52	1.78	9.06	9.50	1.21			
6/12/2014							9.54	9.62	0.11	9.44	8.59	-0.93	9.50	9.06	-0.44	9.44	8.72	0.00
9/9/2014				10.89	7.68	-3.07												
12/8/2014				10.36	8.21	0.53												
3/11/2015				9.14	9.43	1.22												
12/1/2015				10.59	7.98	-1.45												
5/27/2016				10.47	8.10	0.12												
8/24/2016	9.75	9.60	1.38				9.91	9.25	1.47	10.47	7.56	0.90						

* Readings collected following startup of the air sparge system.

** Unable to gauge due to bubbles in well

WELL NO.	MW-22 I			MW-23 I			MW-24 I			MW-26 I								
DIAMETER	2			2			2			2								
WELL DEPTH	39.37			39.30			39.20			39.92								
SCREEN INTERVAL	34-39			34-39			34-39			34-39								
TOC ELEVATION																		
DATE	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.	ELEV	DTW	Diff.
8/24/2016		9.00			9.51			9.61						8.76				

TABLE 2: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: First Coast Energy 1813 Facility ID#: 068943503

If Non-Detect Use ND (RL)
Not Sampled = NS
Analytical Results = ppb

Location	Screen Int.	Date	DTW	Analytical Results = ppb																			
				NADC CTL'S	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	NA NA	150 15	140 14	280 28	280 28	5 50	1400 14000					
				Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Dissolved Lead	Total Lead	Naptha-lene	Methyl nap, 1	Methyl nap, 2	TRPH (mg/L)	TBA						
MW-1 K	8.36' to 18.36'	3/13/2008	9.17	3,358	78.65	50.24	41.30	3528.19	92.71	NS	NS	NS	37.7	11.2	7.92	4.576	NS						
		6/2/2008	8.95	1,370	0.1601 U	0.1956 U	0.6946 U	1.370	0.2562 U	NS	NS	NS	0.045 I	0.051 U	0.075 I	0.001 U	NS						
		9/8/2008	4.97	0.2105 U	0.1601 U	0.1956 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.102	NS						
		MW-2 K	8.00' to 18.00'	3/13/2008	9.31	817.2	13.70	6.950	12.52	850.37	8.520	NS	NS	NS	18.7	10.1	20.3	0.294	NS				
				6/2/2008	9.00	1,190	5.020	12.11	11.070	1,218	19.75	NS	NS	NS	26.2	17.6	24.6	0.613	NS				
				9/8/2008	5.11	327.2	3.050	8.680	5.850	344.78	0.2562 U	NS	NS	NS	41.1	30.6	48.8	0.638	NS				
				MW-3	9.28' to 19.28'	3/13/2008	9.38	3.04	0.1601 U	0.1959 U	0.6946 U	3.04	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.001 U	NS		
						6/2/2008	9.10	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.028	0.051 U	0.054 U	0.001 U	NS		
						9/8/2008	5.20	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS		
						MW-4	9.58' to 19.58'	3/13/2008	8.88	16.69	2.690	0.1959 U	1.940	21.32	11.93	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.001 U	NS
								6/2/2008	8.68	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.001 U	NS
								9/8/2008	4.93	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS

TABLE 2: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: First Coast Energy 1813

Facility ID#: 068943503

If Non-Detect Use ND (RL)

Not Sampled = NS

Analytical Results = ppb

Location	Screen Int.	Date	DTW	NADC	100	400	300	200	NA	200	2	NA	150	140	280	280	5	1400
				CTL'S	1	40	30	20	NA	20	0.02	NA	15	14	28	28	50	14000
				Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Dissolved Lead	Total Lead	Napthalene	Methyl nap, 1	Methyl nap, 2	TRPH (mg/L)	TBA	
MW-5	9.15' to 19.15'	3/13/2008	9.53	10.67	0.1601 U	0.1959 U	2.130	12.80	6.520	NS	NS	NS	2.50	0.314	0.533	0.16	NS	
		6/2/2008	9.22	0.2105 U	0.1601 U	0.1959 U	0.6946 U	ND	0.2562 U	NS	NS	NS	0.032 I	0.051 U	0.060 I	0.001 U	NS	
		9/8/2008	5.34	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.050	0.051 U	0.054 U	0.401	NS	
		12/9/2008	8.35	1.090	143.8	710.6	3,816	4,671	0.2562 U	NS	NS	NS	45.3	3.48	39.3	3.54	NS	
		1/15/2009	9.66	0.2105 U	16.67	282.3	619.4	918.4	0.2562 U	NS	NS	NS	40.8	3.24	42.8	NS	NS	
		3/11/2009	10.56	0.2105 U	0.1601 U	1.086	0.6946 U	1.09	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.016 I	NS	
		6/10/2009	7.10	0.2105 U	0.1601 U	3.642	0.6946 U	3.642	0.2562 U	NS	NS	NS	0.810	0.051 U	0.388	0.02 I	NS	
		9/9/2009	7.64	0.211 U	1.01	40.5	37.54	79.05	0.261 U	NS	NS	NS	0.034 U	0.026 U	0.030 U	0.150 U	NS	
		12/29/2009	6.42	0.211 U	0.247 U	11.8	3.38	15.18	0.261 U	NS	NS	NS	1.690	0.292	0.624	NS	NS	
		3/23/2010	8.58	1.05 U	79.3	577	1817	2473.3	1.30 U	NS	NS	NS	13.5	3.13	4.70	NS	NS	
		4/5/2010	7.89	0.280 I	38.6	313	1057	1408.6	0.261 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/6/2010	8.09	0.249 U	106	446	1513	2065	0.460 U	NS	NS	NS	40.3	9.77	19.5	NS	NS	
		8/15/2011	9.81	0.249 U	5.08	293	230	528.08	0.460 U	NS	NS	NS	0.014 U	0.015 U	0.012 U	NS	NS	
		12/6/2011	7.36	0.500 U	7.23	173	528	708.23	0.500 U	NS	NS	NS	22.1	9.04 R1	15.6 R1	NS	5.00 U	
		2/15/2012	8.54	0.500 U	0.500 U	40.5	58	107.04	0.500 U	NS	NS	NS	3.75	0.472 U	1.96 R1	NS	5.00 U	
		5/3/2012	7.41	0.500 U	0.500 U	10	20.4	30.4	0.500 U	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		8/6/2012	7.41	0.200 U	0.527 I	31.4	29.1	61.027	0.120 U	NS	NS	NS	0.668 I	0.252 I	0.229 I	NS	3.90 U	
		11/7/2012	7.77	0.10 U	0.50 U	1.4	0.50 U	1.4	0.50 U	NS	NS	NS	2.5	2.6	4.1	0.057 U	NS	
		2/6/2013	9.85	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	1.0 U	1.0 U	1.0 U	NS	1.0 U	
		5/30/2013	7.10	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.031 U	0.042 U	0.029 U	NS	3.1 U	
8/20/2013	7.70	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.031 U	0.38	0.40	NS	NS			
11/21/2013	8.89	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.031 U	0.042 U	0.029 U	NS	NS			
3/11/2014	9.60	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.031 U	0.042 U	0.029 U	NS	NS			
6/12/2014	9.59	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.050 U	0.041 U	0.044 U	NS	NS			
MW-6 K	9.10' to 19.10'	3/13/2008	9.68	26.54	1.860	0.1959 U	5.500	33.90	0.2562 U	NS	NS	NS	0.614	0.124	0.167	0.001 U	NS	
		12/9/2008	8.53	0.2105 U	0.1601 U	0.1959 U	1.080 I	1.080	0.2562 U	NS	NS	NS	0.305	0.072 I	0.205	0.006 U	NS	
		3/11/2009	10.70	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		6/10/2009	7.29	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		9/9/2009	7.77	0.211 U	0.247 U	0.196 U	0.696 U	BDL	0.261 U	NS	NS	NS	0.034 U	0.026 U	0.030 U	0.150 U	NS	
		8/15/2011	10.11	0.249 U	0.201 U	0.210 U	0.260 U	BDL	0.460 U	NS	NS	NS	46.3	7.30	13.7	NS	NS	
		10/4/2012	8.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.481 U	0.481 U	0.481 U	NS	NS	
		12/6/2011	7.60	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		2/15/2012	8.72	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	0.472 U	0.472 U	0.472 U	NS	5.00 U	
		5/3/2012	6.79	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		8/6/2012	7.62	0.200 U	0.170 U	0.190 U	0.180 U	BDL	0.120 U	NS	NS	NS	0.324 U	0.152 U	0.210 U	NS	3.90 U	
		11/7/2012	7.98	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	0.015 U	0.016 U	0.013 U	0.059 U	NS	
		2/6/2013	10.10	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	1.0 U	1.0 U	1.0 U	NS	1.0 U	
		5/30/2013	7.28	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.031 U	0.042 U	0.029 U	NS	3.1 U	
8/24/2016	9.40	0.10 U	0.50 U	0.50 U	1.0 U	BDL	0.50 U	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-7	3.13' to 13.13'	1/15/2009	9.31	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		6/10/2009	6.80	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		12/29/2009	6.13	0.211 U	0.247 U	0.196 U	0.298 U	BDL	0.261 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	NS	NS	
		3/23/2010	8.29	0.211 U	0.247 U	0.196 U	0.298 U	BDL	0.261 U	NS	NS	NS	0.054 I	0.026 U	0.033 I	NS	NS	
		7/6/2010	7.80	0.249 U	0.201 U	0.210 U	0.260 U	BDL	0.460 U	NS	NS	NS	0.063	0.051 U	0.054 U	NS	NS	
		8/15/2011	9.54	0.249 U	0.201 U	0.210 U	0.260 U	BDL	0.460 U	NS	NS	NS	0.220	0.330	0.300	NS	NS	
		12/6/2011	7.10	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		2/15/2012	8.21	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	0.472 U	0.472 U	0.472 U	NS	5.00 U	
		5/3/2012	7.05	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		8/6/2012	7.13	0.200 U	0.170 U	0.190 U	0.180 U	BDL	0.120 U	NS	NS	NS	0.324 U	0.152 U	0.210 U	NS	3.90 U	
		11/7/2012	7.69	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	0.014 U	0.015 U	0.012 U	0.057 U	NS	
		2/6/2013	9.60	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	1.0 U	1.0 U	1.0 U	NS	1.0 U	
		5/30/2013	6.83	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.031 U	0.042 U	0.029 U	NS	3.1 U	
		8/20/2013	7.44	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.031 U	0.042 U	0.029 U	NS	NS	
11/21/2013	8.61	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.031 U	0.042 U	0.029 U	NS	NS			
3/11/2014	9.34	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.031 U	0.042 U	0.029 U	NS	NS			
6/12/2014	9.31	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	0.050 U	0.041 U	0.044 U	NS	NS			
MW-8	4.45' to 14.45'	6/10/2009	6.95	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		12/6/2011	7.29	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	0.526 U	0.526 U	0.526 U	NS	5.00 U	
		11/7/2012	7.65	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	0.018 U	0.019 U	0.015 U	0.059 U	NS	
MW-9	Unknown	6/10/2009	7.29	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.096	NS	
		12/6/2011	7.60	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		11/7/2012	7.98	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	0.015 U	0.016 U	0.013 U	0.061 U	NS	
MW-12D	35.00' to 40.00'	3/13/2008	9.29	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	19.79	NS	NS	NS	0.022 U	10.5	11.3	0.279	NS	
		6/2/2008	9.05	0.2105 U	0.1601 U	0.1959 U	3.560	3.56	42.10	NS	NS	NS	0.204	12.2	15.3	0.448	NS	
		9/8/2008	5.12	0.2105 U	0.1601 U	0.1959 U	3.810	3.81	48.43	NS	NS	NS	0.022 U	9.62	13.1	0.841	NS	
		12/9/2008	8.18	0.2105 U	1.270	4.020	15.17	20.46	0.2562 U	NS								

TABLE 2: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: First Coast Energy 1813

Facility ID#: 068943503

If Non-Detect Use ND (RL)
Not Sampled = NS
Analytical Results = ppb

K= Key Well	Location	Screen Int.	Date	DTW	NADC	100	400	300	200	NA	200	2	NA	150	140	280	280	5	1400
					CTL'S	1	40	30	20	NA	20	0.02	NA	15	14	28	28	50	14000
					Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Dissolved Lead	Total Lead	Naptha-lene	Methyl nap, 1	Methyl nap, 2	TRPH (mg/L)	TBA	
MW-14	5.23' to 15.23'	6/10/2009	6.50	3.002	0.1601 U	0.1959 U	0.6946 U	3.002	0.5693 I	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
			12/6/2011	6.87	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.790 I	NS	NS	NS	NS	0.485 U	0.485 U	0.485 U	NS	255
			11/7/2012	7.17	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	NS	0.026 I	0.015 U	0.0120 U	0.056 U	NS
MW-15	5.11' to 15.11'	6/2/2008	9.18	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	39.49	NS	NS	NS	NS	0.090	0.051 U	0.054 U	0.721	NS	
		9/8/2008	5.27	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		12/9/2008	8.32	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.088	NS	
		6/10/2009	7.06	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		12/6/2011	7.36	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		11/7/2012	7.75	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	NS	0.014 U	0.015 U	0.012 U	0.058 U	NS	
MW-16	Unknown	6/10/2009	6.92	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		12/6/2011	6.53	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		11/7/2012	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-17	4.00' to 14.00'	6/10/2009	7.16	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		12/6/2011	7.57	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	NS	0.556 U	0.556 U	0.556 U	NS	5.00 U	
		11/7/2012	7.85	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	NS	0.015 U	0.016 U	0.013 U	0.058 U	NS	
		8/24/2016	9.25	0.10 U	0.50 U	0.50 U	1.0 U	BDL	0.50 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-18	4.00' to 14.00'	6/10/2009	7.17	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		12/6/2011	7.50	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	NS	0.481 U	0.481 U	0.481 U	NS	5.00 U	
		11/7/2012	7.86	0.10 U	0.50 U	0.50 U	0.54 I	0.54	0.50 U	NS	NS	NS	NS	0.015 U	0.016 U	0.013 U	0.060 U	NS	
		8/24/2016	9.25	0.10 U	0.50 U	0.50 U	1.0 U	BDL	0.50 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-19 K	4.00' to 14.00'	3/13/2008	9.94	830.3	11.68	4.460	45.36	891.80	20.25	NS	NS	NS	NS	0.787	0.140	0.224	0.064	NS	
		12/9/2008	8.78	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.167	0.051 U	0.133	0.006 U	NS	
		3/11/2009	10.89	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		6/10/2009	7.54	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.038 I	0.051 U	0.054 U	0.006 U	NS	
		9/9/2009	7.98	0.211 U	0.247 U	0.196 U	0.696 U	BDL	0.261 U	NS	NS	NS	NS	0.034 U	0.026 U	0.030 U	0.150 U	NS	
		12/6/2011	7.86	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		11/7/2012	8.22	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	NS	0.016 U	0.017 U	0.014 U	0.064 U	NS	
		8/24/2016	9.60	0.10 U	0.50 U	0.50 U	1.0 U	BDL	0.50 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-20 K	5.00' to 15.00'	3/13/2008	9.04	346.9	18.90	64.81	109.89	540.50	227.8	NS	NS	NS	NS	167	31.6	57.8	1.467	NS	
		6/2/2008	8.65	3.440	11.61	263.8	580.0	858.85	20.49	NS	NS	NS	NS	10.9	2.20	2.32	0.437	NS	
		9/8/2008	4.78	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.169	0.051 U	0.054 U	0.006 U	NS	
		12/9/2008	7.83	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.352	0.075 I	0.272	0.006 U	NS	
		3/11/2009	9.99	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		6/10/2009	6.58	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.046 I	0.051 U	0.054 U	0.006 U	NS	
		9/9/2009	7.09	0.211 U	0.247 U	0.196 U	0.696 U	BDL	2.17 I	NS	NS	NS	NS	0.039 I	0.026 U	0.030 U	0.150 U	NS	
		12/6/2011	6.89	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		11/7/2012	7.27	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	NS	0.014 U	0.015 U	0.012 U	0.057 U	NS	
		9/9/2014	7.68	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
		12/8/2014	8.21	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
		3/11/2015	9.43	0.36 U	0.49 U	0.38 U	1.1 U	NS	0.24 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
		6/1/2015	10.13	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
		9/8/2015	8.65	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
		12/1/2015	7.98	0.34 U	0.45 U	0.26 U	1.3 U	BDL	0.41 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
5/27/2016	8.1	0.10 U	0.50 U	0.50 U	1.5 U	BDL	0.050 U	NS	NS	NS	NS	NS	NS	NS	NS	NS			
MW-21 K	5.00' to 15.00'	3/13/2008	9.60	299.5	25.47	33.57	112.85	471.39	98.30	NS	NS	NS	NS	65.3	16.1	27.3	0.602	NS	
		6/2/2008	9.22	116.6	1.290	13.79	18.60	150.28	27.28	NS	NS	NS	NS	46.7	9.06	18.4	0.545	NS	
		9/8/2008	5.38	14.97	0.1601 U	0.1959 U	0.6946 U	14.97	0.2562 U	NS	NS	NS	NS	8.21	2.36	2.64	0.03	NS	
		12/9/2008	8.41	6.670	0.1601 U	1.300	1.450 I	9.420	0.2562 U	NS	NS	NS	NS	5.82	1.06	0.947	0.09	NS	
		3/11/2009	10.58	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.022 U	0.051 U	0.054 U	0.006 U	NS	
		6/10/2009	7.16	0.2105 U	0.1601 U	0.1959 U	0.6946 U	BDL	0.2562 U	NS	NS	NS	NS	0.731	1.09	0.296	0.006 U	NS	
		9/9/2009	7.68	0.211 U	0.247 U	0.196 U	0.696 U	BDL	0.261 U	NS	NS	NS	NS	0.064 I	0.026 U	0.030 U	0.150 U	NS	
		12/29/2009	6.49	4.57	0.900 I	0.196 U	0.300	4.87	0.261 U	NS	NS	NS	NS	0.043 I	0.051 U	0.054 U	NS	NS	
		3/23/2010	8.64	1.11	0.247 U	2.43	0.298 U	3.54	0.261 U	NS	NS	NS	NS	0.043 I	0.026 U	0.030 U	NS	NS	
		7/6/2010		5.98	54.8	238	527	825.78	0.460 U	NS	NS	NS	NS	21.6	3.46	9.43	NS	NS	
		7/29/2010	8.22	7.97	0.201 U	74.7	39.8	122.47	0.460 U	NS	NS	NS	NS	5.77	0.839	0.996	NS	NS	
		8/15/2011	9.89	0.249 U	70.2	445	970	1485.2	0.460 U	NS	NS	NS	NS	0.014 U	0.015 U	0.012 U	NS	NS	
		12/6/2011	7.16	0.500 U	0.500 U	0.500 U	1.50 U	BDL	0.500 U	NS	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	5.00 U	
		2/15/2012	8.54	0.500 U	1.52	47	84	132.52	0.500 U	NS	NS	NS	NS	3.75	0.545 I	0.617 I	NS	5.00 U	
		5/3/2012	7.35	0.500 U	0.500 U	14.1	28.9	43	0.500 U	NS	NS	NS	NS	0.476 U	0.476 U	0.476 U	NS	39.3	
		8/6/2012	7.46	0.200 U	0.170 U	0.190 U	0.180 U	BDL	0.120 U	NS	NS	NS	NS	0.324 U	0.152 U	ND(2.10)	NS	25.6	
		11/7/2012	7.84	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	NS	0.015 I	0.015 U	0.012 U	0.057 U	NS	
		2/6/2013	9.88	0.10 U	0.50 U	0.50 U	0.50 U	BDL	0.50 U	NS	NS	NS	NS	1.0 U	1.0 U	1.0 U	NS	13.4 I	
		5/30/2013	7.16	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	NS	0.031 U	0.042 U	0.029 U	NS	3.1 U	
		8/20/2013	7.78	0.36 U	0.49 U	0.38 U	1.1 U	BDL	0.24 U	NS	NS	NS	NS	0.035 I	0.042 U	0.029 U	NS	NS	
11/21/2013	8.93	0.36 U	0.49 U	0.38 U															

MEDIUM RISK SITE #2

Deerfield Country Club

50 Fairway Drive

Deerfield Beach FL 33441

Broward County

BCEPD Facility ID: 1898B

Conclusions and Recommendations

Based on the in-place sampling, calculated 95% UCL arsenic concentrations for the upper 6" and 6"-2' bls are below the DE-RSCTL criteria per Table II of Chapter 62-777, F.A.C.

Dieldrin was reported slightly above the leachability SCTL in three (3) locations within the upper two feet of Park Parcel B.

Groundwater arsenic concentrations are confined to the northern portion of the Site and are not migrating offsite.

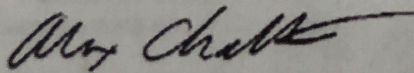
Based on the above, GHD proposes approval of No Further Action Risk Management Option Level II based on the following:

- Upper two feet of soil is below the applicable DE-RSCTL per calculated 95% UCL for Arsenic
- Dieldrin slightly above leachability criteria was reported in three locations but historical groundwater analytical results have remained below the GCTL for at least one year for monitoring wells sampled within Park Parcel B.
- Groundwater arsenic concentrations are confined to the northern portion of the Park Parcel B and are not migrating off-site.

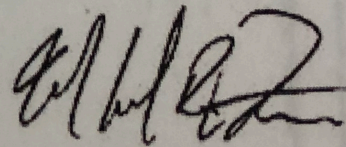
Should you have any questions, please feel free to contact us.

Sincerely,

GHD



Alex Chatham, P.E.
Senior Environmental Manager



Mike Fisher, P.G.
Senior Scientist

AC/jf

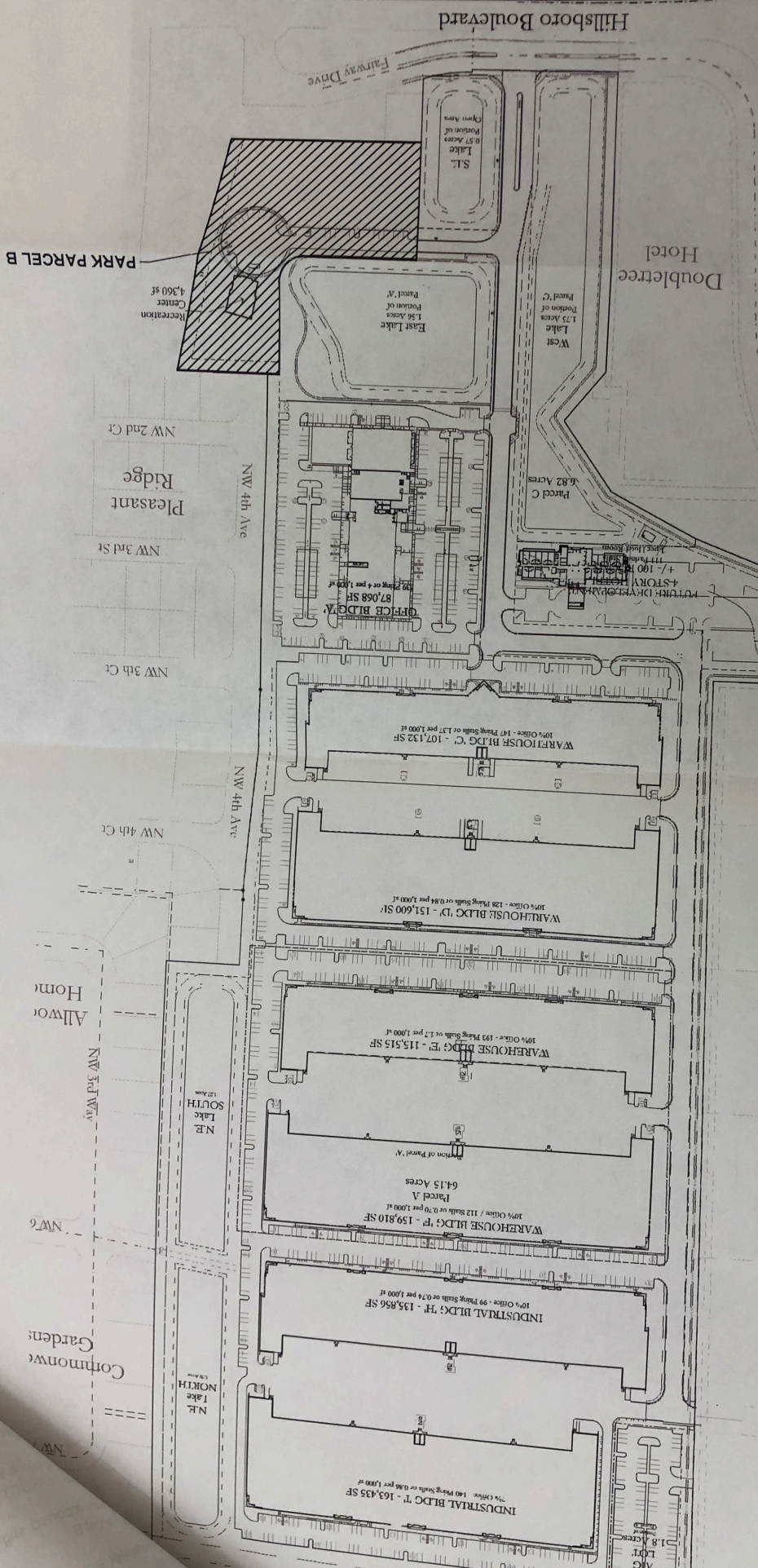
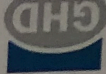
Encl.

cc: File

label to APP D 95% UCL
dieldrin?

Leachability of Dieldrin
not complete, only 2 locations
1/11/16

why does the 95% UCL cal
not include west part?



1 Introduction

Conestoga-Rovers & Associates (CRA) has prepared this Soil Management Plan (SMP)/Remedial Action Plan (RAP) for the Deerfield Beach Country Club property (Site) located at 50 Fairway Drive in Deerfield Beach, Broward County, Florida. A Site Plan depicting the boundaries of the Property as well as surrounding property is shown in **Figure 1**.

Currently, the Site consists of approximately 75-acres of developed golf course land located in a predominantly commercial and residential area. The Site adjoins: the Hillsboro Canal to the north with residential neighborhood beyond; Fairway Drive to the south with Hillsboro Boulevard and professional office buildings beyond; professional office buildings and a Hilton Hotel to the west; and a residential neighborhood and a BB&T bank branch office to the east.

Planned improvements for the subject Property include the construction of commercial/industrial warehouses, paved parking, and interconnected roadways. Stormwater retention areas will be located in the southern and northeastern portions of the Site. A 3,800 square foot (SF) community center is planned in the southeastern portion of the Site along with surrounding open lawn space.

2.0 Purpose of Plan

The purpose of this plan is to provide guidance for the management of soil during the site development phase where proposed construction may result in the excavation and onsite relocation of impacted soil. Concentrations of target contaminants may exceed the Residential Direct Exposure Soil Cleanup Target Level (R-SCTL) but are less than the Commercial Direct Exposure Soil Cleanup Target Level (C-SCTL) per Table II of Chapter 62-777, Florida Administrative Code (FAC). This Plan also includes a discussion of the proposed response to the discovery of any soil with target contaminant concentrations above the Commercial Direct Exposure C-SCTL either through offsite disposal or onsite relocation beneath impervious surfaces (pavement or foundation) or proposed designated engineering control.

Also included are the proposed methods to control the dispersion of dust that may be generated as a result of site redevelopment activities. Such procedures may be revised/expanded, as appropriate, while the development construction work progresses to include information, methodologies, and procedures associated with any changes in work scope and/or site conditions.

The procedures and protocols outlined in the following subsections identify the management tasks, including the earthwork sequencing, characterization testing/sampling, storage, re-use, transportation and/or disposal of wastes related to soil encountered during project activities.

The SMP/RAP describes the proper procedures to minimize the potential for any adverse impact to the Site workers, the general public, and/or the environment.

2.1 Summary of Assessment Data

2.1.1 Soil

From August 2012 to July 2013, studies conducted by Nutting Environmental of Florida (NEF) detected concentrations of arsenic and toxaphene above their respective R-SCTLs and C-SCTLs per Table II of

Chapter 62-777, FAC. Both contaminants were detected in the golf course maintenance area of the Site. Concentrations of arsenic exceeding its C-SCTL, toxaphene exceeding its R-SCTL, and dieldrin exceeding its L-SCTL were detected in the golf course's tees, greens, and fairways.

In December 2013, CRA collected supplemental site assessment samples in the vicinity of golf course equipment storage and maintenance building. The laboratory analytical results returned concentrations of arsenic exceeding its R-SCTL but below its C-SCTL per Table II of Chapter 62-777, FAC.

Based on the proposed land use of the Property (described earlier), supplemental assessment was completed at three proposed lake locations" the West Lake, East Lake, and Northeast Lake. Additionally, CRA performed supplemental assessment in proposed open space areas on the southeastern portion of the Site.

Soil samples returned arsenic concentrations below the C-SCTL at all locations. An arsenic concentration of 5.9 milligrams per Kilogram (mg/Kg) detected in West Lake sample WL-3 (0-6") was the highest reported arsenic concentration from the supplemental soil assessment.

The following figures depict the soil boring locations and laboratory analytical results related to the Property's proposed land use:

Figure 2 depicts the soil boring locations and arsenic results throughout the Property;

Figure 2a depicts the soil boring locations and arsenic results in the maintenance area where the proposed community center will be located;

Figure 3 depicts the soil boring locations and chlorinated pesticide results throughout the Property; and

Figure 3a depicts the soil boring locations and chlorinated pesticide results in the maintenance area where the proposed community center will be located.

2.1.2 Groundwater

Between May 2011 and May 2013, groundwater sampling conducted by NEF detected concentrations of arsenic exceeding its respective Groundwater Cleanup Target Level (GCTL) per Table I of Chapter 62-777, FAC in the majority of the onsite wells. NEF's final groundwater monitoring event in May 2013, followed their final source removal activities. That event yielded concentrations of arsenic exceeding its Natural Attenuation Default Source Criteria (NADSC) per Table V of Chapter 63-777, FAC in monitoring wells MW-2R, MW-9R, and MW-15R. That same event yielded concentrations of arsenic exceeding its GCTL per Table I of Chapter 62-777, FAC in monitoring wells MW-12R and MW-16.

Based on the results from historical monitoring events and NEFs final groundwater monitoring event, CRA conducted source removal activities centered on monitoring wells MW-12R, MW-7R, MW-13R, MW-2R, MW-9R, MW-15R, and MW-1R. Following the source removal and backfilling activities, CRA completed Interim Groundwater Monitoring (IGM) events in May, August, and September 2014. All of the IGM events returned concentrations of arsenic below its NADSC per Table V of Chapter 62-777, FAC in all of the monitoring wells. Arsenic concentrations were below its GCTL per Table I of Chapter 62-777, FAC in monitoring wells MW-11, MW-10, MW-7R, MW-12R, MW-13R, MW-8, MW-14, MW-15R and MW-16R.

Figure 4 depicts the monitoring well locations and corresponding laboratory groundwater analytical results relative to the proposed land use.

3.0 Soil Management Strategy

The mapped contaminant plan will be used during the construction phase to identify soil impacts exceeding the R-SCTL for arsenic per Table II of Chapter 62-777, FAC in subsurface preparation areas so they can be relocated on-site under foundations, parking lot pavement, or 2-feet of clean fill.

Each area of the Property as it relates to onsite soil management is broken down as follows:

3.1 Community Center / Open Lawn in the Southeast Portion of Property / East Lake

Remaining sampled soil concentrations in this area where the lawn space and community center is proposed are as follows:

Arsenic

- 0-6" - below laboratory detection limits to 5.9 mg/Kg
- 6"-2' - below laboratory detection limits to 5.76 mg/Kg
- 2'-4' - below laboratory detection limits to 3.9 mg/Kg
- 4'-6' - below laboratory detection limits to 8.8 mg/Kg
- 6'-8' (saturated) - below laboratory detection limits to 2.5 mg/Kg

Dieldrin

- 0-6" - below laboratory detection limits
- 2-4' - below laboratory detection limits

Toxaphene

- 0-6" - below laboratory detection limits
- 0-2' - below laboratory detection limits to 100 ug/kg
- 2-4' - below laboratory detection limits
- 4-6' - below laboratory detection limits

The soil management strategy is the removal of the top two feet of soil in the maintenance area for relocation to planned impervious areas of the site. The calculated volume of soil to be removed and managed beneath impervious cover is estimated to be approximately 6,400 cubic yards. This area is shown in green on the attached **Figures 5, 5a and 5b**.

Once the top two feet is removed, clean fill confirmed through laboratory analysis that indicate results are below the applicable Park direct exposure criteria of 5.5 mg/Kg will be used as replacement fill at this location.

It is anticipated that the source of clean backfill for this excavation will be soil excavated from the proposed East Lake to be developed just west of this location. Based on laboratory analysis, soil concentrations in the proposed East Lake location are as follows:

Arsenic

- 0-6" - below laboratory detection limits to 3.7 mg/Kg
- 6"-2' - 0.23 to 2.3 mg/Kg

- 0-2' - below laboratory detection limits to 5.6 mg/Kg
- 2'-4' - below laboratory detection limits to 11 mg/Kg
- 4'-6' - below laboratory detection limits to 4.4 mg/Kg

According to Figures 5 and 5a, the locations where arsenic exceeds 5.5 mg/Kg are primarily in the eastern portion of the proposed East Lake. Therefore, during development the soil excavated from the eastern portion of the East Lake will be segregated and stockpiled separately from the soils excavated from the western portion of the proposed East Lake.

It is recommended that, starting at surface grade, the soil excavated from the proposed East Lake be scraped from one foot depth intervals into $\pm 5,000$ cubic yard segregated stockpiles. Composite soil samples collected from each stockpile will be submitted to a NELAC-certified laboratory for analysis of total arsenic using EPA 6020 and chlorinated pesticides using EPA method 8081. Assuming the depth of the excavation will be approximately 6 feet below land surface, it is anticipated that approximately $\pm 26,000$ cubic yards of soil will be managed accordingly. Assuming that one composite soil sample will be collected for every 5,000 cubic yards stockpiled, this will equate to an estimated 5 composite soil samples collected for analysis. Depending on the results from the initial analysis, Synthetic Precipitation Leachate Procedure (SPLP) may need to be performed on select samples.

If results for arsenic for the stockpile samples are below 5.5 mg/Kg and meet the leaching criteria, the excavated material will be placed in the community center area.

For stockpile samples that return arsenic results between 2.1 and 12 mg/Kg and chlorinated pesticides that exceed leachability criteria, the soil will be placed beneath impervious areas of the Property. Soil that exceeds 12 mg/Kg will be removed for proper offsite disposal or placed beneath proposed impervious cover onsite.

If any dark organic soil is encountered during the excavation activities, it will be segregated in a separate stockpile and evaluated to determine if it can be mixed and used with structural fill beneath impervious cover. Please note this evaluation will need to be conducted by a licensed Geotechnical Engineer. This layer was evident in several areas of the Property near the observed water table at a depth of approximately 5 to 7 feet and varied in thickness throughout the Property.

If any excavated soil (whether blended or not) is relocated to proposed open space areas of the Property, CRA will conduct in-situ testing of one soil boring every 200 feet with samples collected from 0-2', 2-4' depending upon placement depth of excavated material.

3.2 West Lake

Remaining sampled soil concentrations in the area where the proposed West Lake will be constructed are as follows:

Arsenic

- 0-6" - below laboratory detection limits to 18 mg/Kg
- 6"-2' - below laboratory detection limits to 17 mg/Kg
- 2'-4' - below laboratory detection limits to 2.6 mg/Kg
- 4'-6' - below laboratory detection limits to 4.0 mg/Kg



Dieldrin

0-6" - below laboratory detection limits to 31 micrograms per kilogram (ug/Kg)
 6"-2' - below laboratory detection limits to 11 ug/Kg

Toxaphene

0-6" - below laboratory detection limits to 190 ug/Kg
 6"-2' - below laboratory detection limits to 77 ug/Kg

According to **Figure 5**, it appears the highest levels of arsenic impact are in the central portion of the proposed West Lake. Therefore, soil excavated from the central portion of the West Lake will be segregated and stockpiled separately from the remainder of the soil excavated to create the proposed lake. **Figure 6** depicts the chlorinated pesticides concentrations in the West Lake area.

It is recommended that starting at surface grade, the soil excavated from the proposed West Lake be scraped from one foot depth intervals into $\pm 5,000$ cubic yard segregated stockpiles. Composite soil samples collected from each formed stockpile will be submitted to a NELAC-certified laboratory for analysis of total arsenic using EPA 6020 and chlorinated pesticides using EPA method 8081. Assuming the depth of the excavation will be approximately 6 feet below land surface, it is anticipated that approximately $\pm 30,000$ cubic yards of soil will be managed accordingly. Assuming that one composite soil sample will be collected for every 5,000 cubic yards stockpiled, this will equate to an estimated 6 composite soil samples collected for analysis. Depending on the results from the initial analysis, SPLP may need to be performed on select samples.

For stockpile samples that return arsenic results between 2.1 and 12 mg/Kg and chlorinated pesticides that exceed leachability criteria, the soil will be placed beneath impervious areas of the Property. Soil that exceeds 12 mg/Kg will be removed for proper offsite disposal or placed beneath proposed impervious cover onsite. *If below detection limit*

If any dark organic soil is encountered during the excavation activities, it will be segregated in a separate stockpile and evaluated to determine if it can be mixed and used with structural fill beneath impervious cover. Please note this evaluation will need to be conducted by a licensed Geotechnical Engineer. This layer was evident in several areas of the Property near the observed water table at a depth of approximately 5 to 7 feet and varied in thickness throughout the Property.

If any excavated soil (whether blended or not) is relocated to proposed open space areas of the Property, CRA will conduct in-situ testing of one soil boring every 200 feet with samples collected from 0-2', 2-4' depending upon placement depth of excavated material.

3.3 Northeast Lake

Remaining sampled soil concentrations in this area where proposed Northeast Lake will be constructed are as follows:

Arsenic

0-6" - below laboratory detection limits to 4.2 mg/Kg
 6"-2' - below Residential SCTL



- 2'-4' - below laboratory detection limits to 2.7 mg/Kg
- 4'-6' - below laboratory detection limits to 2.7 mg/Kg
- 6'-8' - below Residential SCTL

Dieldrin

4-6' - below laboratory detection limits

Toxaphene

4-6' - below laboratory detection limits

According to **Figure 5**, the highest arsenic concentration occurred at a depth of 0-6" in the southern portion of the proposed Northeast Lake. **Figure 6** depicts the chlorinated pesticide concentrations in the Northeast Lake.

It is recommended that starting at surface grade, the soil excavated from the proposed Northeast Lake be scraped from one-foot depth intervals into $\pm 5,000$ cubic yard segregated stockpiles. Composite soil samples collected from each formed stockpile will be submitted to a NELAC-certified laboratory for analysis of total arsenic using EPA 6020 and chlorinated pesticides using EPA method 8081. Assuming the depth of excavation will be approximately 8 feet below land surface, it is anticipated that approximately $\pm 60,400$ cubic yards of soil will be managed accordingly. Assuming that one composite soil sample will be collected for every 5,000 cubic yards stockpiled, this will equate to an estimated 12 composite soil samples collected for analysis. Depending on the results from the initial analysis, SPLP may need to be performed on select samples.

For stockpile samples that return arsenic results between 2.1 and 12 mg/Kg and chlorinated pesticides that exceed leachability criteria, the soil will be placed beneath impervious areas of the Property. Soil that exceeds 12 mg/Kg will be removed for proper offsite disposal or placed beneath proposed impervious cover onsite.

If any dark organic soil is encountered during the excavation activities, it will be segregated in a separate stockpile and evaluated to determine if it can be mixed and used with structural fill beneath impervious cover. Please note this evaluation will need to be conducted by a licensed Geotechnical Engineer. This layer was evident in several areas of the Property near the observed water table at a depth of approximately 5 to 7 feet and varied in thickness throughout the Property.

If any excavated soil (whether blended or not) is relocated to proposed open space areas of the Property, CRA will conduct in-situ testing of one soil boring every 200 feet with samples collected from 0-2', 2-4' depending upon placement depth of excavated material.

3.4 Remaining Areas of the Property

Soil with arsenic and chlorinated pesticides concentrations above applicable CTLs over the remaining areas of the Property will be maintained in-place beneath an engineered control consisting of either an impervious surface cover (pavement or building foundation) or 2-feet of clean fill.

Any soil excavated for utility construction will be segregated and managed for either offsite disposal, relocation to proposed EC (impervious cover) areas of the site or reused onsite as clean fill. **Figures 5**



and 6 depict the remaining soil concentrations throughout the Property. When the soil is removed and blended, to ensure that the soil is properly segregated, CRA will conduct subsequent sampling of the stockpiled soil onsite as follows:

Composite soil samples will be collected from each formed stockpile and submitted to a NELAC-certified laboratory for analysis of total arsenic using EPA 6020 and chlorinated pesticides using EPA method 8081. We propose collecting one composite soil sample every $\pm 5,000$ cubic yards of soil stockpiled. Depending on the initial analysis results, SPLP may need to be performed.

For stockpile samples that return arsenic results between 2.1 and 12 mg/Kg and chlorinated pesticides that exceed leachability criteria, the soil will be placed beneath impervious areas of the Property. Soil that exceeds 12 mg/Kg will be removed for proper offsite disposal or placed beneath proposed impervious cover onsite.

If any excavated soil (whether blended or not) is relocated to proposed open space areas of the Property, CRA will conduct in-situ testing of one soil boring every 200 feet with samples collected from 0-2', 2'-4' depending upon placement depth of excavated material.

A majority of the Property will consist of impervious cover and any contaminated soil remaining will be placed beneath roadways, parking areas, or buildings. Contaminated soil in proposed open spaces will be relocated to proposed impervious areas of the Property.

Consideration will be made for offsite disposal, if necessary. Broward County will be notified prior to performing any offsite disposal.

3.5 Documentation of Pile and Fill Locations During Development Phase

An onsite representative will serve as liaison to keep a written record of soil excavation and stockpiling as part of the construction activities. The onsite representative will be responsible for documenting the locations where the soil is ultimately moved to on the Property or otherwise, its proper removal for offsite disposal. GPS coordinates will be used to document soil transposition locations.

4.0 Material Staging and Handling

Activities that may result in the handling of impacted soils during the construction phase include earthwork, structural modifications, and the installation of new subsurface infrastructure. However, the measures set forth here are intended to minimize or eliminate exposure to construction workers during typical construction activities and associated timeframes and there is no concern of risk. Construction activities are expected to involve duration of weeks or months compared to the risk scenario involving a duration of 25 years.

The procedures of this SMP are intended to limit direct exposure during the construction activities such as excavation, grading, structural modifications, and the installations of new subsurface infrastructure. Given that the soil impact does not exceed the C-SCTL for arsenic, the exposure to construction workers during typical site development activities are not considered a risk. To minimize mobilization of the environmentally-sensitive soils, care should be taken to minimize dust emissions (see Section 5.0).

1.0 Introduction

1.1 Purpose

The purpose of this Interim Source Removal Plan is to bring the Deerfield Country Club golf course property (the Property) into appropriate compliance with the requirements of Chapter 62-780, Florida Administrative Code (F.A.C.), taking into account the intended redevelopment of the golf course into a commercial/industrial center featuring warehouses. Compliance will be achieved through a mixture of soil management and strategic source removal, as discussed in this plan. Appendix A includes a copy of Broward County Environmental Protection and Growth Management (EPGMD) letter dated November 29, 2011 requesting the submittal of this Interim Source Removal Plan.

1.2 Background

Based on a review of historical records and correspondence with Deerfield Country Club personnel, the Property has been used as a golf course since the early 1960s. Prior to that time, the Property was vacant, undeveloped land since at least 1947, the date of the earliest available aerial photograph.

Limited information is available regarding the historical operations with respect to the storage, use, and application of pesticides and herbicides. Based on the information available, it appears that from the late 1960s until the 1990s, monosodium methanearsonate (MSMA), fungicides, and fertilizers were applied to the golf course playing areas for turf maintenance. Herbicides, pesticides, fungicides, and fertilizer were historically kept in a storage building/supervisor's quarters located in the maintenance area on the southeastern portion of the Property. Reportedly, chemical mixing and loading as well as equipment cleaning was performed in the maintenance area. Currently, no arsenic-based herbicides, pesticides, or fertilizers are stored, maintained and/or used at the Property.

Two approximately 500-gallon aboveground storage tanks containing vehicular diesel fuel and unleaded gasoline have historically been used for fueling of site equipment. Both tanks are located within secondary containment in the maintenance area. Minor equipment repair and maintenance also took place within golf cart maintenance building located on the west side of the maintenance area.

1.3 Future Intended Use

The future intended use of the Property is redevelopment for commercial warehouses. A site plan for the development of the Property is attached as Appendix B. NEF understands that the proposed site plan has been submitted to the City of Deerfield Beach and is substantially through the approval process. The site plan shows the proposed future locations of warehouse buildings, limited areas of green space, and a future stormwater retention area in the eastern/southeastern portion of the Property.



2.0 Data Analysis

To address possible impacts associated with the historical chemical use at the Property, groundwater and soil assessment activities were performed throughout the golf course playing areas and the maintenance area. Assessment activities are documented in NEF's September 2011 Site Assessment Report and August 2012 Site Assessment Report Addendum. Additional groundwater monitoring activities performed in October 2012 are documented in the October 29, 2012 Interim Groundwater Monitoring Report.

Assessment activities indicated the presence of arsenic in soil and groundwater samples at varying concentrations throughout the Property. Dieldrin and toxaphene were identified to a lesser areal extent on the property. Several areas of arsenic soil concentrations above the Direct Exposure Commercial/Industrial Soil Cleanup Target Level (SCTL) were identified in the maintenance area as well as at isolated areas of the course. Toxaphene was reported above the Commercial/Industrial exposure criteria at one soil sample location in the maintenance area. Additionally, elevated concentrations of arsenic above the Groundwater Cleanup Target Level (GCTL) were identified in several monitoring wells. Tables 1 through 4 present the soil analytical results. Table 5 presents the groundwater analytical results from the monitoring wells including the October 24, 2012 groundwater sampling event. Figures 1 and 2 depict both detected soil and groundwater concentrations above cleanup target levels in the golf course playing field and maintenance area, respectively.

The results of soil and groundwater testing in the area of the aboveground storage tanks for VOAs, PAHs, and TRPH did not indicate any concentrations above their respective SCTLs and GCTLs. Therefore, this plan does not propose any remedial action with respect to the aboveground storage tanks area.

Interim Source Removal Plan

Underlying Basis for Source Removal Plan

In preparing this proposed Interim Source Removal Plan, NEF has taken into account the future intended use of the Property for redevelopment as a commercial/industrial site containing warehouses. Therefore, the focus of the proposed source removal activities is two-fold: 1) the removal of known contaminated soils in those areas where a significant groundwater issue has been previously identified (i.e., the maintenance area); and 2) identification and removal of suspected soil sources in other areas in the golf playing fields where elevated arsenic concentrations in the groundwater have been identified. It is not proposed to remove all soil that is above the Direct Exposure Commercial/Industrial SCTL for the contaminants of concern, as the redeveloped Property will be characterized by primarily impervious surfaces to prevent direct exposure to any contaminated soils that remain *in situ* post removal.

3.2 Maintenance Area

It is proposed to undertake significant source removal to address arsenic impacts in the former maintenance area. Source removal in this area will involve removal of soil identified as exhibiting concentrations exceeding the Direct Exposure Commercial/Industrial SCTL for arsenic and toxaphene in the maintenance area at the locations depicted on Figure 2. The proposed site development plan includes a large stormwater retention area in this location. Therefore, excavation activities in this area will be extended below the depth of the watertable (approximately 5 to 6 feet below land surface (BLS)).

Following removal, confirmation samples will be collected and analyzed for the presence of total arsenic using EPA method 6020 and chlorinated pesticides using EPA method 8081. Excavated soil that do not meet the applicable SCTL for commercial criteria will be transported off-site for disposal at a licensed facility. Manifests will be provided confirming the amount that has been removed.

An estimated 400 cubic yards of soil will be removed for off-site disposal. This estimate is based on an assumption of three excavation areas, consisting of 1) an approximately 15' x 15' square shaped area (area of SB-38) to be excavated to approximately six feet BLS; 2) an approximately 30' x 15' rectangular shaped area (area of SB-34 and S-8) to be excavated to approximately six inches BLS; and 3) an approximately 40' x 50' L-shaped area (area south/southeast of chemical storage building) to be excavated to approximately six feet BLS, as shown on Figure 2. Excavations areas one and three are anticipated to be excavated to an approximate depth of six (6) feet BLS, while excavation area 2 is anticipated to be excavated to an approximate depth of six inches BLS. During source removal activities, a staging area will be created adjacent to the excavation areas, with removed soils stockpiled on top of visqueen and covered by visqueen to prevent contact with rainfall or runoff. Excavated soils will be transported offsite for proper disposal.

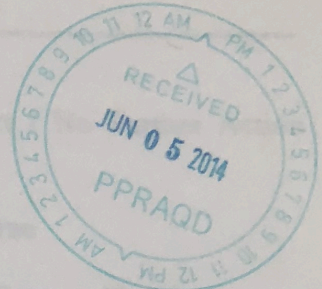
3.3 Investigatory Areas on Golf Course Playing Areas

On the golf course playing areas, it is proposed to undertake additional soil assessment in areas where samples from the existing groundwater monitoring wells located near the western property boundary indicate the presence of concentrations of arsenic exceeding the Natural Attenuation Default Criteria (NADC), as set forth in Table V of Chapter 62-777, F.A.C. As shown on Figure 1, groundwater sampling in monitoring wells MW-7, MW-12, and MW-15 have indicated arsenic concentrations above the NADC. Therefore, it is proposed to undertake investigatory assessment of the soil in these areas to determine if there is a potential source area contributing to the elevated concentrations in these wells. Based on the results of the investigatory assessment, strategic source removal may be warranted. If source removal is





CERTIFICATION



**SITE ASSESSMENT REPORT ADDENDUM /
INTERIM SOURCE REMOVAL REPORT /
NO FURTHER ACTION PROPOSAL**

**Deerfield Beach Golf Course
50 Fairway Drive
Deerfield Beach, Broward County, Florida**

Prepared for:

**Broward County Environmental Protection and
Growth Management Department (EPGMD)
1 North University Drive, 102A
Plantation, FL 33324**

**Prepared by:
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**JUNE 2014
REF. NO. 094981.01**



1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) has prepared this Site Assessment Report Addendum/Interim Source Removal Report/No Further Action Proposal (SARA/ISRR/NFAP) for the Deerfield Beach Golf Course Property in Deerfield Beach, Broward County, Florida (the "Site") for submittal to the Broward County Environmental Protection and Growth Management Department (EPGMD). A site location map is presented as **Figure 1**. A site map illustrating the boundary of the Site and the adjoining properties is presented as **Figure 2**.

To satisfy the requirements of Chapter 62-780, Florida Administrative Code (FAC), field activities were conducted in accordance with guidelines for assessment and source removal. Sampling was conducted in accordance with the applicable Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOPs) dated December 2008.

2.0 SITE AND VICINITY DESCRIPTION

Deerfield Beach Golf Course (Site) is located at 50 Fairway Drive in Deerfield Beach, Broward County, FL and currently consists of approximately 75-acres of developed land. The Property adjoins: Hillsboro Canal to the north followed by residential neighborhood; Fairway Drive to the south with Hillsboro Boulevard and professional office buildings beyond; professional office buildings and a Hilton Hotel to the west; and residential neighborhood and Bank Atlantic to the east. The area predominantly consists of residential and commercial properties.

On-Site features include a paved entry from Fairway Drive followed by a paved parking lot area and club house. The maintenance area is located northeast from the club house and currently consists of an equipment storage building. Northwest of the club house sits the golf cart storage building. The golf course playing areas are located west of the entrance and north of the club house.

A chemical mixing and storage area/supervisors quarters previously existed in the northeast portion of the maintenance area. It has been reported that herbicides, pesticides, fungicides, and fertilizer have historically been stored in this area. The chemical mixing and storage area/supervisors quarters were demolished in 2013.

According to the Broward County Property Appraiser, the Property is currently owned by Gator Development Group LLC.



4.2 Hydrogeology

The geologic/hydrogeologic formations underlying Broward County may be described as three (3) aquifer systems; the Surficial/Biscayne Aquifer System, the Intermediate Confining System and the Floridan Aquifer System.

The Surficial Aquifer System is comprised of all saturated sediments from the water table down to relatively impermeable sediments of the Intermediate Confining Unit overlying the Floridan

Aquifer System. The Surficial Aquifer is recharged by rainfall and leakage from surface water bodies. The Surficial Aquifer is an unconfined, heterogeneous system that consists of sand, shells and silts from the water table to the top of the Biscayne Aquifer System.

The Biscayne Aquifer is comprised of extremely permeable, massive biogenic limestone and extends to the silts and clays of the Intermediate Confining System. Beneath the Intermediate Confining System lies the Floridan Aquifer System, which is composed of a thick sequence of limestones and dolomites.

The Floridan Aquifer is composed of a thick sequence of limestones and dolomites. Geologic and hydraulic data on the Floridan Aquifer System in Broward County is limited and detailed maps of the system are not available.

5.0 BACKGROUND

Based on a review of historical records and correspondence with Deerfield Country Club personnel, the Property has been used as a golf course since the early 1960s. Prior to that time, the Property was vacant, undeveloped land since at least 1947, the date of the earliest available aerial photograph.

Limited information is available regarding the historical operations with respect to the storage, use, and application of pesticides and herbicides. Based on the information available, it appears that from the late 1960s until the 1990s, monosodium methanearsonate (MSMA), fungicides, and fertilizers were applied to the golf course playing areas for turf maintenance. Herbicides, pesticides, fungicides, and fertilizer were historically kept in a storage building/supervisor's quarters located in the maintenance area on the southeastern portion of the Property. Reportedly, chemical mixing and loading as well as equipment cleaning were performed in the maintenance area. Currently, no arsenic-based herbicides, pesticides, or fertilizers are stored, maintained and/or used at the Property.

Two approximately 500-gallon aboveground storage tanks containing vehicular diesel fuel and unleaded gasoline were historically used for fueling of site equipment. Both tanks were located within secondary containment in the maintenance area. Minor equipment repair and maintenance also took place within the Golf Course Equipment Storage and Maintenance



Building located on the west side of the maintenance area. See **Figures 2 and 3** depicting the Maintenance Area.

5.1 Historical Reports

Site Assessment Report Addendum (SARA) Prepared by Nutting Environmental:

CRA reviewed a Site Assessment Report Addendum (SARA) dated August 2012, prepared by Nutting Environmental of Florida (NEF), INC. As part of NEF's Site Assessment Report, soil

sampling was conducted around the golf course maintenance area for laboratory analysis of arsenic and pesticides, on the east side of the concrete secondary containment structure (at the drain valve) for laboratory analysis of VOAs, PAHs, TRPH, and arsenic, as well as locations throughout the golf course playing areas for laboratory analysis of arsenic, dieldrin, and toxaphene.

The laboratory analytical results from the east side of the concrete secondary containment structure (at the drain valve) were reported below the method detection limits and/or Residential Direct Exposure and/or Leachability Soil Cleanup Target Level (SCTL), as listed in Chapter 62-777, FAC for all the parameters tested. The laboratory analytical results from the soil samples collected from the golf course maintenance area returned concentrations of arsenic above its Residential and Commercial Direct Exposure SCTLs, as listed in Chapter 62-777, FAC and concentrations of toxaphene exceeding both the Residential and Commercial Direct Exposure SCTLs, as listed in Chapter 62-777, FAC. The laboratory analytical results from the golf course playing areas returned concentrations of arsenic exceeding its C-SCTL, toxaphene exceeding its R-SCTL, and dieldrin exceeding its R-SCTL.

As part of the NEF's SARA, groundwater sampling activities were performed at existing monitoring wells (MW-1, MW-2, and MW-5 – MW-7) and "newly" installed wells (MW-9 through MW-16).

Groundwater samples collected from monitoring wells MW-1, MW-2, MW-6, MW-7, MW-9, MW-12, MW-13, and MW-15 exceeded both the arsenic Groundwater Cleanup Target Level (GCTL) and Natural Attenuation Default Source Criteria (NADSC) per Table I and V of Chapter 62-777, FAC, respectively. Groundwater samples collected from monitoring wells MW-3, MW-5, MW-14, and MW-16 exceeded the arsenic GCTL per Table I of Chapter 62-777, FAC.

Based on the soil sampling results, NEF recommended the preparation of a Soil Management Plan to address the arsenic and organochlorine pesticide contaminated soils on the golf course playing areas as well as the golf course maintenance area.

NEF also recommended a monitoring only plan be implemented at the Site to perform two quarters of groundwater monitoring to assess the trends in plume migration and attenuation.

NEF concluded that additional assessment of petroleum contaminants does not appear warranted.



Appendix A includes the Figures and Tables from NEF's SARA dated August 2012.

Interim Source Removal Plan (ISR) Prepared by Nutting Environmental:

CRA reviewed the Interim Source Removal Plan (ISR) dated December 2012, prepared by NEF. The plan addresses the removal of soils in the maintenance area and the identification and removal of suspected soil sources in areas of the golf course playing field where elevated arsenic concentrations in the groundwater have been identified above the NADSC per Table V of Chapter 62-777, FAC.

Within the maintenance area, the ISR plan proposed to remove soil from three excavation areas. Following the removal of soil in the maintenance area, the ISR plan reports that confirmation samples will be collected and analyzed for the presence of total arsenic and chlorinated pesticides (in select areas).

Within the golf course playing area, the ISR plan proposed to undertake additional soil assessment around monitoring wells MW-7, MW-12, and MW-15, where the groundwater samples returned arsenic concentrations exceeding the NADSC per Table V of Chapter 62-777, FAC. Based on the additional soil assessment, NEF states that source removal may be warranted in these areas.

As part of NEF's Soil Management Plan (SMP), NEF reports that the soil exceeding the commercial/industrial criteria will be managed in place during site development activities. NEF's SMP also includes the use of institutional and/or engineering controls, such as placement beneath building slabs, other impervious cover, and cover with two feet of clean fill.

The ISR states that any excavated soils that exceeds the Direct Exposure Commercial/Industrial SCTL per Table II of Chapter 62-777, FAC for the contaminants of concern will be transported offsite for proper disposal.

Source Removal Status Report May 2013:

CRA reviewed NEF's Source Removal Status Report dated May 2013 which followed NEF's ISR. The report states that initial source removal activities occurred at the three excavation areas within the maintenance area and at MW-12, MW-13, and MW-15 between the dates of March 18 and March 21, 2013.

At MW-12, MW-13, and MW-15 it is reported that the soils were excavated within an approximately 5' radius to a depth of approximately 8-10 feet below land surface (bls).

Within the maintenance area it is reported that the three excavation areas consisted of:

- 1) An approximately 30' x 15' rectangular shaped area to a depth of approximately six inches bls;
- 2) an approximately 15' X 15' square shaped area to a depth of approximately six feet bls;

FIGURES



3) an approximately 40' X 50' L-shaped area to a depth of approximately six feet bls.

Once the initial excavation activities were complete, NEF reportedly collected soil samples from the sidewalls and bottom of the excavation areas for laboratory analysis of organochlorine pesticides (in select areas) and arsenic. NEF states that the laboratory analysis results warranted additional excavation. It appeared that the toxaphene exceedence above the respective C-SCTL in the eastern excavation was removed during NEF's source removal activities.

Upon submittal of this report, final excavation activities occurred on April 23, 2013 and NEF concluded that the source removal activities are complete with the exception of area 2.

Appendix A includes the Figures from NEF's Source Removal Status Report dated May 2013.

Source Removal Status Report July 2013:

CRA reviewed NEF's Source Removal Status Report dated July 2013. This report addresses the additional excavation activities at excavation area 2, within the maintenance area, referenced in NEF's May 2013 Source Removal Status Report.

Based on laboratory analytical results, NEF reports that additional source removal activities to the south and east of excavation area 2 may be warranted but due to the potential undermining of the building foundation (Golf Course Equipment Storage and Maintenance Building), excavation activities were put on hold.

Interim Groundwater Monitoring Report May 2013:

NEF conducted quarterly groundwater monitoring activities between the dates of October 2012 and May 2013. CRA reviewed NEF's Year 1 Quarter 3 Interim Groundwater Monitoring Report dated May 2013. The report states that groundwater samples collected from monitoring wells MW-12R and MW-16 returned concentrations of arsenic exceeding its GCTL per Table I of Chapter 62-777, FAC. Groundwater samples from MW-2R, MW-9R, and MW-15R returned concentrations of arsenic exceeding its GCTL and NADSC per Table I and Table V of Chapter 62-777, FAC.

Appendix A includes the Figures and Tables from NEF's Interim Groundwater Monitoring Report dated May 2013 and NEF's Final Excavation Areas Figure.

Interim Groundwater Monitoring Report August 2013

As a continuation of the groundwater monitoring program proposed by NEF, CRA completed the Year 1 Quarter 4 Interim Groundwater Monitoring activities in August 2013. The groundwater analytical results reported arsenic concentrations exceeding its GCTL per Table I of Chapter 62-777, FAC in wells MW-2R, MW-9R, MW-10, MW-12R, MW-13R, MW-14, MW-15R, and MW-16 and arsenic concentrations exceeding the NADSC per Table V of Chapter 62-777, FAC in wells MW-2R, MW-9R, MW-12R, and MW-15R. The results showed an increase in arsenic concentrations from the May 2013 sampling event conducted by NEF in wells MW-2R, MW-9R, MW-10, MW-12R, and MW-15R. Given that this monitoring event followed the recent source



removal activities, CRA expected to observe a decrease in arsenic concentrations during the August 2013 sampling event.

Based on the August 2013 groundwater sampling event, CRA recommended continuing groundwater monitoring and analysis for an additional quarter in order to properly address the arsenic source.

Appendix B includes the Figures and Tables from CRA's Interim Groundwater Monitoring Report dated August 2013.

6.0 NOVEMBER 2013 YEAR 2 QUARTER 1 (Y2/Q1) INTERIM GROUNDWATER MONITORING

On November 26 and 27, 2013, CRA completed the Y2/Q1 groundwater monitoring activities at the Site.

During the sampling event, depth to water was gauged in thirteen (13) monitoring wells (MW-1, MW-3, MW-4, MW-5, MW-8, MW-9R, MW-10, MW-11, MW-12R, MW-13R, MW-14, MW-15R, and MW-16.)

Using the previously-established top of casing elevation from NEF, groundwater elevations were calculated. Using the calculated elevations from each gauged well, groundwater flow direction, based on the horizontal gradient, was determined. Top of well casing elevations, depth-to-water measurements, and groundwater elevations are summarized in **Table 1**.

Groundwater samples were collected from each monitoring well through dedicated disposable polyethylene tubing. All samples were collected by the 'after peristaltic pump' (APP) method directly into appropriately-preserved, laboratory-supplied containers. Groundwater samples collected on November 26th and 27th, 2013 from MW-8, MW-9R, MW-10, MW-11, MW-12R, MW-13R, MW-14, MW-15R, and MW-16 were analyzed by Jupiter Environmental Laboratories (JEL, certificate E86546) for total arsenic (by EPA method 200.8).

Groundwater sampling logs (form FD-9000-24) and field equipment calibration forms (form FD-9000-8) for the November 26 and 27, 2013 sampling event are included in **Appendix C**. Groundwater elevation contours and the direction of groundwater flow are presented as **Figure 4**. During the November 2013 sampling event, the average depth of groundwater was determined to be approximately 7.74 feet bls, equivalent to an average elevation of 4.69-feet. The water table exhibited an average drop of 0.99 feet since the August 2013 groundwater sampling event.

Groundwater elevation contours indicate an overall groundwater flow direction toward the northeast and southeast. The average hydraulic gradient is calculated to be approximately 0.00202 feet per foot (ft/ft). The groundwater flow directions are similar to those mapped from previous groundwater gauging events.



The concentrations of arsenic detected in monitoring wells MW-9R, MW-13R, MW-15R, and MW-16 exceeded the NADSC of 100 µg/L per Table V of Chapter 62-777, FAC. The concentrations of arsenic detected in monitoring wells MW-10 and MW-12R exceeded the GCTL of 10 µg/L per Chapter 62-777, FAC but were below the NADSC of 100 µg/L per Table V of Chapter 62-777, FAC. Monitoring wells MW-8, MW-11, and MW-14, returned arsenic below the GCTL of 10 µg/L per Chapter 62-777, FAC.

A historical groundwater arsenic analytical summary is included in **Table 2**. A groundwater analytical results summary map for the arsenic is presented as **Figure 5**.

The laboratory analytical reports and corresponding chains of custody for the November 26th and 27th, 2013 sampling event are included as **Appendix C**.

7.0 SUPPLEMENTAL ASSESSMENT AND SOURCE REMOVAL ACTIVITIES

Based on CRA's review of the historical groundwater monitoring activities, CRA undertook an investigation of the areas where monitoring wells returned arsenic concentrations exceeding the NADSC per Table V of Chapter 62-777, FAC for supplemental source removal activities. In addition, CRA undertook investigation activities involving supplemental assessment and source removal next to the Golf Course Storage & Maintenance Building where NEF previously indicated that excavation activities remained incomplete.

7.1 Maintenance Area Assessment and Source Removal

7.1.1 MW-2R and MW9R

CRA began source removal activities in the vicinity of MW-9R and MW-2R, as depicted in **Figure 3**, in October 2013, where elevated concentrations of arsenic in the groundwater exceeded the NADSC per Table V of Chapter 62-777, FAC and where a soil sample collected by NEF returned a concentration of toxaphene exceeding its C-SCTL per Table II of Chapter 62-777, FAC. The Chemical Storage and Superintendent Residence Building was demolished prior to initiation of source removal activities. Soil excavation activities in the maintenance area continued on and off from October 2013 to January 2014. The excavated soil was either temporarily stockpiled on visqueen (for subsequent load-out) or stockpiled on the impervious paved parking lot and covered with visqueen to prevent leaching of any storm water-related runoff.

Supplemental source removal occurred at the southern portion of the east wall (SW-E3) and the central portion of the south wall (SW-S1), as depicted on **Figure 6**, in January 2014, where the initial laboratory confirmation samples returned concentrations of arsenic exceeding its C-SCTL, per Table II of Chapter 62-777, FAC.

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BROWARD ENVIRONMENTAL
PROTECTION DEPARTMENT
PPRAQ

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2.0 RESULTS AND DATA EVALUATION

2.1 Groundwater Quality Evaluation of Study Area

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions



Groundwater Sampling - February 2016

Hillsboro Technology Center

50 Fairway Drive

Deerfield Beach, Broward County, FL

Broward County Environmental Protection & Growth Management Department (EPGMD)

1 North University Drive, 102A

Plantation, FL 33324

GHD Services Inc.

3380 Fairlane Farms Road, Suite 12 Wellington Florida 33414

094981 | 04 | Report No 1 | June 06 2016

GHD Services Inc. (GHD) has prepared this report summarizing groundwater sampling activities conducted in February 2016 for the Hillsboro Technology Center property, formerly known as the Deerfield Country Club, (i.e., the "Site" or "Property") located at 50 Fairway Drive in Deerfield Beach, Broward County, Florida. **Figure 1** depicts a Site Location Map. Groundwater sampling was conducted to evaluate potential impact to groundwater as a result of ongoing construction activities. The next planned groundwater sampling event is May 2016.

1.0 GROUNDWATER SAMPLING

Between February 17 and February 18, 2016, GHD completed groundwater sampling of monitoring wells MW-3, MW-6, MW-7R, MW-8, MW-11, MW-12R, MW-15R, MW-16R, and MW-17. Upon arrival at the Site for the February 2016 sampling event, monitoring well MW-10 was observed to be destroyed due to construction activities associated with the stormwater retention pond's development in the northeast portion of the Site.

Each monitoring well was purged and sampled in accordance with the FDEP Standard Operating Procedures (SOP) 001/01 for Field Sampling, FS 2200 (Groundwater Sampling). A variable-speed, reversible peristaltic pump equipped with disposable polyethylene tubing was used to purge and sample the monitoring wells. During the purging, field parameters including pH, temperature, dissolved oxygen, specific conductance, and turbidity were measured until the parameters stabilized. The stability parameter limits were as follows: temperature, ± 0.2 °C; pH, ± 0.2 standard units (SU); specific conductance, $\pm 5.0\%$ of reading; dissolved oxygen, ± 0.2 mg/L or 10% (whichever is greater); and turbidity, ± 5 Nephelometric Turbidity Units (NTUs) or 10% (whichever is greater). During purging, oxidation-reduction potential readings were also recorded in millivolts (mV).

Groundwater samples were collected from each monitoring well through dedicated disposable polyethylene tubing. All samples were collected by the 'after peristaltic pump' (APP) method directly into appropriately-preserved, laboratory-supplied containers. The groundwater samples were analyzed by Jupiter Environmental Laboratories (JEL, certificate E86546) for the following parameters:

- Total Arsenic using EPA Method 200.8
- Dissolved Arsenic using EPA Method 200.8 (filtered in field)
- Dieldrin and Toxaphene using EPA Method 8081

Groundwater sampling logs (form FD-9000-24) and field equipment calibration forms (form FD-9000-8) for the February 17 and February 18, 2016 sampling event are included in **Appendix A**.

2.0 RESULTS AND DATA EVALUATION

2.1 Groundwater Quality: Evaluation of Sampling Results

Monitoring wells MW-3, MW-6, and MW-8 returned total arsenic concentrations of 35 ug/L, 35 ug/L, and 34 ug/L, respectively, which exceed the GCTL of 10 ug/L per Table I of Chapter 62-777, Florida Administrative Code (FAC). Monitoring wells MW-7R, MW-11, MW-12R, MW-15R, MW-16R, and MW-17 respectively returned total arsenic concentrations of 1.7i ug/L, 0.65 ug/L, 10 ug/L, 5.0 ug/L, 2.2 ug/L, 0.65 ug/L, all below the GCTL of 10 ug/L per Table I of Chapter 62-777, FAC. The analytical results returned similar concentrations of dissolved arsenic to the total arsenic concentrations in the sampled wells. Monitoring wells MW-3, MW-6, MW-8, and MW-12R returned dissolved arsenic concentrations of 33 ug/L,

37 ug/L, 34 ug/L, and 13 ug/L respectively, which exceed the GCTL of 10 ug/L. Monitoring wells MW-7R, MW-11, MW-15R, MW-16R, and MW-17 returned dissolved arsenic concentrations of 1.5i ug/L, 0.65u ug/L, 3.6 ug/L, 1.6i ug/L, 0.65u ug/L, respectively, which is below the GCTL of 10 ug/L. None of the sampled wells returned total or dissolved arsenic concentrations exceeding the NADSC of 100 ug/L per Table V of Chapter 62-777, FAC.

All of the sampled wells returned dieldrin and toxaphene concentrations below their respective laboratory method detection limits (reported with a U qualifier), and less than the dieldrin GCTL of 0.002 ug/L and the toxaphene GCTL of 3 ug/L per Table I of Chapter 62-777, FAC.

A historical groundwater arsenic analytical summary is included in **Table 1**. A groundwater analytical results summary map for the arsenic is presented as **Figure 2**.

The laboratory analytical reports and corresponding chains of custody for the February 17 and 18, 2016 sampling event are included as **Appendix B**.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions

On February 17 and 18, 2016, GHD mobilized to the Site to sample existing monitoring wells MW-3, MW-6, MW-7R, MW-8, MW-11, MW-12R, MW-15R, MW-16R, and MW-17. Upon arrival to the Site for the February 2016 sampling event, monitoring well MW-10 was observed to be destroyed due to construction activities associated with the development of a stormwater retention pond in the northeast portion of the Property.

Laboratory analytical results yielded total arsenic concentrations exceeding the GCTL of 10 ug/L per Table I of Chapter 62-777, FAC in three wells (MW-3, MW-6, and MW-8). None of the sampled monitoring wells returned total or dissolved arsenic concentrations exceeding the NADSC of 100 ug/L per Table V of Chapter 62-777, FAC. Monitoring wells MW-7R, MW-11, MW-12R, MW-15R, MW-16R, and MW-17 returned concentrations of arsenic at or below the GCTL of 10 ug/L per Table I of Chapter 62-777, FAC. All of the sampled monitoring wells returned concentrations of toxaphene and dieldrin below their respective GCTLs per Table I of Chapter 62-777, FAC.

3.2 Recommendations

Based on the results of the February 2016 groundwater sampling event, we recommend continued groundwater monitoring and analysis of total and dissolved arsenic, in monitoring wells MW-3, MW-6, MW-7R, MW-8, MW-11, MW-12R, MW-15R, MW-16R, and MW-17. Due to the presence of a stormwater retention pond under construction and based on historical groundwater concentrations below the applicable GCTL since August 2014, GHD does not recommend re-installing MW-10.

The next scheduled quarterly monitoring event is expected to occur in May 2016.

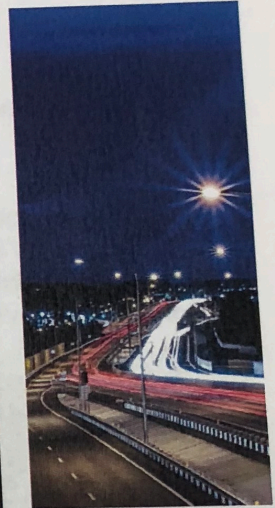
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50 Fairway Drive

BROWARD ENVIRONMENTAL
PROTECTION DEPARTMENT
PRADD

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IDENTIFICATION



No Further Action Proposal

Hillsboro Technology Center
Park Parcel B
Deerfield Beach, Florida

Broward County Environmental Protection and Growth Management Department (EPGMD)
1 North University Drive, 102A
Plantation, FL 33324

Introduction

GHD has prepared this No Further Action Proposal for the Community Center (referred to as Park Parcel B) located in the southeast portion of the Hillsboro Technology Center (HTC) property. The Hillsboro Technology Center, formerly known as the Deerfield Beach Golf Course, (i.e., the "Site" or "Property"), is located in Deerfield Beach, Broward County, Florida. A Site Location Map depicting the boundaries of Park Parcel B relative to the HTC property, as well as surrounding property, is shown as **Figure 1**.

Based on an agreement between Hillsboro Technology Center, LLC and the City of Deerfield Beach, the developer agreed to build the Community Center, driveway, parking, and sodded open space on the southeastern portion of the former golf course. Upon completion, the Community Center facility built on Park Parcel B would be deeded to the City of Deerfield Beach. **Appendix A** includes a copy of the Quit Claim Deed, Boundary Survey, and Title Commitment. The purpose of Park Parcel B is to serve as a community center for various functions intermittently used by the community.

The following summarizes the historical assessment sampling, soil management in the eastern portion of Park Parcel B involving the removal of the top two (2) feet of soil and its ultimate relocation, required final in-place soil testing in the open space area of the eastern portion of Park Parcel B, and a summary of groundwater monitoring performed on Park Parcel B.

2.0 Soil Assessment Activities

2.1 Park Parcel B Soil Assessment

Based on the soil sample results from Site Assessment activities and the proposed soil management strategy documented in the Hillsboro Technology Center's approved SMP/RAP, in July 2015 the top two feet of soil across the entire extent of the planned community center area was removed and relocated to the areas of the HTC's Building Pads C and D. The upper two (2) feet of soil that was removed is depicted on **Figure 2**. **Figure 2** also includes previous assessment data conducted throughout Park Parcel B. **Figure 2A** provides details of the eastern portion of Park Parcel B including specifics from the historical arsenic soil assessment and source removal activities. **Figure 2B** provides details of the eastern portion of Parcel B including specifics from the chlorinated pesticides assessment.

In October 2015 approximately 6,000 cubic yards of replacement fill (on-Site re-use soil), which yielded analytical results below the applicable Soil Cleanup Target Levels (SCTLs), was installed to replace the excavated upper two feet of soil in the Park Parcel B. Details of the replacement fill sampling were provided in our Soil Management Update - Quarter 2 dated July 6, 2016.

2.2 Final In-Place Soil Sampling

Following placement of soil in Park Parcel B and completion of construction activities involving the community center, parking, roadway, driveways, and sod; GHD mobilized on October 25, 2016 to collect in-place soil samples in accordance with Broward County's February 23, 2015 approval of the SMP/RAP. **Appendix B** includes the County's February 23, 2015 review correspondence.

Approximately 18 soil borings (RC-1 through RC-18), installed on a grid pattern spaced approximately 100 feet on center, as depicted on boundary survey plan included as **Figure 3**. Each boring was advanced to a depth of approximately two (2) feet below land surface (bls) using a stainless steel hand auger. RC-1 was advanced to a depth of approximately 2.5 feet. **Appendix C** includes the soil boring logs. Soil samples were collected from depth intervals of 0-6" bls and 6"-2' (6"-2.5' at RC-1) bls. Collected soil samples were submitted to NELAC-certified Jupiter Environmental Laboratories, Inc. (JEL) for analysis of the following:

- Total arsenic using EPA method 6020
- Chlorinated pesticides using EPA method 8081

Laboratory analytical results reported arsenic with a concentration of 4 milligrams per Kilogram (mg/Kg) from 6"-2.5' at RC-1 and 2.3 mg/Kg at RC-8, each exceeding the Direct Exposure Residential Soil Cleanup Target Level (DE-RSCTL) per Table II of Chapter 62-777, Florida Administrative Code (F.A.C.). Remaining arsenic concentrations were below the DE-RSCTL.

Using the Florida Department of Environmental Protection's 95% Upper Confidence Limit (UCL) calculator, the interval of 0-6" returned a UCL 95 value of 1.5 mg/Kg and the interval of 6"-2' returned a value of 1.6 mg/Kg. The respective UCL 95 values are each below the DE-RSCTL. **Appendix D** includes copies of the UCL 95 calculations.

Laboratory analytical results reported dieldrin below the DE-RSCTL, but slightly above the leachability (L-SCTL) for the following:

- 0.00302 mg/Kg in RC-3 from 6"-2";
- 0.00328 mg/Kg in RC-5 from 6"-2"; and,
- 0.00399 mg/Kg in RC-8 from 0-6"

what about

RC-14 6"-2'	0.00233 mg/l
RC-7 6"-2'	0.00271
RC-13 6"-2'	0.00201
RC-14 6"-2'	0.00237

now

All remaining chlorinated pesticide concentrations were below the applicable SCTLs per Table II of Chapter 62-777, F.A.C.

Table 1 summarizes laboratory analytical results for the in-place soil sampling. **Appendix E** includes copies of the laboratory analytical results and corresponding chains of custody.

2.3 Park Parcel B Groundwater Monitoring

Based on historical monitoring in Park Parcel B, groundwater concentrations for chlorinated pesticides, including dieldrin, remain below the applicable Groundwater Cleanup Target Level (GCTL) per Table I of Chapter 62-777, F.A.C. Updated groundwater sampling results through September 2016 are included in **Figure 4**. **Table 2** is a historical groundwater analytical summary for monitoring wells on or near Park Parcel B.

A separate groundwater monitoring report detailing groundwater sampling activities throughout the Hillsboro Technology Center, LLC, including Park Parcel B, will be provided in a separate submittal.

Conclusions and Recommendations

Based on the in-place sampling, calculated 95% UCL arsenic concentrations for the upper 6" and 6"-2' bls are below the DE-RSCTL criteria per Table II of Chapter 62-777, F.A.C.

Dieldrin was reported slightly above the leachability SCTL in three (3) locations within the upper two feet of Park Parcel B.

Groundwater arsenic concentrations are confined to the northern portion of the Site and are not migrating offsite.

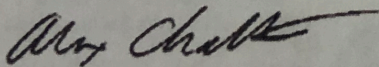
Based on the above, GHD proposes approval of No Further Action Risk Management Option Level II based on the following:

- Upper two feet of soil is below the applicable DE-RSCTL per calculated 95% UCL for Arsenic
- Dieldrin slightly above leachability criteria was reported in three locations but historical groundwater analytical results have remained below the GCTL for at least one year for monitoring wells sampled within Park Parcel B.
- Groundwater arsenic concentrations are confined to the northern portion of the Park Parcel B and are not migrating off-site.

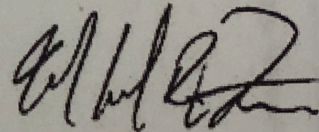
Should you have any questions, please feel free to contact us.

Sincerely,

GHD



Alex Chatham, P.E.
Senior Environmental Manager



Mike Fisher, P.G.
Senior Scientist

AC/jf

Encl.

cc: File

label to APP D 95% UCL depth?

Leachability of Dieldrin
not complete, only 2 locations
Sampled at 4 - 10/15/16
Soil removal replacement
event

why does the 95% UCL calculation
not include west part?

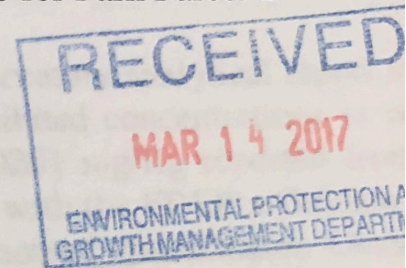
consider all conditions to RMO Level II

March 8, 2017
File No. 09217040.00

Mr. John Gomolka, P.G.
Broward County Environmental Protection & Growth Management Department
Pollution Prevention Division
One North University Drive, Suite A203
Plantation, Florida 33324

NF

Subject: Response to Broward County Letter dated December 22, 2016 for Park Parcel B
And No Further Action Proposal
Hillsboro Technology Center
50 Fairway Drive
Deerfield Beach, Broward County, Florida 33441
EAR License No. 1068



Dear Mr. Gomolka:

This letter is in response to the above-referenced comment letter provided in **Attachment A** for the Park Parcel B depicted on the Site Plan provided as **Figure 1**.

Comment 1: *The spacing of the 0-2' soil samples collected for the Hillsboro Technology Center Park Parcel B (Parcel B) does not appear to be in accordance with the spacing requirements included in the Division's February 23, 2015 Review letter. Please investigate and address the spacing requirement as needed.*

Response 1: Please note an attempt was made to comply with spacing requirement; however, obstructions including trees and utilities required adjustments of the soil boring locations. complied with the 50' spacing requirement where accessible.

Comment 2: *It does not appear that 95% UCL Calculation addresses the entire plot for Parcel B that will be deeded to the City. This calculation should represent the entire area to be restricted. The Division also requires you include the calculation input data and also label the out-put sheet to identify depths associated with the out-put sheets. Note that the two sheets provided in Appendix D have similar UCL's but are not identified or labelled.*

Response 2: This calculation has been revised to include the entire plot for Park Parcel B. Recalculated data has been included in **Attachment B**. The laboratory analytical data for samples collected on August 28, 2014 and October 25, 2016, designated OS and respectively was used to calculate the 95% Upper Confidence Limit (95% UCL) of the arsenic concentration yielding a concentration of 1.5 milligrams per kilogram (mg/Kg) for 6 inch interval and 1.5 mg/Kg for 6-24 inch sample interval. The soil laboratory analytical data is summarized on **Table 1**. **Figure 2** depicts the data and locations used for the 95% UCL.

CONCLUSIONS AND RECOMMENDATIONS

Based on the in-place soil sampling, the calculated 95% UCL arsenic concentrations for the upper 6" and 6"-2' bls are below the DE-RSCTL criteria per Table II of Chapter 62-777, F.A.C.

Dieldrin retested below the applicable leachability criteria at RC-3, RC-5, RC-7, RC-8, RC-10 and RC-14 for the upper two-foot interval.

Groundwater arsenic concentrations are confined to the northern portion of the Site and are not migrating offsite.

Based on the above, SCS proposes approval of No Further Action Risk Management Option Level III based on the following:

- Upper two feet of soil is below the applicable DE-RSCTL per calculated 95% UCL for arsenic and below the applicable dieldrin leachability criteria.
- Groundwater arsenic concentrations are confined to the northern portion of the Park Parcel B and are not migrating off-site.

The planned restrictions for Park Parcel B include the following:

- The upper two feet of soil will act as an Engineering Control for the soil beneath.
- Groundwater withdrawal use, including but not limited, to consumptive use or irrigation.

Attachment D includes a copy of the State of Florida License for SCS Engineers attesting they are authorized to offer engineering services in Florida. Please note that an updated License will be forwarded upon receipt.

SCS ENGINEERS

March 30, 2018
File No. 09217155.00

Mr. John Gomolka, P.G.
Environmental Protection and Growth Management Department
Broward County Pollution Prevention Division
One North University Drive, Suite A203
Plantation, Florida 33324

EPGMD EEPD APR 2 '18

**Re: Hillsboro Technology Center
Broward County License # 1068
200 Hillsboro Technology Drive
Deerfield Beach, Broward County, Florida**

Response expected
Friday 4-27

Subject: NFAC Proposal for the Building A Parcel

Dear Mr. Gomolka:

SCS Engineers (SCS), on behalf of Hillsboro Technology Center, LLC (Client) respectfully requests the Broward County Environmental Engineering and Permitting Division (EPPD) grant a Level II No Further Action with Conditions (NFAC) closure in accordance with Paragraph 62-780.680 (2), F.A.C. SCS submits this NFAC Plan for the Building A Parcel based on sampling activities presented in the *Response to Broward County Letter dated August 29, 2016 for Proposed Playground Engineering Control*, dated March 3, 2017, prepared and submitted by SCS and historical data presented in the *Proposed Playground*, dated June 17, 2016, prepared and submitted by GHD. The NFAC includes both institutional and engineering control restrictions encompassing the impervious areas of Building A, the landscaped asphalt parking lots, and the outdoor playground area located next to Building A in the southeast portion of the Site, herein referenced as the Building A Parcel. A Site Layout, highlighting the Building A Parcel is presented as **Figure 1**.

The *Response to Broward County Letter dated August 29, 2016 for Proposed Playground Engineering Control*, dated March 3, 2017, prepared by SCS included documentation for the soil analysis conducted in the within the Building A parcel. **Figure 2** from this report is attached showing the locations of the soil samples collected and the corresponding concentrations of contaminants of concern found in the soil samples collected. As shown on **Figure 2**, analysis of soil samples exhibiting concentrations greater than the Commercial Soil Cleanup Target Level (CSCTL) for total arsenic exist below the asphalt parking lot with the parking lot serving as the engineering control. A commercial land use only restriction in conjunction with the surface cover including the specialized surface cover at the playground will eliminate exposure to the subsurface soils.

The concentration of Dieldrin in the soil sample, collected from SB-24, was reported by the laboratory to be slightly above the leachability SCTL. However, there is no indication that Dieldrin is leaching into the groundwater as shown by the groundwater sample analysis conducted for the *Remedial Action Implementation Report (RAIR)* prepared by SCS dated May 2017. Therefore, it is our opinion that the impermeable layer (Building and parking lot) will be sufficient to control Dieldrin in the soils in the vicinity of SB-24.

Because the top 2-feet of soil cover and subsurface specifications at the proposed playground, building pads and covered parking areas serve as engineering controls, an Engineering Control and Maintenance Plan (ECMP) for the Building A Parcel is provided as **Attachment A** to document the integrity of the controls. Upon approval by EEPD, the ECMP will serve as an exhibit to the Property Title Institutional Control to be submitted under separate cover by the Client's legal counsel.

Groundwater analysis provided in the RAIR indicate the concentration of arsenic exceeds the Groundwater Cleanup Target Level (GCTL) in some of the most recent groundwater samples analyzed, however, concentrations appear stable and do not appear to be migrating offsite. Therefore, a groundwater use restriction is proposed to address the groundwater arsenic impacts. **Figure 3** depicts the historical groundwater results in relation to Building A Parcel.

SCS proposes NFAC for the Building A Parcel which includes the following:

- Commercial/Industrial land use restriction.
- Engineering Controls (top 2-feet of soil cover and subsurface specifications in the proposed playground, building pads and landscaped, asphalt parking lots). *what about landscaped in parking area*
- As detailed in the playground cover specifications (**Attachment B**) provided in the July 28, 2016 response letter prepared by GHD and the March 3, 2017 response letter prepared by SCS):
 - o Installation of the two-inch poured in place (PIP) rubber surfacing as playground ground cover, and;
 - o Installation of the synthetic turf in the infant/toddler play area.
- Groundwater Withdrawal Restriction.

INTRODUCTION

SCS Engineers (SCS) has prepared this Remedial Action Implementation Report for Phase I of the Hillsboro Technology Center property, formerly known as the Deerfield Beach Country Club, (i.e., the "Site" or "Property") located at 50 Fairway Drive (now 200 Hillsboro Technology Drive) in Deerfield Beach, Broward County, Florida. A Site Location Map depicting the boundaries of the Property as well as surrounding property is shown in **Figure 1**.

As the project is being completed in phases, this phase includes the construction of Buildings C & D, Northeast Lake, East Lake, West Lake, Southeast Lake, and associated landscape areas.

A No Further Action Proposal for Park Parcel B, dated November 28, 2016 and subsequent Park Parcel B Responses dated March 8th, 2017 were submitted under separate cover to Broward County.

A Soil Management Plan/Remedial Action Plan (SMP/RAP), dated February 13, 2015, was submitted and approved by the Broward County Environmental Protection and Growth Management Department (EPGMD) on February 23, 2015.

Below details the soil management activities which occurred from May 2015 to February 2017. Please note that soil management activities from May 2015 through November 2016 were conducted by GHD Services Inc. (GHD) while activities from February 2017 to the present were conducted by SCS.

2.0 MAY 2015 TO FEBRUARY 2017 SOIL MANAGEMENT ACTIVITIES

2.1 COMMUNITY CENTER/OPEN LAWN IN THE SOUTHEAST PORTION OF PROPERTY

Based on the soil sample results from Site Assessment activities and the proposed soil management strategy documented in the SMP/RAP, the top two feet of soil within the entirety of the planned community center area was removed and relocated to Building Pads C and D as depicted on **Figure 2**.

2.2 WEST LAKE

From May to June 2015, the top approximately four (4) feet of soil from the West Lake was excavated and relocated to Building Pads C and D as shown on **Figure 2**.

verify this is the Recreation Center depicted on Figure 2



Hillsboro Technology Center
 Remedial Action Implementation Report
 Phase I

EPGMD EEPD MAY31

Presented to:

Broward County Environmental Protection
 and Growth Management Department (EPGMD)
 1 North University Drive, 102A

**Broward County Environmental Protection
 and Growth Management Department (EPGMD)**
 1 North University Drive, 102A
 Plantation, FL 33324

Presented from:

SCS ENGINEERS
 1900 NW Corporate Boulevard, Suite W110
 Boca Raton, Florida

Presented by:

SCS ENGINEERS
 1900 NW Corporate Boulevard, Suite W110
 Boca Raton, FL 33431
 (954) 571-9200

May 2017
 File No. 09217040.00

CONCLUSIONS AND RECOMMENDATIONS

any Under use

In accordance with the approved SMP/RAP, soil management activities included the relocation of soil exceeding the applicable SCTLs to below impervious areas of the Site. Contaminants of concern testing below the applicable SCTLs remained in open space areas or in cases of excess soil were removed from the Site.

Following completion of construction activities, in-place soil sampling was completed in open space areas of the Site. Based on the in-place soil sampling, calculated 95% UCL arsenic concentrations for the 0-6" and 6"-2' bls and 0-2' bls are below the DE-RSCTL criteria per Table II of Chapter 62-777, FAC.

Dieldrin was reported slightly above the leachability SCTL in four (4) locations in the Eastern Landscape area and around Building D within the upper two feet. (C)

Based on the above, SCS proposes approval of No Further Action Risk Management Option Level II based on the following:

- Upper two feet of soil remaining in open space areas is below the applicable Commercial/Industrial SCTL per calculated 95% UCL for arsenic ✓
- Groundwater concentrations have historically remained stable or shrinking with no apparent migration.
- Dieldrin in soil slightly above leachability criteria was reported in four locations; however, Site-wide historical groundwater analytical results have remained below the GCTL for at least one year of groundwater monitoring. As demonstrated historically as a golf course with pervious soil throughout, no demonstrative levels of dieldrin have exceeded the GCTL.

Such as it is... which 4? list EL- SP-1, 3, 10 Bld

The planned restrictions for Phase I include the following:

Commercial Industrial Restriction for Soil

- Groundwater withdrawal use, including but not limited, to consumptive use or irrigation.

*will be restricted
Do you mean GW Restriction?*

*NFAP
as discussed
Norman*

1 Introduction

Conestoga-Rovers & Associates (CRA) has prepared this Soil Management Plan (SMP)/Remedial Action Plan (RAP) for the Deerfield Beach Country Club property (Site) located at 50 Fairway Drive in Deerfield Beach, Broward County, Florida. A Site Plan depicting the boundaries of the Property as well as surrounding property is shown in **Figure 1**.

Currently, the Site consists of approximately 75-acres of developed golf course land located in a predominantly commercial and residential area. The Site adjoins: the Hillsboro Canal to the north with residential neighborhood beyond; Fairway Drive to the south with Hillsboro Boulevard and professional office buildings beyond; professional office buildings and a Hilton Hotel to the west; and a residential neighborhood and a BB&T bank branch office to the east.

Planned improvements for the subject Property include the construction of commercial/industrial warehouses, paved parking, and interconnected roadways. Stormwater retention areas will be located in the southern and northeastern portions of the Site. A 3,800 square foot (SF) community center is planned in the southeastern portion of the Site along with surrounding open lawn space.

2.0 Purpose of Plan

The purpose of this plan is to provide guidance for the management of soil during the site development phase where proposed construction may result in the excavation and onsite relocation of impacted soil. Concentrations of target contaminants may exceed the Residential Direct Exposure Soil Cleanup Target Level (R-SCTL) but are less than the Commercial Direct Exposure Soil Cleanup Target Level (C-SCTL) per Table II of Chapter 62-777, Florida Administrative Code (FAC). This Plan also includes a discussion of the proposed response to the discovery of any soil with target contaminant concentrations above the Commercial Direct Exposure C-SCTL either through offsite disposal or onsite relocation beneath impervious surfaces (pavement or foundation) or proposed designated engineering control.

Also included are the proposed methods to control the dispersion of dust that may be generated as a result of site redevelopment activities. Such procedures may be revised/expanded, as appropriate, while the development construction work progresses to include information, methodologies, and procedures associated with any changes in work scope and/or site conditions.

The procedures and protocols outlined in the following subsections identify the management tasks, including the earthwork sequencing, characterization testing/sampling, storage, re-use, transportation and/or disposal of wastes related to soil encountered during project activities.

The SMP/RAP describes the proper procedures to minimize the potential for any adverse impact to the Site workers, the general public, and/or the environment.

2.1 Summary of Assessment Data

2.1.1 Soil

From August 2012 to July 2013, studies conducted by Nutting Environmental of Florida (NEF) detected concentrations of arsenic and toxaphene above their respective R-SCTLs and C-SCTLs per Table II of

Chapter 62-777, FAC. Both contaminants were detected in the golf course maintenance area of the Site. Concentrations of arsenic exceeding its C-SCTL, toxaphene exceeding its R-SCTL, and dieldrin exceeding its L-SCTL were detected in the golf course's tees, greens, and fairways.

In December 2013, CRA collected supplemental site assessment samples in the vicinity of golf course equipment storage and maintenance building. The laboratory analytical results returned concentrations of arsenic exceeding its R-SCTL but below its C-SCTL per Table II of Chapter 62-777, FAC.

Based on the proposed land use of the Property (described earlier), supplemental assessment was completed at three proposed lake locations" the West Lake, East Lake, and Northeast Lake. Additionally, CRA performed supplemental assessment in proposed open space areas on the southeastern portion of the Site.

Soil samples returned arsenic concentrations below the C-SCTL at all locations. An arsenic concentration of 5.9 milligrams per Kilogram (mg/Kg) detected in West Lake sample WL-3 (0-6") was the highest reported arsenic concentration from the supplemental soil assessment.

The following figures depict the soil boring locations and laboratory analytical results related to the Property's proposed land use:

Figure 2 depicts the soil boring locations and arsenic results throughout the Property;

Figure 2a depicts the soil boring locations and arsenic results in the maintenance area where the proposed community center will be located;

Figure 3 depicts the soil boring locations and chlorinated pesticide results throughout the Property; and

Figure 3a depicts the soil boring locations and chlorinated pesticide results in the maintenance area where the proposed community center will be located.

2.1.2 Groundwater

Between May 2011 and May 2013, groundwater sampling conducted by NEF detected concentrations of arsenic exceeding its respective Groundwater Cleanup Target Level (GCTL) per Table I of Chapter 62-777, FAC in the majority of the onsite wells. NEF's final groundwater monitoring event in May 2013, followed their final source removal activities. That event yielded concentrations of arsenic exceeding its Natural Attenuation Default Source Criteria (NADSC) per Table V of Chapter 63-777, FAC in monitoring wells MW-2R, MW-9R, and MW-15R. That same event yielded concentrations of arsenic exceeding its GCTL per Table I of Chapter 62-777, FAC in monitoring wells MW-12R and MW-16.

Based on the results from historical monitoring events and NEFs final groundwater monitoring event, CRA conducted source removal activities centered on monitoring wells MW-12R, MW-7R, MW-13R, MW-2R, MW-9R, MW-15R, and MW-1R. Following the source removal and backfilling activities, CRA completed Interim Groundwater Monitoring (IGM) events in May, August, and September 2014. All of the IGM events returned concentrations of arsenic below its NADSC per Table V of Chapter 62-777, FAC in all of the monitoring wells. Arsenic concentrations were below its GCTL per Table I of Chapter 62-777, FAC in monitoring wells MW-11, MW-10, MW-7R, MW-12R, MW-13R, MW-8, MW-14, MW-15R and MW-16R.

Figure 4 depicts the monitoring well locations and corresponding laboratory groundwater analytical results relative to the proposed land use.

3.0 Soil Management Strategy

The mapped contaminant plan will be used during the construction phase to identify soil impacts exceeding the R-SCTL for arsenic per Table II of Chapter 62-777, FAC in subsurface preparation areas so they can be relocated on-site under foundations, parking lot pavement, or 2-feet of clean fill.

Each area of the Property as it relates to onsite soil management is broken down as follows:

3.1 Community Center / Open Lawn in the Southeast Portion of Property / East Lake

Remaining sampled soil concentrations in this area where the lawn space and community center is proposed are as follows:

Arsenic

- 0-6" - below laboratory detection limits to 5.9 mg/Kg
- 6"-2' - below laboratory detection limits to 5.76 mg/Kg
- 2'-4' - below laboratory detection limits to 3.9 mg/Kg
- 4'-6' - below laboratory detection limits to 8.8 mg/Kg
- 6'-8' (saturated) - below laboratory detection limits to 2.5 mg/Kg

Dieldrin

- 0-6" - below laboratory detection limits
- 2-4' - below laboratory detection limits

Toxaphene

- 0-6" - below laboratory detection limits
- 0-2' - below laboratory detection limits to 100 ug/kg
- 2-4' - below laboratory detection limits
- 4-6' - below laboratory detection limits

The soil management strategy is the removal of the top two feet of soil in the maintenance area for relocation to planned impervious areas of the site. The calculated volume of soil to be removed and managed beneath impervious cover is estimated to be approximately 6,400 cubic yards. This area is shown in green on the attached **Figures 5, 5a and 5b**.

Once the top two feet is removed, clean fill confirmed through laboratory analysis that indicate results are below the applicable Park direct exposure criteria of 5.5 mg/Kg will be used as replacement fill at this location.

It is anticipated that the source of clean backfill for this excavation will be soil excavated from the proposed East Lake to be developed just west of this location. Based on laboratory analysis, soil concentrations in the proposed East Lake location are as follows:

Arsenic

- 0-6" - below laboratory detection limits to 3.7 mg/Kg
- 6"-2' - 0.23 to 2.3 mg/Kg

- 0-2' - below laboratory detection limits to 5.6 mg/Kg
- 2'-4' - below laboratory detection limits to 11 mg/Kg
- 4'-6' - below laboratory detection limits to 4.4 mg/Kg

According to Figures 5 and 5a, the locations where arsenic exceeds 5.5 mg/Kg are primarily in the eastern portion of the proposed East Lake. Therefore, during development the soil excavated from the eastern portion of the East Lake will be segregated and stockpiled separately from the soils excavated from the western portion of the proposed East Lake.

It is recommended that, starting at surface grade, the soil excavated from the proposed East Lake be scraped from one foot depth intervals into $\pm 5,000$ cubic yard segregated stockpiles. Composite soil samples collected from each stockpile will be submitted to a NELAC-certified laboratory for analysis of total arsenic using EPA 6020 and chlorinated pesticides using EPA method 8081. Assuming the depth of the excavation will be approximately 6 feet below land surface, it is anticipated that approximately $\pm 26,000$ cubic yards of soil will be managed accordingly. Assuming that one composite soil sample will be collected for every 5,000 cubic yards stockpiled, this will equate to an estimated 5 composite soil samples collected for analysis. Depending on the results from the initial analysis, Synthetic Precipitation Leachate Procedure (SPLP) may need to be performed on select samples.

If results for arsenic for the stockpile samples are below 5.5 mg/Kg and meet the leaching criteria, the excavated material will be placed in the community center area.

For stockpile samples that return arsenic results between 2.1 and 12 mg/Kg and chlorinated pesticides that exceed leachability criteria, the soil will be placed beneath impervious areas of the Property. Soil that exceeds 12 mg/Kg will be removed for proper offsite disposal or placed beneath proposed impervious cover onsite.

If any dark organic soil is encountered during the excavation activities, it will be segregated in a separate stockpile and evaluated to determine if it can be mixed and used with structural fill beneath impervious cover. Please note this evaluation will need to be conducted by a licensed Geotechnical Engineer. This layer was evident in several areas of the Property near the observed water table at a depth of approximately 5 to 7 feet and varied in thickness throughout the Property.

If any excavated soil (whether blended or not) is relocated to proposed open space areas of the Property, CRA will conduct in-situ testing of one soil boring every 200 feet with samples collected from 0-2', 2-4' depending upon placement depth of excavated material.

3.2 West Lake

Remaining sampled soil concentrations in the area where the proposed West Lake will be constructed are as follows:

Arsenic

- 0-6" - below laboratory detection limits to 18 mg/Kg
- 6"-2' - below laboratory detection limits to 17 mg/Kg
- 2'-4' - below laboratory detection limits to 2.6 mg/Kg
- 4'-6' - below laboratory detection limits to 4.0 mg/Kg

Dieldrin

0-6" - below laboratory detection limits to 31 micrograms per kilogram (ug/Kg)
 6"-2' - below laboratory detection limits to 11 ug/Kg

Toxaphene

0-6" - below laboratory detection limits to 190 ug/Kg
 6"-2' - below laboratory detection limits to 77 ug/Kg

According to **Figure 5**, it appears the highest levels of arsenic impact are in the central portion of the proposed West Lake. Therefore, soil excavated from the central portion of the West Lake will be segregated and stockpiled separately from the remainder of the soil excavated to create the proposed lake. **Figure 6** depicts the chlorinated pesticides concentrations in the West Lake area.

It is recommended that starting at surface grade, the soil excavated from the proposed West Lake be scraped from one foot depth intervals into $\pm 5,000$ cubic yard segregated stockpiles. Composite soil samples collected from each formed stockpile will be submitted to a NELAC-certified laboratory for analysis of total arsenic using EPA 6020 and chlorinated pesticides using EPA method 8081. Assuming the depth of the excavation will be approximately 6 feet below land surface, it is anticipated that approximately $\pm 30,000$ cubic yards of soil will be managed accordingly. Assuming that one composite soil sample will be collected for every 5,000 cubic yards stockpiled, this will equate to an estimated 6 composite soil samples collected for analysis. Depending on the results from the initial analysis, SPLP may need to be performed on select samples.

For stockpile samples that return arsenic results between 2.1 and 12 mg/Kg and chlorinated pesticides that exceed leachability criteria, the soil will be placed beneath impervious areas of the Property. Soil that exceeds 12 mg/Kg will be removed for proper offsite disposal or placed beneath proposed impervious cover onsite. *If below detection limit*

If any dark organic soil is encountered during the excavation activities, it will be segregated in a separate stockpile and evaluated to determine if it can be mixed and used with structural fill beneath impervious cover. Please note this evaluation will need to be conducted by a licensed Geotechnical Engineer. This layer was evident in several areas of the Property near the observed water table at a depth of approximately 5 to 7 feet and varied in thickness throughout the Property.

If any excavated soil (whether blended or not) is relocated to proposed open space areas of the Property, CRA will conduct in-situ testing of one soil boring every 200 feet with samples collected from 0-2', 2-4' depending upon placement depth of excavated material.

3.3 Northeast Lake

Remaining sampled soil concentrations in this area where proposed Northeast Lake will be constructed are as follows:

Arsenic

0-6" - below laboratory detection limits to 4.2 mg/Kg
 6"-2' - below Residential SCTL



- 2'-4' - below laboratory detection limits to 2.7 mg/Kg
- 4'-6' - below laboratory detection limits to 2.7 mg/Kg
- 6'-8' - below Residential SCTL

Dieldrin

4-6' - below laboratory detection limits

Toxaphene

4-6' - below laboratory detection limits

According to **Figure 5**, the highest arsenic concentration occurred at a depth of 0-6" in the southern portion of the proposed Northeast Lake. **Figure 6** depicts the chlorinated pesticide concentrations in the Northeast Lake.

It is recommended that starting at surface grade, the soil excavated from the proposed Northeast Lake be scraped from one-foot depth intervals into $\pm 5,000$ cubic yard segregated stockpiles. Composite soil samples collected from each formed stockpile will be submitted to a NELAC-certified laboratory for analysis of total arsenic using EPA 6020 and chlorinated pesticides using EPA method 8081. Assuming the depth of excavation will be approximately 8 feet below land surface, it is anticipated that approximately $\pm 60,400$ cubic yards of soil will be managed accordingly. Assuming that one composite soil sample will be collected for every 5,000 cubic yards stockpiled, this will equate to an estimated 12 composite soil samples collected for analysis. Depending on the results from the initial analysis, SPLP may need to be performed on select samples.

For stockpile samples that return arsenic results between 2.1 and 12 mg/Kg and chlorinated pesticides that exceed leachability criteria, the soil will be placed beneath impervious areas of the Property. Soil that exceeds 12 mg/Kg will be removed for proper offsite disposal or placed beneath proposed impervious cover onsite.

If any dark organic soil is encountered during the excavation activities, it will be segregated in a separate stockpile and evaluated to determine if it can be mixed and used with structural fill beneath impervious cover. Please note this evaluation will need to be conducted by a licensed Geotechnical Engineer. This layer was evident in several areas of the Property near the observed water table at a depth of approximately 5 to 7 feet and varied in thickness throughout the Property.

If any excavated soil (whether blended or not) is relocated to proposed open space areas of the Property, CRA will conduct in-situ testing of one soil boring every 200 feet with samples collected from 0-2', 2-4' depending upon placement depth of excavated material.

3.4 Remaining Areas of the Property

Soil with arsenic and chlorinated pesticides concentrations above applicable CTLs over the remaining areas of the Property will be maintained in-place beneath an engineered control consisting of either an impervious surface cover (pavement or building foundation) or 2-feet of clean fill.

Any soil excavated for utility construction will be segregated and managed for either offsite disposal, relocation to proposed EC (impervious cover) areas of the site or reused onsite as clean fill. **Figures 5**

and 6 depict the remaining soil concentrations throughout the Property. When the soil is removed and blended, to ensure that the soil is properly segregated, CRA will conduct subsequent sampling of the stockpiled soil onsite as follows:

Composite soil samples will be collected from each formed stockpile and submitted to a NELAC-certified laboratory for analysis of total arsenic using EPA 6020 and chlorinated pesticides using EPA method 8081. We propose collecting one composite soil sample every $\pm 5,000$ cubic yards of soil stockpiled. Depending on the initial analysis results, SPLP may need to be performed.

For stockpile samples that return arsenic results between 2.1 and 12 mg/Kg and chlorinated pesticides that exceed leachability criteria, the soil will be placed beneath impervious areas of the Property. Soil that exceeds 12 mg/Kg will be removed for proper offsite disposal or placed beneath proposed impervious cover onsite.

If any excavated soil (whether blended or not) is relocated to proposed open space areas of the Property, CRA will conduct in-situ testing of one soil boring every 200 feet with samples collected from 0-2', 2'-4' depending upon placement depth of excavated material.

A majority of the Property will consist of impervious cover and any contaminated soil remaining will be placed beneath roadways, parking areas, or buildings. Contaminated soil in proposed open spaces will be relocated to proposed impervious areas of the Property.

Consideration will be made for offsite disposal, if necessary. Broward County will be notified prior to performing any offsite disposal.

3.5 Documentation of Pile and Fill Locations During Development Phase

An onsite representative will serve as liaison to keep a written record of soil excavation and stockpiling as part of the construction activities. The onsite representative will be responsible for documenting the locations where the soil is ultimately moved to on the Property or otherwise, its proper removal for offsite disposal. GPS coordinates will be used to document soil transposition locations.

4.0 Material Staging and Handling

Activities that may result in the handling of impacted soils during the construction phase include earthwork, structural modifications, and the installation of new subsurface infrastructure. However, the measures set forth here are intended to minimize or eliminate exposure to construction workers during typical construction activities and associated timeframes and there is no concern of risk. Construction activities are expected to involve duration of weeks or months compared to the risk scenario involving a duration of 25 years.

The procedures of this SMP are intended to limit direct exposure during the construction activities such as excavation, grading, structural modifications, and the installations of new subsurface infrastructure. Given that the soil impact does not exceed the C-SCTL for arsenic, the exposure to construction workers during typical site development activities are not considered a risk. To minimize mobilization of the environmentally-sensitive soils, care should be taken to minimize dust emissions (see Section 5.0).

1.0 Introduction

1.1 Purpose

The purpose of this Interim Source Removal Plan is to bring the Deerfield Country Club golf course property (the Property) into appropriate compliance with the requirements of Chapter 62-780, Florida Administrative Code (F.A.C.), taking into account the intended redevelopment of the golf course into a commercial/industrial center featuring warehouses. Compliance will be achieved through a mixture of soil management and strategic source removal, as discussed in this plan. Appendix A includes a copy of Broward County Environmental Protection and Growth Management (EPGMD) letter dated November 29, 2011 requesting the submittal of this Interim Source Removal Plan.

1.2 Background

Based on a review of historical records and correspondence with Deerfield Country Club personnel, the Property has been used as a golf course since the early 1960s. Prior to that time, the Property was vacant, undeveloped land since at least 1947, the date of the earliest available aerial photograph.

Limited information is available regarding the historical operations with respect to the storage, use, and application of pesticides and herbicides. Based on the information available, it appears that from the late 1960s until the 1990s, monosodium methanearsonate (MSMA), fungicides, and fertilizers were applied to the golf course playing areas for turf maintenance. Herbicides, pesticides, fungicides, and fertilizer were historically kept in a storage building/supervisor's quarters located in the maintenance area on the southeastern portion of the Property. Reportedly, chemical mixing and loading as well as equipment cleaning was performed in the maintenance area. Currently, no arsenic-based herbicides, pesticides, or fertilizers are stored, maintained and/or used at the Property.

Two approximately 500-gallon aboveground storage tanks containing vehicular diesel fuel and unleaded gasoline have historically been used for fueling of site equipment. Both tanks are located within secondary containment in the maintenance area. Minor equipment repair and maintenance also took place within golf cart maintenance building located on the west side of the maintenance area.

1.3 Future Intended Use

The future intended use of the Property is redevelopment for commercial warehouses. A site plan for the development of the Property is attached as Appendix B. NEF understands that the proposed site plan has been submitted to the City of Deerfield Beach and is substantially through the approval process. The site plan shows the proposed future locations of warehouse buildings, limited areas of green space, and a future stormwater retention area in the eastern/southeastern portion of the Property.



2.0 Data Analysis

To address possible impacts associated with the historical chemical use at the Property, groundwater and soil assessment activities were performed throughout the golf course playing areas and the maintenance area. Assessment activities are documented in NEF's September 2011 Site Assessment Report and August 2012 Site Assessment Report Addendum. Additional groundwater monitoring activities performed in October 2012 are documented in the October 29, 2012 Interim Groundwater Monitoring Report.

Assessment activities indicated the presence of arsenic in soil and groundwater samples at varying concentrations throughout the Property. Dieldrin and toxaphene were identified to a lesser areal extent on the property. Several areas of arsenic soil concentrations above the Direct Exposure Commercial/Industrial Soil Cleanup Target Level (SCTL) were identified in the maintenance area as well as at isolated areas of the course. Toxaphene was reported above the Commercial/Industrial exposure criteria at one soil sample location in the maintenance area. Additionally, elevated concentrations of arsenic above the Groundwater Cleanup Target Level (GCTL) were identified in several monitoring wells. Tables 1 through 4 present the soil analytical results. Table 5 presents the groundwater analytical results from the monitoring wells including the October 24, 2012 groundwater sampling event. Figures 1 and 2 depict both detected soil and groundwater concentrations above cleanup target levels in the golf course playing field and maintenance area, respectively.

The results of soil and groundwater testing in the area of the aboveground storage tanks for VOAs, PAHs, and TRPH did not indicate any concentrations above their respective SCTLs and GCTLs. Therefore, this plan does not propose any remedial action with respect to the aboveground storage tanks area.

Interim Source Removal Plan

Underlying Basis for Source Removal Plan

In preparing this proposed Interim Source Removal Plan, NEF has taken into account the future intended use of the Property for redevelopment as a commercial/industrial site containing warehouses. Therefore, the focus of the proposed source removal activities is two-fold: 1) the removal of known contaminated soils in those areas where a significant groundwater issue has been previously identified (i.e., the maintenance area); and 2) identification and removal of suspected soil sources in other areas in the golf playing fields where elevated arsenic concentrations in the groundwater have been identified. It is not proposed to remove all soil that is above the Direct Exposure Commercial/Industrial SCTL for the contaminants of concern, as the redeveloped Property will be characterized by primarily impervious surfaces to prevent direct exposure to any contaminated soils that remain *in situ* post removal.

3.2 Maintenance Area

It is proposed to undertake significant source removal to address arsenic impacts in the former maintenance area. Source removal in this area will involve removal of soil identified as exhibiting concentrations exceeding the Direct Exposure Commercial/Industrial SCTL for arsenic and toxaphene in the maintenance area at the locations depicted on Figure 2. The proposed site development plan includes a large stormwater retention area in this location. Therefore, excavation activities in this area will be extended below the depth of the watertable (approximately 5 to 6 feet below land surface (BLS)).

Following removal, confirmation samples will be collected and analyzed for the presence of total arsenic using EPA method 6020 and chlorinated pesticides using EPA method 8081. Excavated soil that do not meet the applicable SCTL for commercial criteria will be transported off-site for disposal at a licensed facility. Manifests will be provided confirming the amount that has been removed.

An estimated 400 cubic yards of soil will be removed for off-site disposal. This estimate is based on an assumption of three excavation areas, consisting of 1) an approximately 15' x 15' square shaped area (area of SB-38) to be excavated to approximately six feet BLS; 2) an approximately 30' x 15' rectangular shaped area (area of SB-34 and S-8) to be excavated to approximately six inches BLS; and 3) an approximately 40' x 50' L-shaped area (area south/southeast of chemical storage building) to be excavated to approximately six feet BLS, as shown on Figure 2. Excavations areas one and three are anticipated to be excavated to an approximate depth of six (6) feet BLS, while excavation area 2 is anticipated to be excavated to an approximate depth of six inches BLS. During source removal activities, a staging area will be created adjacent to the excavation areas, with removed soils stockpiled on top of visqueen and covered by visqueen to prevent contact with rainfall or runoff. Excavated soils will be transported offsite for proper disposal.

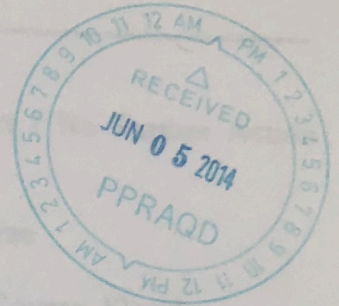
3.3 Investigatory Areas on Golf Course Playing Areas

On the golf course playing areas, it is proposed to undertake additional soil assessment in areas where samples from the existing groundwater monitoring wells located near the western property boundary indicate the presence of concentrations of arsenic exceeding the Natural Attenuation Default Criteria (NADC), as set forth in Table V of Chapter 62-777, F.A.C. As shown on Figure 1, groundwater sampling in monitoring wells MW-7, MW-12, and MW-15 have indicated arsenic concentrations above the NADC. Therefore, it is proposed to undertake investigatory assessment of the soil in these areas to determine if there is a potential source area contributing to the elevated concentrations in these wells. Based on the results of the investigatory assessment, strategic source removal may be warranted. If source removal is





CERTIFICATION



**SITE ASSESSMENT REPORT ADDENDUM /
INTERIM SOURCE REMOVAL REPORT /
NO FURTHER ACTION PROPOSAL**

**Deerfield Beach Golf Course
50 Fairway Drive
Deerfield Beach, Broward County, Florida**

Prepared for:

**Broward County Environmental Protection and
Growth Management Department (EPGMD)
1 North University Drive, 102A
Plantation, FL 33324**

**Prepared by:-
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**JUNE 2014
REF. NO. 094981.01**



1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) has prepared this Site Assessment Report Addendum/Interim Source Removal Report/No Further Action Proposal (SARA/ISRR/NFAP) for the Deerfield Beach Golf Course Property in Deerfield Beach, Broward County, Florida (the "Site") for submittal to the Broward County Environmental Protection and Growth Management Department (EPGMD). A site location map is presented as **Figure 1**. A site map illustrating the boundary of the Site and the adjoining properties is presented as **Figure 2**.

To satisfy the requirements of Chapter 62-780, Florida Administrative Code (FAC), field activities were conducted in accordance with guidelines for assessment and source removal. Sampling was conducted in accordance with the applicable Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOPs) dated December 2008.

2.0 SITE AND VICINITY DESCRIPTION

Deerfield Beach Golf Course (Site) is located at 50 Fairway Drive in Deerfield Beach, Broward County, FL and currently consists of approximately 75-acres of developed land. The Property adjoins: Hillsboro Canal to the north followed by residential neighborhood; Fairway Drive to the south with Hillsboro Boulevard and professional office buildings beyond; professional office buildings and a Hilton Hotel to the west; and residential neighborhood and Bank Atlantic to the east. The area predominantly consists of residential and commercial properties.

On-Site features include a paved entry from Fairway Drive followed by a paved parking lot area and club house. The maintenance area is located northeast from the club house and currently consists of an equipment storage building. Northwest of the club house sits the golf cart storage building. The golf course playing areas are located west of the entrance and north of the club house.

A chemical mixing and storage area/supervisors quarters previously existed in the northeast portion of the maintenance area. It has been reported that herbicides, pesticides, fungicides, and fertilizer have historically been stored in this area. The chemical mixing and storage area/supervisors quarters were demolished in 2013.

According to the Broward County Property Appraiser, the Property is currently owned by Gator Development Group LLC.



4.2 Hydrogeology

The geologic/hydrogeologic formations underlying Broward County may be described as three (3) aquifer systems; the Surficial/Biscayne Aquifer System, the Intermediate Confining System and the Floridan Aquifer System.

The Surficial Aquifer System is comprised of all saturated sediments from the water table down to relatively impermeable sediments of the Intermediate Confining Unit overlying the Floridan

Aquifer System. The Surficial Aquifer is recharged by rainfall and leakage from surface water bodies. The Surficial Aquifer is an unconfined, heterogeneous system that consists of sand, shells and silts from the water table to the top of the Biscayne Aquifer System.

The Biscayne Aquifer is comprised of extremely permeable, massive biogenic limestone and extends to the silts and clays of the Intermediate Confining System. Beneath the Intermediate Confining System lies the Floridan Aquifer System, which is composed of a thick sequence of limestones and dolomites.

The Floridan Aquifer is composed of a thick sequence of limestones and dolomites. Geologic and hydraulic data on the Floridan Aquifer System in Broward County is limited and detailed maps of the system are not available.

5.0 BACKGROUND

Based on a review of historical records and correspondence with Deerfield Country Club personnel, the Property has been used as a golf course since the early 1960s. Prior to that time, the Property was vacant, undeveloped land since at least 1947, the date of the earliest available aerial photograph.

Limited information is available regarding the historical operations with respect to the storage, use, and application of pesticides and herbicides. Based on the information available, it appears that from the late 1960s until the 1990s, monosodium methanearsonate (MSMA), fungicides, and fertilizers were applied to the golf course playing areas for turf maintenance. Herbicides, pesticides, fungicides, and fertilizer were historically kept in a storage building/supervisor's quarters located in the maintenance area on the southeastern portion of the Property. Reportedly, chemical mixing and loading as well as equipment cleaning were performed in the maintenance area. Currently, no arsenic-based herbicides, pesticides, or fertilizers are stored, maintained and/or used at the Property.

Two approximately 500-gallon aboveground storage tanks containing vehicular diesel fuel and unleaded gasoline were historically used for fueling of site equipment. Both tanks were located within secondary containment in the maintenance area. Minor equipment repair and maintenance also took place within the Golf Course Equipment Storage and Maintenance



Building located on the west side of the maintenance area. See **Figures 2 and 3** depicting the Maintenance Area.

5.1 Historical Reports

Site Assessment Report Addendum (SARA) Prepared by Nutting Environmental:

CRA reviewed a Site Assessment Report Addendum (SARA) dated August 2012, prepared by Nutting Environmental of Florida (NEF), INC. As part of NEF's Site Assessment Report, soil

sampling was conducted around the golf course maintenance area for laboratory analysis of arsenic and pesticides, on the east side of the concrete secondary containment structure (at the drain valve) for laboratory analysis of VOAs, PAHs, TRPH, and arsenic, as well as locations throughout the golf course playing areas for laboratory analysis of arsenic, dieldrin, and toxaphene.

The laboratory analytical results from the east side of the concrete secondary containment structure (at the drain valve) were reported below the method detection limits and/or Residential Direct Exposure and/or Leachability Soil Cleanup Target Level (SCTL), as listed in Chapter 62-777, FAC for all the parameters tested. The laboratory analytical results from the soil samples collected from the golf course maintenance area returned concentrations of arsenic above its Residential and Commercial Direct Exposure SCTLs, as listed in Chapter 62-777, FAC and concentrations of toxaphene exceeding both the Residential and Commercial Direct Exposure SCTLs, as listed in Chapter 62-777, FAC. The laboratory analytical results from the golf course playing areas returned concentrations of arsenic exceeding its C-SCTL, toxaphene exceeding its R-SCTL, and dieldrin exceeding its R-SCTL.

As part of the NEF's SARA, groundwater sampling activities were performed at existing monitoring wells (MW-1, MW-2, and MW-5 – MW-7) and "newly" installed wells (MW-9 through MW-16).

Groundwater samples collected from monitoring wells MW-1, MW-2, MW-6, MW-7, MW-9, MW-12, MW-13, and MW-15 exceeded both the arsenic Groundwater Cleanup Target Level (GCTL) and Natural Attenuation Default Source Criteria (NADSC) per Table I and V of Chapter 62-777, FAC, respectively. Groundwater samples collected from monitoring wells MW-3, MW-5, MW-14, and MW-16 exceeded the arsenic GCTL per Table I of Chapter 62-777, FAC.

Based on the soil sampling results, NEF recommended the preparation of a Soil Management Plan to address the arsenic and organochlorine pesticide contaminated soils on the golf course playing areas as well as the golf course maintenance area.

NEF also recommended a monitoring only plan be implemented at the Site to perform two quarters of groundwater monitoring to assess the trends in plume migration and attenuation.

NEF concluded that additional assessment of petroleum contaminants does not appear warranted.



Appendix A includes the Figures and Tables from NEF's SARA dated August 2012.

Interim Source Removal Plan (ISR) Prepared by Nutting Environmental:

CRA reviewed the Interim Source Removal Plan (ISR) dated December 2012, prepared by NEF. The plan addresses the removal of soils in the maintenance area and the identification and removal of suspected soil sources in areas of the golf course playing field where elevated arsenic concentrations in the groundwater have been identified above the NADSC per Table V of Chapter 62-777, FAC.

Within the maintenance area, the ISR plan proposed to remove soil from three excavation areas. Following the removal of soil in the maintenance area, the ISR plan reports that confirmation samples will be collected and analyzed for the presence of total arsenic and chlorinated pesticides (in select areas).

Within the golf course playing area, the ISR plan proposed to undertake additional soil assessment around monitoring wells MW-7, MW-12, and MW-15, where the groundwater samples returned arsenic concentrations exceeding the NADSC per Table V of Chapter 62-777, FAC. Based on the additional soil assessment, NEF states that source removal may be warranted in these areas.

As part of NEF's Soil Management Plan (SMP), NEF reports that the soil exceeding the commercial/industrial criteria will be managed in place during site development activities. NEF's SMP also includes the use of institutional and/or engineering controls, such as placement beneath building slabs, other impervious cover, and cover with two feet of clean fill.

The ISR states that any excavated soils that exceeds the Direct Exposure Commercial/Industrial SCTL per Table II of Chapter 62-777, FAC for the contaminants of concern will be transported offsite for proper disposal.

Source Removal Status Report May 2013:

CRA reviewed NEF's Source Removal Status Report dated May 2013 which followed NEF's ISR. The report states that initial source removal activities occurred at the three excavation areas within the maintenance area and at MW-12, MW-13, and MW-15 between the dates of March 18 and March 21, 2013.

At MW-12, MW-13, and MW-15 it is reported that the soils were excavated within an approximately 5' radius to a depth of approximately 8-10 feet below land surface (bls).

Within the maintenance area it is reported that the three excavation areas consisted of:

- 1) An approximately 30' x 15' rectangular shaped area to a depth of approximately six inches bls;
- 2) an approximately 15' X 15' square shaped area to a depth of approximately six feet bls;



3) an approximately 40' X 50' L-shaped area to a depth of approximately six feet bls.

Once the initial excavation activities were complete, NEF reportedly collected soil samples from the sidewalls and bottom of the excavation areas for laboratory analysis of organochlorine pesticides (in select areas) and arsenic. NEF states that the laboratory analysis results warranted additional excavation. It appeared that the toxaphene exceedence above the respective C-SCTL in the eastern excavation was removed during NEF's source removal activities.

Upon submittal of this report, final excavation activities occurred on April 23, 2013 and NEF concluded that the source removal activities are complete with the exception of area 2.

Appendix A includes the Figures from NEF's Source Removal Status Report dated May 2013.

Source Removal Status Report July 2013:

CRA reviewed NEF's Source Removal Status Report dated July 2013. This report addresses the additional excavation activities at excavation area 2, within the maintenance area, referenced in NEF's May 2013 Source Removal Status Report.

Based on laboratory analytical results, NEF reports that additional source removal activities to the south and east of excavation area 2 may be warranted but due to the potential undermining of the building foundation (Golf Course Equipment Storage and Maintenance Building), excavation activities were put on hold.

Interim Groundwater Monitoring Report May 2013:

NEF conducted quarterly groundwater monitoring activities between the dates of October 2012 and May 2013. CRA reviewed NEF's Year 1 Quarter 3 Interim Groundwater Monitoring Report dated May 2013. The report states that groundwater samples collected from monitoring wells MW-12R and MW-16 returned concentrations of arsenic exceeding its GCTL per Table I of Chapter 62-777, FAC. Groundwater samples from MW-2R, MW-9R, and MW-15R returned concentrations of arsenic exceeding its GCTL and NADSC per Table I and Table V of Chapter 62-777, FAC.

Appendix A includes the Figures and Tables from NEF's Interim Groundwater Monitoring Report dated May 2013 and NEF's Final Excavation Areas Figure.

Interim Groundwater Monitoring Report August 2013

As a continuation of the groundwater monitoring program proposed by NEF, CRA completed the Year 1 Quarter 4 Interim Groundwater Monitoring activities in August 2013. The groundwater analytical results reported arsenic concentrations exceeding its GCTL per Table I of Chapter 62-777, FAC in wells MW-2R, MW-9R, MW-10, MW-12R, MW-13R, MW-14, MW-15R, and MW-16 and arsenic concentrations exceeding the NADSC per Table V of Chapter 62-777, FAC in wells MW-2R, MW-9R, MW-12R, and MW-15R. The results showed an increase in arsenic concentrations from the May 2013 sampling event conducted by NEF in wells MW-2R, MW-9R, MW-10, MW-12R, and MW-15R. Given that this monitoring event followed the recent source



removal activities, CRA expected to observe a decrease in arsenic concentrations during the August 2013 sampling event.

Based on the August 2013 groundwater sampling event, CRA recommended continuing groundwater monitoring and analysis for an additional quarter in order to properly address the arsenic source.

Appendix B includes the Figures and Tables from CRA's Interim Groundwater Monitoring Report dated August 2013.

6.0 NOVEMBER 2013 YEAR 2 QUARTER 1 (Y2/Q1) INTERIM GROUNDWATER MONITORING

On November 26 and 27, 2013, CRA completed the Y2/Q1 groundwater monitoring activities at the Site.

During the sampling event, depth to water was gauged in thirteen (13) monitoring wells (MW-1, MW-3, MW-4, MW-5, MW-8, MW-9R, MW-10, MW-11, MW-12R, MW-13R, MW-14, MW-15R, and MW-16.)

Using the previously-established top of casing elevation from NEF, groundwater elevations were calculated. Using the calculated elevations from each gauged well, groundwater flow direction, based on the horizontal gradient, was determined. Top of well casing elevations, depth-to-water measurements, and groundwater elevations are summarized in **Table 1**.

Groundwater samples were collected from each monitoring well through dedicated disposable polyethylene tubing. All samples were collected by the 'after peristaltic pump' (APP) method directly into appropriately-preserved, laboratory-supplied containers. Groundwater samples collected on November 26th and 27th, 2013 from MW-8, MW-9R, MW-10, MW-11, MW-12R, MW-13R, MW-14, MW-15R, and MW-16 were analyzed by Jupiter Environmental Laboratories (JEL, certificate E86546) for total arsenic (by EPA method 200.8).

Groundwater sampling logs (form FD-9000-24) and field equipment calibration forms (form FD-9000-8) for the November 26 and 27, 2013 sampling event are included in **Appendix C**. Groundwater elevation contours and the direction of groundwater flow are presented as **Figure 4**. During the November 2013 sampling event, the average depth of groundwater was determined to be approximately 7.74 feet bsl, equivalent to an average elevation of 4.69-feet. The water table exhibited an average drop of 0.99 feet since the August 2013 groundwater sampling event.

Groundwater elevation contours indicate an overall groundwater flow direction toward the northeast and southeast. The average hydraulic gradient is calculated to be approximately 0.00202 feet per foot (ft/ft). The groundwater flow directions are similar to those mapped from previous groundwater gauging events.



The concentrations of arsenic detected in monitoring wells MW-9R, MW-13R, MW-15R, and MW-16 exceeded the NADSC of 100 µg/L per Table V of Chapter 62-777, FAC. The concentrations of arsenic detected in monitoring wells MW-10 and MW-12R exceeded the GCTL of 10 µg/L per Chapter 62-777, FAC but were below the NADSC of 100 µg/L per Table V of Chapter 62-777, FAC. Monitoring wells MW-8, MW-11, and MW-14, returned arsenic below the GCTL of 10 µg/L per Chapter 62-777, FAC.

A historical groundwater arsenic analytical summary is included in **Table 2**. A groundwater analytical results summary map for the arsenic is presented as **Figure 5**.

The laboratory analytical reports and corresponding chains of custody for the November 26th and 27th, 2013 sampling event are included as **Appendix C**.

7.0 SUPPLEMENTAL ASSESSMENT AND SOURCE REMOVAL ACTIVITIES

Based on CRA's review of the historical groundwater monitoring activities, CRA undertook an investigation of the areas where monitoring wells returned arsenic concentrations exceeding the NADSC per Table V of Chapter 62-777, FAC for supplemental source removal activities. In addition, CRA undertook investigation activities involving supplemental assessment and source removal next to the Golf Course Storage & Maintenance Building where NEF previously indicated that excavation activities remained incomplete.

7.1 Maintenance Area Assessment and Source Removal

7.1.1 MW-2R and MW9R

CRA began source removal activities in the vicinity of MW-9R and MW-2R, as depicted in **Figure 3**, in October 2013, where elevated concentrations of arsenic in the groundwater exceeded the NADSC per Table V of Chapter 62-777, FAC and where a soil sample collected by NEF returned a concentration of toxaphene exceeding its C-SCTL per Table II of Chapter 62-777, FAC. The Chemical Storage and Superintendent Residence Building was demolished prior to initiation of source removal activities. Soil excavation activities in the maintenance area continued on and off from October 2013 to January 2014. The excavated soil was either temporarily stockpiled on visqueen (for subsequent load-out) or stockpiled on the impervious paved parking lot and covered with visqueen to prevent leaching of any storm water-related runoff.

Supplemental source removal occurred at the southern portion of the east wall (SW-E3) and the central portion of the south wall (SW-S1), as depicted on **Figure 6**, in January 2014, where the final laboratory confirmation samples returned concentrations of arsenic exceeding its C-SCTL, Table II of Chapter 62-777, FAC.

NF

BROWARD ENVIRONMENTAL
PROTECTION DEPARTMENT
PPRA00

2016 JUN -8 PM 2: 28



Contents

1.0 GROUNDWATER SAMPLING

2.0 RESULTS AND DATA EVALUATION

2.1 Groundwater Quality Evaluation of Assets

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions



Groundwater Sampling - February 2016

Hillsboro Technology Center

50 Fairway Drive

Deerfield Beach, Broward County, FL

Broward County Environmental Protection & Growth Management Department (EPGMD)

1 North University Drive, 102A

Plantation, FL 33324

GHD Services Inc.

3380 Fairlane Farms Road, Suite 12 Wellington Florida 33414

094981 | 04 | Report No 1 | June 06 2016



Hillsboro Technology Center Remedial Action Implementation Report Phase I

EPGMD EEPD MAY31

Presented to:

Broward County Environmental Protection
and Growth Management Department (EPGMD)
1 North University Drive, 102A

**Broward County Environmental Protection
and Growth Management Department (EPGMD)**
1 North University Drive, 102A
Plantation, FL 33324

Presented from:

SCS ENGINEERS
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May 2017
File No. 09217040.00

CONCLUSIONS AND RECOMMENDATIONS

and Under use

In accordance with the approved SMP/RAP, soil management activities included the relocation of soil exceeding the applicable SCTLs to below impervious areas of the Site. Contaminants of concern testing below the applicable SCTLs remained in open space areas or in cases of excess soil were removed from the Site.

Following completion of construction activities, in-place soil sampling was completed in open space areas of the Site. Based on the in-place soil sampling, calculated 95% UCL arsenic concentrations for the 0-6" and 6"-2' bls and 0-2' bls are below the DE-RSCTL criteria per Table II of Chapter 62-777, FAC.

Dieldrin was reported slightly above the leachability SCTL in four (4) locations in the Eastern Landscape area and around Building D within the upper two feet.

Based on the above, SCS proposes approval of No Further Action Risk Management Option Level II based on the following:

- Upper two feet of soil remaining in open space areas is below the applicable Commercial/Industrial SCTL per calculated 95% UCL for arsenic ✓
- Groundwater concentrations have historically remained stable or shrinking with no apparent migration.
- Dieldrin in soil slightly above leachability criteria was reported in four locations; however, Site-wide historical groundwater analytical results have remained below the GCTL for at least one year of groundwater monitoring. As demonstrated historically as a golf course with pervious soil throughout, no demonstrative levels of dieldrin have exceeded the GCTL.

Such as it is... which 4? list EL- SP-1, 3, 10 Bld

The planned restrictions for Phase I include the following:

Commercial Industrial Restriction for Soil

- Groundwater withdrawal use, including but not limited, to consumptive use or irrigation.

*will be restricted
Do you mean GW Restriction?*

*NFAP
as discussed
Norman*

Appendix C

ETDM Screening Report



Florida Department of Transportation

**RICK SCOTT
GOVERNOR**

605 Suwannee Street
Tallahassee, FL 32399-0450

**JIM BOXOLD
SECRETARY**

ETDM Summary Report

Project #14244 - I-95 from SW 10th St to Hillsboro Blvd

Final Programming Screen - Published on 07/11/2016

Generated by Anson Sonnett (on behalf of FDOT District 4)

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Introduction to Programming Screen Summary Report

The Programming Screen Summary Report shown below is a read-only version of information contained in the Programming Screen Summary Report generated by the ETDM Coordinator for the selected project after completion of the ETAT Programming Screen review. The purpose of the Programming Screen Summary Report is to summarize the results of the ETAT Programming Screen review of the project; provide details concerning agency comments about potential effects to natural, cultural, and community resources; and provide additional documentation of activities related to the Programming Phase for the project. Available information for a Programming Screen Summary Report includes:

- Screening Summary Report chart
- Project Description information (including a summary description of the project, a summary of public comments on the project, and community-desired features identified during public involvement activities)
- Purpose and Need information (including the Purpose and Need Statement and the results of agency reviews of the project Purpose and Need)
- Alternative-specific information, consisting of descriptions of each alternative and associated road segments; an overview of ETAT Programming Screen reviews for each alternative; and agency comments concerning potential effects and degree of effect, by issue, to natural, cultural, and community resources.
- Project Scope information, consisting of general project recommendations resulting from the ETAT Programming Screen review, permits, and technical studies required (if any)
- Class of Action determined for the project
- Dispute Resolution Activity Log (if any)

The legend for the Degree of Effect chart is provided in an appendix to the report.

For complete documentation of the project record, also see the GIS Analysis Results Report published on the same date as the Programming Screen Summary Report.

#14244 I-95 from SW 10th St to Hillsboro Blvd

District: District 4

County: Broward

Planning Organization: FDOT District 4

Plan ID: Not Available

Federal Involvement: FHWA Funding Other Federal Permit

Phase: Programming Screen

From:

To:

Financial Management No.: 436964-1-22-01

Contact Information: Shandra Davis-Sanders (954) 677-7896 shandra.davis@dot.state.fl.us

Snapshot Data From: Programming Screen Summary Report Re-published on 07/11/2016 by Anson Sonnett
Issues and Categories are reflective of what was in place at the time of the screening event.

	Social and Economic						Cultural			Natural				Physical							
	Land Use Changes	Social	Relocation Potential	Farmlands	Aesthetic Effects	Economic	Mobility	Section 4(f) Potential	Historic and Archaeological Sites	Recreation Areas	Wetlands	Water Quality and Quantity	Floodplains	Wildlife and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
Alternative #1	2	3	0	0	2	1	1	2	3	2	3	3	3	2	0	2	2	3	2	N/A	3
<i>Re-Published: 07/11/2016 Reviewed from 09/09/2015 to 10/24/2015</i>																					

Purpose and Need

Purpose and Need

The purpose of this project is to eliminate various existing operational and safety deficiencies along I-95 between and including the interchanges at SW 10th Street and Hillsboro Boulevard, and also on SW 10th Street and Hillsboro Boulevard in the vicinity of I-95. The primary need for the project is based on capacity/operational and safety issues, with secondary considerations for the needs of evacuation and emergency services, transportation demand, system linkage, modal interrelationships, and social demands and economic development.

Capacity/Operational Deficiencies

A need exists to improve traffic operations along I-95 between the SW 10th Street and Hillsboro Boulevard interchanges, especially at existing merge and diverge ramps that are the sources of traffic turbulence and collisions. The mainline directional volumes range from 4,400 to 5,850 vehicles per hour (vph) with ramp volumes from 800 to 1,250 vph at SW 10th Street and 400 to 1,000 vph at Hillsboro Boulevard.

Operational analyses along I-95 indicate that all freeway segments in the study area operate at Level of Service (LOS) D or better except for the following:

- The diverge segment at I-95 southbound (SB) off-ramp to SW 10th Street EB and WB during the AM and PM peak periods;
- The I-95 mainline segment between I-95 SB on-ramp from SW 10th Street eastbound (EB) and westbound (WB) and I-95 SB off-ramp to Sample Road EB and WB during the PM peak period;
- The I-95 mainline between I-95 SB On-Ramp from Palmetto Park Boulevard EB and I-95 SB Off-Ramp to Hillsboro Boulevard EB and WB during the AM peak period;
- The merge at I-95 SB on-ramp from Hillsboro Boulevard WB during AM and PM peak periods; and
- The diverge segment at I-95 northbound (NB) off-ramp to Hillsboro Boulevard EB during the AM peak period.

These conditions are existing concerns and are projected to worsen in the future if no action is taken. Year 2040 traffic projections show the mainline directional volumes ranging from 6,000 to 7,300 vph. Year 2040 peak hour directional volumes on I-95 Express are forecasted to range an additional 1,300 to 2,550 vph within the I-95 corridor.

Operational analyses under the "No Build" option in year 2040 reflects implementation of two major programmed improvements: 1) I-95 Express Phase 3 (two express travel lanes in each direction), and 2) I-95 Ramp Metering. All of the mainline freeway segments in the study area would operate at a deficient LOS (E or F) during one or both peak periods with the exception that the merge segment for I-95 SB On-Ramp from WB Hillsboro Boulevard would operate at LOS D during the PM peak hour.

Safety

A need exists to resolve safety issues within the project limits along I-95 as well as SW 10th Street and Hillsboro Boulevard. Crash analyses for the years 2008 through 2012 reveal that the I-95 project segment within the SW 10th Street interchange area is not a high crash segment but the I-95 segment within the Hillsboro Boulevard interchange area is classified as a high crash segment for four of the five study years. It should also be noted that the existing interchanges are closely located together and have short weave distances. Crash rates along SW 10th Street in the vicinity of I-95 exceed the statewide average for similar facilities for all five study years, but the segment along Hillsboro Boulevard in the vicinity of I-95 does not. Field observations indicate that the number of crashes along the Hillsboro Boulevard project segment may be influenced by queues extending from the railroad crossing into this area.

Evacuation and Emergency Services

The South Florida region has been identified by the National Oceanic and Atmospheric Administration (NOAA) as an area with a high degree of vulnerability to hurricanes and the Florida Division of Emergency Management has designated specific evacuation routes through the region. Both SW 10th Street and Hillsboro Boulevard are designated as emergency

evacuation routes from I-95 to SR 5/US-1 and A1A. I-95 is designated as an emergency evacuation route throughout Broward County. A need exists to enhance capacity and traffic circulation along evacuation routes to improve evacuation and enhance emergency response.

Transportation Demand

A need exists to improve capacity and safety while meeting transportation demand and maintaining consistency with other transportation plans and projects, such as the Broward County Interchange Master Plan (IMP) and I-95 Express Lanes Phase III Project. The project is included in the FDOT Work Program for fiscal years 2016 to 2020, where PD&E is scheduled for fiscal years 2015 and 2016 and PE is scheduled for fiscal years 2017 and 2018. The Broward County MPO 2035 Long Range Transportation Plan (LRTP) included improvements to all I-95 interchanges in Broward County under Illustrative Roadway Projects. Illustrative projects are those that cannot be included in the cost feasible plan due to financial constraints but could be included in a future approved Transportation Improvement Program.

System Linkage

A need exists to ensure that I-95 continues to meet the minimum requirements of a component of the state's Strategic Intermodal System (SIS) and the National Highway System (NHS), as well as provides access connectivity to other major arterials such as I-595 and Florida's Turnpike.

Modal Interrelationships

There exists a need for capacity improvements along the I-95 project corridor to enhance the mobility of public transit and goods by alleviating current and future congestion along the corridor and on the surrounding freight and transit networks. Reduced congestion will serve to maintain and improve viable access to the major transportation facilities and businesses of the area.

Increased mobility to public transit operations are needed and will benefit as a result of this project. Although no designated Broward County Transit (BCT) Routes are provided within the SW 10th Street interchange area, Hillsboro Boulevard is serviced by BCT Route #48, which provides a connection from SR 7 to Deerfield Beach including a direct connection to the Deerfield Tri-Rail Station located just west of the Hillsboro interchange.

Social Demands and Economic Development

Social and economic demands on the I-95 corridor will continue to increase as population and employment increase. The Broward County MPO 2035 LRTP predicted that the population would grow from 1.7 million in 2005 to 2.3 million by 2035, an increase of 29 percent. Jobs were predicted to increase from 0.7 to 1 million during the same time period, an increase of 37 percent. A need exists for the proposed improvements to support the predicted social and economic travel demands.

Project Description

This project proposes improvements to the I-95 partial cloverleaf interchanges at SW 10th Street and Hillsboro Boulevard and along I-95 from just south of the SW 10th Street interchange to just north of the Hillsboro Boulevard interchange (a distance of approximately 1.8 miles not including the length of the ramps) in Broward County, Florida (see Location Map in the EST). The project also proposes improvements along both SW 10th Street and Hillsboro Boulevard in the vicinity of I-95. The logical termini along SW 10th Street extend from just west of Military Trail east to SW Natura Boulevard, a distance of approximately 0.95 miles. Along Hillsboro Boulevard the improvements extend for approximately 0.97 miles from Goolsby Boulevard east to SW Natura Boulevard.

I-95 within the project limits currently has six general purpose lanes (three in each direction) and two High Occupancy Vehicle (HOV) lanes (one in each direction). This segment of I-95 is functionally classified as a Divided Urban Principal Arterial Interstate and has a posted speed limit of 65 miles per hour. The access management classification for this

corridor is Class 1.2, Freeway in an existing urbanized area with limited access. SW 10th Street is classified as a six lane divided State Principal arterial west of I-95 and as a six lane divided City Minor Arterial east of I-95. Hillsboro Boulevard is classified as a six-lane divided State Minor Arterial west of I-95 and as a State Principal Arterial east of I-95. Year 2013 AADT for I-95 was approximately 102,000 vehicles per day (vpd) NB and 102,000 vpd SB. Forecasted Year 2040 AADT for I-95 NB is approximately 129,000 vpd and 132,000 vpd SB in the vicinity of Hillsboro Boulevard, with 147,000 vpd NB and 146,000 vpd SB in the vicinity of SW 10th Street.

This project will evaluate the potential modification of the existing merge and diverge ramp areas at the SW 10th Street and Hillsboro Boulevard interchanges, consider the replacement of the existing SW 10th Street bridge over I-95 and the provision of a grade separation at the existing at-grade CSX Railroad crossing at Hillsboro Boulevard, located 1900 feet west of the existing interchange.

Summary of Public Comments

Summary of Public Comments is not available at this time.

Planning Consistency Status

Federal Consistency Determination

Date: 10/14/2015

Determination: CONSISTENT with Coastal Zone Management Program.

Lead Agency

Federal Highway Administration

Participating and Cooperating Agencies

Participating and Cooperating agencies are not applicable for this class of action.

Exempted Agencies

Agency Name	Justification	Date
US Coast Guard	US Coast Guard has requested to be exempt from reviewing any projects that do not impact navigable waterways.	08/28/2015
Federal Transit Administration	FTA has requested to be exempt from reviewing any non-transit projects.	08/28/2015

Community Desired Features

No desired features have been entered into the database. This does not necessarily imply that none have been identified.

User Defined Communities Within 500 Feet

No user defined communities were found within a 500 ft. buffer distance for this project.

Census Places Within 500 Feet

- DeLand Southwest

Purpose and Need Reviews

FDOT District 4

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/22/2015	Gaspar Jorge Padron (gaspar.padron@dot.state.fl.us)	No Purpose and Need comments found.

FL Department of Agriculture and Consumer Services

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/09/2015	Steve Bohl (Steve.Bohl@freshfromflorida.com)	No Purpose and Need comments found.

FL Department of Economic Opportunity

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/12/2015	Adam Biblo (adam.biblo@deo.myflorida.com)	No Purpose and Need comments found.

FL Department of Environmental Protection

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/14/2015	Lauren Milligan (lauren.milligan@dep.state.fl.us)	No Purpose and Need comments found.

FL Department of State

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/01/2015	Ginny Jones (ginny.jones@dos.myflorida.com)	none

FL Fish and Wildlife Conservation Commission

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/20/2015	Jennifer Goff (jennifer.goff@MyFWC.com)	No Purpose and Need comments found.

Federal Highway Administration

Acknowledgment	Date Reviewed	Reviewer	Comments
Accepted	10/22/2015	Luis Lopez (luis.d.lopez@dot.gov)	Planning consistency will need to be met before FHWA can approve the environmental document. The public needs to be aware of the funding situation and timeframe of the project development and delivery. The study area identified in the map just included on of the 3 ramps of the partial cloverleaf interchange. If this is correct, the PD&E needs to explain why those ramps were left out the study.

National Marine Fisheries Service

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	09/15/2015	Brandon Howard (Brandon.Howard@noaa.gov)	None

National Park Service

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/19/2015	Anita Barnett (anita_barnett@nps.gov)	No Purpose and Need comments found.

Natural Resources Conservation Service

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/14/2015	Rick Robbins (rick.a.robbins@fl.usda.gov)	No Purpose and Need comments found.

South Florida Water Management District

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/16/2015	Mindy Parrott (mparrott@sfwmd.gov)	No Purpose and Need comments found.

US Army Corps of Engineers

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/09/2015	Randy Turner (Randy.L.Turner@usace.army.mil)	No Purpose and Need comments found.

US Environmental Protection Agency

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	10/23/2015	Kim Gates (gates.kim@epa.gov)	No comments at this time.

US Fish and Wildlife Service

Acknowledgment	Date Reviewed	Reviewer	Comments
Understood	09/11/2015	John Wrublik (john_wrublik@fws.gov)	No Purpose and Need comments found.

The following organizations were notified but did not submit a review of the Purpose and Need:

- Seminole Tribe of Florida

Alternative #1

Alternative Description

Name	From	To	Type	Status	Total Length	Cost	Modes	SIS
Alternative was not named.	?	?	Widening	ETAT Review Complete	5.92 mi.		None Selected	Y

Segment Description(s)

Location and Length

Segment Record	Segment Name	Facility Name	Beginning Location	Ending Location	Length (mi.)	Roadway Id	BMP	EMP
S-001	Unnamed Segment	Unnamed Segment			5.92			

Jurisdiction and Class

Segment Record	Segment Name	Jurisdiction	Urban Service Area	Functional Class
S-001	Unnamed Segment			

Base Conditions

Segment Record	Segment Name	Year	AADT	Lanes	Config
S-001	Unnamed Segment				

Interim Plan

Segment Record	Segment Name	Year	AADT	Lanes	Config
S-001	Unnamed Segment				

Needs Plan

Segment Record	Segment Name	Year	AADT	Lanes	Config
S-001	Unnamed Segment				

Cost Feasible Plan

Segment Record	Segment Name	Year	AADT	Lanes	Config
S-001	Unnamed Segment				

Funding Sources

No funding sources found.

Project Effects Overview for Alternative #1

Issue	Degree of Effect	Organization	Date Reviewed
Social and Economic			
Land Use Changes	0 None	FL Department of Economic Opportunity	10/23/2015
Land Use Changes	2 Minimal	Federal Highway Administration	10/22/2015
Land Use Changes	2 Minimal	FDOT District 4	10/22/2015
Social	3 Moderate	US Environmental Protection Agency	10/24/2015
Social	2 Minimal	Federal Highway Administration	10/22/2015
Social	2 Minimal	FDOT District 4	10/22/2015
Relocation Potential	0 None	FDOT District 4	10/23/2015
Relocation Potential	0 None	Federal Highway Administration	10/22/2015
Farmlands	0 None	Federal Highway Administration	10/22/2015
Farmlands	0 None	Natural Resources Conservation Service	10/14/2015
Aesthetic Effects	2 Minimal	Federal Highway Administration	10/22/2015

Aesthetic Effects	2	Minimal	FDOT District 4	10/22/2015
Economic	0	None	FL Department of Economic Opportunity	10/23/2015
Economic	1	Enhanced	Federal Highway Administration	10/22/2015
Economic	1	Enhanced	FDOT District 4	10/22/2015
Mobility	1	Enhanced	Federal Highway Administration	10/22/2015
Mobility	1	Enhanced	FDOT District 4	10/22/2015
Cultural				
Section 4(f) Potential	2	Minimal	Federal Highway Administration	10/22/2015
Historic and Archaeological Sites	2	Minimal	Federal Highway Administration	10/22/2015
Historic and Archaeological Sites	3	Moderate	FL Department of State	10/01/2015
Recreation Areas	2	Minimal	US Environmental Protection Agency	10/23/2015
Recreation Areas	2	Minimal	Federal Highway Administration	10/22/2015
Recreation Areas	N/A	N/A / No Involvement	National Park Service	10/19/2015
Recreation Areas	2	Minimal	South Florida Water Management District	10/16/2015
Recreation Areas	2	Minimal	FL Department of Environmental Protection	10/14/2015
Natural				
Wetlands	3	Moderate	US Environmental Protection Agency	10/24/2015
Wetlands	2	Minimal	Federal Highway Administration	10/22/2015
Wetlands	2	Minimal	South Florida Water Management District	10/16/2015
Wetlands	2	Minimal	FL Department of Environmental Protection	10/14/2015
Wetlands	2	Minimal	US Army Corps of Engineers	10/09/2015
Wetlands	0	None	National Marine Fisheries Service	09/15/2015
Wetlands	2	Minimal	US Fish and Wildlife Service	09/11/2015
Water Quality and Quantity	3	Moderate	US Environmental Protection Agency	10/24/2015
Water Quality and Quantity	2	Minimal	Federal Highway Administration	10/22/2015
Water Quality and Quantity	2	Minimal	South Florida Water Management District	10/16/2015
Water Quality and Quantity	2	Minimal	FL Department of Environmental Protection	10/14/2015
Floodplains	3	Moderate	US Environmental Protection Agency	10/23/2015
Floodplains	2	Minimal	Federal Highway Administration	10/22/2015
Floodplains	2	Minimal	South Florida Water Management District	10/16/2015
Wildlife and Habitat	2	Minimal	Federal Highway Administration	10/22/2015
Wildlife and Habitat	2	Minimal	FL Fish and Wildlife Conservation Commission	10/20/2015

Wildlife and Habitat	0 None	FL Department of Agriculture and Consumer Services	10/09/2015
Wildlife and Habitat	2 Minimal	US Fish and Wildlife Service	09/11/2015
Coastal and Marine	0 None	Federal Highway Administration	10/22/2015
Coastal and Marine	0 None	South Florida Water Management District	10/16/2015
Coastal and Marine	0 None	National Marine Fisheries Service	09/15/2015
Physical			
Noise	2 Minimal	Federal Highway Administration	10/22/2015
Air Quality	2 Minimal	US Environmental Protection Agency	10/23/2015
Air Quality	2 Minimal	Federal Highway Administration	10/22/2015
Contamination	3 Moderate	US Environmental Protection Agency	10/23/2015
Contamination	3 Moderate	Federal Highway Administration	10/22/2015
Contamination	3 Moderate	South Florida Water Management District	10/16/2015
Contamination	3 Moderate	FL Department of Environmental Protection	10/14/2015
Infrastructure	2 Minimal	Federal Highway Administration	10/22/2015
Navigation	N/A N/A / No Involvement	Federal Highway Administration	10/22/2015
Navigation	N/A N/A / No Involvement	US Army Corps of Engineers	10/09/2015
Special Designations			
Special Designations	3 Moderate	US Environmental Protection Agency	10/23/2015
Special Designations	0 None	Federal Highway Administration	10/22/2015
Special Designations	0 None	South Florida Water Management District	10/16/2015

ETAT Reviews and Coordinator Summary: Social and Economic

Land Use Changes

Project Effects

Coordinator Summary Degree of Effect: 2 *Minimal* assigned 12/09/2015 by FDOT District 4

Comments:

This project will be completed within existing right-of-way. It is compatible with the existing and future land use patterns of the area and not anticipated to affect the land use patterns in the project area. FDEO indicated that the project is compatible with the community's development goals and marginally compatible with the local government comprehensive plan. FDEO assigned a degree of effect of None. FHWA assigned a degree of effect of Minimal and stated that minimal to no land use effects are expected. A Summary Degree of Effect of **Minimal** has been assigned to the Land Use Changes issue.

Public outreach will be conducted during the PD&E Stage in coordination with the Broward County MPO and the City of Deerfield to solicit feedback on potential adverse effects as a result of the project.

Degree of Effect: 0 *None* assigned 10/23/2015 by Matt Preston, FL Department of Economic Opportunity

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

The local government's comprehensive plan: City of Deerfield Beach Comprehensive Plan, January 28, 2014.

Comments on Effects to Resources:

Project compatibility with community development goals? Yes.

Project compatibility with the local government(s) comprehensive plan?

Marginally. Would temporarily mitigate Level of Service Standard deficiency for I-95. In contrast, Section 3.7.2 of the Transportation Element, Implementation of Future Expected Roadway Improvements specifies, that for I-95, alleviation of congestion will rely on transit enhancements planned for this corridor.

Is the project on the Future Transportation Map?

No.

Future Land Use Map categories that surround the project: Transportation; Commercial; Commercial 2; Residential Moderate; Residential Medium; Community Facility; Water; and, Industrial.

Local parks (City or County) within a quarter mile of the project: Mayo Howard Park (Deerfield Beach City Park).

Does the project encroach on a military base? Is the project within an Area of Critical State Concern, encroach on a military base, or located in the project in a Rural Area of Opportunity? No.

Is the project within the Coastal High Hazard Area?No.

Is the project within an Area of Critical State Concern? No.

Other planning items that would affect or be enhanced by the project:

The project will improve the traffic flow merging onto I-95 and merging off I-95.

Contact information for the affected local government: Amanda Martinez, Director, Planning & Development Services, City of Deerfield Beach, (954) 480-4208

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Land uses have been identified in the report.

Comments on Effects to Resources:

The project is expected to be constructed within the existing ROW and doesn't foresee any changes on travel patterns. Minimal to no effects on land uses are expected.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Gaspar Jorge Padron, FDOT District 4

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

City of Deerfield Beach Future Land Use Plan

200-Foot Buffer:

2008 SFWMD FL Land Use and Land Cover / Acres / Percent

1210 FIXED SINGLE FAMILY UNITS / 4.7 / 14.22%
1330 MULTIPLE DWELLING UNITS LOW RISE / 3.3 / 1.35%
1340 MULTIPLE DWELLING UNITS HIGH RISE / 2.9 / 1.2%
1400 COMMERCIAL AND SERVICES / 42.1 / 17.26%
1411 SHOPPING CENTERS / 3.2 / 1.31%
1550 OTHER LIGHT INDUSTRY / 13 / 5.32%
1700 INSTITUTIONAL / 6.4 / 2.61%
1820 GOLF COURSE / 3.6 / 1.45%
4130 SAND PINE / 0.5 / 0.21%
4340 UPLAND MIXED CONIFEROUS HARDWOOD / 3.6 / 1.48%
5300 RESERVOIRS / 7.5 / 3.07%
8140 ROADS AND HIGHWAYS / 153.4 / 62.81%

2010 Census Designated Places (1)

Deerfield Beach

Developments of Regional Impact (1)

Newport Center [ADA NO: 1982-020]

500-Foot Buffer:

2008 SFWMD FL Land Use and Land Cover / Acres / Percent

1210 FIXED SINGLE FAMILY UNITS / 19.4 / 3.95%
1330 MULTIPLE DWELLING UNITS LOW RISE / 29 / 5.92%
1340 MULTIPLE DWELLING UNITS HIGH RISE / 10 / 2.04%
1400 COMMERCIAL AND SERVICES / 141.7 / 28.9%
1411 SHOPPING CENTERS / 10.6 / 2.15%
1550 OTHER LIGHT INDUSTRY / 45.3 / 9.25%
1700 INSTITUTIONAL / 21.1 / 4.3%
1820 GOLF COURSE / 12.4 / 2.52%
4130 SAND PINE / 1.9 / 0.38%
4340 UPLAND MIXED CONIFEROUS HARDWOOD / 7.6 / 1.54%
5300 RESERVOIRS / 22.6 / 4.61%
8140 ROADS AND HIGHWAYS / 164.8 / 33.61%
1850 PARKS AND ZOOS / 3.5 / 0.72%
1900 OPEN LAND / 0.5 / 0.1%

1320-Foot (Quarter Mile) Buffer:

2008 SFWMD FL Land Use and Land Cover / Acres / Percent

1210 FIXED SINGLE FAMILY UNITS / 103.7 / 8.65%
1330 MULTIPLE DWELLING UNITS LOW RISE / 122.6 / 10.22%
1340 MULTIPLE DWELLING UNITS HIGH RISE / 46.3 / 3.86%
1400 COMMERCIAL AND SERVICES / 364.5 / 30.4%
1411 SHOPPING CENTERS / 12.4 / 1.03%
1550 OTHER LIGHT INDUSTRY / 163.4 / 13.7%

1700 INSTITUTIONAL / 43.1 / 3.6%
1820 GOLF COURSE / 52.9 / 4.41%
4130 SAND PINE / 5.5 / 0.46%
4340 UPLAND MIXED CONIFEROUS HARDWOOD / 7.6 / 0.63%
5300 RESERVOIRS / 30.1 / 2.51%
8140 ROADS AND HIGHWAYS / 199.2 / 16.61%
1850 PARKS AND ZOOS / 24.9 / 2.07%
1900 OPEN LAND / 4.4 / 0.37%
1310 FIXED SINGLE FAMILY UNITS / 0.3 / 0.03%
1320 MOBILE HOME UNITS / 5 / 0.42%
5120 CHANNELIZED WATERWAYS CANALS / 1.2 / 0.1%

Comments on Effects to Resources:

The City of Deerfield Beach Future Land Use Map (adopted December 3, 2013) predicts that land uses within the project area will remain similar except for the conversion of the former Deerfield Country Club Golf Course into an employment center. The project will be constructed mostly within existing right of way with the potential only for minor impacts to commercial properties which would be unlikely to result in changes to existing land use. The project will support the future growth and accommodate transportation to the employment centers in the project area.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

During the Project Development phase, FDOT District Four, in coordination with the Broward Metropolitan Planning Organization and the City of Deerfield Beach, will solicit input from residents and local businesses that may be impacted by the interchange improvements.

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Social

Project Effects

Coordinator Summary Degree of Effect: 3 *Moderate* assigned 12/09/2015 by FDOT District 4

Comments:

This project will support increasing social and economic demands expected due to continued population and employment growth in this area. The proposed project is anticipated to improve traffic flow and safety to the surrounding communities, social service facilities, recreational assets, and businesses. The project vicinity contains minority and low-income populations and Community Development Block Grant Targeted Areas. Due to these sensitive populations, the USEPA gave the Social issue a Moderate rating. FHWA anticipated Minimal effects. Thus, a Summary DOE of **Moderate** has been assigned for the Social category.

During the PD&E phase, a Community Awareness Memorandum as recommended by USEPA, and a Sociocultural Effects Evaluation in accordance with Part 2, Chapter 9 of the FDOT PD&E Manual will be performed. Public outreach will be conducted by FDOT District Four in coordination with the Broward County MPO and the City of Deerfield Beach to solicit input from the general public to ensure that both the social and transportation needs of the community are addressed through the project.

Degree of Effect: 3 *Moderate* assigned 10/24/2015 by Kim Gates, US Environmental Protection Agency

Coordination Document: PD&E Support Document As Per PD&E Manual

Coordination Document Comments:

- Community Awareness Memorandum (PD&E Manual, Part 1, Chapter 11), and
- Sociocultural Effects (SCE) Evaluation Technical Memorandum (PD&E Manual, Part 2, Chapter 13).

Direct Effects

Identified Resources and Level of Importance:

Based on available information (primarily USEPA's EJSCREEN tool, <http://www2.epa.gov/ejscreen>), the project could have disproportionately high and adverse human health or environmental effects on minority and low-income populations.

According to EJSCREEN, the population within 1/2 mile of the I-95 & Hillsboro Blvd interchange is:

- 67% minority,
- 47% low income,
- 12% linguistically isolated, and
- 19% with less than a high school education.

Also according to EJSCREEN, the population within 1/2 mile of the I-95 & SW 10th Street interchange is:

- 62% minority,
- 52% low income,
- 18% linguistically isolated, and
- 16% with less than a high school education.

Furthermore, the areas in the project vicinity are Community Development Block Grant (CDBG) Targeted Areas by the City of Deerfield Beach, <http://www.deerfield-beach.com/DocumentCenter/View/5312>

The Preliminary Environmental Discussion Comments Report identified several social services and recreational assets in the vicinity of the project corridor, including:

- South Florida Railway Museum (1300 West Hillsboro Boulevard),
- Assembly of God New Life (1015 W Newport Center Drive #105),
- Grace Christian Church (W Hillsboro Boulevard),
- Westside Park Recreation Center (445 SW 2nd Street),
- Broward County Fire Department and Rescue Station 111 (232 Goolsby Boulevard),
- Broward County North Regional County Court (1600 W Hillsboro Boulevard),
- U.S. Post Office - Deerfield Beach Annex (155 Goolsby Boulevard),
- Mayo Howard Park located at 1131 FAU Research Park Boulevard,
- Westside Park located at 445 SW 2nd Street, and
- Tivoli Sand Pine Preserve located along SW 10th Street between SW Natura Boulevard and SW Martin Luther King Jr Ave.

Additionally, the Seaboard Air Line Railway Station, which was recorded in the National Register of Historic Places in 1990 (<http://www.broward.org/History/NationalRegister/Pages/SeaboardAirLineRailwayStation.aspx>), and the Oveta McKeithen Recreational Complex (<http://www.deerfield-beach.com/index.aspx?NID=1223>) are located in the project study area.

Comments on Effects to Resources:

According to FDOT's PD&E Manual, Part 1, Chapter 11 Public Involvement, "[p]rojects processed through the ETDM EST have undergone a Sociocultural Effects Evaluation (SCE) as part of the screening process prior to the PD&E phase." And, according to FDOT's Practical Application Guides for SCE Evaluations - ETDM Process (April 23, 2013), "The timing of the SCE evaluation process for Planning and Programming screens [is] generally within the 45-day review period during which the Environmental Technical Advisory Team (ETAT) reviews and comments on a project." However, based on available information, USEPA could not determine if a Sociocultural Effects Evaluation will be conducted for this project. The Preliminary Environmental Discussion Comments Report identified several social services and recreational assets in the vicinity of the project corridor, and the Project Description stated that "an extensive Public Involvement Plan (PIP) will be prepared and conducted during the PD&E phase of this project." But conducting outreach to establish community concerns and preferences and to ascertain which public involvement activities will be appropriate during PD&E was not addressed.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

USEPA recommends development of a Community Awareness Memorandum to describe how affected communities and sensitive community issues will be identified, documented (preferably in a Sociocultural Effects Evaluation Technical Memorandum), and dealt with during the public involvement process.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Resources have been identified in the report.

Comments on Effects to Resources:

Access to properties could be affected during the construction phase of the project.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

The public must be involved in the project development. The access to properties during and after project delivery should be maintained.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Gaspar Jorge Padron, FDOT District 4

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

200-Foot Buffer:

2010 Amtrak Intercity Railroad Terminals

Deerfield Beach

2010 Census Designated Places (1)

Deerfield Beach

Bus Transit Routes (3)

Route 92

Route 93

Route 48 (Fixed Route from most recent Broward County Transit Map)

Developments of Regional Impact (1)

Newport Center [ADA NO: 1982-020]

Facility Crossings (10)

I-95 Northbound

SR 810 Hillsboro Boulevard

I-95 Southbound

SW 10th Street/SR 869

I-95/SR 9

SCL RR

SCL RR

SW 12th Avenue

SW 12th Avenue

FDOT RCI Bridges (5)

860123

860557

860124

860564

860194

Geocoded Civic Centers (2)

Deerfield Beach Country Club

Hilton Deerfield Beach

Geocoded Cultural Centers (1)

South Florida Railway Museum

Geocoded Laser Facilities (1)

Dentist - 10 Fairway Drive

Geocoded Religious Centers (2)

Assembly of God New Life

Grace Christian Church

Geocoded Social Service Facilities (4)

Food for the Poor

Florida Counseling & Wellness

Allied Barton Security Services

Barton Protective Services

Railroads in the State of Florida (1)

CSX Mainline

Transportation Disadvantaged Service Provider Areas (2)

-BROWARD

-BREVARD, BROWARD, DUVAL, MANATEE, PINELLAS - TMS OF BREVARD, INC.

500-Foot Buffer:

Community and Fraternal Centers 2015 (1)

Westside Park Recreation Center

Fixed-Guideway Transit Network Stations

Deerfield Beach Station - Tri County Commuter

Geocoded Government Buildings (1)

Broward County - County Court - North Regional Courthouse

Geocoded Religious Centers (3) (2 within 200 feet)

Church of Latter Day Saints

Geocoded Social Service Facilities (7) (4 within 200 feet)

Food for the Poor

Kasky, PA

Pegasus Home Health Care Inc

Railroads in the State of Florida (2) (1 within 200 feet)

CSX Spur

1320-Foot (Quarter Mile) Buffer:

Bus Transit Routes (5) (3 within 500 feet)

Route 50

Route 97

Geocoded Assisted Housing (2)

Lakes at Deerfield

Praxis of Deerfield Beach III

Geocoded Cultural Centers (2) (1 within 500 feet)

Century Plaza Branch Library

Geocoded Government Buildings (3) (1 within 500 feet)

US Post Office - Village

US Post Office - Deerfield Beach Carrier Annex

Geocoded Laser Facilities (2) (1 within 500 feet)

Hillsboro Urgent Care - 1855 W Hillsboro Boulevard

Geocoded Religious Centers (3 within 500 feet)

More than Conquerors Ministries

Temple Beth Israel at Century Village East

Examsoft Worldwide

Geocoded Schools (1)

University of Miami

Geocoded Social Service Facilities (19) (7 within 500 feet)

Ali Florida Fire and Mold

Image

Deerfield Beach City of Public Works Environmental Services

Puffin Learning Academy

Jodi B Green PA

Israel Humanitarian Foundation

Jewish National Fund Broward & Palm Beach Counties

Adventures in Early Learning

Deerfield Beach CBOC

Baroum Nabil A MD PA 100 S Military

Tropical Palms Hand Therapy Incorporated

Van Pelt and Associates Physical Rehabilitation Services

Group Care Facilities (3)

06-51-01204

06-51-02247

06-51-04374

Comments on Effects to Resources:

This project will support increasing social and economic demands on the I-95 corridor due to continued population and employment growth in this area. The project is located entirely within the City of Deerfield Beach, Broward County, Florida in an urbanized area. The proposed improvements involve existing roads and thus would not create any physical barriers between neighborhoods. Right of way impacts, if any, would be limited to partial acquisition of commercial/industrial property. There are no residences adjacent to the project; therefore, relocations are not anticipated. The residences east of I-95 are behind Natura Boulevard. The project would not result in changes to population or demographics.

Community facilities in the project vicinity include two (2) civic centers, two (2) cultural centers, three (3) government buildings, six (6) religious centers, one (1) school, and nineteen (19) social service facilities. Direct impacts would not occur; however, temporary disruptions to access may occur during construction.

The 2013 American Community Survey showed that eight (8) of the ten (10) block groups within 500 feet of the project limits have a lower median income than Broward County. The block groups that intersect the project have median incomes that range from \$3,676 to \$63,640, while Broward County has a median income of \$51,251. The block groups within 500 feet of the project area have a lower percentage of minority residents than the Broward County with 47 percent minority population compared to 59 percent minority population in the County. The project would not involve displacement of any minority and/or low-income residences or businesses and does not include tolling. Effects of construction would be temporary and would occur throughout the corridor. The project is not expected to cause minority or low-income populations to experience disproportionately high or adverse impacts.

The purpose and needs notes that the I-95 segment within the Hillsboro Boulevard interchange area was considered a high crash segment during a 2008 to 2012 study. The proposed improvements to provide increase weaving distances and a grade separation of the CSX Railroad crossing at Hillsboro Boulevard would enhance safety.

The proposed improvements to the interchanges will improve vehicular traffic flow, and provide enhanced access to and from I-95,

including the future managed lanes.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

During the Project Development and Environment study, FDOT District Four will coordinate with the Broward County Metropolitan Planning Organization and the City of Deerfield Beach to conduct public outreach and obtain feedback to ensure that the social and transportation needs of the community are addressed during the interchange improvements. FDOT District Four will inform the community of its construction schedule and access disruptions through signage, websites, and/or other means, as appropriate.

There are households with limited ability to speak English; thus, it is recommended that FDOT District Four further refine the limited English speaking households and possible requirements during the PD&E study as part of any public involvement efforts.

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Relocation Potential

Project Effects

Coordinator Summary Degree of Effect: 0 None assigned 12/09/2015 by FDOT District 4

Comments:

Improvements proposed to SR-9/I-95 from SW 10th Street to Hillsboro Boulevard will occur primarily within the existing right-of-way. FHWA rated effects as None. No relocations are anticipated; therefore, a Summary DOE of **No Involvement** has been assigned to the relocation issue.

Degree of Effect: 0 None assigned 10/23/2015 by Richard Young, FDOT District 4

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

200-Foot Buffer:

2008 SFWMD Residential Areas / Acres / Percent

1210 FIXED SINGLE FAMILY UNITS / 4.7 / 14.22%
1330 MULTIPLE DWELLING UNITS LOW RISE / 3.3 / 1.35%
1340 MULTIPLE DWELLING UNITS HIGH RISE / 2.9 / 1.2%

2010 Amtrak Intercity Railroad Terminals

Deerfield Beach

Developments of Regional Impact (1)

Newport Center [ADA NO: 1982-020]

Geocoded Civic Centers (2)

Deerfield Beach Country Club
Hilton Deerfield Beach

Geocoded Cultural Centers (1)

South Florida Railway Museum

Geocoded Laser Facilities (1)

Dentist - 10 Fairway Drive

Geocoded Religious Centers (2)

Assembly of God New Life

Assembly of God New Life
Grace Christian Church

Geocoded Social Service Facilities (4)

Food for the Poor
Florida Counseling & Wellness
Allied Barton Security Services
Barton Protective Services

Comments on Effects to Resources:

The proposed improvements are anticipated to be mostly accommodated within existing right-of-way. Slight acquisitions may be proposed to accommodate improvements to turning movements. The potential right-of-way impacts may affect commercial or industrial properties but would not impact any structures or require relocations. Refinement of the proposed improvements should help to determine if impacts can be avoided or minimized.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

During the Project Development phase, FDOT District Four, in coordination with the Broward Metropolitan Planning Organization and the City of Deerfield Beach, will solicit input from residents and local businesses that may be impacted by the interchange improvements. FDOT District Four will determine which businesses, if any, may experience impacts during the PD&E Study.

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 0 None assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Farmlands

Project Effects

Coordinator Summary Degree of Effect: 0 None assigned 12/09/2015 by FDOT District 4

Comments:

NRCS has determined that there are no prime, unique, or locally important farmland soils within the project area. According to Part 2, Chapter 28, Section 28-2.1 of the FDOT PD&E Manual, transportation projects situated within urbanized areas with no adjacent present or future agricultural lands are excluded from Farmland Assessments. Because the project is located within a designated urban area anticipated to continue to support residential and industrial uses, a Summary DOE of **None** has been assigned to the Farmlands issue.

Degree of Effect: 0 *None* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 0 *None* assigned 10/14/2015 by Rick Allen Robbins, Natural Resources Conservation Service

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

The USDA-NRCS considers soil map units with important soil properties for agricultural uses to be Prime Farmland. In addition, the USDA-NRCS considers any soils with important soil properties and have significant acreages that are used in the production of commodity crops (such as, cotton, citrus, row crops, specialty crops, nuts, etc.) to be considered as Farmlands of Unique Importance or Farmlands of Local Importance. Nationally, there has been a reduction in the overall amount of Prime and Unique Farmlands through conversion to non-farm uses. This trend has the possibility of impacting the nation's food supply and exporting capabilities.

Comments on Effects to Resources:

There are no Important Farmland soils or agricultural lands within the 200 foot buffer width for this project.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Aesthetic Effects

Project Effects

Coordinator Summary Degree of Effect: 2 *Minimal* assigned 12/09/2015 by FDOT District 4

Comments:

Due to the urbanized nature of the area and the improvements being located on existing highways, the improvements are unlikely to impact the aesthetic environment. The potential grade separation at Hillsboro Boulevard and CSX Railroad would be a new

structure; however, the area already has bridge structures at the interchange. FHWA rated aesthetic effects as Minimal due to the urbanized nature of the area. The Summary Degree of Effect (DOE) of **Minimal** has been assigned to the Aesthetic Effects issue.

Public outreach will be conducted during the Project Development and Environment (PD&E) phase by FDOT District Four in coordination with the Broward County Metropolitan Planning Organization (MPO) and the City of Deerfield Beach. This will include soliciting opinions on community preferences as they relate to improving the aesthetics of the area.

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Communities have been identified in the report.

Comments on Effects to Resources:

No permanent impacts are expected but any potential impacts should be minimized and mitigated.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Gaspar Jorge Padron, FDOT District 4

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

200-Foot Buffer:

2008 SFWMD Residential Areas / Acres / Percent

- 1210 FIXED SINGLE FAMILY UNITS / 4.7 / 14.22%
- 1330 MULTIPLE DWELLING UNITS LOW RISE / 3.3 / 1.35%
- 1340 MULTIPLE DWELLING UNITS HIGH RISE / 2.9 / 1.2%

National Register of Historic Places (1)

Seaboard Air Line Railway Station, Old

Noise Barriers (3)

- FDOT District 4 ID 499
- FDOT District 4 ID 527
- FDOT District 4 ID 574

OGT: Multi-Use Trails Opportunities (1)

Hillsboro Canal Corridor

Public Land (1)

Tivoli Sand Pine Preserve

500-Foot Buffer:

2008 SFWMD Residential Areas / Acres / Percent

- 1210 FIXED SINGLE FAMILY UNITS / 19.4 / 3.95%
- 1330 MULTIPLE DWELLING UNITS LOW RISE / 29 / 5.92%

1340 MULTIPLE DWELLING UNITS HIGH RISE / 10 / 2.04%

1320-Foot (Quarter Mile) Buffer:

2008 SFWMD Residential Areas / Acres / Percent

- 1210 FIXED SINGLE FAMILY UNITS / 103.7 / 8.65%
- 1330 MULTIPLE DWELLING UNITS LOW RISE / 122.6 / 10.22%
- 1340 MULTIPLE DWELLING UNITS HIGH RISE / 46.3 / 3.86%
- 1310 FIXED SINGLE FAMILY UNITS / 0.3 / 0.03%
- 1320 MOBILE HOME UNITS / 5 / 0.42%

Florida Site File Historic Standing Structures (1)

SCL Railroad Depot

Geocoded Parks (2)

- Westside Park
- Mayo Howard Park

Noise Barriers (4) (3 within 500 feet)

FDOT District 4 ID 700

Comments on Effects to Resources:

There is a residential area east of Natura Boulevard and south of Hillsboro Boulevard within 500 feet of the improvements. Other features associated with aesthetics include the Tivoli Sand Pine Preserve, two (2) parks, the Seaboard Airline Railway Station, the SCL Railroad Depot, and four (4) noise barriers. Facilities on the west side of I-95 are generally industrial; however, impacts of noise and vibration should be identified.

Due to the urbanized nature of the area and the improvements being located on existing highways, the improvements are unlikely to impact the aesthetic environment. The potential grade separation at Hillsboro Boulevard and CSX Railroad would be a new structure; however, the area already has bridge structures at the interchange. Construction would result in temporary noise, vibration and visual impacts.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

During the Project Development phase, FDOT District Four, in coordination with the Broward Metropolitan Planning Organization and the City of Deerfield Beach, will solicit input from residents and local businesses to obtain feedback regarding preferences for the project related to aesthetics.

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Economic

Project Effects

Coordinator Summary Degree of Effect: 1 *Enhanced* assigned 12/09/2015 by FDOT District 4

Comments:

Broward County is expected to see continuous population and employment growth through 2035. The project is expected to support future growth and accommodate transportation to the employment centers in the project area. The Florida Department of Economic Opportunity assigned a DOE of None to the Economic issue. FHWA noted that there could be temporary effects during construction; however, still assigned a DOE of Enhanced. A Summary DOE of **Enhanced** has been assigned to the Economic issue.

During the PD&E phase, public outreach will be conducted by FDOT District Four in coordination with the Broward County MPO and the City of Deerfield Beach to solicit input from local residents and businesses regarding potential economic enhancements/impacts as a result of the project. Access to businesses and government services will be maintained during construction.

Degree of Effect: 0 None assigned 10/23/2015 by Matt Preston, FL Department of Economic Opportunity

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

The local government's comprehensive plan: City of Deerfield Beach Comprehensive Plan, January 28, 2014.

Comments on Effects to Resources:

Does the project have potential to attract new development?No.

Does the project have potential to generate jobs? No.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 1 Enhanced assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Resources have been identified in the report.

Comments on Effects to Resources:

Temporary effects could include impact on the access to these facilities during construction. Access to these facilities should be maintained during construction period.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 1 Enhanced assigned 10/22/2015 by Gaspar Jorge Padron, FDOT District 4

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

2008 SFWMD FL Land Use and Land Cover / Acres / Percent

1210 FIXED SINGLE FAMILY UNITS / 4.7 / 14.22%

1330 MULTIPLE DWELLING UNITS LOW RISE / 3.3 / 1.35%

1340 MULTIPLE DWELLING UNITS HIGH RISE / 2.9 / 1.2%
1400 COMMERCIAL AND SERVICES / 42.1 / 17.26%
1411 SHOPPING CENTERS / 3.2 / 1.31%
1550 OTHER LIGHT INDUSTRY / 13 / 5.32%
1700 INSTITUTIONAL / 6.4 / 2.61%
1820 GOLF COURSE / 3.6 / 1.45%
4130 SAND PINE / 0.5 / 0.21%
4340 UPLAND MIXED CONIFEROUS HARDWOOD / 3.6 / 1.48%
5300 RESERVOIRS / 7.5 / 3.07%
8140 ROADS AND HIGHWAYS / 153.4 / 62.81%

2010 Amtrak Intercity Railroad Terminals

Deerfield Beach

2010 Census Designated Places (1)

Deerfield Beach

Developments of Regional Impact (1)

Newport Center [ADA NO: 1982-020]

Railroads in the State of Florida (1)

CSX Mainline

500-Foot Buffer:

2008 SFWMD FL Land Use and Land Cover / Acres / Percent

1210 FIXED SINGLE FAMILY UNITS / 19.4 / 3.95%
1330 MULTIPLE DWELLING UNITS LOW RISE / 29 / 5.92%
1340 MULTIPLE DWELLING UNITS HIGH RISE / 10 / 2.04%
1400 COMMERCIAL AND SERVICES / 141.7 / 28.9%
1411 SHOPPING CENTERS / 10.6 / 2.15%
1550 OTHER LIGHT INDUSTRY / 45.3 / 9.25%
1700 INSTITUTIONAL / 21.1 / 4.3%
1820 GOLF COURSE / 12.4 / 2.52%
4130 SAND PINE / 1.9 / 0.38%
4340 UPLAND MIXED CONIFEROUS HARDWOOD / 7.6 / 1.54%
5300 RESERVOIRS / 22.6 / 4.61%
8140 ROADS AND HIGHWAYS / 164.8 / 33.61%
1850 PARKS AND ZOOS / 3.5 / 0.72%
1900 OPEN LAND / 0.5 / 0.1%

Railroads in the State of Florida (2) (1 within 200 feet)

CSX Spur

1320-Foot (Quarter Mile) Buffer:

2008 SFWMD FL Land Use and Land Cover / Acres / Percent

1210 FIXED SINGLE FAMILY UNITS / 103.7 / 8.65%
1330 MULTIPLE DWELLING UNITS LOW RISE / 122.6 / 10.22%
1340 MULTIPLE DWELLING UNITS HIGH RISE / 46.3 / 3.86%
1400 COMMERCIAL AND SERVICES / 364.5 / 30.4%
1411 SHOPPING CENTERS / 12.4 / 1.03%
1550 OTHER LIGHT INDUSTRY / 163.4 / 13.7%
1700 INSTITUTIONAL / 43.1 / 3.6%
1820 GOLF COURSE / 52.9 / 4.41%
4130 SAND PINE / 5.5 / 0.46%
4340 UPLAND MIXED CONIFEROUS HARDWOOD / 7.6 / 0.63%
5300 RESERVOIRS / 30.1 / 2.51%
8140 ROADS AND HIGHWAYS / 199.2 / 16.61%
1850 PARKS AND ZOOS / 24.9 / 2.07%
1900 OPEN LAND / 4.4 / 0.37%
1310 FIXED SINGLE FAMILY UNITS / 0.3 / 0.03%
1320 MOBILE HOME UNITS / 5 / 0.42%
5120 CHANNELIZED WATERWAYS CANALS / 1.2 / 0.1%

Comments on Effects to Resources:

As discussed in the purpose and need, Broward County is expected to see continuous population and employment growth through

2035. In the project vicinity, there are industrial and commercial developments west of I-95 and near the interchanges. Additionally, the former Deerfield Country Club Golf Course is planned to be converted into an employment center. The project is not anticipated to require any business relocations, although some businesses may experience temporary disruption during the construction phase. The project will support future growth and accommodate transportation to the employment centers in the project area. Thus, while construction may have temporary economic impacts, the overall impact of the project will support economic growth.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

During the Project Development phase, FDOT District Four, in coordination with the Broward Metropolitan Planning Organization and the City of Deerfield Beach, will solicit input from residents and local businesses regarding potential economic enhancements/impacts as a result of the project. Access to business should be maintained during construction.

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Mobility

Project Effects

Coordinator Summary Degree of Effect: 1 *Enhanced* assigned 12/09/2015 by FDOT District 4

Comments:

Construction may cause temporary effects on mobility in the area; however, the overall effect of the project would be to improve mobility. FHWA rated the Mobility issue as Enhanced. Therefore, a Summary Degree of Effect of **Enhanced** has been assigned to the Mobility issue.

To avoid potential effects, public outreach will be conducted by FDOT District Four in coordination with Broward County MPO and the City of Deerfield Beach during the Project Development and Environmental phase. Public outreach programs will be conducted to solicit community opinions and preferences, identify project-related effects and refine plans to minimize the effects on area mobility.

Degree of Effect: 1 *Enhanced* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Resources have been identified in the report.

Comments on Effects to Resources:

The project will improve mobility in the area. Also, access to bike/peds and to transit should be maintain during construction and should be improved with the project.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: **1** *Enhanced* assigned 10/22/2015 by Gaspar Jorge Padron, FDOT District 4

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

200-Foot Buffer:

2010 Amtrak Intercity Railroad Terminals

Deerfield Beach

Bus Transit Routes (3)

Route 92

Route 93

Route 48 (Fixed Route from most recent Broward County Transit Map)

Facility Crossings (10)

I-95 Northbound

SR 810 Hillsboro Boulevard

I-95 Southbound

SW 10th Street/SR 869

I-95/SR 9

SCL RR

SCL RR

SW 12th Avenue

SW 12th Avenue

FDOT RCI Bridges (5)

860123

860557

860124

860564

860194

Railroads in the State of Florida (1)

CSX Mainline

Transportation Disadvantaged Service Provider Areas (2)

-BROWARD

-BREVARD, BROWARD, DUVAL, MANATEE, PINELLAS - TMS OF BREVARD, INC.

500-Foot Buffer:

Fixed-Guideway Transit Network Stations

Deerfield Beach Station - Tri County Commuter

Railroads in the State of Florida (2) (1 within 200 feet)

CSX Spur

1320-Foot (Quarter Mile) Buffer:

Bus Transit Routes (5) (3 within 200 feet)

Route 50

Route 97

Comments on Effects to Resources:

Capacity improvements at the I-95/Hillsboro Boulevard and I-95/SW 10th Street interchanges will enhance the mobility of people and goods by alleviating current and future congestion along the corridor and on the surrounding freight and transit networks. Reduced congestion will serve to maintain and improve viable access to the major transportation facilities and businesses of the area.

Mobility may be temporarily impacted during construction; however, the overall effect would be enhanced.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

During the Project Development phase, FDOT District Four, in coordination with the Broward Metropolitan Planning Organization and the City of Deerfield Beach, will solicit input from residents and local businesses to obtain feedback regarding preferences for the project related to mobility.

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

ETAT Reviews and Coordinator Summary: Cultural

Section 4(f) Potential

Project Effects

Coordinator Summary Degree of Effect: 2 *Minimal* assigned 12/09/2015 by FDOT District 4

Comments:

There are three public parks owned and maintained by the City of Deerfield Beach in the project vicinity:

- Tivoli Sand Pine Park/Sand Pine Preserve located along SW 10th Street between SW 3rd Avenue and Natura Boulevard,
- Mayo Howard Park located at 1131 FAU Research Park Boulevard, and
- Westside Park located at 445 SW 2nd Street.

FHWA rated Section 4(f) issue as minimal because work is limited to the FDOT right-of-way. The Summary DOE assigned to the section 4(f) issue is *Minimal*. If during project development a potential for section 4(f) impacts develops, then FDOT would coordinate with the officials with jurisdiction and FHWA.

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Resources have been identified in the report.

Comments on Effects to Resources:

Project is expected to be constructed within existing ROW. Any potential impact to any Section 4(f) resources will require coordination with the officials with jurisdiction and FHWA.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Historic and Archaeological Sites

Project Effects

Coordinator Summary Degree of Effect: 3 *Moderate* assigned 12/09/2015 by FDOT District 4

Comments:

There is one National Register of Historic Places listed site within the project study area, the Seaboard Air Line Railway Station (8BD128). A Cultural Resources Assessment Survey (CRAS) was prepared for the I-95 corridor from north of Oakland Park Boulevard (SR 816) to south of Glades Boulevard (SR 808) in August 2013 for the I-95 Express project, ETDM Number 3330, FM Numbers 409359-1-22-01 and 409355-1-22-01. The CRAS did not identify any additional resources eligible for listing in the National Register within the study area for this project.

FHWA assigned a Minimal DOE and Florida Department of State (FDOS) assigned a Moderate DOE. The Seminole Tribe of Florida did not provide review input. FDOS stated that direct impacts to the Seaboard Air Line Railway Station are unlikely but that the resource is vulnerable to indirect effects and should be considered during project development. FDOS also noted that if there is ground disturbance outside of the previous survey then there would be potential to impact unrecorded cultural resources, although it is unlikely that unrecorded resources occur in the project area. A Summary DOE of **Moderate** has been assigned to the historic and archaeological sites issue.

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

A CRAS was prepared in 2013. It identified the resources within the project's limit.

Comments on Effects to Resources:

The analysis must consider the existing resources and should avoid any impacts to it.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 3 *Moderate* assigned 10/01/2015 by Ginny Leigh Jones, FL Department of State

Coordination Document: PD&E Support Document As Per PD&E Manual

Coordination Document Comments:

Once the Area of Potential Effect (APE) is determined for the proposed project, the extent of the 2013 survey should be compared to the current project APE. Those areas not covered in the 2013 survey should be subjected to a comprehensive survey. For those areas that need to be surveyed, all cultural resources, including potential historic districts, within the area of potential effect should be documented and assessed for NRHP eligibility. The resultant survey report shall conform to the specifications set forth in Chapter 1A-46 Florida Administrative Code, FDOT PD&E Manual Part 2, Chapter 12 and will need to be forwarded to this agency (or the appropriate Federal Agency) for review and comment.

Direct Effects

Identified Resources and Level of Importance:

As reported in the PED, there is one resource - the Seaboard Air Line Railway Station (8BD128) recorded near the project area. This resource is listed on the National Register of Historic Places and is near the Hillsboro Boulevard interchange.

It is unlikely there are unrecorded resources in the project area since I-95 was surveyed in 2013 (also noted in the PED). However, depending on the interchange improvements, portions of those areas may need to be surveyed if they fall outside of the 2013 survey boundaries.

Comments on Effects to Resources:

It is unlikely there will be direct impacts to the Seaboard Air Line Railway Station (8BD128). If there is ground disturbance planned for areas not previously surveyed in 2013, there is a potential to impact unrecorded cultural resources.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

This office will consult with the project sponsors to avoid, minimize, or mitigate any adverse effects to significant cultural resources.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

It is unlikely there are unrecorded cultural resources in the project area. Historic aerials demonstrate that historic development near the project area was centered around Dixie Highway - well east of the current project. One exception to this development was the presence of Hillsboro Boulevard and the Seaboard Air Line Railway and Station in the 1958 aerial. However, any historic development near the project area along Hillsboro Boulevard is likely gone, except for the Seaboard Air Line Station.

Comments on Effects to Resources:

The Seaboard Air Line Railway Station is vulnerable to indirect impacts from the interchange improvements. This resource should be considered during the development of the interchange improvement design.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

This office will consult with the project sponsors to avoid, minimize, or mitigate any adverse effects to significant cultural resources.

The following organization(s) were expected to but did not submit a review of the Historic and Archaeological Sites issue for this alternative: Seminole Tribe of Florida

Recreation Areas

Project Effects

Coordinator Summary Degree of Effect: 2 *Minimal* assigned 12/09/2015 by FDOT District 4

Comments:

There are three public parks owned and maintained by the City of Deerfield Beach in the project vicinity:

- Tivoli Sand Pine Park/Sand Pine Preserve located along SW 10th Street between SW 3rd Avenue and Natura Boulevard,
- Mayo Howard Park located at 1131 FAU Research Park Boulevard, and
- Westside Park located at 445 SW 2nd Street, south of Hillsboro Boulevard.

The project will be limited to existing right-of-way and therefore minimal impacts are anticipated to these resources. FHWA, SFWMD, USEPA, and FDEP also rated effects to recreation as minimal. NPS identified No Involvement. Therefore, a Summary DOE of *Minimal* has been assigned to the Recreation Areas issue.

Degree of Effect: 2 *Minimal* assigned 10/23/2015 by Kim Gates, US Environmental Protection Agency

Coordination Document: PD&E Support Document As Per PD&E Manual

Coordination Document Comments:

No follow-up on Section 4(f) resources needed. However, USEPA would like to review PD&E support documentation for other resources within its purview.

Direct Effects

Identified Resources and Level of Importance:

Section 4(f) of the U.S. Department of Transportation Act of 1966 requires consideration of park and recreational lands, wildlife and waterfowl refuges, and historic sites in transportation project development. USEPA notes that two public parks and one preserve owned and maintained by the City of Deerfield Beach are located in the project vicinity:

- Mayo Howard Park located at 1131 FAU Research Park Boulevard,
- Westside Park located at 445 SW 2nd Street, and
- Tivoli Sand Pine Preserve located along SW 10th Street between SW Natura Boulevard and SW Martin Luther King Jr Ave.

The Preliminary Environmental Discussion (PED) Comments Report identified the Seaboard Air Line Railway Station as a National Register-eligible resource within the project study area. This information is not correct. The station was added to the National Register in 1990 (<http://www.broward.org/History/NationalRegister/Pages/SeaboardAirLineRailwayStation.aspx>).

Comments on Effects to Resources:

The PED Comments Report indicates that, because work will be limited to within the FDOT right-of-way, impacts on Section 4(f) resources are anticipated to be minimal. If right-of-way impacts on Section 4(f) resources are identified during PD&E, USEPA notes that FDOT will submit the required Section 4(f) Evaluation for a formal Determination of Section 4(f) Applicability.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Resources have been identified in the report.

Comments on Effects to Resources:

The project needs to make sure that access to the resources are not affected during and after construction of the project. Coordination with appropriate officials would be required accordingly.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: N/A *N/A / No Involvement* assigned 10/19/2015 by Anita Barnett, National Park Service

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/16/2015 by Mindy Parrott, South Florida Water Management District

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

As described in the preliminary comments.

Comments on Effects to Resources:

As described in the preliminary comments.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/14/2015 by Lauren P. Milligan, FL Department of Environmental Protection

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

The City of Deerfield Beach's Tivoli Sand Pine Preserve is located within the 500-ft. project buffer zone.

Comments on Effects to Resources:

The Department is interested in preserving the area's natural communities, wildlife corridor functions, natural flood control, stormwater runoff filtering capabilities, aquifer recharge potential and recreational trail opportunities. Therefore, future environmental documentation should include an evaluation of the primary, secondary and cumulative impacts of any interchange construction on the above public lands.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

ETAT Reviews and Coordinator Summary: Natural Wetlands

Project Effects

Coordinator Summary Degree of Effect: 3 *Moderate* assigned 12/09/2015 by FDOT District 4

Comments:

The surrounding area is largely developed, paved, cleared and landscaped, with minimal wetland habitat. Some of the stormwater

swales located within and adjacent to the right-of-way may support hydrophytic vegetation, but are components of the highway drainage system and are constructed man-made features. Potential impacts to wetlands will be assessed during the PD&E study and avoidance and minimization strategies will be implemented during the design process. FHWA, FDEP, USFWS, SFWMD, and USACE assigned a Minimal DOE for the wetlands issue and emphasized the desire for avoidance and minimization strategies. NMFS rated wetlands impacts as None. USEPA rated wetlands as Moderate due to concern about contaminated stormwater runoff impacting the freshwater ponds in the project corridor. Therefore, the Summary DOE for the wetlands issue is **Moderate**.

A new ERP or modification of the existing permit 88-0040-S will be required from the SFWMD. Depending on the extent of impacts jurisdictional palustrine wetlands, the project may qualify for the USACE Regional General Permit-92 or may be verified with a Nationwide Permit.

During the PD&E phase, further coordination will occur with the agencies to determine what documentation will be required to address agency concerns over potential wetland impacts. Necessary measures will be taken to avoid and/or minimize impacts to wetlands to the greatest extent practicable during project design. Should avoidance and/or minimization not be practicable, a Mitigation Plan will be prepared. In addition, existing compensatory mitigation sites within the area of influence will be identified and reviewed. Further, best management practices will be utilized during project construction and all applicable permits (including an ERP) will be obtained in accordance with federal, state, and local laws and regulations.

Degree of Effect: 3 *Moderate* assigned 10/24/2015 by Kim Gates, US Environmental Protection Agency

Coordination Document: PD&E Support Document As Per PD&E Manual

Coordination Document Comments:

- Wetlands Evaluation Report (PD&E Manual, Part 2, Chapter 18), and
- Water Quality Impact Evaluation (PD&E Manual, Part 2, Chapter 20).

Direct Effects

Identified Resources and Level of Importance:

According to the National Wetlands Inventory Map (<http://www.fws.gov/wetlands/Data/Mapper.html>), a number of freshwater ponds are located in the project corridor.

Comments on Effects to Resources:

Contaminated stormwater runoff could impact the freshwater ponds in the project corridor.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

To the extent practicable, USEPA encourages FDOT to avoid, minimize, and mitigate stormwater impacts on the freshwater ponds, especially the surface water bodies identified in the City of Deerfield Beach's Future Land Use Map (<http://www.deerfield-beach.com/DocumentCenter/View/555>).

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Wetlands have been identified within 200' from project study area.

Comments on Effects to Resources:

Effects will be study during the PD&E.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/16/2015 by Mindy Parrott, South Florida Water Management District

Coordination Document: Permit Required

Coordination Document Comments:

A new ERP or modification of permit 88-00040-S would be required.

Direct Effects

Identified Resources and Level of Importance:

As described in the preliminary comments.

Comments on Effects to Resources:

None expected based on the project description and the preliminary evaluation. At the time of application for an Environmental Resource Permit, wetland and surface water impacts will be evaluated. Impacts to wetlands and surface waters must meet the criteria in Section 10 of Applicant's Handbook Volume I, including Elimination and Reduction as well as mitigation.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/14/2015 by Lauren P. Milligan, FL Department of Environmental Protection

Coordination Document: Permit Required

Direct Effects

Identified Resources and Level of Importance:

The National Wetlands Inventory GIS report indicates that there are 30.7 acres of palustrine wetlands within the 500-ft. project corridor.

Comments on Effects to Resources:

If interchange ramp expansion is proposed, an environmental resource permit (ERP) will be required from the South Florida Water Management District. The ERP applicant will be required to eliminate or reduce the proposed wetland resource impacts of interchange construction to the greatest extent practicable:

- Minimization should emphasize avoidance-oriented corridor alignments, wetland fill reductions via pile bridging and steep/vertically retained side slopes, and median width reductions within safety limits.
- Wetlands should not be displaced by the installation of stormwater conveyance and treatment swales; compensatory treatment in adjacent uplands is the preferred alternative.
- After avoidance and minimization have been exhausted, mitigation must be proposed to offset the adverse impacts of the project to existing wetland functions and values. Significant attention is given to forested wetland systems, which are difficult to mitigate.
- The cumulative impacts of concurrent and future transportation improvement projects in the vicinity of the subject project should also be addressed.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: **2** *Minimal* assigned 10/09/2015 by Randy Turner, US Army Corps of Engineers

Coordination Document: Permit Required

Coordination Document Comments:

The project as proposed, may qualify for the Department of the Army's Regional General Permit (RGP) - 92 for impacts to the palustrine wetlands. Depending on the amount of proposed impacts to waters of the U.S., the project maybe verified with a Nationwide Permit.

Direct Effects

Identified Resources and Level of Importance:

A review of the EST revealed the presence of approximately 30.7 acres of palustrine wetlands within a 500 foot buffer; 13.4 palustrine acres within a 200 foot buffer; and, 7.9 acres within a 100 foot buffer. The project area is adjacent to heavily used roadway systems and a surface water canal tributary to the Hillsboro Canal along the west side of the project area. The only jurisdictional waters of the U.S. within the project area appear to be the surface waters of the canal and any adjacent wetlands. The other surface waters appear to be stormwater pond systems. The level of importance would be minimal.

Comments on Effects to Resources:

Upon initial review it appears that any wetland or surface water impacts could be avoided by bridge/culverting the canal waters. The palustrine wetlands are along existing, high-usage roadways which would have already been secondarily impacted so a functional assessment should reveal a lower quality of wetlands along the corridor.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

The Corps recommends a continued emphasis on wetland avoidance and minimization opportunities throughout the planning process. A wetland survey should be conducted along the project corridor to identify any existing wetlands, and if any are found, a jurisdictional determination should be completed. A review of the Corps RIBITS indicates that all of the proposed project corridor would traverse the geographical service areas of the federally approved FP&L Everglades Phase II Mitigation Bank (MB), which has 462.57 WATER assessed palustrine credits available; Florida Wetlandsbank at Pembroke Pines MB, which has 67.99 Integrated Functional Index assessed palustrine credits available; and Loxahatchee MB, which has 51.99 palustrine forested and 133.13 Modified WRAP palustrine emergent credits available. Any unavoidable wetland impacts should be assessed using the same assessment methodology of the MB (s) that credits may be purchased from.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

A review of the EST revealed the presence of approximately 30.7 acres of palustrine wetlands within a 500 foot buffer; 13.4 palustrine acres within a 200 foot buffer; and, 7.9 acres within a 100 foot buffer. The project area is adjacent to heavily used roadway systems and a surface water canal tributary to the Hillsboro Canal along the west side of the project area. The only jurisdictional waters of the U.S. within the project area appear to be the surface waters of the canal and any adjacent wetlands. The other surface waters appear to be stormwater pond systems. The level of importance would be minimal.

Comments on Effects to Resources:

Given the current project's location amid high-usage roadway systems, there should not be any significant additional effects to the canal or adjacent wetlands.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

The Corps recommends a continued emphasis on wetland avoidance and minimization opportunities throughout the planning process. A wetland survey should be conducted along the project corridor to identify any existing wetlands, and if any are found, a jurisdictional determination should be completed. A review of the Corps RIBITS indicates that all of the proposed project corridor would traverse the geographical service areas of the federally approved FP&L Everglades Phase II Mitigation Bank (MB), which has 462.57 WATER assessed palustrine credits available; Florida Wetlandsbank at Pembroke Pines MB, which has 67.99 Integrated Functional Index assessed palustrine credits available; and Loxahatchee MB, which has 51.99 palustrine forested and 133.13 Modified WRAP palustrine emergent credits available. Any unavoidable wetland impacts should be assessed using the same assessment methodology of the MB (s) that credits may be purchased from.

Degree of Effect: 0 *None* assigned 09/15/2015 by Brandon Howard, National Marine Fisheries Service

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

None

Comments on Effects to Resources:

None

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Magnuson-Stevens Act: Based on a site inspection on September 9, 2015, the project location, information provided in the ETDM website, and GIS-based analysis of impacts, NOAA's National Marine Fisheries Service (NMFS) concludes the proposed work would not directly impact areas that support essential fish habitat (EFH) or NOAA trust fishery resources. NMFS has no comments or recommendations to provide pursuant to the EFH requirements of the Magnuson-Stevens Fishery Conservation and Management Act (P.L. 104-297); and this project will not require an EFH Assessment. Further consultation on this matter is not necessary unless future modifications are proposed and you believe that the proposed action may result in adverse impacts to EFH.

Endangered Species Act: We are not aware of any threatened or endangered species or critical habitat under the purview of NMFS that occur within the project area. However, it should be noted that a "no effect" determination must be made by the action agency and the reasoning underlying the determination should be documented in a project file. Please coordinate closely with the U.S. Fish and Wildlife Service for other species listed under the Endangered Species Act that may require consultation.

Fish and Wildlife Coordination Act: Based on the project location, information provided in the ETDM website, and GIS-based analysis of impacts, NOAA's National Marine Fisheries Service (NMFS) concludes the proposed work would not directly impact wetlands areas that support NOAA trust fishery resources. NMFS has no comments or recommendations to provide pursuant to the Fish and Wildlife Coordination Act.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 09/11/2015 by John Wrublik, US Fish and Wildlife Service

Coordination Document: To Be Determined: Further Coordination Required

Direct Effects

Identified Resources and Level of Importance:

Wetlands

Comments on Effects to Resources:

Wetlands provide important habitat for fish and wildlife, and are known to occur within the project area. We recommend that these valuable resources be avoided to the greatest extent practicable. If impacts to these wetlands are unavoidable, we recommend the

FDOT provide mitigation that fully compensates for the loss of important resources.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Water Quality and Quantity

Project Effects

Coordinator Summary Degree of Effect: 3 *Moderate* assigned 12/09/2015 by FDOT District 4

Comments:

Presently, stormwater drainage and treatment is provided primarily by a series of dry swales and ponds. The project would increase the impervious area. A new ERP or modification of the existing permit 88-0040-S will be required from the SFWMD. FHWA, SFWMD, and FDEP concurred with a Minimal DOE to the issue of water quality and quantity provided that the project is designed to meet water quality and quantity criteria of the ERP Applicant's Handbook Volumes I and II, including Appendix E. USEPA assigned a Moderate rating due to the potential for contaminated stormwater runoff which could impact the Biscayne Sole Source Aquifer and Broward County's 2A Wellfield Protection Area. Therefore, the Summary DOE assigned to the Water Quality and Quantity issue is **Moderate**.

During the PD&E phase, FDOT District Four will conduct a Water Quality Impact Evaluation, in accordance with Part 2, Chapter 20 of the FDOT PD&E Manual. FDOT will coordinate with appropriate agencies for the design of the proposed stormwater system and the requirements for stormwater treatment, evaluating existing stormwater treatment adequacy and details on the future stormwater treatment facilities. All necessary permits will be obtained in accordance with federal, state, and local laws and regulations. The project will be designed to meet state water quality and quantity requirements, and best management practices will be utilized during construction.

Degree of Effect: 3 *Moderate* assigned 10/24/2015 by Kim Gates, US Environmental Protection Agency

Coordination Document: PD&E Support Document As Per PD&E Manual

Coordination Document Comments:

Water Quality Impact Evaluation (PD&E Manual, Part 2, Chapter 20)

Direct Effects

Identified Resources and Level of Importance:

The Biscayne aquifer, which underlies Broward County, supplies virtually all of the potable water needs for residents in densely populated Dade, Broward, Palm Beach, and Monroe Counties. The Biscayne aquifer is highly susceptible to contamination due to its high permeability and proximity to the land surface

(http://my.sfwmd.gov/portal/page/portal/xrepository/sfwmd_repository_pdf/2013_1ec_plan.pdf).

A number of freshwater ponds, which are hydraulically connected to the Biscayne Aquifer, are located in the project corridor. Broward County's 2A Wellfield Protection Area may also be located in the project corridor

(http://www.broward.org/PollutionPrevention/Wellfield/Documents/Official11_5_13WPZOrdMap.pdf).

Comments on Effects to Resources:

Contaminated stormwater runoff in the project corridor could impact the Biscayne Aquifer and Broward County's 2A Wellfield Protection Area.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

To the extent practicable, USEPA encourages FDOT to avoid, minimize, and mitigate impacts on surface waters and stormwater

To the extent practicable, USEPA encourages FDOT to avoid, minimize, and mitigate impacts on surface waters and stormwater management systems in the project vicinity. In addition, we recommend performing a Water Quality Impact Evaluation and coordinating with the South Florida Water Management District and Broward County.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Resources have been identified in the report.

Comments on Effects to Resources:

No additional comments.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/16/2015 by Mindy Parrott, South Florida Water Management District

Coordination Document: Permit Required

Coordination Document Comments:

A new ERP or modification of 88-00040-S will be necessary.

Direct Effects

Identified Resources and Level of Importance:

As described in the preliminary evaluation.

Comments on Effects to Resources:

SFWMD concurs with the assignment of a minimal degree of effect, provided that the project is designed to meet the stormwater water quality and quantity criteria of the ERP Applicant's Handbook Vols. I & II., including appendix E.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/14/2015 by Lauren P. Milligan, FL Department of Environmental Protection

Coordination Document: Permit Required

Direct Effects

Identified Resources and Level of Importance:

Stormwater runoff from the road surface may alter adjacent wetlands and surface waters through increased pollutant loading. Additional runoff carrying oils, greases, metals, sediment, and other pollutants from the increased impervious surface will be of concern.

Comments on Effects to Resources:

Every effort should be made to maximize the treatment of stormwater runoff from the proposed interstate improvements project to prevent ground and surface water contamination. Stormwater treatment should be designed to maintain the natural predevelopment hydroperiod and water quality, as well as to protect the natural functions of adjacent wetlands. We recommend that the PD&E study include an evaluation of existing stormwater treatment adequacy and details on the future stormwater treatment facilities. Retrofitting of stormwater conveyance systems would help reduce impacts to water quality.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Floodplains

Project Effects

Coordinator Summary Degree of Effect: 3 *Moderate* assigned 12/09/2015 by FDOT District 4

Comments:

A new Environmental Resource Permit (ERP) or modification of the existing permit 88-0040-S will be required from the SFWMD. SFWMD and FHWA rated the floodplains issue as Minimal. USEPA rated the floodplains issue as Moderate because the PED Comments Report indicates that the project will increase the impervious area, which will increase stormwater runoff and affect existing drainage patterns in the surrounding area. Therefore, a Summary DOE of **Moderate** has been assigned to the Floodplain issue.

A Location Hydraulic Report will be prepared during the PD&E phase in accordance with the PD&E Manual, Part 2, Chapter 24.

Degree of Effect: 3 *Moderate* assigned 10/23/2015 by Kim Gates, US Environmental Protection Agency

Coordination Document: PD&E Support Document As Per PD&E Manual

Coordination Document Comments:

- Location Hydraulic Report (PD&E Manual, Part 2, Chapter 24), and
- Water Quality Impact Evaluation (PD&E Manual, Part 2, Chapter 20).

Direct Effects

Identified Resources and Level of Importance:

Protection of floodplains and floodways is required by Executive Order 11988, "Floodplain Management", USDOT Order 5650.2, "Floodplain Management and Protection", and Federal-Aid Policy Guide 23 CFR 650A. USEPA notes that portions of the project corridor are located within flood zones AE and AH. Moreover, numerous stormwater management ponds and NPDES stormwater

outfall sites are located in the project corridor (see Broward County Water Resources Fact Book, June 2015, http://www.awra.org/memberservices/brochures/Broward_County_Brochure.pdf).

Comments on Effects to Resources:

According to the Preliminary Environmental Discussion (PED) Comments Report, FDOT anticipates minimal effects on floodplains. However, the PED Comments Report also indicates that the project will increase the impervious area, which will increase stormwater runoff and affect existing drainage patterns in the surrounding area. Information should have been provided about the efficacy of the existing stormwater management infrastructure, whether work will be performed below the 100-year flood elevation, and if the project will involve modification and/or replacement of any existing drainage structures or construction of any new drainage structures. As stated in FDOT's PD&E Manual, Part 2, Chapter 24 Floodplains, "[p]rojects that affect flood heights and flood limits, even minimally, may require further evaluation to support statements that emphasize the insignificance of the modifications."

Recommended Avoidance, Minimization, and Mitigation Opportunities:

USEPA recommends hydraulic and risk evaluations to identify the least environmentally damaging alternative and assess measures to avoid, minimize, and mitigate impacts to the floodplains, to the extent practicable.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

No additional resources.

Comments on Effects to Resources:

No additional comments at this stage of the process.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/16/2015 by Mindy Parrott, South Florida Water Management District

Coordination Document: Permit Required

Coordination Document Comments:

A new ERP or modification of 88-00040-S will be necessary.

Direct Effects

Identified Resources and Level of Importance:

As described in the preliminary evaluation.

Comments on Effects to Resources:

SWWMD concurs with the assignment of a minimal degree of effect, provided that the project is designed to meet the stormwater water quality and quantity criteria of the ERP Applicant's Handbook Vols. I & II., including appendix E.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Wildlife and Habitat

Project Effects

Coordinator Summary Degree of Effect: 2 *Minimal* assigned 12/09/2015 by FDOT District 4

Comments:

Core Foraging Areas (CFA) of two active wood stork nests and the USFWS designated consultation area for snail kites overlap the project area. No areas of designated Critical Habitat are present. FHWA rated the wildlife and habitat issue as **Minimal**. USFWS rated the wildlife and habitat issue as **Minimal** but recommended that FDOT prepare a **Biological Assessment** due to the potential occurrence of the wood stork. FFWCC stated that impacts could be minimal provided that construction avoids the Tivoli Sand Pines Preserve and that water quality best management practices are implemented. FFWCC recommended that FDOT perform plant mapping and wildlife surveys and develop a plan to address potential impacts, including avoidance measures for the Florida burrowing owl. Therefore, the Summary DOE assigned to the Wildlife and Habitat issue is **Minimal**.

During the PD&E phase further coordination will occur with USFWS and FFWCC to determine what documentation will be required to analyze potential wildlife issues. The final design of the project will avoid and/or minimize impacts to wetlands and wildlife and habitat to the greatest extent possible and best management practices will be utilized during project design and construction. Appropriate mitigation will also be provided for unavoidable impacts.

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Resources have been identified but it is not clear if a survey has been performed to identify any other species in the study area.

Comments on Effects to Resources:

Effects will be discussed in the PD&E study.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/20/2015 by Jennifer Goff, FL Fish and Wildlife Conservation Commission

Coordination Document: To Be Determined: Further Coordination Required

Direct Effects

Identified Resources and Level of Importance:

Florida Fish and Wildlife Conservation Commission (FWC) staff has reviewed ETDM #14244, Broward County, and provides the following comments related to potential effects to fish and wildlife resources of this Programming Phase project.

The Project Description Summary states that this project involves improvements to the I-95 partial cloverleaf interchanges at SW 10th Street and Hillsboro Boulevard and along I-95 between these interchanges, a distance of approximately 1.8 miles. The project also proposes improvements along both SW 10th Street and Hillsboro Boulevard in the vicinity of I-95. The Project Description did not address the possible need for new Drainage Retention Areas (DRAs) to handle the stormwater runoff from the expanded roadways.

An assessment of the project area was performed on lands within 500 feet of the proposed alignment to determine potential impacts to habitat which supports listed species and other fish and wildlife resources. Our inventory included a review of aerial and ground-level photography, various wildlife observation and landcover data bases, along with coordination with FWC biologists and other State and Federal agencies. A GIS analysis was performed using the Florida Department of Transportation's (FDOT) Environmental Screening Tool to determine the potential quality and extent of upland and wetland habitat, and other wildlife and fisheries resource information. We have reviewed the Preliminary Environmental Discussion Comments Report provided by the FDOT, and offer the following comments and recommendations.

Our assessment reveals that land use in the project area is almost entirely urban, with 93.99% of the assessment area classified as Transportation and High or Low Intensity Urban. Other landcover types include Open Water (borrow/stormwater lakes and their associated drainage canals at 4.37%, 253.0 acres), Sand Pine Scrub (within the Tivoli Sand Pine Preserve at 1.53%, 7.5 acres), and Rural Lands (0.11%, 0.6 acres). The Tivoli Sand Pine Preserve, a 22.52-acre area adjacent to the north side of SW 10th Street, and which is owned and managed by the City of Deerfield Beach, provides the most valuable wildlife habitat in the project vicinity.

Based on range and preferred habitat type, the following species listed by the Federal Endangered Species Act and the State of Florida as Federally Endangered (FE), Federally Threatened (FT), State-Threatened (ST), or State Species of Special Concern (SSC) have the potential to occur in the project area: American alligator (FT based on similarity of appearance to American crocodile), Eastern indigo snake (FT), wood stork (FT), gopher frog (SSC), gopher tortoise (ST), Florida burrowing owl (SSC), least tern (ST), limpkin (SSC), snowy egret (SSC), little blue heron (SSC), tricolored heron (SSC), roseate spoonbill (SSC), and white ibis (SSC). Special attention is warranted regarding burrowing owls, which have been documented in the I-95 interchange infields at nearby Glades Road, and may also utilize similar habitat at the subject interchanges.

The GIS analysis revealed several specific characteristics associated with lands along the project alignment that provide an indication of potential habitat quality or sensitivity that will require field studies to verify the presence or absence of listed wildlife species and the quality of wildlife habitat resources. In the FWC's Integrated Wildlife Habitat Ranking System, 2.9% of the assessment area is ranked Medium, and in the Florida Natural Areas Inventory Critical Lands and Waters Identification Project (CLIP), 1.58% is ranked Priority 2 (high) for Biodiversity Resources. The project is within the Core Foraging Area of four wood stork colonies, and is within the U.S. Fish and Wildlife Service Consultation Area for the Snail Kite.

Comments on Effects to Resources:

Primary wildlife issues associated with this project include: potential adverse impacts to the Tivoli Sand Pine Preserve; potential adverse effects to a moderate number of species listed by the Federal Endangered Species Act as Endangered or Threatened, or by the State of Florida as Threatened or Species of Special Concern; and potential for water quality impacts during construction.

Based on the project information provided, we believe that direct and indirect effects of this project could be minimal provided that construction, including any new DRAs, avoids impacting the Tivoli Sand Pine Preserve, and that water quality BMPs are included in the project design.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

We recommend that the Project Development and Environment Study address natural resources by including the following measures for conserving fish and wildlife and habitat resources that may occur within and adjacent to the project area.

1. Plant community mapping and wildlife surveys for the occurrence of wildlife species listed by the Federal Endangered Species Act as Endangered or Threatened, or by the State of Florida as Threatened or Species of Special Concern should be performed. Basic guidance for conducting wildlife surveys may be found in the FWC's Florida Wildlife Conservation Guide at:

<http://myfwc.com/conservation/value/fwcg/>.

2. Based on the survey results, a plan should be developed to address direct, indirect, and cumulative effects of the project on wildlife and habitat resources, including listed species. Avoidance, minimization, and mitigation measures should also be formulated and implemented. Equipment staging areas should be located in previously disturbed sites to avoid habitat destruction or degradation. The plan should address specific habitat needs which are biologically compatible with the recovery of the target species. For guidance in this effort, FWC's Draft Species Action Plans should be consulted at: <http://myfwc.com/wildlifehabitats/imperiled/species-action-plans/>.

3. Florida burrowing owls may be present in the project area. Avoidance and minimization measures for burrowing owls include: Avoid construction activities that would impact active burrowing owl nests. Burrowing owl nests are generally considered to be active from February to July. Avoid adverse impacts to burrowing owl nests by establishing a 150-foot radius around the burrow entrance that is staked and roped off prior to construction. Take care to avoid digging or using heavy equipment near burrow entrances during the breeding season so as not to collapse burrows and potentially trap owls or destroy eggs. If impacts to burrowing owl burrows or nests are unavoidable, please contact the FWC staff identified below to discuss potential permitting alternatives.

4. For impacts to other state-listed species, refer to the FWC's Draft Species Action Plans which include methods for avoidance as well as options and state requirements for minimizing and mitigating potential impacts.

5. A compensatory mitigation plan should include the replacement of any wetland, upland, or aquatic habitat functional values for listed species which are lost as a result of the project. Replacement habitat for mitigation should be type for type, as productive, and equal to or of higher functional value. Please notify us immediately if the design, extent, or footprint of the current project is modified, as we may choose to provide additional comments and/or recommendations.

We appreciate the opportunity to provide input on highway design and the conservation of fish and wildlife resources. Please contact Brian Barnett at (772) 579-9746 or email brian.barnett@MyFWC.com to initiate the process for further overall coordination on this project.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 0 *None* assigned 10/09/2015 by Steve Bohl, FL Department of Agriculture and Consumer Services

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 09/11/2015 by John Wrublik, US Fish and Wildlife Service

Coordination Document: To Be Determined: Further Coordination Required

Direct Effects

Identified Resources and Level of Importance:

Federally listed species and fish and wildlife resources

Comments on Effects to Resources:

Federally-listed species -

The Service has reviewed our Geographic Information Systems (GIS) database for recorded locations of Federally listed threatened and endangered species on or adjacent to the project study area. The GIS database is a compilation of data received from several sources. Based on review of our GIS database, the Service notes that the following Federally listed species may occur in or near the project area.

Wood Stork

The project corridor is located in the Core Foraging Areas (CFA)(within 18.6 miles) of two active nesting colonies of the endangered wood stork (*Mycteria americana*). The Service believes that the loss of wetlands within a CFA due to an action could result in the loss of foraging habitat for the wood stork. To minimize adverse effects to the wood stork, we recommend that any lost foraging habitat resulting from the project be replaced within the CFA of the affected nesting colony. Moreover, wetlands provided as mitigation should adequately replace the wetland functions lost as a result of the action. The Service does not consider the preservation of wetlands, by itself, as adequate compensation for impacts to wood stork foraging habitat, because the habitat lost is not replaced. Accordingly, any wetland mitigation plan proposed should include a restoration, enhancement, or creation component. In some cases, the Service accepts wetlands compensation located outside the CFA of the affected wood stork nesting colony. Specifically, wetland credits purchased from a "Service Approved" mitigation bank located outside of the CFA would be acceptable to the Service, provided that the impacted wetlands occur within the permitted service area of the bank.

For projects that impact 5 or more acres of wood stork foraging habitat, the Service requires a functional assessment be conducted using our "Wood Stork Foraging Analysis Methodology" (Methodology) on the foraging habitat to be impacted and the foraging habitat provided as mitigation. The Methodology can be found at: <http://www.fws.gov/verobeach/ListedSpeciesBirds.html> . The Service believes that the following federally listed species have the potential to occur in or near the project site include the wood stork. Accordingly, the Service recommends that the Florida Department of Transportation (FDOT) prepare a Biological Assessment for the project (as required by 50 CFR 402.12) during the FDOT's Project Development and Environment process.

Fish and Wildlife Resources -

Wetlands provide important habitat for fish and wildlife, and are known to occur within the project area. We recommend that these valuable resources be avoided to the greatest extent practicable. If impacts to these wetlands are unavoidable, we recommend the FDOT provide mitigation that fully compensates for the loss of important resources.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Coastal and Marine

Project Effects

Coordinator Summary Degree of Effect: 0 None assigned 12/09/2015 by FDOT District 4

Comments:

The proposed project corridor is not located within a Coastal Barrier Resource Area, and Essential Fish Habitat is not located within the project limits. Consequently, FHWA, SFWMD, and NMFS anticipated that the effect to coastal and marine will be None; therefore, the Summary DOE is **None**.

Degree of Effect: 0 None assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 0 None assigned 10/16/2015 by Mindy Parrott, South Florida Water Management District

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 0 None assigned 09/15/2015 by Brandon Howard, National Marine Fisheries Service

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

None

Comments on Effects to Resources:

None

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Magnuson-Stevens Act: Based on a site inspection on September 9, 2015, the project location, information provided in the ETDM website, and GIS-based analysis of impacts, NOAA's National Marine Fisheries Service (NMFS) concludes the proposed work would not directly impact areas that support essential fish habitat (EFH) or NOAA trust fishery resources. NMFS has no comments or recommendations to provide pursuant to the EFH requirements of the Magnuson-Stevens Fishery Conservation and Management Act (P.L. 104-297); and this project will not require an EFH Assessment. Further consultation on this matter is not necessary unless future modifications are proposed and you believe that the proposed action may result in adverse impacts to EFH.

Endangered Species Act: We are not aware of any threatened or endangered species or critical habitat under the purview of NMFS

that occur within the project area. However, it should be noted that a "no effect" determination must be made by the action agency and the reasoning underlying the determination should be documented in a project file. Please coordinate closely with the U.S. Fish and Wildlife Service for other species listed under the Endangered Species Act that may require consultation.

Fish and Wildlife Coordination Act: Based on the project location, information provided in the ETDM website, and GIS-based analysis of impacts, NOAA's National Marine Fisheries Service (NMFS) concludes the proposed work would not directly impact wetlands areas that support NOAA trust fishery resources. NMFS has no comments or recommendations to provide pursuant to the Fish and Wildlife Coordination Act.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

ETAT Reviews and Coordinator Summary: Physical

Noise

Project Effects

Coordinator Summary Degree of Effect: 2 *Minimal* assigned 12/09/2015 by FDOT District 4

Comments:

Residential, commercial/retail, public, institutional and industrial properties were identified in the immediate vicinity of the project corridor. Residential land uses are located east of I-95 to the south of Hillsboro Boulevard. While temporary construction noise impacts may have short-term effects on adjacent properties, overall noise and vibration-related impacts as a result of the project are anticipated to be minimal. FHWA also anticipates noise effects to be minimal. Therefore, a Summary DOE of **Minimal** has been assigned to the Noise issue.

During the PD&E phase, a Noise Study Report will be prepared if warranted by the proposed project alternatives in accordance with Part 2, Chapter 17 of the FDOT PD&E Manual.

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Resources have been identified within the project area.

Comments on Effects to Resources:

A study will be prepared to assess potential noise impacts to the existing resources.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Air Quality

Project Effects

Coordinator Summary Degree of Effect: 2 *Minimal* assigned 12/09/2015 by FDOT District 4

Comments:

The proposed project corridor is located within the Southeast Florida Airshed, which is a USEPA-designated Air Quality Maintenance Attainment Area for all of the National Ambient Air Quality Standards under the criteria provided in the Clean Air Act. However, as a former ozone nonattainment area, the project is subject to the maintenance plan approved by USEPA as a revision to Florida's State Implementation Plan (75 FR 29671, May 27, 2010). Therefore, if federal funds are used for the proposed improvements then a transportation conformity demonstration will be necessary to show that estimated pollutant/precursor emissions associated with the project are within the emissions limits specified in the SIP.

USEPA and FHWA rated air quality issue as Minimal due to impacts during construction, but no permanent effects to air quality are anticipated. Minor air quality enhancement can be expected because the improvements are likely to reduce idling traffic conditions. A Summary DOE of *Minimal* has been assigned to the Air Quality issue.

An Air Quality Technical Memorandum will be prepared as a support document to the PD&E Study in accordance with Part 2, Chapter 16 of the FDOT PD&E Manual.

Degree of Effect: 2 *Minimal* assigned 10/23/2015 by Kim Gates, US Environmental Protection Agency

Coordination Document: PD&E Support Document As Per PD&E Manual

Coordination Document Comments:

Air Quality Technical Memorandum (PD&E Manual, Part 2, Chapter 16, Section 16-3)

Direct Effects

Identified Resources and Level of Importance:

The project area is in attainment with the Clean Air Act's National Ambient Air Quality Standards (NAAQS). However, as a former ozone nonattainment area, the project is subject to the maintenance plan approved by USEPA as a revision to Florida's State Implementation Plan (75 FR 29671, May 27, 2010). As noted in Part 2, Chapter 16 of FDOT's PD&E Manual, current information on the NAAQS compliance status of areas in Florida is available in USEPA's "Green Book" (<http://www.epa.gov/oar/oaqps/greenbk/>).

Comments on Effects to Resources:

FDOT's PD&E Manual further states that USEPA promulgated transportation conformity regulations in 1993 to implement NAAQS requirements. These regulations (40 CFR Part 93) apply to transportation (highway) plans, programs, and projects within nonattainment or maintenance areas that are developed, funded, or approved under U.S.C. Title 23 or the Federal Transit Act.

Therefore, if federal funds are used for the proposed improvements to the I-95 partial cloverleaf interchanges at SW 10th Street and Hillsboro Boulevard and along I-95 from just south of the SW 10th Street interchange to just north of the Hillsboro Boulevard interchange (a distance of approximately 1.8 miles not including the length of the ramps), then a transportation conformity demonstration will be necessary to show that estimated pollutant/precursor emissions associated with the project are within the emissions limits specified in the SIP.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Clean Air Act requirements doesn't apply to this project.

Comments on Effects to Resources:

Not additional comments.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Contamination

Project Effects

Coordinator Summary Degree of Effect: **3** *Moderate* assigned 12/09/2015 by FDOT District 4

Comments:

A review of Geographic Information System data revealed the presence of dry cleaning sites, hazardous waste facilities, petroleum contamination monitoring sites, storage tank contamination monitoring sites, and Resource Conservation and Recovery Act regulated facilities within a quarter mile of the project, and two solid waste, CERCLA, and/or superfund sites within one mile of the project.

Due to the potential presence or documented presence of contamination associated with these sites and a Moderate degree of effect being assigned by SFWMD, USEPA, FDEP, and FHWA, a Summary DOE of **Moderate** has been assigned to the contamination issue.

A CSER will be prepared in accordance with Part 2, Chapter 22 of the FDOT PD&E Manual, including site specific surveys to assess existing or historical contamination sources and their proximity to construction activities. Contamination (including any required permits) will be evaluated during project development in accordance with federal, state and local laws and regulations. SFWMD noted that if dewatering is necessary, a water use permit may be required. A general permit under rule 40E-2.061(2), FAC may be applicable.

Degree of Effect: **3** *Moderate* assigned 10/23/2015 by Kim Gates, US Environmental Protection Agency

Coordination Document: PD&E Support Document As Per PD&E Manual

Coordination Document Comments:

Contamination Screening Evaluation Report (PD&E Manual, Part 2, Chapter 22)

Direct Effects

Identified Resources and Level of Importance:

USEPA notes that more than 90 potentially contaminated facilities and sites are present within a quarter-mile of the project corridor, and two solid waste, RCRA, and/or CERCLA sites were identified within one mile of the project corridor.

Comments on Effects to Resources:

USEPA supports the contamination assessment process described in FDOT's PD&E Manual (Part 2, Chapter 22). Each property within the project corridor (including the buffer areas) needs to be evaluated for the presence of potential contamination within the right-of-way or contamination that may have migrated onto or under the right-of-way.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

USEPA recommends avoidance of, or minimized impacts to, these facilities/sites to the extent practicable.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 3 *Moderate* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Contamination facilities have been identified in the report.

Comments on Effects to Resources:

Contamination areas should be avoided, minimized and mitigated as possible.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 3 *Moderate* assigned 10/16/2015 by Mindy Parrott, South Florida Water Management District

Coordination Document: Permit Required

Coordination Document Comments:

If dewatering is necessary, a water use permit may be required. A general permit is available in rule 40E-2.061(2), FAC. Projects that do not qualify for the general permit will require a water use permit from SFWMD.

Direct Effects

Identified Resources and Level of Importance:

Staff concurs with the preliminary evaluation.

Comments on Effects to Resources:

Construction methodologies, such as dewatering, must be designed to minimize movement of contaminant plumes.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 3 *Moderate* assigned 10/14/2015 by Lauren P. Milligan, FL Department of Environmental Protection

Coordination Document: To Be Determined: Further Coordination Required

Direct Effects

Identified Resources and Level of Importance:

GIS data indicates that there are 2 FDEP dry cleaning program sites, 17 hazardous waste facilities, 10 petroleum contamination monitoring sites, 29 storage tank contamination monitoring sites and 13 RCRA regulated facilities within the 500-ft. project buffer zone.

Comments on Effects to Resources:

A Contamination Screening Evaluation (similar to Phase I and Phase II Audits) may need to be conducted along the project rights-of-way considering the proximity to the listed petroleum and hazardous material handling facilities. The Contamination Screening Evaluation should outline specific procedures that would be followed by the applicant in the event drums, wastes, tanks or potentially contaminated soils are encountered during construction. Special attention should be made in the screening evaluation to historical land uses (such as solid waste disposal) that may have an affect on the proposed project, including stormwater retention and treatment areas.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Infrastructure

Project Effects

Coordinator Summary Degree of Effect: 2 *Minimal* assigned 12/09/2015 by FDOT District 4

Comments:

The project corridor includes the SW 10th Street Bridge over I-95 and the I-95 over Hillsboro Boulevard Bridge. CSX railroad mainline runs within 2,000 feet east of the project limits and the Amtrak Deerfield Beach terminal is located southwest of the Hillsboro Boulevard interchange. The proposed project will utilize existing right-of-way. FHWA stated that effects to existing infrastructure would be minimal to none. A Summary DOE of *Minimal* has been assigned to the Infrastructure issue.

Degree of Effect: 2 *Minimal* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

No additional resources besides the one mentioned in the report.

Comments on Effects to Resources:

Minimal to no effects are expected on the existing infrastructure.

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Navigation

Project Effects

Coordinator Summary Degree of Effect: N/A N/A / *No Involvement* assigned 12/09/2015 by FDOT District 4

Comments:

USACE and FHWA assigned a DOE of None because no navigable waters were identified in the project area. Therefore, a Summary DOE of **No Involvement** has been assigned to the Navigation issue.

Degree of Effect: N/A N/A / *No Involvement* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: N/A N/A / *No Involvement* assigned 10/09/2015 by Randy Turner, US Army Corps of Engineers

Coordination Document: Permit Required

Coordination Document Comments:

Permit required for any discharge of fill material into waters of the U.S. Section 404 of the Clean Water Act.

Direct Effects

Identified Resources and Level of Importance:

No navigable waters were identified within the project area. The project will have no impacts to navigation.

Comments on Effects to Resources:

N/A

Recommended Avoidance, Minimization, and Mitigation Opportunities:

N/A

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

N/A

Comments on Effects to Resources:

N/A

Recommended Avoidance, Minimization, and Mitigation Opportunities:

N/A

ETAT Reviews and Coordinator Summary: Special Designations

Special Designations

Project Effects

Coordinator Summary Degree of Effect: 3 *Moderate* assigned 12/21/2015 by FDOT District 4

Comments:

There are no Outstanding Florida Waters, Aquatic Preserves, Scenic Highways/Byways, or Wild and Scenic Rivers reported within the project area. The FHWA and SFWMD rated the DOE as None. However, USEPA noted the Biscayne Bay sole source aquifer, sensitive karst area, and wellfield protection area as special designations which must be protected from groundwater contamination. USEPA assigned a Moderate DOE. Therefore, a Summary DOE of **Moderate** has been assigned to the issue Special Designations. As recommended by USEPA, FDOT will seek to avoid, minimize, and mitigate impacts of stormwater runoff in the project vicinity.

Degree of Effect: 3 *Moderate* assigned 10/23/2015 by Kim Gates, US Environmental Protection Agency

Coordination Document: PD&E Support Document As Per PD&E Manual

Coordination Document Comments:

Water Quality Impact Evaluation (PD&E Manual, Part 2, Chapter 20)

Direct Effects

Identified Resources and Level of Importance:

Sole Source Aquifer - In southeast Florida, the Biscayne aquifer supplies virtually all of the potable water needs for over 4 million residents in densely populated Dade, Broward, Palm Beach, and Monroe Counties. Water from the Biscayne aquifer is also transported by pipeline to the Florida Keys. USEPA has designated the Biscayne aquifer as a Sole Source Aquifer.

Sensitive Karst Area - The Biscayne aquifer is mainly composed of two lithostratigraphic formations dominated by eogenetic karst limestone: the Miami Limestone and the Fort Thompson Formation (<http://www.sciencedirect.com/science/article/pii/S0022169414003229>). The Biscayne aquifer is highly susceptible to contamination due to its high permeability and proximity to the land surface (http://my.sfwmd.gov/portal/page/portal/xrepository/sfwmd_repository_pdf/2013_lec_plan.pdf).

Wellfield Protection Area - Because the Biscayne aquifer is extremely porous and the water table is very close to the surface, pollutants discharged onto the ground or that occur in surface waters can contaminate the groundwater and be drawn into wells that supply drinking water. To reduce the risk of pollution and the cost of public water treatment, Broward County and local municipalities oversee protection programs in areas around networks of drinking water wells (<http://www.broward.org/POLLUTIONPREVENTION/WELLFIELD/Pages/ProtectionProgram.aspx>).

Comments on Effects to Resources:

Contaminated stormwater runoff in the project corridor could impact the surrounding surface water bodies, which are hydraulically connected to the Biscayne Aquifer. Contaminated stormwater runoff could also impact Broward County's 2A Wellfield Protection Area (http://www.broward.org/PollutionPrevention/Wellfield/Documents/Official11_5_13WPZOrdMap.pdf).

Recommended Avoidance, Minimization, and Mitigation Opportunities:

To the extent practicable, USEPA encourages FDOT to avoid, minimize, and mitigate impacts of stormwater runoff in the project vicinity. In addition, we recommend performing a Water Quality Impact Evaluation and coordinating with the South Florida Water Management District and Broward County.

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 0 *None* assigned 10/22/2015 by Luis D Lopez, Federal Highway Administration

Coordination Document: PD&E Support Document As Per PD&E Manual

Direct Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Degree of Effect: 0 *None* assigned 10/16/2015 by Mindy Parrott, South Florida Water Management District

Coordination Document: No Involvement

Direct Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

CLC Recommendations:

Indirect Effects

Identified Resources and Level of Importance:

Comments on Effects to Resources:

Recommended Avoidance, Minimization, and Mitigation Opportunities:

Eliminated Alternatives

There are no eliminated alternatives for this project.

Project Scope

General Project Recommendations

There are no general project recommendations identified for this project in the EST.

Anticipated Permits

Permit	Type	Conditions	Assigned By	Date
Environmental Resource Permit	Water		FDOT District 4	12/10/15
Regional General Use Permit	USACE		FDOT District 4	12/10/15

Anticipated Technical Studies

Technical Study Name	Type	Conditions	Assigned By	Date
Public Involvement Plan	ENVIRONMENTAL		FDOT District 4	12/10/2015
Noise Study Report	ENVIRONMENTAL		FDOT District 4	12/10/2015
Contamination Screening Evaluation Report	ENVIRONMENTAL		FDOT District 4	12/10/2015
Air Quality Technical Memorandum	Other		FDOT District 4	12/10/2015
Wetlands Technical Memorandum	ENVIRONMENTAL		FDOT District 4	12/10/2015
Preliminary Engineering Report	ENGINEERING		FDOT District 4	12/10/2015
Water Quality Impact Evaluation (WQIE)	ENVIRONMENTAL		FDOT District 4	12/10/2015
Cultural Resource Assessment Survey	ENVIRONMENTAL		FDOT District 4	12/10/2015

Class of Action

Class of Action Determination

Class of Action	Other Actions	Lead Agency	Cooperating Agencies	Participating Agencies
Type 2 Categorical Exclusion	Endangered Species Assessment Consultation	Federal Highway Administration	No Cooperating Agencies have been identified.	No Participating Agencies have been identified.

Class of Action Signatures

Name	Agency	Review Status	Date	ETDM Role
Anson Sonnett	FDOT District 4	ACCEPTED	06/15/2016	FDOT ETDM Coordinator
Luis D Lopez	Federal Highway Administration	ACCEPTED	07/11/2016	Lead Agency ETAT Member

Dispute Resolution Activity Log

There are no dispute actions identified for this project in the EST.

Appendices

Preliminary Environmental Discussion Comments

Social and Economic

Land Use Changes

Project Level

Comments:

The existing land uses in the vicinity of the project corridor were identified using the Environmental Screening Tool (EST). This project lies within the City of Deerfield Beach. West of I-95 within the project limits, the dominant land uses are industrial and commercial, including a Publix distribution center and several hotels at the interchanges. Additional land uses west of I-95 include City of Deerfield government offices located west of the CSX railroad and south of Hillsboro Boulevard, and a residential development southwest of SW 10th Street and the railroad. East of I-95 and south of Hillsboro Boulevard, land use is mainly single and multi-family residential with a mixture of commercial development at the interchanges. North of Hillsboro Boulevard, land use is mainly commercial along I-95 and Hillsboro Boulevard. Set behind the commercial development is the former Deerfield Country Club Golf Course.

The City of Deerfield Beach Future Land Use Map (adopted December 3, 2013) predicts that land uses within the project area will remain similar except for the conversion of the former Deerfield Country Club Golf Course into an employment center. The anticipated employment center has been branded as the Hillsboro Technology Center.

The SR-9/I-95 from SW 10th Street to Hillsboro Boulevard Project is included in the FDOT Work Program for fiscal years 2016 to 2020, where Project Development and Environment (PD&E) is scheduled for fiscal year 2016 and Preliminary Engineering is scheduled for fiscal year 2019. The Broward County Metropolitan Planning Organization (MPO) 2035 Long Range Transportation Plan (LRTP) included improvements to all I-95 interchanges in Broward County under Illustrative Roadway Projects. Illustrative projects are those that cannot be included in the cost feasible plan due to financial constraints but could be included in a future approved Transportation Improvement Program.

This project is designed to complement the I-95 Express project, and will improve connectivity to the area. This project is not anticipated to affect the land use patterns in the project corridor or the expected levels of development activity therein. Overall impacts to surrounding land uses are anticipated to be Minimal.

Social

Project Level

Comments:

Social and economic demands on the I-95 corridor will continue to increase as population and employment increase. The Broward County MPO 2035 LRTP predicts that the population will grow from 1.7 million in 2005 to 2.3 million by 2035, an increase of 29 percent. Jobs are predicted to increase from 0.7 to 1 million during the same time period, an increase of 37 percent.

The project is located within Deerfield Beach, Broward County, Florida. The 2013 American Community Survey showed that 8 of the 10 block groups within 200 feet of the project limits have a lower median income than Broward County. The block groups that intersect the project have median incomes that range from \$3,676 to \$63,640, while Broward County has a median income of \$51,251. The project area has a slightly lower percentage of minority residents than the county (55 percent compared to 59 percent).

Based on US DOT Policy Guidance, the FDOT has identified four factors to help determine if Limited English Proficiency (LEP) services would be required as listed in the FDOT PD&E Manual, Part 1, Chapter 11, Section 11.1.2.2. Based on review of these factors, LEP services will need to be considered as part of the public involvement plan. Refinement of the LEP population totals and requirements will be further evaluated in the PD&E study as part of the public involvement efforts.

Several social services and recreational assets exist in the vicinity of the project corridor. These include:

- South Florida Railway Museum (1300 West Hillsboro Boulevard)
- Assembly of God New Life (1015 W Newport Center Drive #105)
- Grace Christian Church (W Hillsboro Boulevard)
- Westside Park Recreation Center (445 SW 2nd Street)
- Broward County Fire Department and Rescue Station 111 (232 Goolsby Boulevard)
- Broward County North Regional County Court (1600 W Hillsboro Boulevard)
- U.S. Post Office - Deerfield Beach Annex (155 Goolsby Boulevard)

While access to these facilities may be temporarily impacted during construction, long-term impacts are not anticipated and all work is proposed within the existing ROW.

The proposed project is anticipated to improve traffic flow and safety to the surrounding communities and businesses. Construction may result in temporary noise impacts for residents within the vicinity of the project and may require temporary modifications to access local services. However, impacts will be temporary in nature and overall impacts on the social environment and community cohesion are anticipated to be Minimal.

This project will be developed in accordance with the Civil Rights Act of 1964 and 1968, along with Title VI of the Civil Rights Act, Executive Order 12898 (Environmental Justice), which ensures that minority and/or low-income households are neither disproportionately adversely impacted by major transportation projects, nor denied reasonable access to them by excessive costs or physical barriers.

Relocation Potential

Project Level

Comments:

Improvements proposed to SR-9/I-95 from SW 10th Street to Hillsboro Boulevard will occur primarily within the existing ROW. Partial right-of-way impacts may occur along Hillsboro Boulevard west of I-95 and at the northeast quadrant of the I-95/SW 10th Street Interchange; however, the potential impacts would not affect residential properties and relocations are not anticipated. It is anticipated that the effect to relocation potential will be None.

Farmlands

Project Level

Comments:

Farmlands were not reported within a 200-foot buffer of the interchange. Based on a review of existing land use in the vicinity of the project corridor, there are no agricultural parcels in the project area. The project occurs entirely within the Miami Urbanized Area. According to Part 2, Chapter 28, Section 28-2.1 of the FDOT PD&E Manual, transportation projects situated entirely within urbanized areas are excluded from Farmland Assessments. Additionally, work will be limited to within the existing ROW. Overall impacts to farmland are anticipated to be None.

Aesthetic Effects

Project Level

Comments:

The proposed improvements to SR-9/I-95 from SW 10th Street to Hillsboro Boulevard will utilize existing ROW; however, it would likely result in minor visual impacts to surrounding communities. Construction activities would result in a temporary disturbance of the existing visual quality and character of the surrounding environment. However, this disturbance is temporary and should not pose a long term visual impact for local areas where construction would occur. Outdoor advertising signs exist within a quarter mile of the project corridor. Impacts to permitted signs and their viewsheds will need to be addressed as plans develop. Overall impacts to visual quality and surrounding aesthetics are anticipated to be Minimal.

Economic

Project Level

Comments:

The project corridor is surrounded by residential, commercial/retail, public, institutional and industrial uses. The proposed construction will mainly utilize existing ROW along I-95 and at the interchanges. Access to adjacent businesses could temporarily be affected during construction.

The proposed project will improve traffic flow in the region, which will result in improvements to mobility and reduce congestion in a busy residential, commercial and industrial area that includes a variety of retail establishments, businesses and services both east and west of I-95. Therefore, it is anticipated that the overall project effect to the economy of the area would be Enhanced.

Mobility

Project Level

Comments:

Overall the proposed project will improve safety and overall flow of traffic along I-95 from SW 10th Street to Hillsboro Boulevard and at the interchanges. SW 10th Street provides east-west connection to US-1, Florida's Turnpike, and US 441. Hillsboro Boulevard provides east-west connection with US-1 and major arterials to the west. SW 10th Street west of I-95, Hillsboro Boulevard from I-95 to Goolsby Boulevard, and I-95 are part of the state's Strategic Intermodal System (SIS), and provide high-priority transportation facilities and services of statewide and interregional significance. The I-95 corridor is the primary interstate facility along the Atlantic

Seaboard, and a major north-south transportation spine of the Atlantic Commerce Corridor, with access to all three South Florida Ports. The I-95 corridor is a major connector between Palm Beach, Broward and Miami-Dade Counties, and is designated as a major evacuation route.

Although no designated Broward County Transit (BCT) Routes are provided within the SW 10th Street interchange area, Hillsboro Boulevard is serviced by BCT Route #48, which provides a connection from SR 7 to Deerfield Beach including a direct connection to the Deerfield Tri-Rail Station located just west of the Hillsboro interchange. There are no bicycle lanes in the project area; however, SW 10th Street west of Military Trail is equipped with bicycle lanes.

The proposed project will improve the flow of traffic to and from I-95 along Hillsboro Boulevard and SW 10th Street, and on I-95 between the interchanges, to support the region's growth, and improve mobility and safety. It is anticipated that the effect to mobility will be Enhanced.

Cultural

Section 4(f) Potential

Project Level

Comments:

There are three public parks owned and maintained by the City of Deerfield Beach in the project vicinity:

- Tivoli Sand Pine Park/Sand Pine Preserve located along SW 10th Street between SW 3rd Avenue and Natura Boulevard,
- Mayo Howard Park located at 1131 FAU Research Park Boulevard, and
- Westside Park located at 445 SW 2nd Street.

While not anticipated, if there is potential for ROW impacts to one of the parks, or temporary impacts to access, then a Determination of Applicability will be prepared.

Historic and archeological sites may be considered Section 4(f) resources; historic and archeological resources within the vicinity of the project area are listed in the Historic and Archeological Sites section. Because work is limited to within FDOT ROW, impacts to Section 4(f) resources are anticipated to be Minimal.

Historic and Archaeological Sites

Project Level

Comments:

The EST review identified one National Register-eligible resource within the project study area, the Seaboard Air Line Railway Station (BD00128).

A Cultural Resources Assessment Survey (CRAS) was prepared for the I-95 corridor from north of Oakland Park Boulevard (SR 816) to south of Glades Boulevard (SR 808) in August 2013 for the I-95 Express project, ETDM Number 3330, FM Numbers 409359-1-22-01 and 409355-1-22-01. The CRAS did not identify any additional resources eligible for listing in the National Register within the study area for this project. It is anticipated that impacts to Historical and Archaeological Sites will be Minimal.

Recreation Areas

Project Level

Comments:

There are three public parks owned and maintained by the City of Deerfield Beach in the project vicinity:

- Tivoli Sand Pine Park/Sand Pine Preserve located along SW 10th Street between SW 3rd Avenue and Natura Boulevard,
- Mayo Howard Park located at 1131 FAU Research Park Boulevard, and
- Westside Park located at 445 SW 2nd Street, south of Hillsboro Boulevard.

Tivoli Sand Pine Park is a conservation area with a public walkway accessed by SW 10th Street at SW 6th Avenue. Mayo Howard is a neighborhood park accessed by FAU Research Park Boulevard. Westside Park is a neighborhood park with mixed use recreation. Because work will be limited to the FDOT ROW, it is anticipated that the effect to recreation areas will be Minimal.

Natural

Wetlands

Project Level

Comments:

The surrounding area is largely developed, paved, cleared and landscaped, with minimal wetland habitat. The EST showed 13.39 acres of palustrine wetlands within 200 feet of the project. Some of the stormwater swales located within and adjacent to the ROW may support hydrophytic vegetation, but are components of the highway drainage system and are constructed man-made features. Potential impacts to wetlands will be assessed during the PD&E study. Avoidance and minimization strategies will be implemented during the design process. Wetland impacts are anticipated to be Minimal.

Water Quality and Quantity

Project Level

Comments:

Presently, stormwater drainage and treatment is provided primarily by a series of dry swales and ponds. The proposed project lies approximately 1,000 feet south of the Hillsboro Canal; however, impacts are not anticipated. The project would increase the impervious area. The project is located within a verified impaired water basin, the ICWW Above Pompano. The increased pollutant loading will be analyzed during the Water Quality Impact Evaluation (WQIE) as per Part 2, Chapter 20 of the PD&E manual. The WQIE will comply with the goals of the Clean Water Act. The project will be designed to meet state water quality and quantity requirements, and best management practices will be utilized during construction. It is anticipated that the effect to water quality and quantity will be Minimal.

Floodplains

Project Level

Comments:

According to the FEMA Flood Insurance Rate Map data, portions of the project are located within flood zones AE and AH. Flood zones AE and AHE are defined as areas within the 100-year floodplain, with average floodplain elevations of seven feet and one to three feet, respectively. Properties within Flood Zone Areas AE and AH have a one percent annual chance of flooding.

The project is not anticipated to affect existing flood heights or floodplain limits. It is anticipated that the effect on floodplains will be Minimal.

Wildlife and Habitat

Project Level

Comments:

Core Foraging Areas (CFA) of two active wood stork nests and the US Fish and Wildlife Service (FWS) designated consultation area for snail kites overlap the project area. No areas of designated Critical Habitat are present. The proposed project corridor will utilize existing ROW; therefore, minimal involvement regarding wildlife and habitat resources is anticipated due to the limited amount of suitable habitat along the project corridor. It is anticipated that the effect to wildlife and habitat will be Minimal.

Coastal and Marine

Project Level

Comments:

The proposed project corridor is not located within a Coastal Barrier Resource Area, and Essential Fish Habitat is not located within the project limits. Consequently, it is anticipated that the effect to coastal and marine will be None.

Physical

Noise

Project Level

Comments:

Residential, commercial/retail, public, institutional and industrial properties were identified in the immediate vicinity of the project corridor. Residential land uses are located east of I-95 to the south of Hillsboro Boulevard. Natura Boulevard is in between the project and residential areas. The EST identified one constructed noise wall at I-95 north at Hillsboro Boulevard and two recommended noise walls located near SW 10th Street and Military Trail. While temporary construction noise impacts may have short-term effects on adjacent properties, overall noise and vibration-related impacts as a result of the project are anticipated to be Minimal. A Noise Study Report will be prepared to determine potential noise effects.

Air Quality

Project Level

Comments:

The proposed project corridor is located within the Southeast Florida Airshed, which is a US Environmental Protection Agency designated Air Quality Maintenance Attainment Area for all of the National Ambient Air Quality Standards under the criteria provided in the Clean Air Act. Therefore, the Clean Air conformity requirements do not apply to this project at this time. However, an Air Quality Technical Memorandum will be prepared as a support document to the PD&E Study. Air quality effects from the proposed project are anticipated to be Minimal.

Contamination

Project Level

Comments:

A review of the EST identified a number of potentially contaminated facilities within a quarter mile of the project corridor including 20 petroleum contamination monitoring sites, 2 dry cleaners, 29 other storage tank contamination monitoring, and 40 hazardous waste facilities, such as automotive and pharmacy retail stores. (Note that some facilities are included in multiple databases.)

The following solid waste, CERCLA and superfund sites were identified within one mile of the project corridor:

- City of Deerfield Beach Transfer Station - 360 SW 4th Street - FDEP ID# 95123
- Deerfield Beach Old City Landfill - Natura Avenue - FDEP ID# 53368

The proposed project corridor will utilize existing ROW. Moderate involvement regarding sources of contamination may occur given the proximity of these facilities to the project. A Contamination Screening Evaluation Report (CSER) prepared for the I-95 corridor from north of Oakland Park Boulevard (SR 816) to south of Glades Boulevard (SR 808) for the I-95 Express project indicated that asbestos containing materials (ACMs) testing was conducted for bridges along this corridor, and that ACM were not detected. A CSER will be prepared to determine any contamination impacts. Avoidance, minimization, and mitigation strategies as well as any necessary special construction provisions will be developed based on the CSER, to avoid impacts and to ensure human health and safety if avoidance is not possible. It is anticipated that the impact to contamination will be Moderate.

Infrastructure

Project Level

Comments:

The project corridor includes the SW 10th Street Bridge over I-95 and the I-95 over Hillsboro Boulevard Bridge. The project is also considering a new ramp from SW 10th Street to I-95 which includes a bridge over a retention pond and a grade separation at Hillsboro Boulevard and the railroad. CSX railroad mainline runs within 2,000 feet east of the project limits and the Amtrak Deerfield Beach terminal is located southwest of the Hillsboro Boulevard interchange. The proposed project will utilize existing ROW. It is anticipated that overall impacts to infrastructure will be Minimal.

Navigation

Project Level

Comments:

The proposed project corridor does not intersect any navigable waters. It is anticipated that the effect to Navigation will be No Involvement.

Special Designations

Special Designations: Outstanding Florida Waters

Project Level

Comments:

The proposed project corridor is not located within an Outstanding Florida Water. It is anticipated that the effect to Outstanding Florida Waters will be No Involvement.

Special Designations: Aquatic Preserves

Project Level

Comments:

The proposed project corridor is not located within an Aquatic Preserve. It is anticipated that the effect to Aquatic Preserves will be No Involvement.

Special Designations: Scenic Highways

Project Level

Comments:

The proposed project corridor is not designated a Scenic Highway. It is anticipated that the effect to Scenic Highways will be No Involvement.

Special Designations: Wild and Scenic Rivers

Project Level

Comments:

The proposed project corridor is not located in the vicinity of a Wild and Scenic River. It is anticipated that the effect to Wild and Scenic Rivers will be No Involvement.

Advance Notification Comments

There are no Advance Notification (AN) Package comments for this project.

GIS Analyses

Since there are so many GIS Analyses available for Project #14244 - I-95 from SW 10th St to Hillsboro Blvd, they have not been included in this ETDM Summary Report. GIS Analyses, however, are always available for this project on the Public ETDM Website. Please click on the link below (or copy this link into your Web Browser) in order to view detailed GIS tabular information for this project:

<http://etdmpub.fl-a-etat.org/est/index.jsp?tpID=14244&startPageName=GIS%20Analysis%20Results>

Special Note: Please be sure that when the GIS Analysis Results page loads, the **Programming Screen Summary Report Republished on 07/11/2016 by Anson Sonnett Milestone** is selected. GIS Analyses snapshots have been taken for Project #14244 at various points throughout the project's life-cycle, so it is important that you view the correct snapshot.

Project Attachments

There are no attachments for this project.

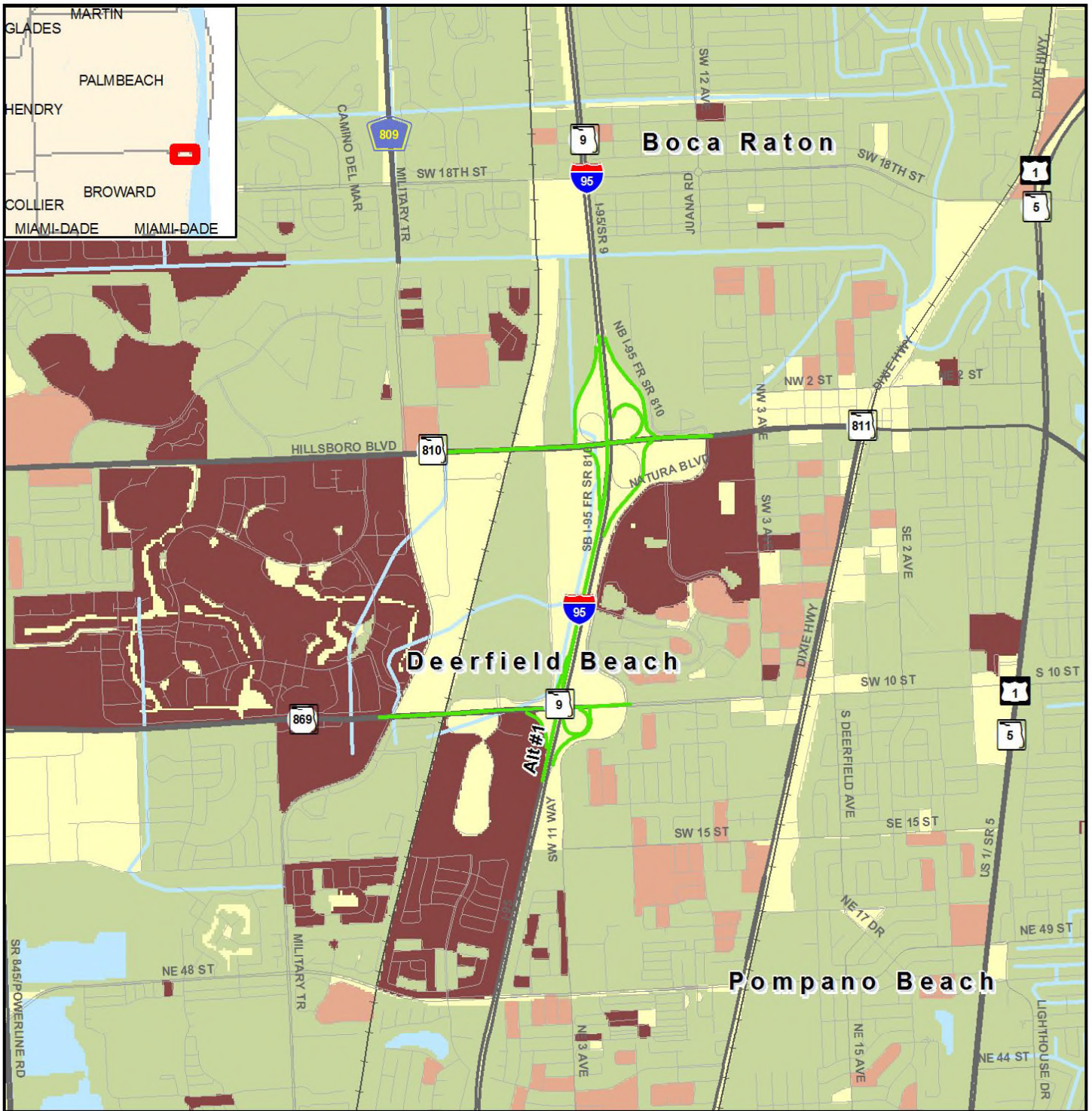
Degree of Effect Legend

Color Code	Meaning	ETAT	Public Involvement
N/A	Not Applicable / No Involvement	There is no presence of the issue in relationship to the project, or the issue is irrelevant in relationship to the proposed transportation action.	

0	None (after 12/5/2005)	The issue is present, but the project will have no impact on the issue; project has no adverse effect on ETAT resources; permit issuance or consultation involves routine interaction with the agency. The <i>None</i> degree of effect is new as of 12/5/2005.	No community opposition to the planned project. No adverse effect on the community.
1	Enhanced	Project has positive effect on the ETAT resource or can reverse a previous adverse effect leading to environmental improvement.	Affected community supports the proposed project. Project has positive effect.
2	Minimal	Project has little adverse effect on ETAT resources. Permit issuance or consultation involves routine interaction with the agency. Low cost options are available to address concerns.	Minimum community opposition to the planned project. Minimum adverse effect on the community.
2	Minimal to None (assigned prior to 12/5/2005)	Project has little adverse effect on ETAT resources. Permit issuance or consultation involves routine interaction with the agency. Low cost options are available to address concerns.	Minimum community opposition to the planned project. Minimum adverse effect on the community.
3	Moderate	Agency resources are affected by the proposed project, but avoidance and minimization options are available and can be addressed during development with a moderated amount of agency involvement and moderate cost impact.	Project has adverse effect on elements of the affected community. Public Involvement is needed to seek alternatives more acceptable to the community. Moderate community interaction will be required during project development.
4	Substantial	The project has substantial adverse effects but ETAT understands the project need and will be able to seek avoidance and minimization or mitigation options during project development. Substantial interaction will be required during project development and permitting.	Project has substantial adverse effects on the community and faces substantial community opposition. Intensive community interaction with focused Public Involvement will be required during project development to address community concerns.
5	Potential Dispute (Planning Screen)	Project may not conform to agency statutory requirements and may not be permitted. Project modification or evaluation of alternatives is required before advancing to the LRTP Programming Screen.	Community strongly opposes the project. Project is not in conformity with local comprehensive plan and has severe negative impact on the affected community.
5	Dispute Resolution (Programming Screen)	Project does not conform to agency statutory requirements and will not be permitted. Dispute resolution is required before the project proceeds to programming.	Community strongly opposes the project. Project is not in conformity with local comprehensive plan and has severe negative impact on the affected community.
	No ETAT Consensus	ETAT members from different agencies assigned a different degree of effect to this project, and the ETDM coordinator has not assigned a summary degree of effect.	
	No ETAT Reviews	No ETAT members have reviewed the corresponding issue for this project, and the ETDM coordinator has not assigned a summary degree of effect.	

Project-Level Hardcopy Maps

14244 I-95 from SW 10th St to Hillsboro Blvd



Age Distribution Map

- ETDM Alternative
 - ETDM Alternative Terminus
 - Major Road
 - Local Road or Trail
- Median Age
- 0 - 18
 - 18 - 30
 - 30 - 65
 - > 65

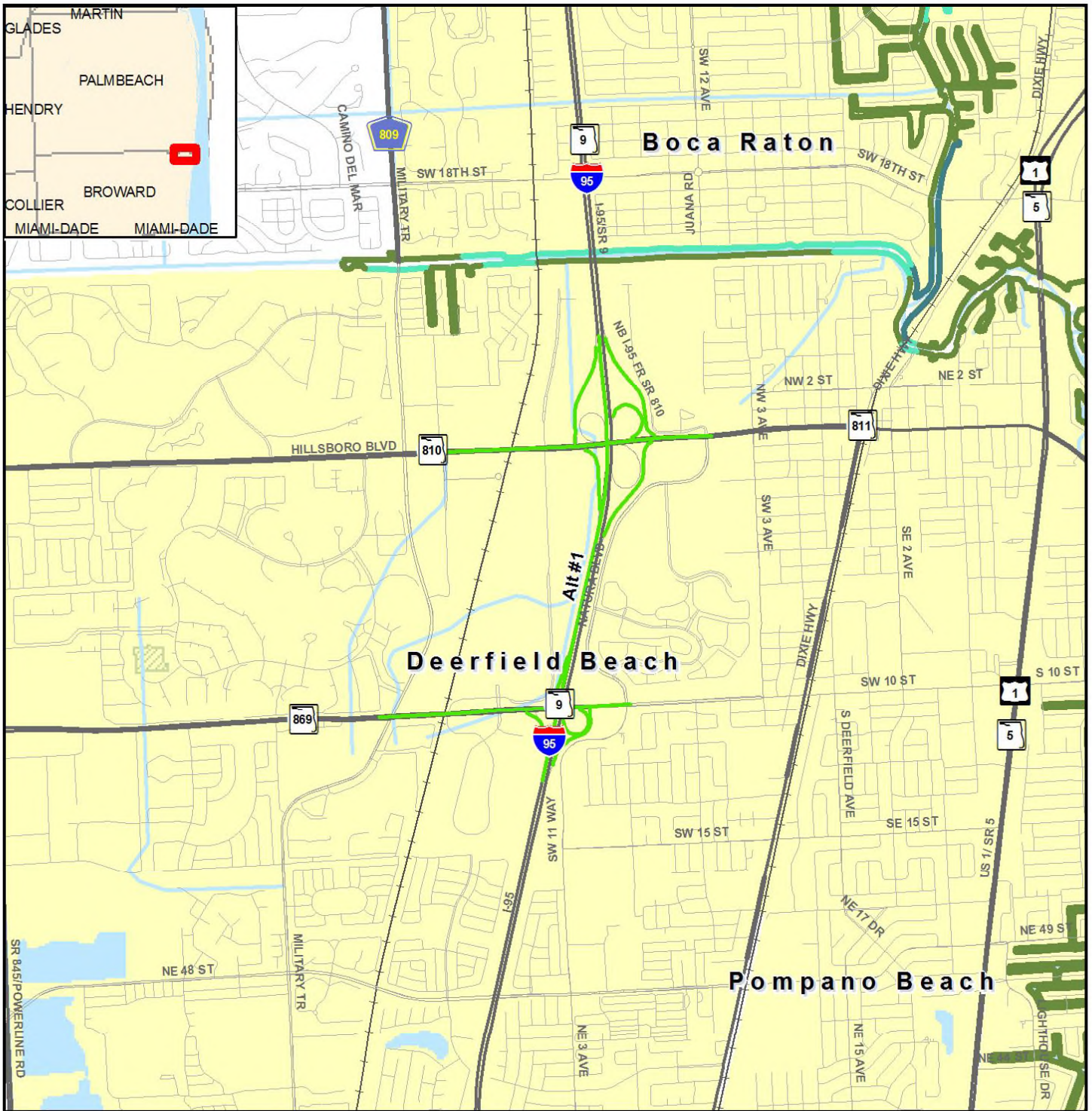
Data Sources:
 US Geological Survey
 FL Department of Transportation
 NAVTEQ
 US Census Bureau (2010)



8/30/2015

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14244 I-95 from SW 10th St to Hillsboro Blvd



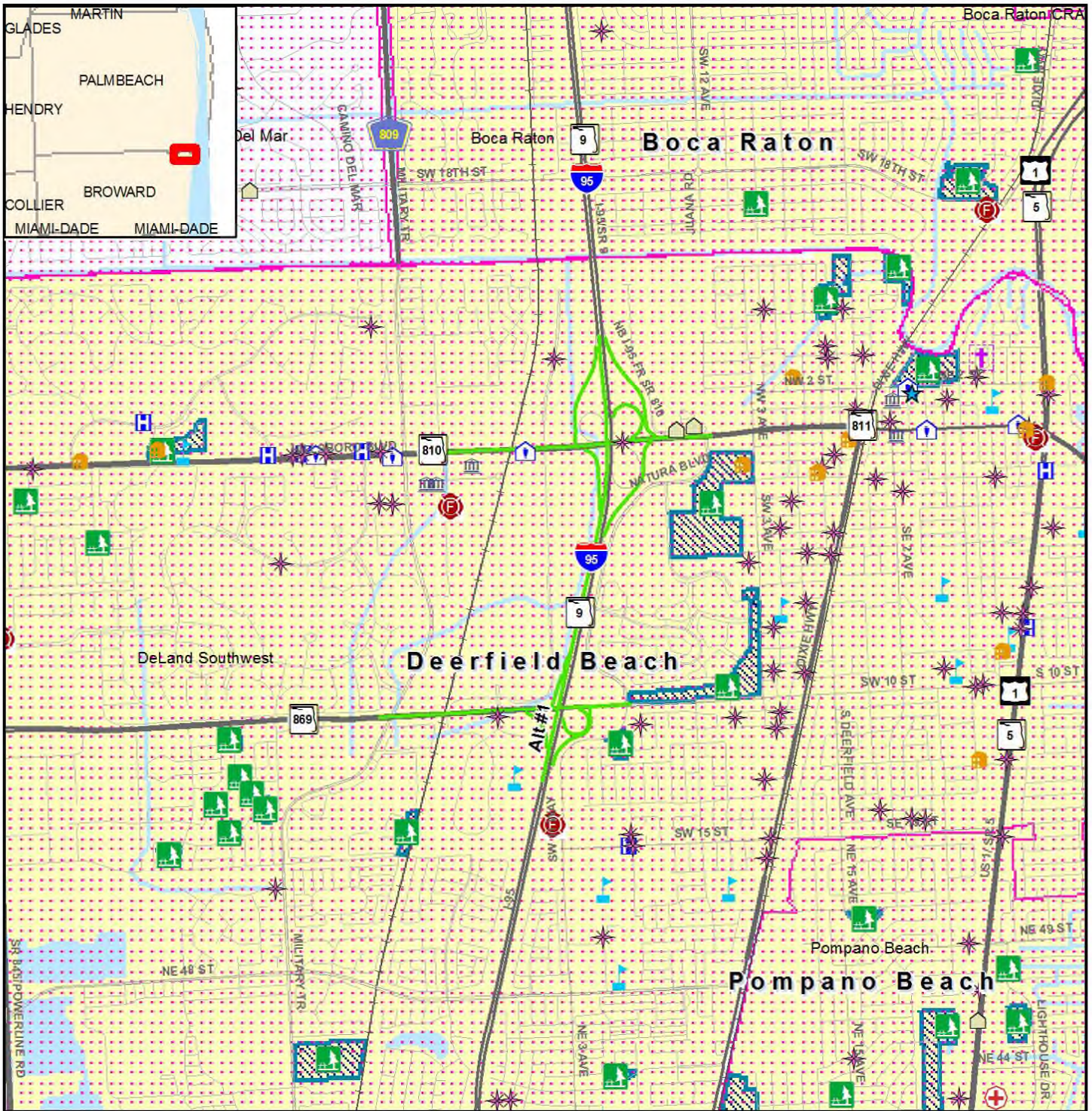
Coastal and Marine Map

ETDM Alternative	Swamp or Marsh	Coastal Barrier Resource Area	Non-vegetated Wetland
ETDM Alternative Terminus	Exposed Rocky Platform	Continuous Seagrass	Vegetated Non-forested Wetland
City Limits	Sand Beach	Discontinuous Seagrass	Wetland Forested Mixed
Navigable Water Way	Gravel Beach/Riprap	Aquatic Preserve	Wetland Coniferous Forest
	Exposed Tidal Flat		Wetland Hardwood Forest
	Sheltered Tidal Flat	Data Sources: NAVTEQ; US Geological Survey; Florida Marine Research Institute; Florida Department of Transportation; Florida Department of Environmental Protection; National Oceanic and Atmospheric Association; Florida Water Management Districts	
	Mixed Sand And Gravel Beach	Environmental Screening Tool 1915 * 2015	
	Sheltered Rock/Seawall/Vegetated		
	Exposed Vertical Rocky Shore/Seawall		

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14244 I-95 from SW 10th St to Hillsboro Blvd



Community Services Map

- | | | | | |
|---------------------------|------------------|------------------|-------------|---------------------------------|
| ETDM Alternative | Government | Law Enforcement | Health Care | Recreational Trail |
| ETDM Alternative Terminus | Civic Center | Place of Worship | School | Community Boundary |
| Major Road | Cemetery | Cultural Center | Park | Conservation or Recreation Area |
| Local Road or Trail | Social Service | Fire Station | | |
| City Limits | Community Center | | | |

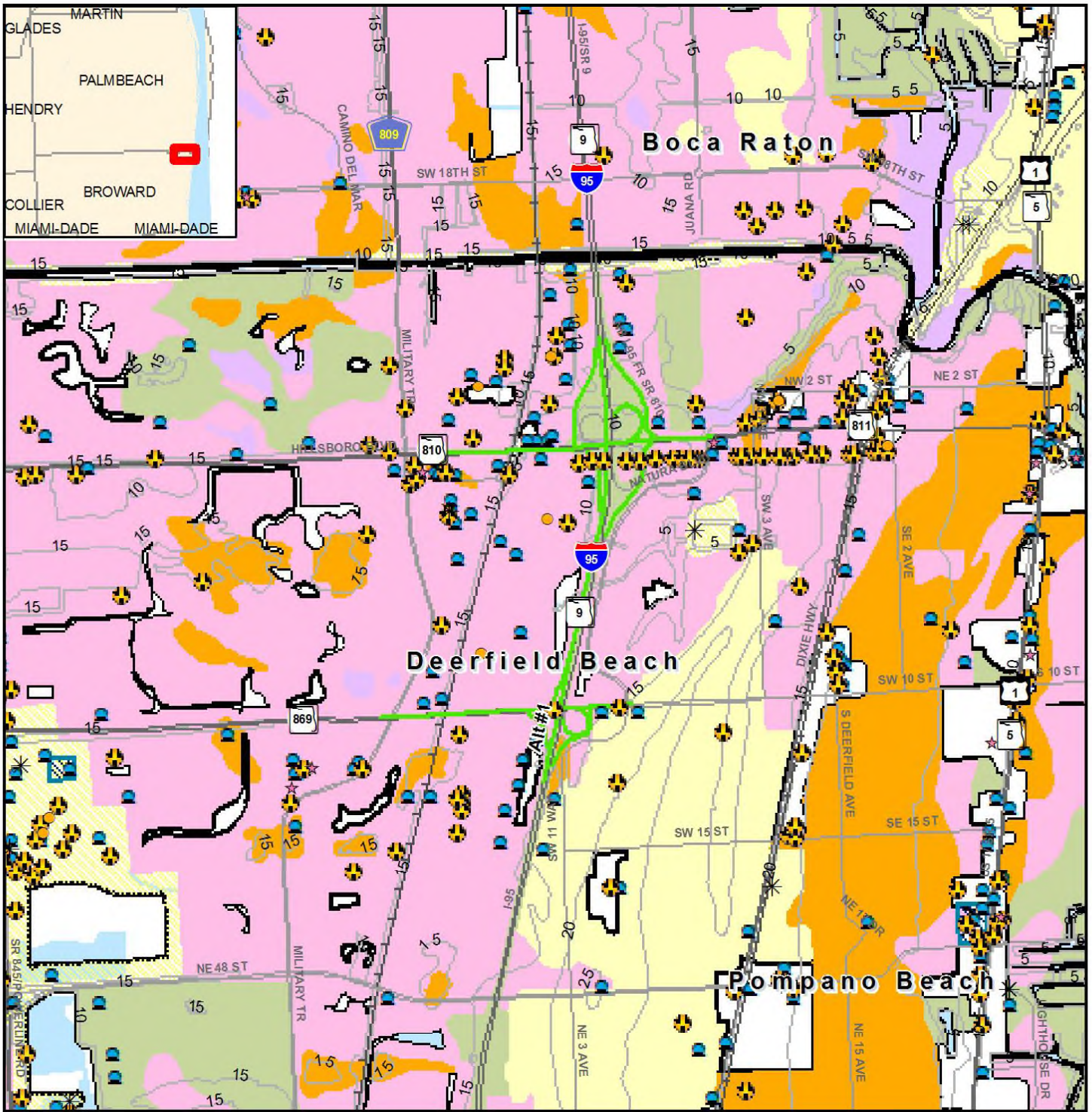
Data Sources: US Geological Survey; FL Department of Transportation; NAVTEQ; FL Property Appraisers; FL Natural Areas Inventory



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14244 I-95 from SW 10th St to Hillsboro Blvd



Contamination Map

ETDM Alternative	Hazardous Material Site	5 FT Contour	Somewhat Poorly Drained
ETDM Alternative Terminus	Power Plant	NPL Remediation Site	Poorly Drained
Major Road	Superfund Site	Brownfield Area	Very Poorly Drained
Local Road or Trail	Nuclear Site	Somewhat Excessively Drained	Unclassified
Toxic Release Inventory	FDEP Tanks	Excessively Drained	
Dry Cleaning Facility		Well Drained	
Solid Waste Facility		Moderately Well Drained	

Data Sources: NAVTEQ; US Geological Survey; FL Department of Transportation; FL Department of Environmental Protection; FL Water Management Districts; US Environmental Protection Agency; Natural Resource Conservation Service

0 0.15 0.3 0.6 Miles

etdm Environmental Screening Tool

Centennial FDOT 1915 * 2015

8/30/2015

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14244 I-95 from SW 10th St to Hillsboro Blvd



Farmlands Map

- | | | |
|---------------------------|----------------------|----------------------|
| ETDM Alternative | Cropland/Pastureland | Prime Farmland Soils |
| ETDM Alternative Terminus | Nurseries/Vineyards | Specialty Farms |
| Major Road | Tree Crops | Rural Open Lands |
| Local Road or Trail | | |
| City Limits | | |

Data Sources:
 NAVTEQ
 Florida Water Management Districts
 US Geological Survey
 Natural Resources Conservation Services

0 0.15 0.3 0.6 Miles



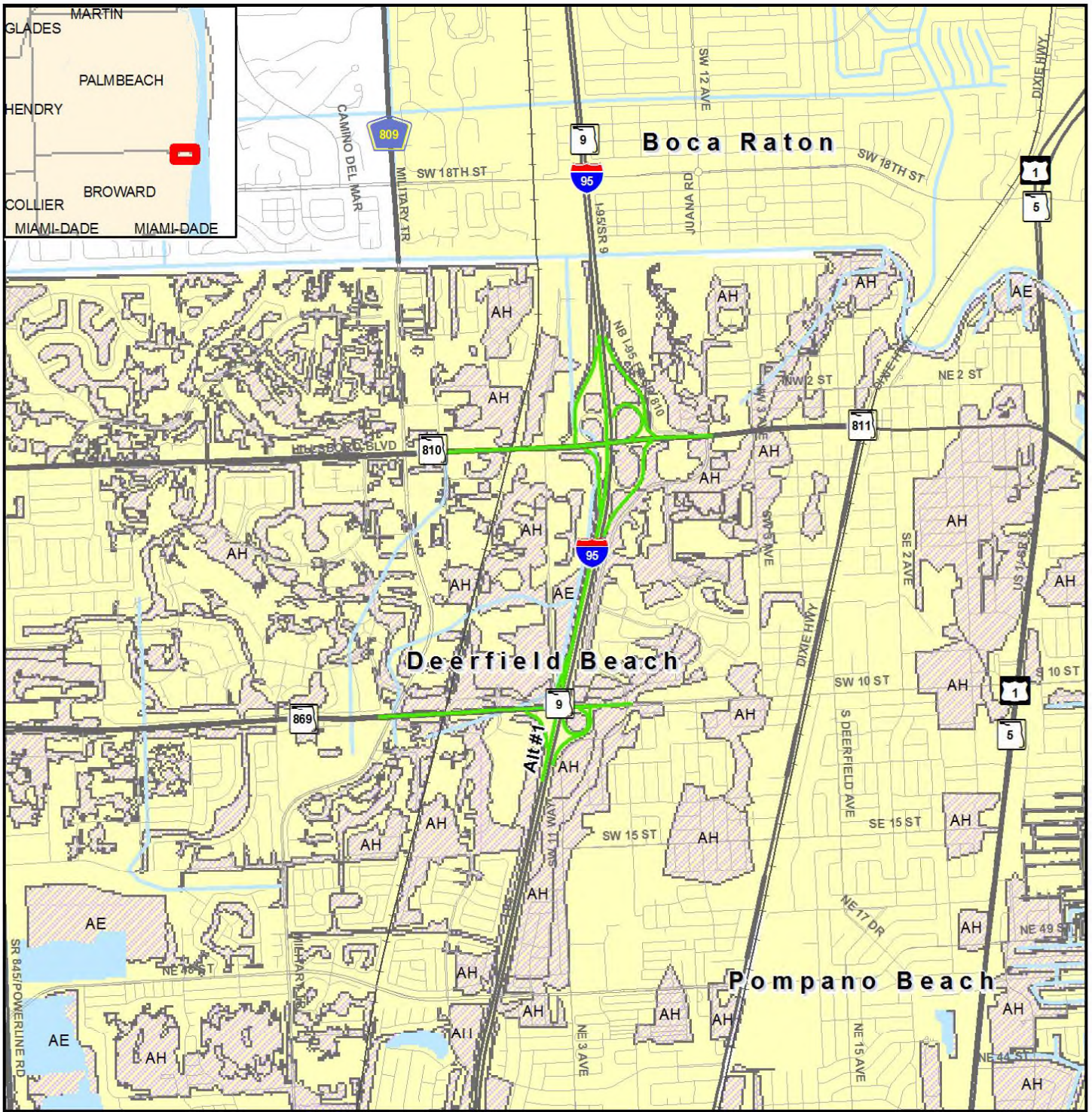
etdm
 Environmental Screening Tool

Centennial
FDOT
 1915 * 2015

8/30/2015

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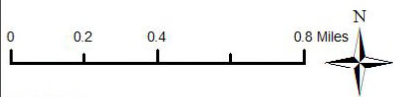
14244 I-95 from SW 10th St to Hillsboro Blvd



Floodplains Map

- ETDM Alternative
- ETDM Alternative Terminus
- Major Road
- Local Road or Trail
- City Limits
- Special Flood Hazard Area

Data Sources:
 NAVTEQ
 US Geological Survey
 Federal Emergency Management Agency



8/30/2015

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14244 I-95 from SW 10th St to Hillsboro Blvd



Historic Resource Map

- ETDM Alternative
- ETDM Alternative Terminus
- Major Road
- Local Road or Trail
- Year Built
 - Pre 1970
 - Post 1980
 - 1970 - 1979
 - Parcels w/ no values
- ★ Historic Structure
- Historic Bridge
- State Historic Highway
- Historic Cemetery
- Historic Resource Group
- Cultural Resource Field Survey Area

Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Department of State,
 Bureau of Archaeological Research

Note: Historic properties depicted on this map represent resources listed in the Florida Master Site File excluding archeological site locations, which, pursuant to Chapter 267.135, Florida Statutes, may be exempt from public record (Chapter 119.07, Florida Statutes). Absence of features on the map does not necessarily indicate an absence of resources in the project vicinity.

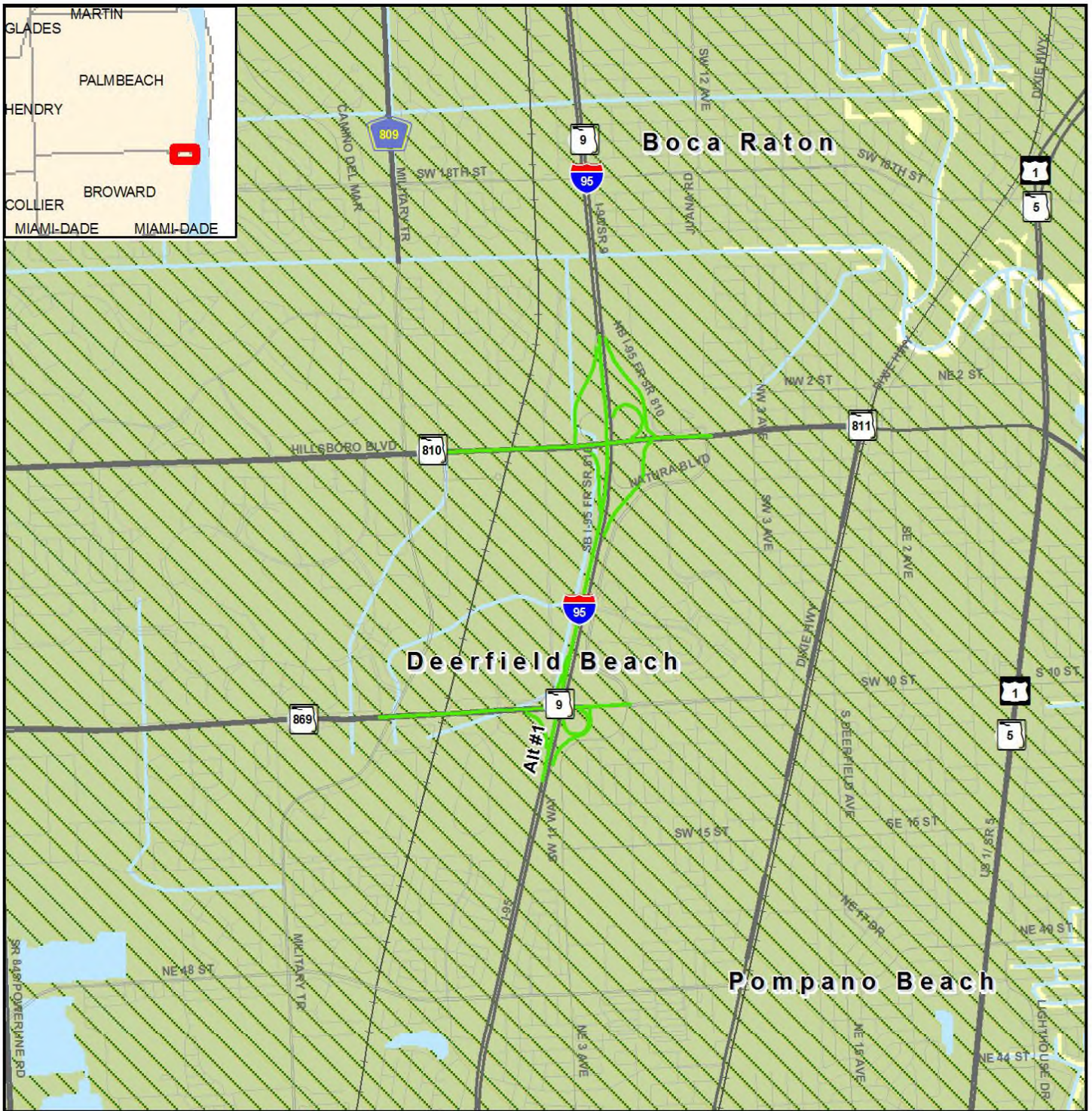
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8/30/2015



14244 I-95 from SW 10th St to Hillsboro Blvd



Hydrogeology Map

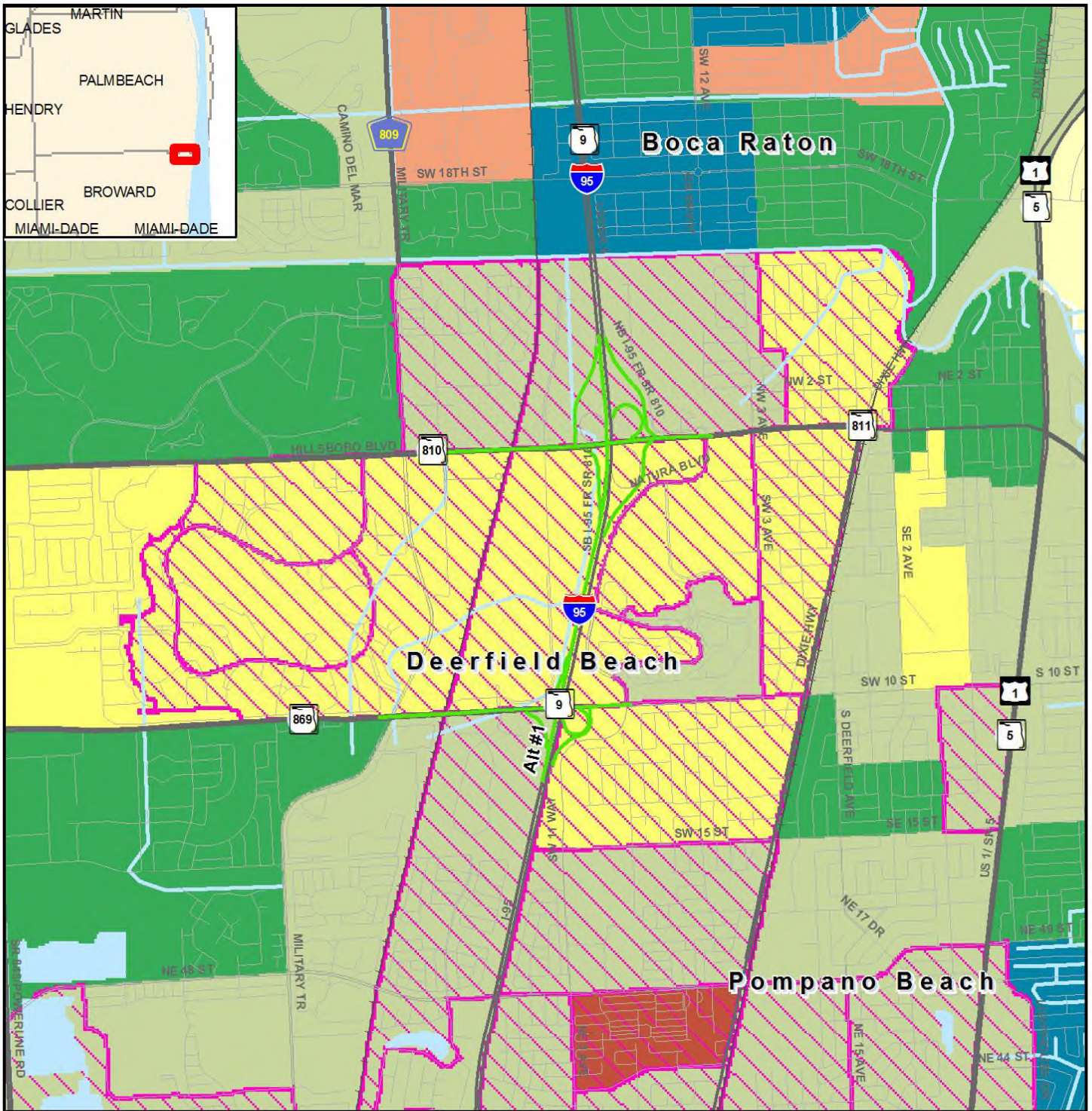
<ul style="list-style-type: none"> ■ ETDM Alternative ● ETDM Alternative Terminus Major Road Local Road or Trail City Limits 	<p>Recharge Areas of the Floridan Aquifer</p> <ul style="list-style-type: none"> Discharge 1 to 5 Discharge > 5 Discharge < 1 Recharge 1 to 10 Recharge > 10 Recharge < 1 	<p>Surface Geology</p> <ul style="list-style-type: none"> Eocene Miocene Miocene/Pliocene Oligocene Oligocene/Miocene Pleistocene Holocene Pleistocene/Holocene Pliocene Pliocene/Pleistocene
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Data Sources: NAVTEQ; US Geological Survey
 Florida Department of Transportation
 South West Florida Water Management District
 Florida Geological Survey

8/30/2015

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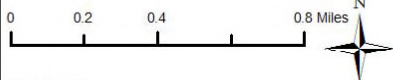
14244 I-95 from SW 10th St to Hillsboro Blvd



Income Map

- ETDM Alternative
 - ETDM Alternative Terminus
 - Major Road
 - Local Road or Trail
 - > 20% Below Poverty
- | Median Household Income | |
|-------------------------|------------------|
| | 0 - 10,000 |
| | 10,001 - 29,999 |
| | 30,000 - 49,999 |
| | 50,000 - 79,999 |
| | 80,000 - 125,000 |
| | > 125,000 |

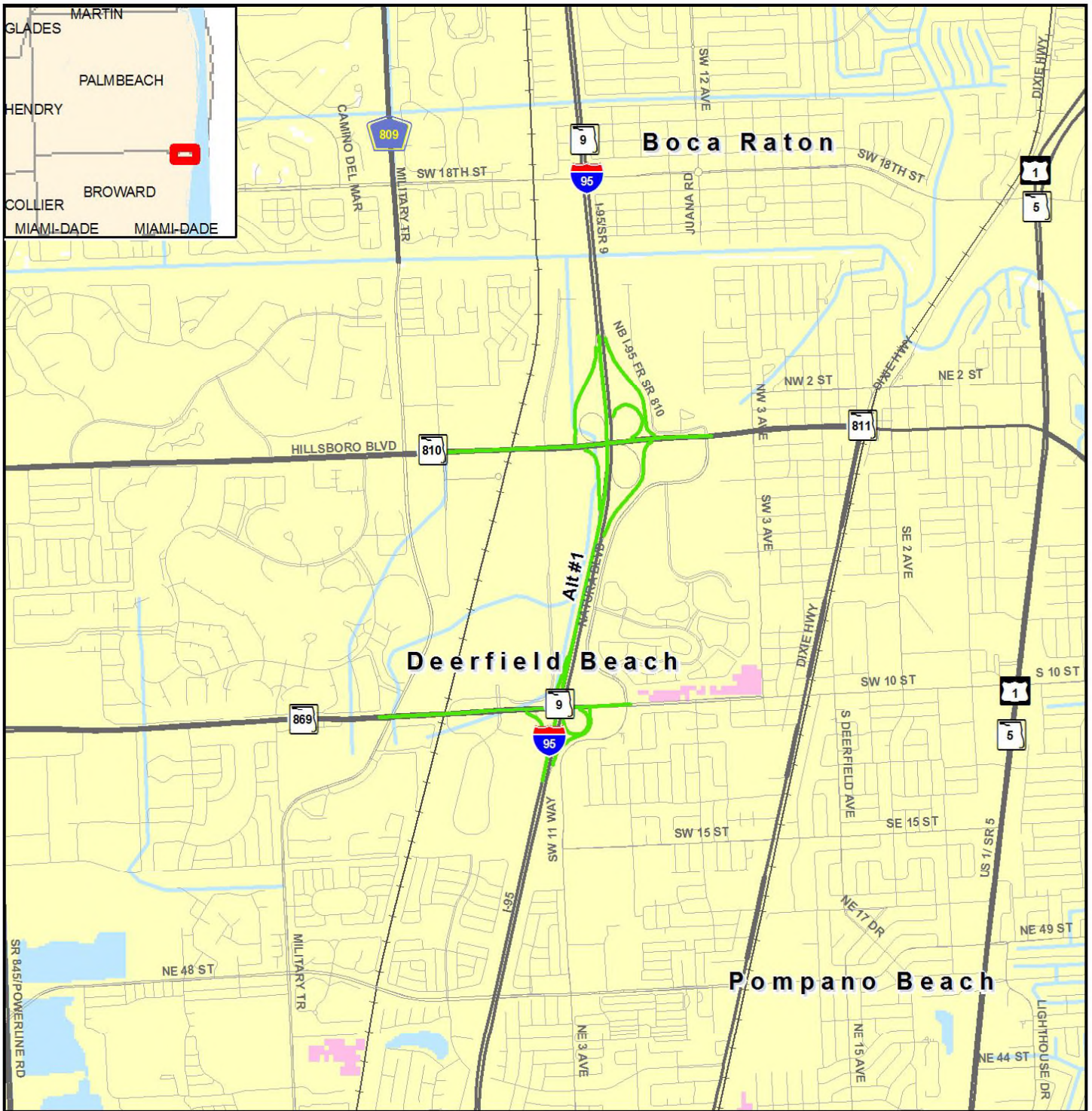
Data Sources:
 US Geological Survey
 FL Department of Transportation
 NAVTEQ
 US Census Bureau (2010)



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Integrated Wildlife Model Map

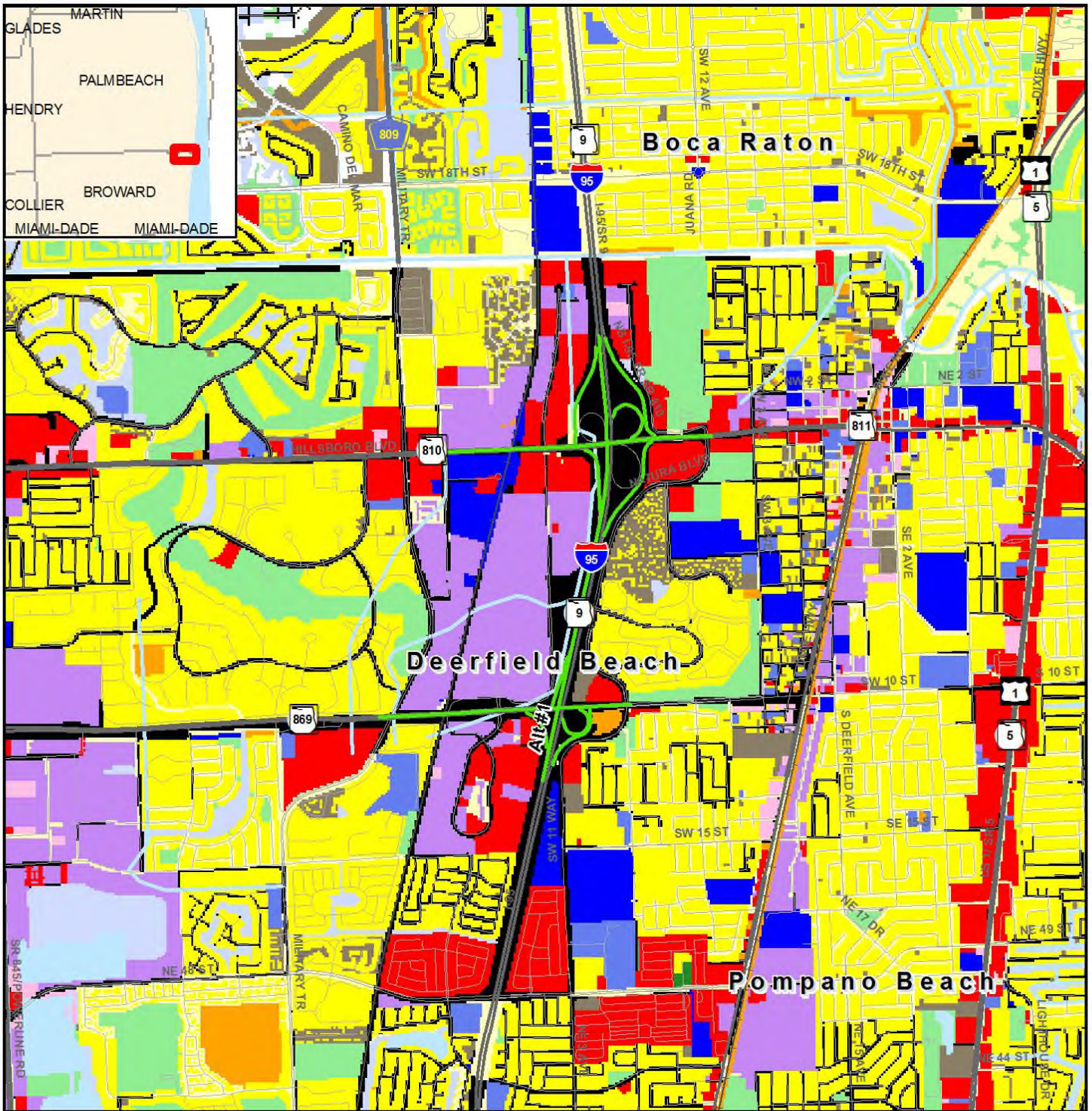
Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Fish & Wildlife Conservation Commission



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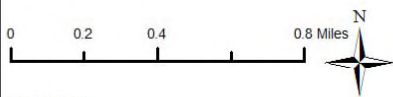
14244 I-95 from SW 10th St to Hillsboro Blvd



Land Use Map

- | | | | |
|--|---|--|---|
| ■ ETDM Alternative | ■ Agricultural | ■ Other | ■ Retail/Office |
| ● ETDM Alternative Terminus | ■ Industrial | ■ Public | ■ Vacant (Residential) |
| — Major Road | ■ Institutional | ■ Right-of-Way | ■ Vacant (Nonresidential) |
| — Local Road or Trail | ■ Mining | ■ Recreational | ■ Water |
| | ■ Open (Not Agricultural) | ■ Residential | □ No Data |

Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Revenue
 Florida Department of Transportation
 Florida County Property Appraiser Offices

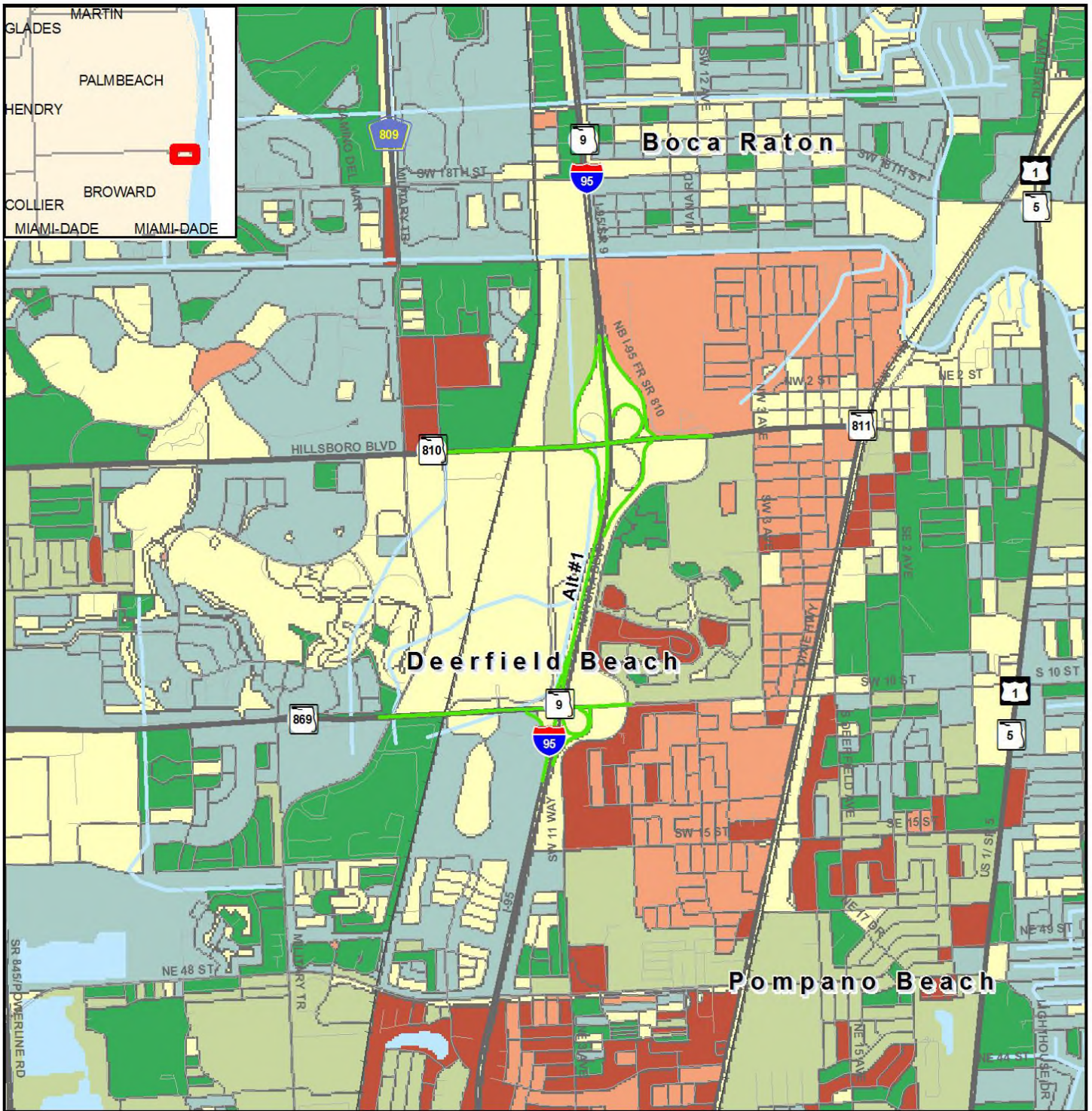


8/30/2015

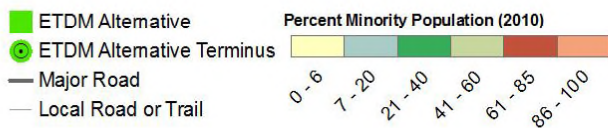


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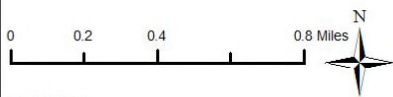
14244 I-95 from SW 10th St to Hillsboro Blvd



Minority Population Map



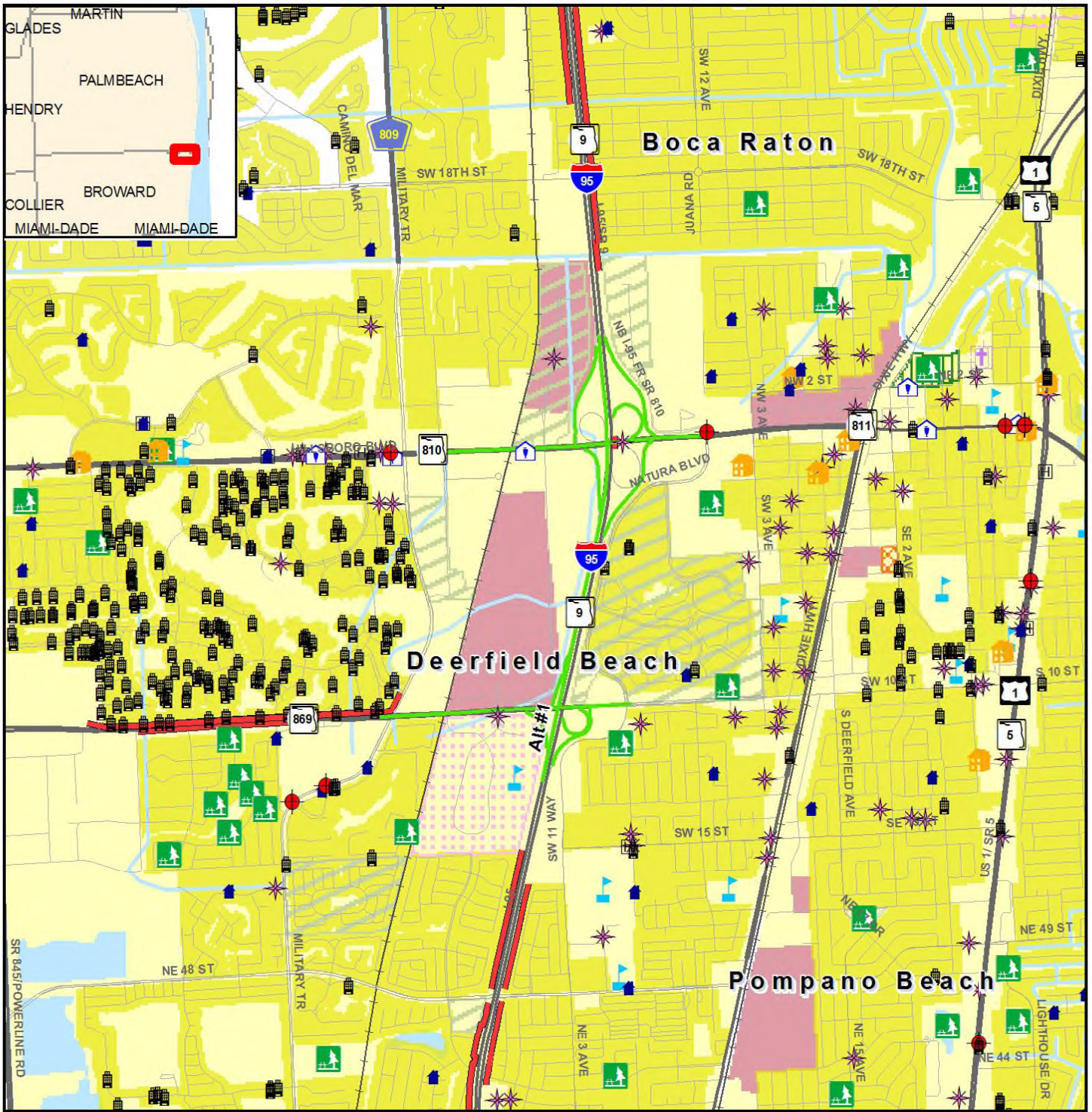
Data Sources:
 US Geological Survey
 FL Department of Transportation
 NAVTEQ
 US Census Bureau (2010)



8/30/2015

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Noise Map

- | | | | | |
|---------------------------|---------------------------|--------------------|---------------------------|--------------------------|
| ETDM Alternative | Condo Owners Associations | Cultural Center | Historic Cemetery | Industrial |
| ETDM Alternative Terminus | Hospitals | Health Care | Planned Unit Developments | Residential |
| City Limits | Laser On-site | Park | Wildlife Refuges | HUD Renewal |
| Noise Barriers | Group Care Facilities | National Parks | National Park Projects | Nat'l Estuarine Reserves |
| Existing Trails | Cemetery | Marine Sanctuaries | Military Installations | Enterprise Zones |
| | Community Center | School | | DRI |



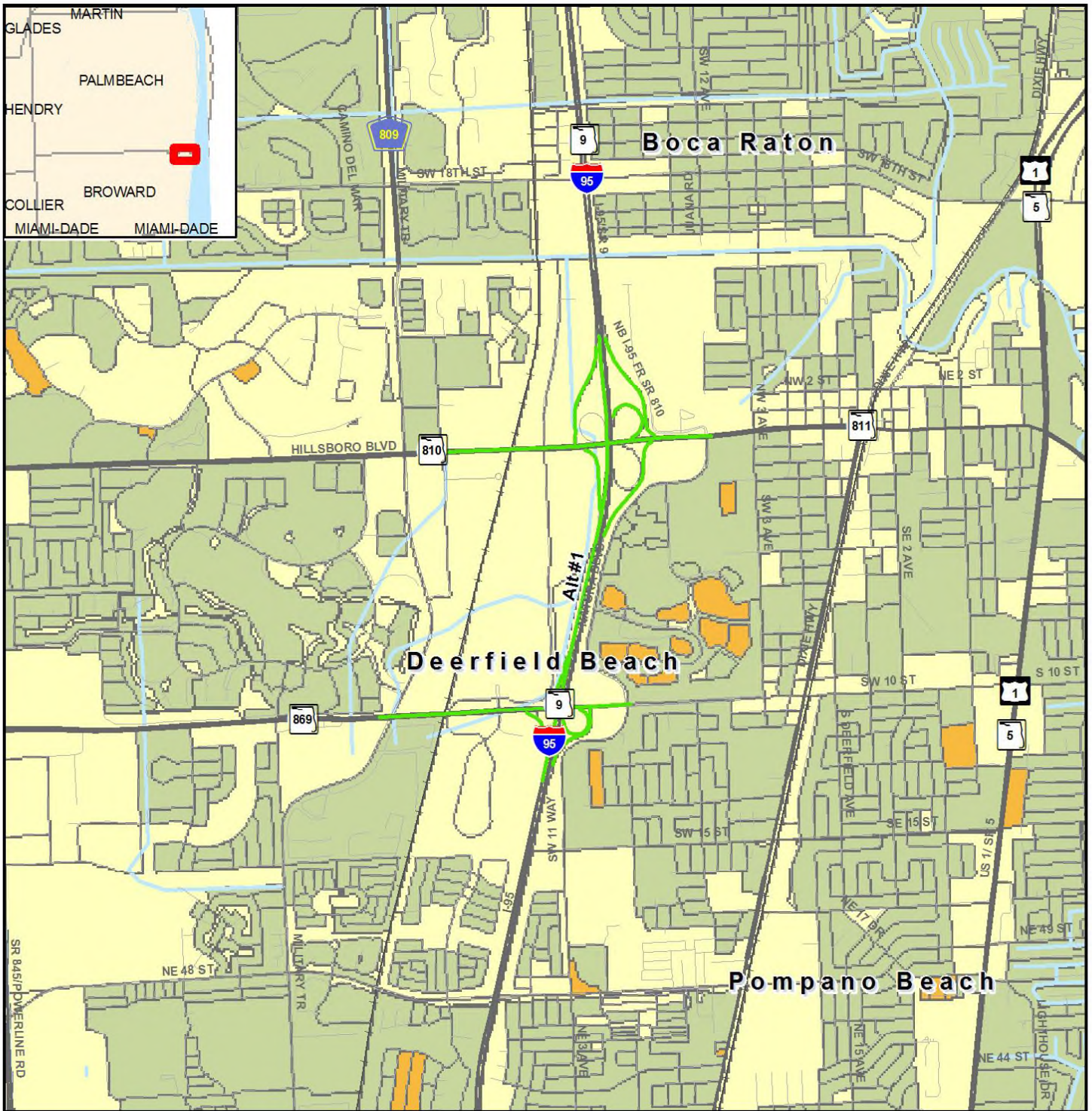
Data Sources:
 GeoPlan Center, US Geological Survey, US Census Bureau,
 HUD, Florida DOT, US Fish and Wildlife, National Park Service,
 NOAA, National Estuarine Research, Enterprise Florida



8/30/2015

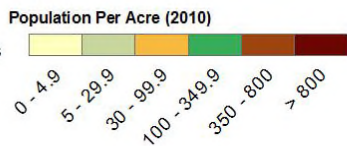
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Population Density Map

- ETDM Alternative
- ETDM Alternative Terminus
- Major Road
- Local Road or Trail



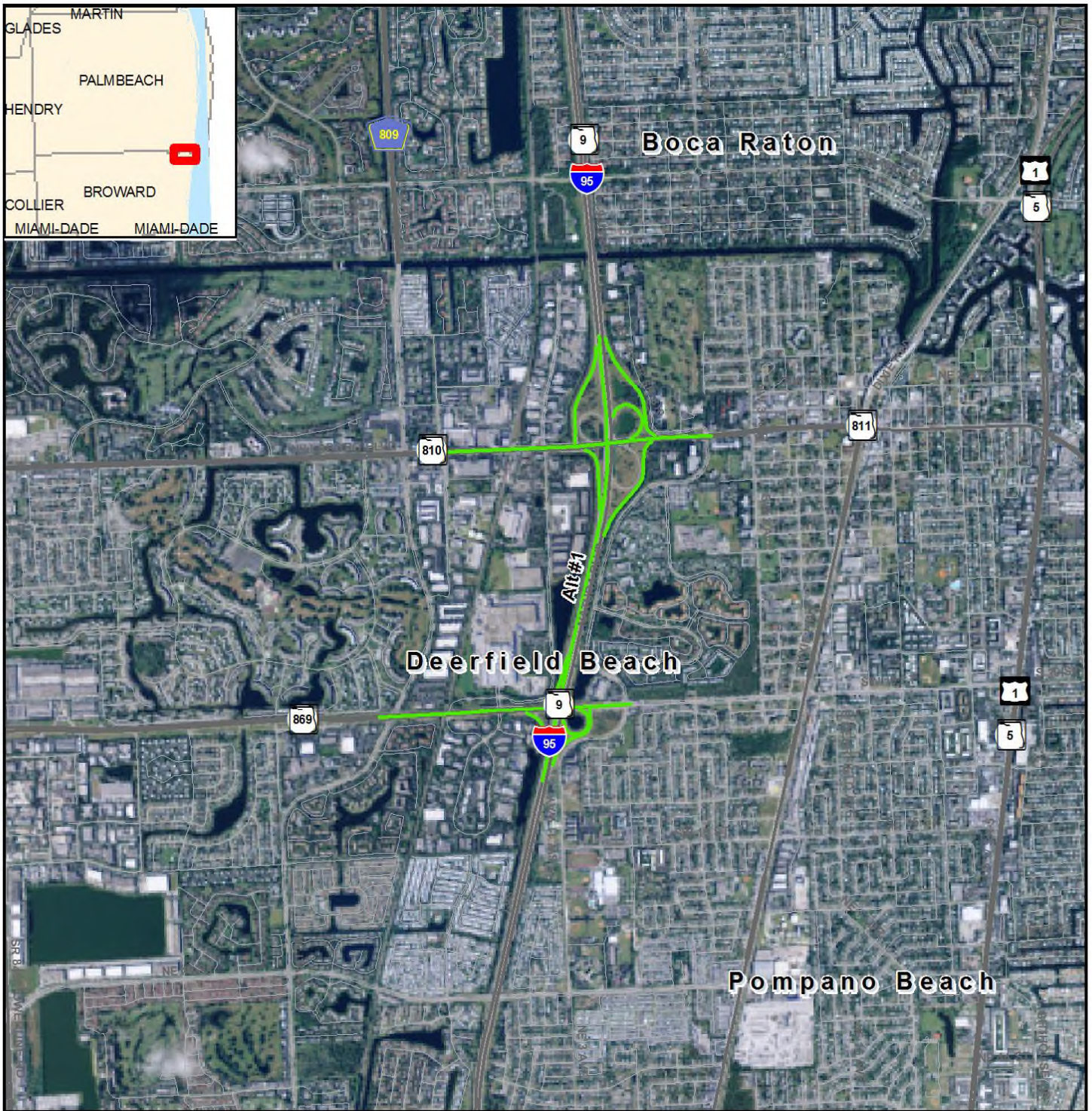
Data Sources:
 US Geological Survey
 FL Department of Transportation
 NAVTEQ
 US Census Bureau (2010)



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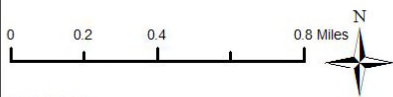
14244 I-95 from SW 10th St to Hillsboro Blvd



Project Aerial Map

- ETDM Alternative
- ETDM Alternative Terminus
- Major Road
- Local Road or Trail

Data Sources:
 Highways - NAVTEQ
 Digital Orthophotograph - ArcGIS Online



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14244 I-95 from SW 10th St to Hillsboro Blvd



Project Base Map

- ETDM Alternative
- ETDM Alternative Terminus
- Local Road or Trail
- Major Road
- City Limits
- Managed Conservation Lands

Data Sources:
 NAVTEQ
 US Geological Survey
 US Census Bureau
 County Property Appraisers
 Florida Natural Areas Inventory

0 0.15 0.3 0.6 Miles



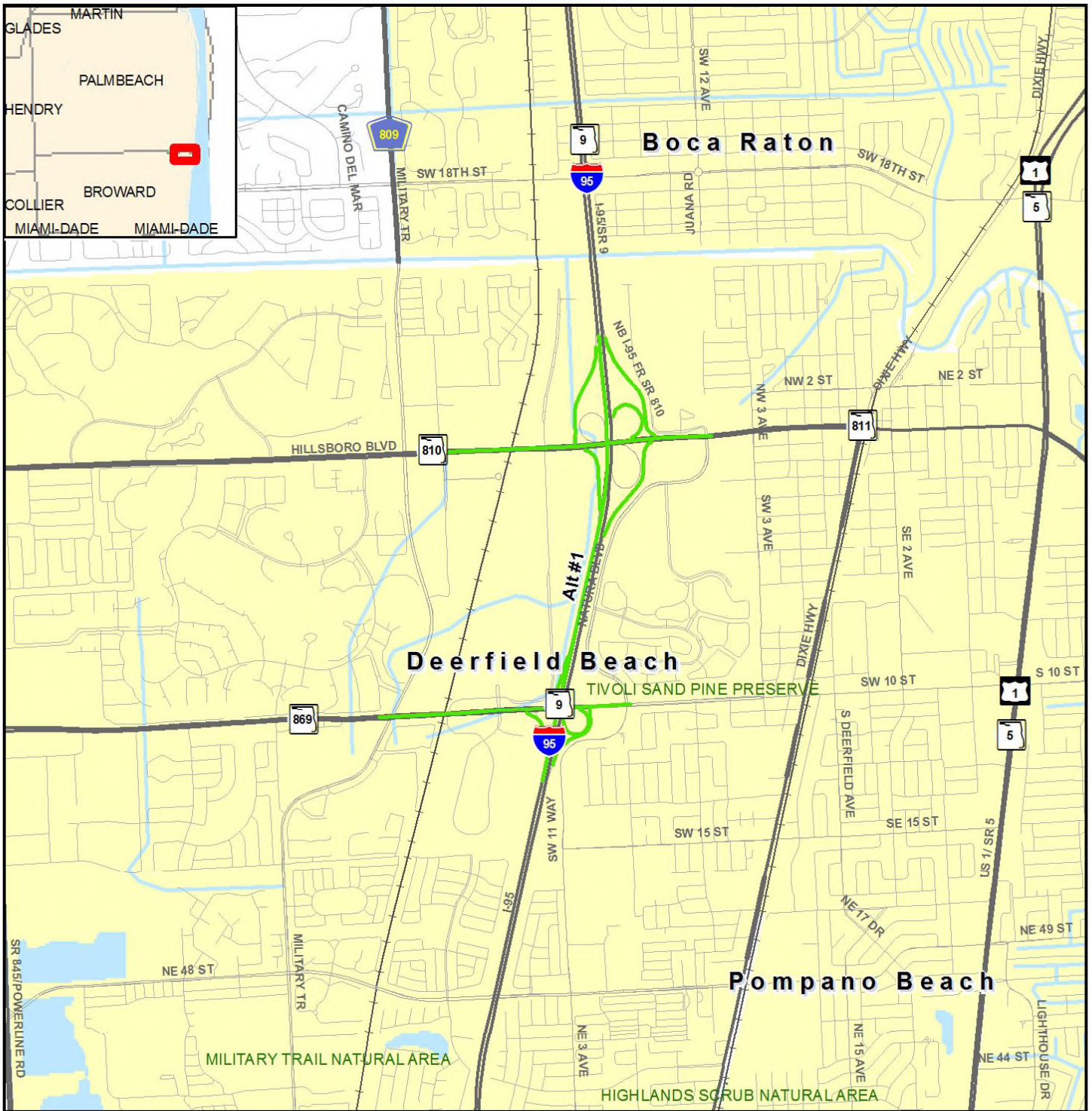
etdm
 Environmental Screening Tool

Centennial
FDOT
 1915 * 2015

8/30/2015

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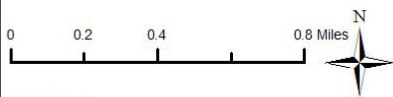
14244 I-95 from SW 10th St to Hillsboro Blvd



Recreational Areas Map

- ETDM Alternative
- ETDM Alternative Terminus
- Major Road
- Local Road or Trail
- City Limits
- Conservation or Recreation Area

Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Natural Areas Inventory



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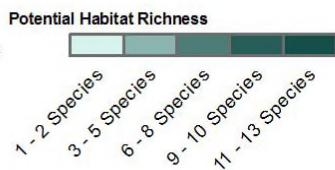
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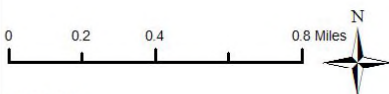


Species Potential Map

- ETDM Alternative
- ETDM Alternative Terminus
- Major Road
- Local Road or Trail
- City Limits



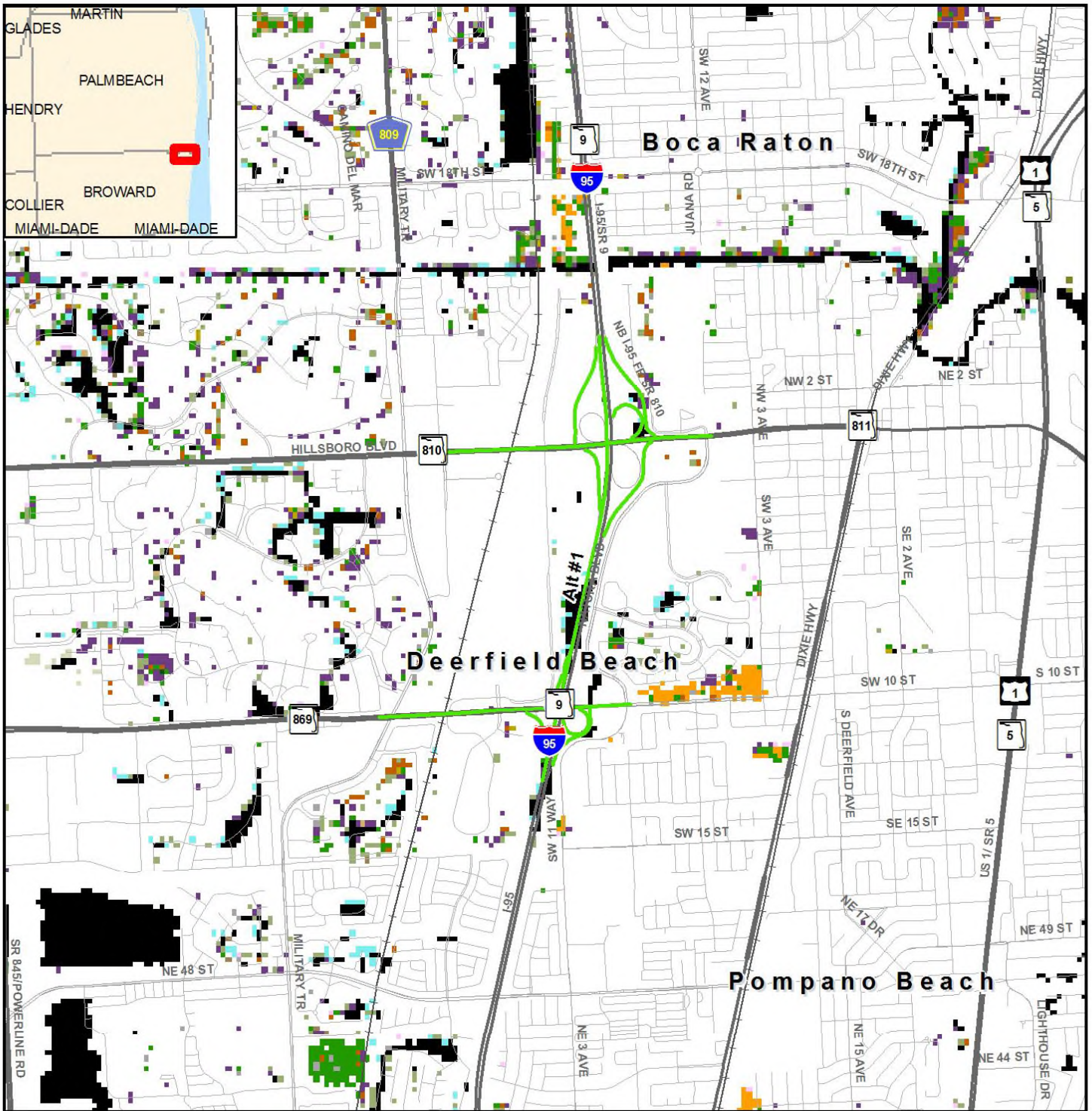
Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Fish & Wildlife Conservation Commission



8/30/2015

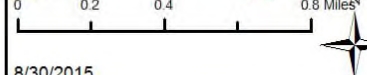
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Vegetation Map

- | | | | | | |
|---------------------------|----------------------------------|---------------------------|----------------------------|---------------------|-------------------|
| ETDM Alternative | Dry Prairie | Cattail Marsh | Bottomland Hardwood Forest | Bare Soil/Clearcut | Australian Pine |
| ETDM Alternative Terminus | Mixed Hardwood-pine Forest | Shrub Swamp | Salt Marsh | Improved Pasture | Melaleuca |
| Not Classified | Hardwood Hammocks and Forests | Bay Swamp | Mangrove Swamp | Unimproved Pasture | Brazilian Pepper |
| Coastal Strand | Pinelands | Cypress Swamp | Scrub Mangrove | Sugarcane | High Impact Urban |
| Sand/Beach | Cabbage Palm-live Oak Hammock | Cypress/Pine/Cabbage Palm | Tidal Flats | Citrus | Low Impact Urban |
| Xeric Oak Scrub | Tropical Hardwood Hammock | Mixed Wetland Forest | Open Water | Row and Field Crops | Extractive |
| Sand Pine Scrub | Freshwater Marsh and Wet Prairie | Hardwood Swamp | Shrub and Brushland | Other Agriculture | Exotic Plants |
| Sandhill | Sawgrass Marsh | Hydric Hammock | Grassland | | |



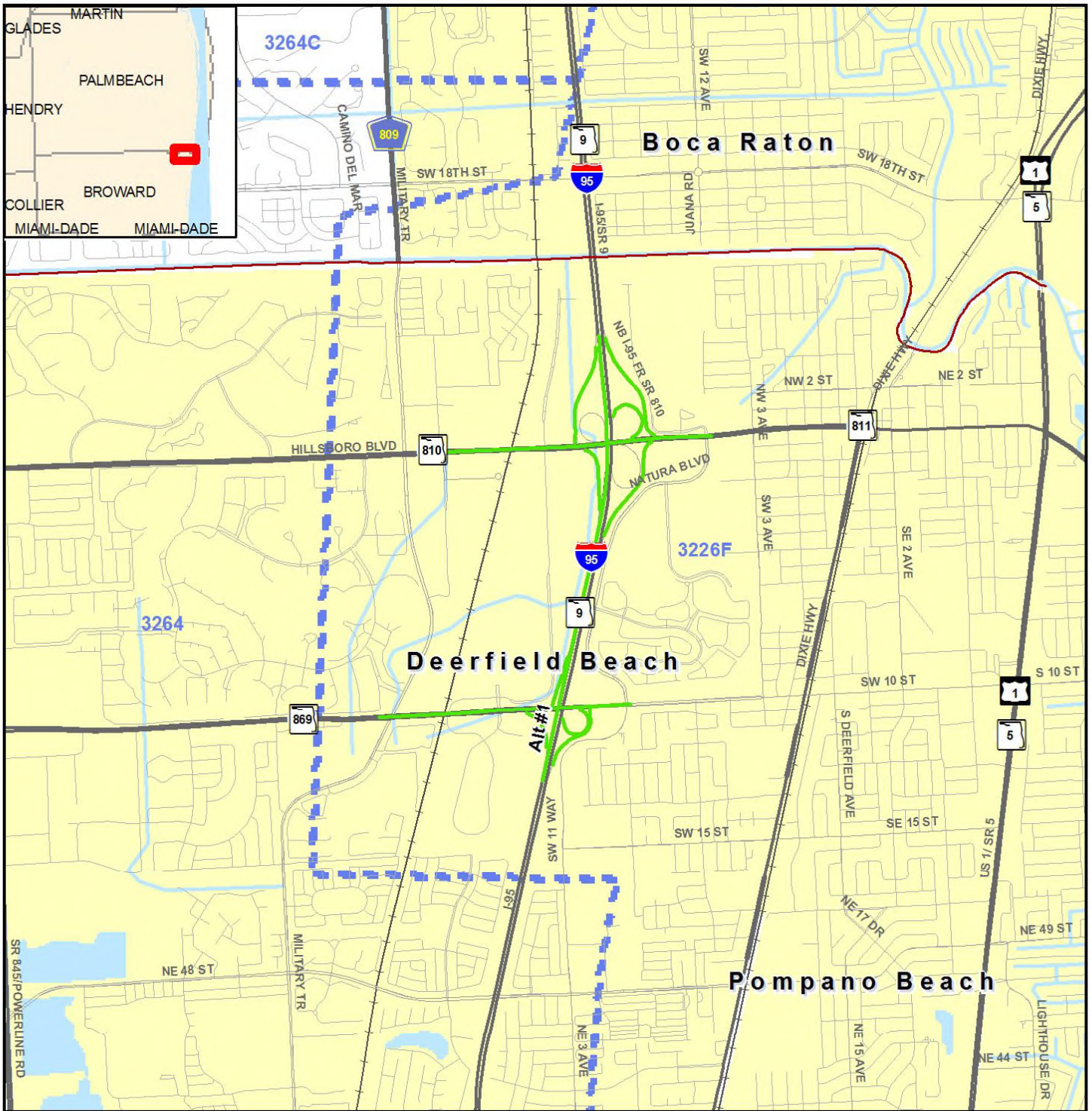
Data Sources: NAVTEQ; Florida Department of Transportation; Florida Fish and Wildlife Conservation Commission



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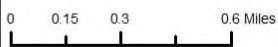
14244 I-95 from SW 10th St to Hillsboro Blvd



Water Resource Map

- | | | | |
|---------------------------|------------------------|---------------------------|-------------|
| ETDM Alternative | 1st Magnitude Spring | Drainage Basin | Water Body |
| ETDM Alternative Terminus | River, Stream or Canal | Outstanding Florida Water | Swamp/Marsh |
| Major Road | Navigable Water Way | Surface Water Class I | |
| Local Road or Trail | SFWMD Canals | Surface Water Class II | |
| City Limits | | | |

Data Sources:
 NAVTEQ
 US Geological Survey
 Florida Department of Transportation
 Florida Department of Environmental Protection
 Florida Geological Survey
 US Bureau of Transportation Statistics



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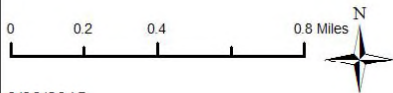
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Wetlands Map

- | | | |
|--|---|--|
| ■ ETDM Alternative | — River, Stream or Canal | ■ Non-vegetated Wetland |
| ● ETDM Alternative Terminus | ■ Water Body | ■ Vegetated Non-forested Wetland |
| — Major Road | ■ Swamp/Marsh | ■ Wetland Forested Mixed |
| — Local Road or Trail | | ■ Wetland Coniferous Forest |
| ■ City Limits | | ■ Wetland Hardwood Forest |

Data Sources:
 NAVTEQ
 Florida Water Management Districts
 US Geological Survey



8/30/2015

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Appendix D

Site Reconnaissance Photographic Log

Photo No. 1	Date: 06/07/2018
-----------------------	----------------------------

Direction Photo Taken:

Northwest

DESCRIPTION:

**Former Dry Clean USA
(N1)**



Photo No. 2	Date: 07/01/2020
-----------------------	----------------------------

Direction Photo Taken:

Southwest

Description:

**Broward County School
BD-Bright Horizons (N5)**

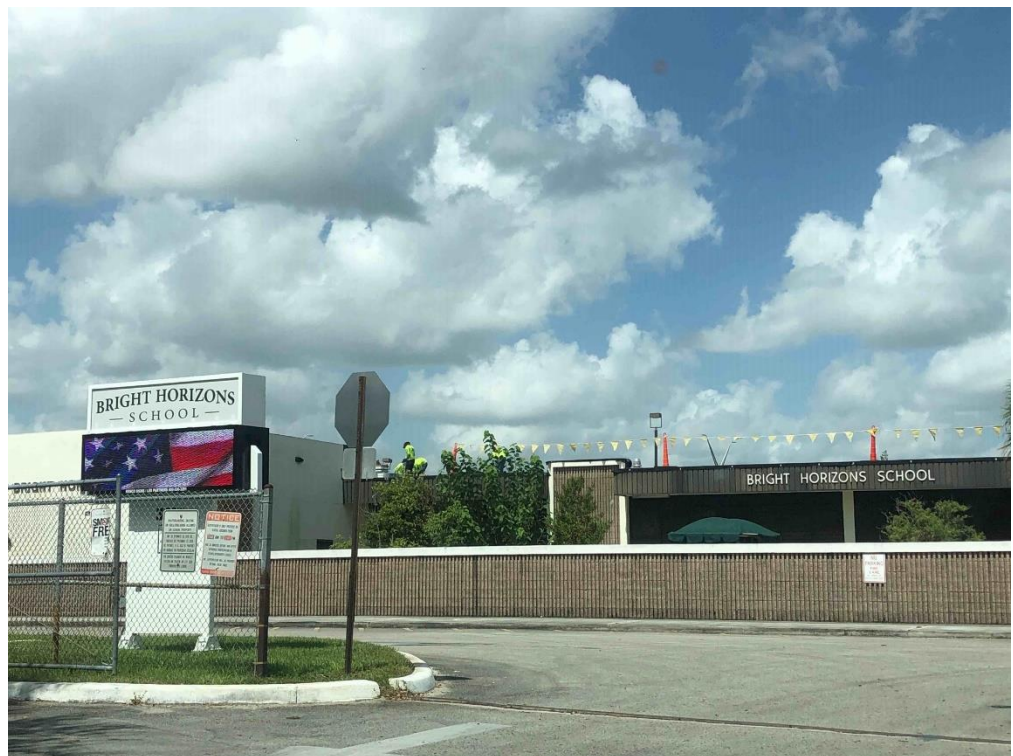


Photo No. 3	Date: 07/01/2020
-----------------------	----------------------------

Direction Photo Taken:

Southwest

DESCRIPTION:

**Broward County School
BD-Tedder E S (N6)**



Photo No. 4	Date: 06/07/2018
-----------------------	----------------------------

Direction Photo Taken:

North

Description:

**One Stop Dry Cleaning
and Shoe Repair (L1)**



Photo No.
5 **Date:**
06/07/2018

Direction Photo Taken:

South

Description:

Posh French Cleaners (L2)



Photo No.
6 **Date:**
06/07/2018

Direction Photo Taken:

West

DESCRIPTION:

7-Eleven Store No. 34801 (M1)



Photo No.
7

Date:
06/07/2018

Direction Photo Taken:

Northeast

Description:

**Deerfield Country Club
(M2)**



Photo No.
8

Date:
07/01/2020

Direction Photo Taken:

South

Description:

**BTV Guy Orlando LLC –
Tanker Spill (H1)**

