Contamination Screening Evaluation Report

Florida Department of Transportation
District 1

US 41 and Bonita Beach Road PD&E Study

Lee County, Florida

FPID No: 444321-1-22-01

ETDM No.: 6291

February 2024

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022, and executed by the Federal Highway Administration and FDOT.

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1.0 Executive Summary

This Level I Contamination Screening Evaluation Report was prepared to support the Project Development and Environment (PD&E) Study for the proposed improvements along US 41 and Bonita Beach Road. The contamination evaluation was performed for the study area in accordance with the Florida Department of Transportation's PD&E Manual (July 1, 2023). A contamination screening was performed for drainage sites and is presented under separate cover.

Based on the methodologies detailed herein, twenty contamination sites were identified and the following risk ratings were assigned:

Number of Mainline Sites per Risk Rating			
High	Medium	Low	No
1	4	15	0

Based on the conclusions of this study and the risk ratings noted above, the following recommendations are made:

- Additional information may become available or site-specific conditions may change from the time this report was prepared and should be considered prior to acquiring right-of-way (ROW) and/or proceeding with roadway construction. If the proposed improvements change, and/or new potential contamination sites have been constructed, this report should be revised and updated to reflect those changes.

- For the locations rated No or Low for contamination, no further action is required. These locations have been determined not to have any contamination risk to the study area at this time.

- Four Medium rated locations (Map ID 3, Map ID 5, Map ID 6, and Map ID 8), and one High rated location (Map ID 7) were identified in the study area. Level II testing will be considered for both Medium and High rated sites by the District Contamination Impact Coordinator. The Level II can include hazardous material surveys, soil borings, monitoring well installation, soil and groundwater sampling, and laboratory testing. Level II testing costs are estimated at $2,000 to $10,000 per site.

- Once final design plans are available, additional review is recommended in consideration of dewatering operations that may be necessary under the *National Pollutant Discharge Elimination System Generic Permit for Stormwater Discharges from Large and Small Construction Activities*. Verification testing may be warranted for contamination issues within 500 feet of the dewatering area.

2.0 Project Description

Initiated in November 2019, a PD&E Study was conducted to assess various intersection alternatives for US 41 at CR 865/Bonita Beach Road. The Preliminary Engineering Report (PER) documents the project's purpose and need, the alternatives developed, the process of selecting the preferred alternative, and presents the preliminary design analysis for the preferred alternative. CR 865 will be referred to as Bonita Beach Road throughout the remainder of this report.

2.1 Project Description

The US 41 at Bonita Beach Road PD&E Study evaluated capacity, safety, and multi-modal improvements at the US 41 and Bonita Beach Road intersection, in the City of Bonita Springs, Florida. The study area limits extend along US 41 from Foley Road to just south of the Imperial River bridge, a distance of approximately 0.9 miles. Additionally, the study area extends along Bonita Beach Road from Windsor Road to Spanish Wells Boulevard, a distance of approximately 0.8 miles.

US 41 is a north-south principal arterial roadway running parallel to Interstate 75 (I-75) and facilitates movement of regional and local traffic (including truck traffic) along Florida's west coast. Bonita Beach Road is an east-west minor arterial roadway providing a connection to I-75 and is one of two east-west connections between the Lee County mainland and coastal communities and barrier island tourist destinations and beaches to the west. US 41 is a state roadway maintained by the Florida Department of Transportation (FDOT) District 1, while Bonita Beach Road is maintained by the Lee County. Both US 41 and Bonita Beach Road are designated as emergency evacuation routes.

US 41 within the project limits is a six-lane divided roadway with 5' on-street bicycle lanes and 5' sidewalks on both sides of the roadway. Bonita Beach Road is a four-lane divided roadway with 5' sidewalks on both sides but no on-street bicycle facilities.

The US 41 at Bonita Beach Road intersection is currently a signalized intersection with two exclusive left turn lanes and an exclusive right turn lane in each approach. Aside from the main intersection, there is currently one other signalized intersection along US 41 at the Center of Bonita Springs (Tuffy Auto/Advanced Auto Parts). There are three additional signalized intersections along Bonita Beach Road at the Center of Bonita Springs, Arroyal Road, and Spanish Wells Boulevard.

The existing US 41 and Bonita Beach Road intersection has two high volume left turn movements, those being eastbound to northbound and southbound to eastbound. To partially address these heavy movements, the City of Bonita Springs conducted the "Network Enhancement Alignment Study – Quadrant Plan" in May 2017. From this, the City will be designing and building a two-lane quadrant roadway connecting Bonita Beach Road at Windsor Road to US 41 at the Center of

Bonita Springs. This Northwest Quadrant Roadway is currently in design by the City and anticipated to be built ahead of the US 41 and Bonita Beach Road intersection improvements.

The proposed improvements will modify the signalized configuration of the US 41 and Bonita Beach Road intersection to be a partial displaced left turn (PDLT), with the northbound and southbound left turn movements to crossover and be located outside of the opposing traffic flow. This configuration will allow the northbound and southbound left turning movements to operate in the same signal phase or simultaneously as the northbound and southbound through movements. To accommodate the partial displaced left turn configuration and facilitate the relocation of northbound and southbound turning vehicles, two new signalized "crossover" intersections will be added along US 41 approximately 675' south and 460' north of Bonita Beach Road. The southbound and eastbound left turn movements are proposed to have three lanes each, and the eastbound and westbound right turn movements are proposed to have two lanes each.

As noted above, a Northwest Quadrant Roadway is being constructed by the City of Bonita Springs. As part of the PD&E study's proposed improvements, the US 41 and the Center of Bonita Springs intersection is proposed to be changed from a standard signalized intersection to a "thru-cut" intersection. A thru-cut intersection restricts through movements from the minor street typically due to operational and/or geometric conditions. In this case, the west leg is being widened from two lanes to five lanes (four eastbound approach lanes and one westbound receiving lane) and the east leg is being widened from two lanes to four lanes (two westbound approach lanes and two eastbound receiving lanes). This creates skew issues for any east/west through movements and creates operational constraints that are alleviated by the thru-cut intersection configuration. Tying into the new east leg is a Northeast Quadrant Roadway proposed between US 41 and Arroyal Road, northeast of the US 41 and Bonita Beach Road intersection. This will be a new three-lane roadway with two lanes eastbound and one lane westbound. The Quadrant Roadway System is discussed in more detail in Section 2.4.2.3.

Along US 41 in the northbound direction, a 6' sidewalk is proposed from Foley Road to Springs Plaza (Sta. 232+50) and a 12' shared-use path is proposed from Springs Plaza to just north of the Imperial River Boat Ramp (Sta. 271+00). In the southbound direction, a 12' shared-use path is proposed from just north of the Imperial River Boat Ramp (Sta. 271+00) to Bonita Funeral Home (Sta. 231+00) and a 6' sidewalk is proposed from Bonita Funeral Home to Foley Road. Along both sides of Bonita Beach Road, the sidewalks will be widened to 12' shared-use paths from the Center of Bonita Springs to Arroyal Road. Signalized marked crosswalks will be maintained on every leg of the PDLT, including the channelized right turn lanes. Signalized marked crosswalks will also be provided on every leg of each signalized intersection along US 41 and Bonita Beach Road within the study area.

The project location is shown in **Figure 1** and the study area is shown in **Figure 2**.

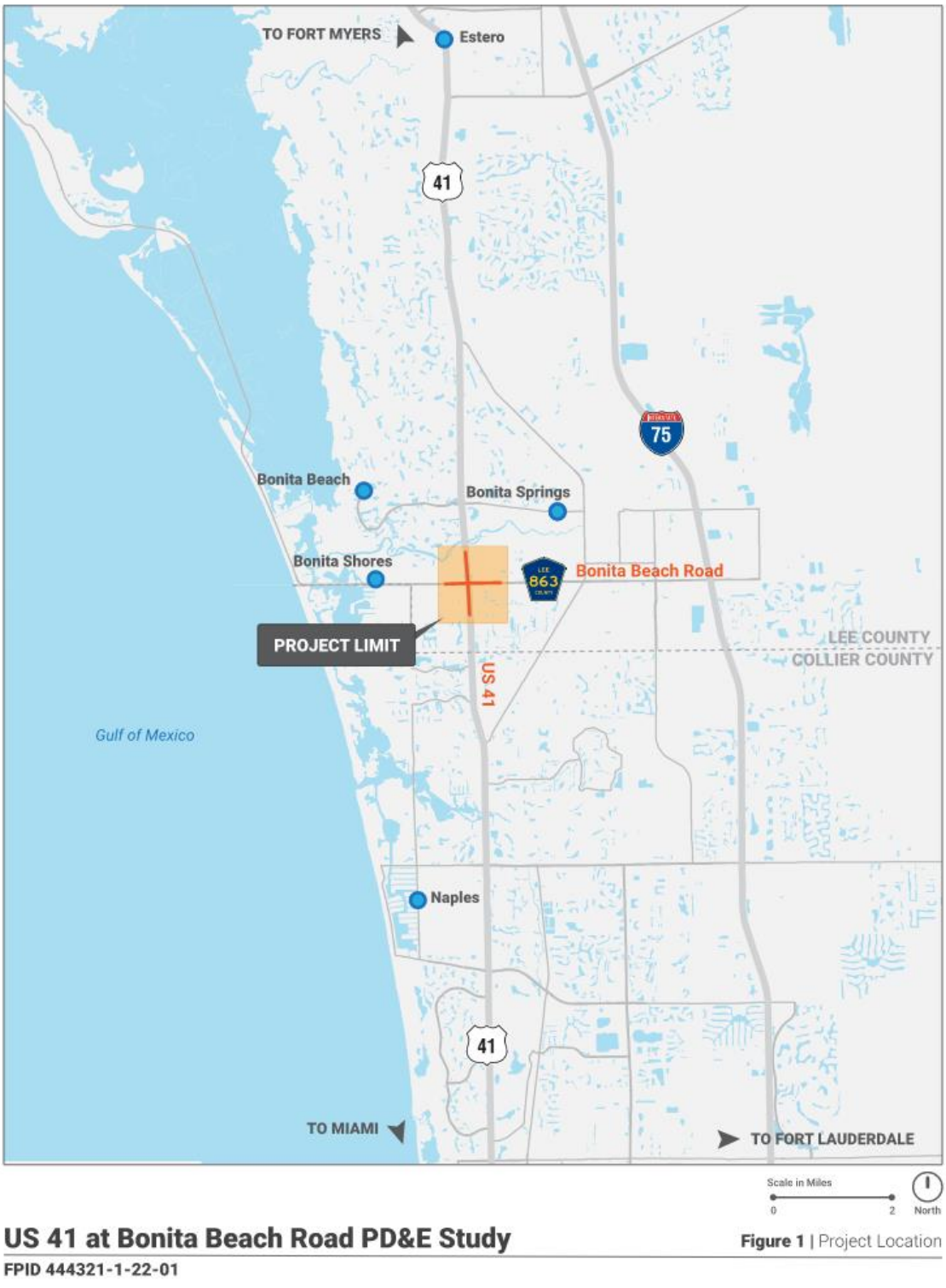


FIGURE 1: PROJECT LOCATION

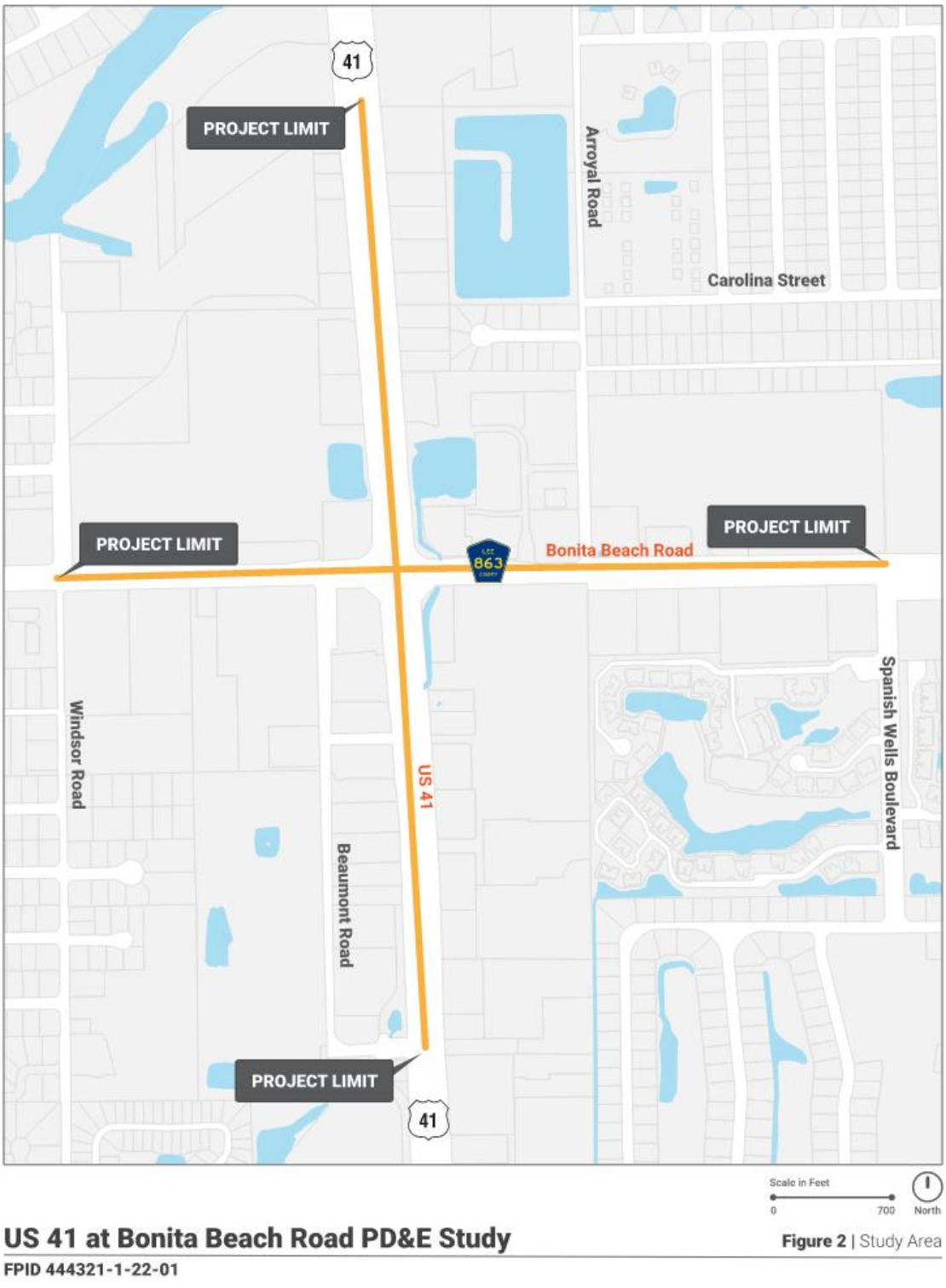


FIGURE 2: STUDY AREA

2.2 Purpose & Need

The purpose of this project is to address the deficient operational capacity of the US 41 and Bonita Beach Road intersection to relieve existing congestion and accommodate projected future traffic demand. The project's secondary goals are to 1) Enhance regional and local mobility; 2) Enhance safety conditions; and 3) Improve multi-modal access. The need for these improvements is described in this section.

2.2.1 Transportation Demand/Capacity

The US 41 at Bonita Beach Road intersection experiences chronic congestion. As population and employment growth are expected to continue within this area of Lee County, the intersection's congestion is anticipated to increase. Based on 2019 traffic counts taken, the existing Annual Average Daily Traffic (AADT) ranges from 39,000 to 53,000 along US 41 and was 30,000 along Bonita Beach Road. Based on future growth projections to a 2050 design year, the AADTs are forecast to range from 60,000 to 78,000 along US 41. The future 2050 AADT forecast along Bonita Beach Road is 39,000.

The existing (2019) mid-day traffic analysis for the US 41 at Bonita Beach Road intersection shows that six of the 12 movements operate at Level of Service (LOS) of F, with one of those being overcapacity (volume-to-capacity >1.0). The existing (2019) PM traffic analysis for the intersection shows that seven of the 12 movements operate at Level of Service (LOS) of F, with two of those being overcapacity. In the future 2050 condition, the no-build intersection operates at LOS F with an overall average vehicle delay between 85 and 92 seconds. While there are a similar number of LOS F movements between the existing and future no-build, latent demand is expected to increase by nearly 30 percent. The future no-build intersection is serving approximately the same amount of traffic volume as the existing condition but with the increased volumes, there are more vehicles in the overall network not being served.

2.2.2 Safety

Crash records were obtained for both US 41 and Bonita Beach Road within the study area, as described below:

- US 41 from Foley Road (MP 0.540) to the Imperial River bridge (MP 1.482); and
- Bonita Beach Road from 400' west of Windsor Road to 450' east of Spanish Wells Boulevard.

Crash data was obtained for the most recent five-year period on record (2018 through 2022). The crash data was obtained from the University of Florida's Signal Four (S4) Analytics crash database for US 41 and Bonita Beach Road. The safety analysis was performed for the most recent five years of crash data (January 1, 2018 – December 31, 2022). Supplemental crash data from previous years (2014 to 2017) and January 1, 2023 to June 30, 2023 were also analyzed to verify crash trends and patterns.

Figure 3 displays a summary of crash frequency by year along with the respective severities from 2014 to 2022. There was an increase in crashes between 2014 and 2017, but there has been a decrease in crashes between 2017 and 2019 before an approximate 30 percent drop in crashes due to the COVID-19 pandemic in 2020. The number of crashes have stayed relatively constant in 2021 and 2022. There were 163 crashes per year on average between 2014 to 2017. However, there were 146 crashes per year on average in the study area between 2018 to 2022, not including 2020 (a 10 percent decrease). The fatal crash in 2019 involved a vehicle striking a pedestrian on US 41 just south of Bonita Beach Road, and the fatal crash in 2021 involved an angle crash at the intersection of US 41 at Foley Road/Shanna Lane.

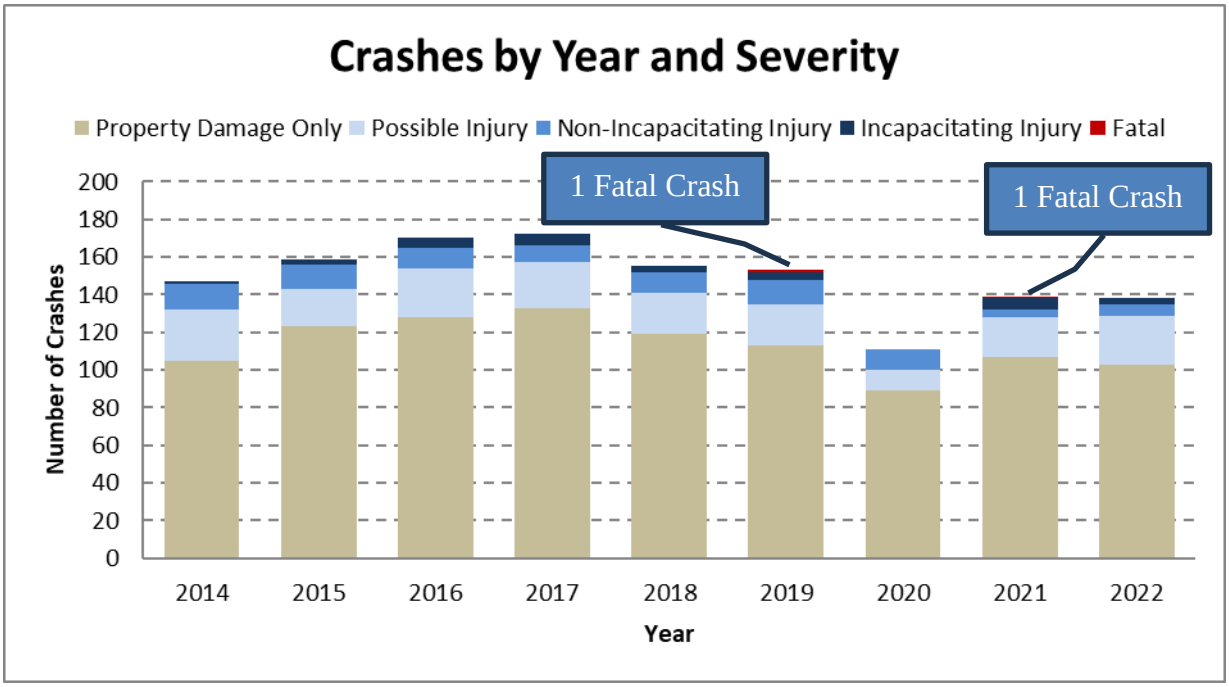


FIGURE 3: CRASHES PER YEAR (ENTIRE STUDY AREA)

Forty three percent of the total study area crashes were located within the intersection influence area of US 41 and Bonita Beach Road. **Figure 4** displays a summary of crash frequency by year along with the respective severities from 2018 to 2022. There was a total of 298 reported crashes during this period, 65 injury crashes (22 percent), and one fatal crash (in 2019). As displayed in **Figure 4**, there were an average of 60 crashes per year at the intersection.

Figure 5 displays the crashes at the intersection by type and severity for the five-year study period. The highest crash type observed was rear end, comprising 59 percent of the total crashes. Sideswipe crashes (13 percent) and left turn (8 percent) were the second and third highest crash types. These trends are consistent with the overall study area. The fatal crash in 2019 occurred when a vehicle struck a pedestrian crossing US 41.

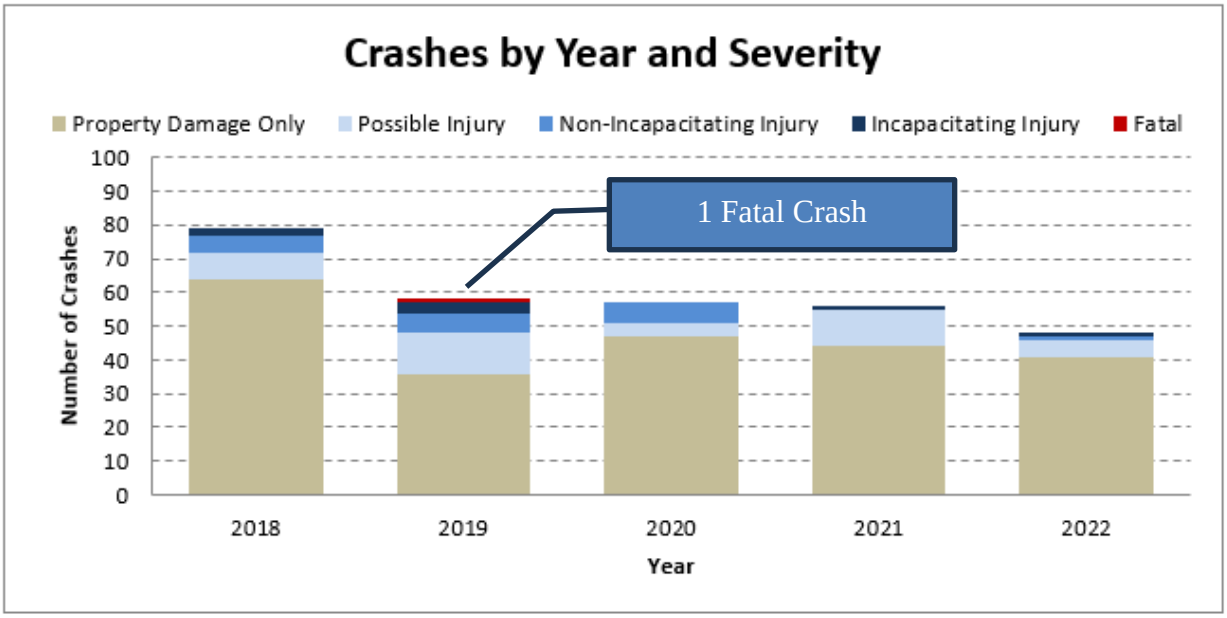


FIGURE 4: CRASHES PER YEAR (US 41 AND BONITA BEACH ROAD INTERSECTION)

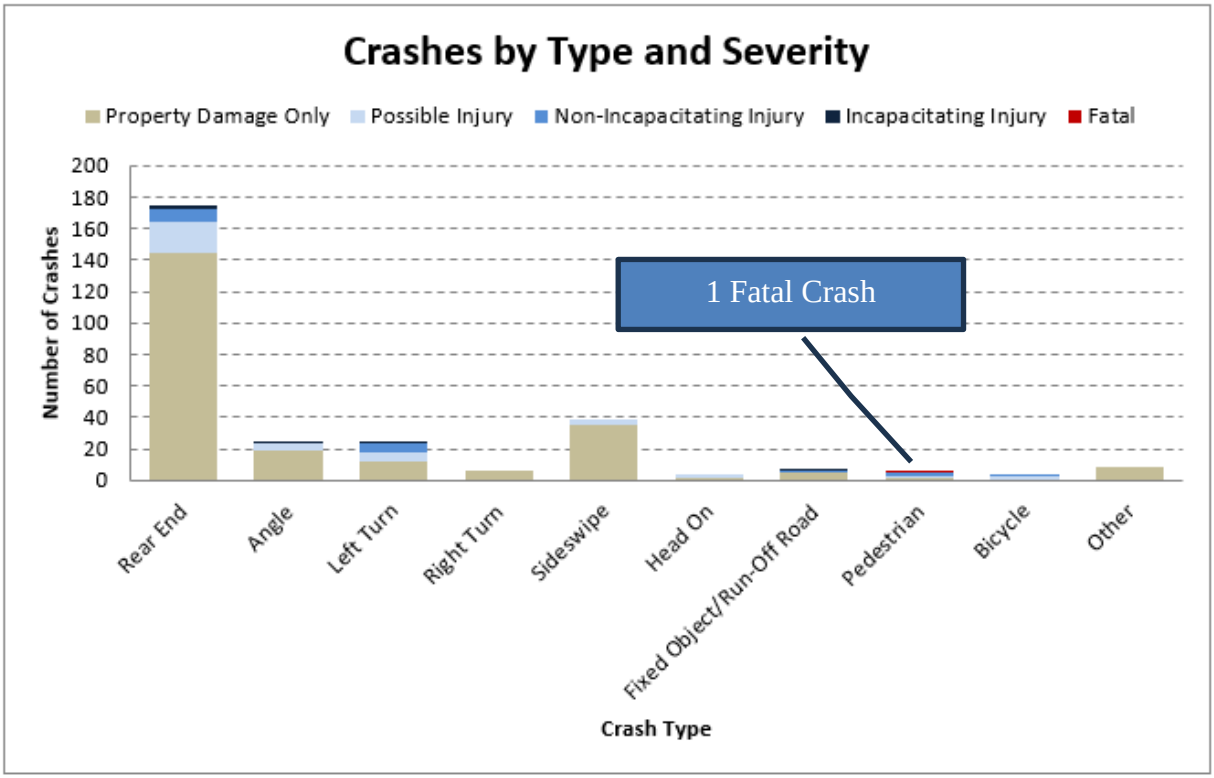


FIGURE 5: CRASHES BY TYPE AND SEVERITY (US 41 AND BONITA BEACH ROAD INTERSECTION: 2018 TO 2022)

A crash rate analysis was performed for the US 41 at Bonita Beach Road intersection. Note that as 2020-2022 average crash rates are not yet available, crash rate analyses were limited to 2018

and 2019 data. Based on the analysis, the study intersection experienced higher than average crash rates in both 2018 and 2019 when compared to both Statewide and Districtwide average crash rates.

US 41 and Bonita Beach Road are designated emergency evacuation routes for both the Florida Division of Emergency Management and Lee County. Providing parallel service to I-75, US 41 plays an important role in facilitating north-south traffic during incidences and emergency evacuation periods (particularly within southwest Florida). Bonita Beach Road also serves a critical role during emergency evacuation periods as it connects US 41 and I-75 (facilities of the state evacuation route network) and provides one of two connections for residents and tourists between the barrier islands/tourist destinations to the west and mainland of Lee County.

2.2.3 Modal Interrelationships

While sidewalks are present on both sides of US 41 and Bonita Beach Road, the only bicycle facilities present in the study area are 5' marked bicycle lanes along both sides of US 41. Two LeeTran bus routes (Routes 150 and 600) operate along US 41 and Bonita Beach Road. In addition to the two bus routes, LeeTran has partnered with Uber to provide ULTRA On-Demand Transit service in the Bonita Springs area. With LeeTran's ULTRA On-Demand Transit service is a deluxe mini-bus available seven days a week from 7:00 AM to 6:00 PM. ULTRA On-Demand Transit allows riders to request a ride as needed, with curb to curb service.

Due to the presence of these facilities/services and the surrounding urban environment, heavy pedestrian and bicycle traffic exists in the area (as observed during field reviews conducted for the project).

The Office of Greenways and Trails (OGT) and the Lee County Metropolitan Planning Organization (MPO) have identified trail opportunities in the vicinity of the US 41 and Bonita Beach Road study intersection. The Coastal Loop Trail is a spur loop from the Southwest Coastal Regional Trail, which is part of the larger FDOT Shared-Use Nonmotorized (SUN) Trail Program. This is a planned loop trail that begins at the Southwest Coastal Regional Trail in Bonita Springs, travels along Bonita Beach Road to the barrier islands, then travels through Fort Myers Beach and southern Fort Myers before connecting back to the Southwest Coastal Regional Trail east of US 41 in Fort Myers. Through discussions with Lee County MPO, no future funding has been dedicated for Coastal Loop Trail improvements in the vicinity of the US 41 and Bonita Beach Road intersection as per the date of this report.

2.2.4 System Linkage

US 41 serves as a critical arterial in facilitating the north-south movement of regional and local traffic (including truck traffic) as it runs parallel to I-75 along Florida's west coast. Similarly, Bonita Beach Road serves as a major east-west local roadway within Lee County, linking US 41 and I-75 and providing access (as one of two connections) between the mainland of Lee County and coastal communities/tourist destinations to the west (i.e., barrier islands and beaches).

The City of Bonita Springs performed the Network Enhancement Alignment Study, also known as the "Quadrant Plan", in May 2017. The purpose of the Quadrant Plan is to develop an expanded roadway network between Bonita Beach Road with US 41 that improves the area's mobility, maintains a high-quality environment for the community, and minimizes impacts to the natural environment. The City is moving forward with design and construction for a northwest quadrant roadway.

2.3 Alternatives Analysis Summary

2.3.1 Prior Grade Separated Alternative

During the preliminary alternatives analysis efforts in 2020, a single point diamond interchange (SPDI) was one of two alternatives being considered (along with the PDLT). The SPDI alternative assumes the northbound and southbound through lanes on US 41 are elevated over Bonita Beach Road. Turning movements for US 41 and Bonita Beach Road occur at a single intersection underneath the US 41 overpass. To allow access to local businesses through movements on the US 41 ramps were allowed. The US 41 overpass begins between the two access points for Springs Plaza on the south side of Bonita Beach Road and ends north of the Crown Lake Boulevard intersection to the north. Access to any minor streets along the US 41 ramps are maintained as intersections with the US 41 ramps only.

The SPDI alternative was reviewed as part of the Stage 1 Intersection Control Evaluation. During this evaluation, a new development was approved with their primary access to US 41 occurring at the Center of Bonita Springs signalized intersection via the northwest quadrant roadway. The overpass' ramps would tie-in to US 41 north of this location and convert the Center of Bonita Springs intersection into a right-in/right-out configuration. With this new development needing full access to US 41 at the Center of Bonita Springs, the SPDI alternative was removed from consideration and an enhanced at-grade traffic signal was reviewed (as discussed in the next section).

2.3.2 Intersection Alternatives

Two intersection alternatives were developed to support the US 41 at Bonita Beach Road purpose and need:

- Alternative A – Enhanced Traffic Signal (**Figure 6**)
    - Widens US 41 to eight lanes from Foley Road to the southern end of the Imperial River bridge.
    - Provides additional turn lane improvements to the existing signalized intersection.
- Alternative B – Partial Displaced Left Turn (**Figure 7**)
    - Northbound and southbound left turn movements are relocated to the outside of the opposing flow of traffic, allowing the northbound and southbound left turning

movements to operate in the same signal phase as the northbound and southbound through movements.

- Two new signalized "crossover" intersections are proposed along US 41 approximately 675' south and 460' north of Bonita Beach Road to allow left turning vehicles to cross to the other side of the opposing flow.
- The southbound and eastbound left turn movements are proposed to have three lanes each.
- The eastbound and westbound right turn movements are proposed to have two lanes each.

The intersection alternatives were developed using design provisions from the FDOT Design Manual (FDM). Each of the proposed intersection alternatives were applied along US 41 from Sta. 221+19 to Sta. 271+81 and along Bonita Beach Road from Sta. 254+57 to Sta. 300+33.

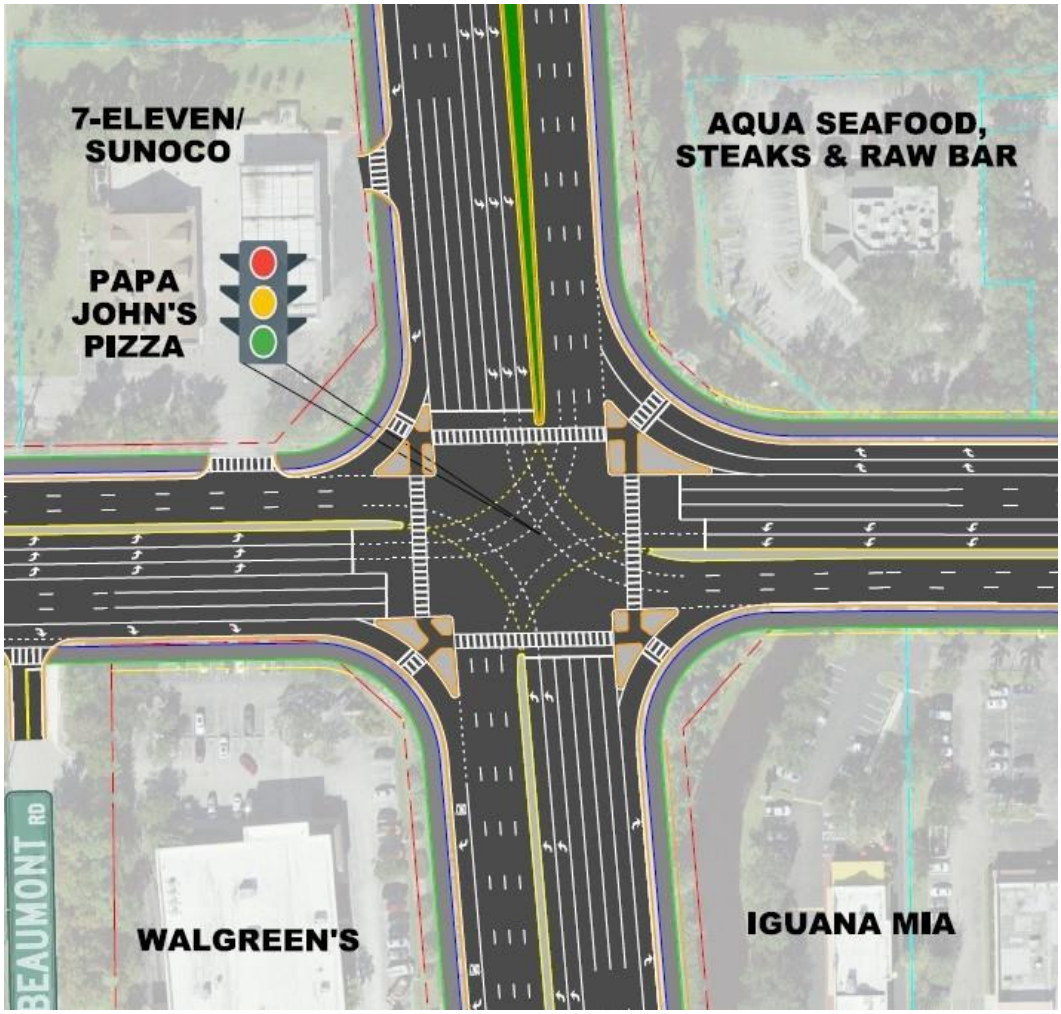


FIGURE 6: ALTERNATIVE A – ENHANCED TRAFFIC SIGNAL

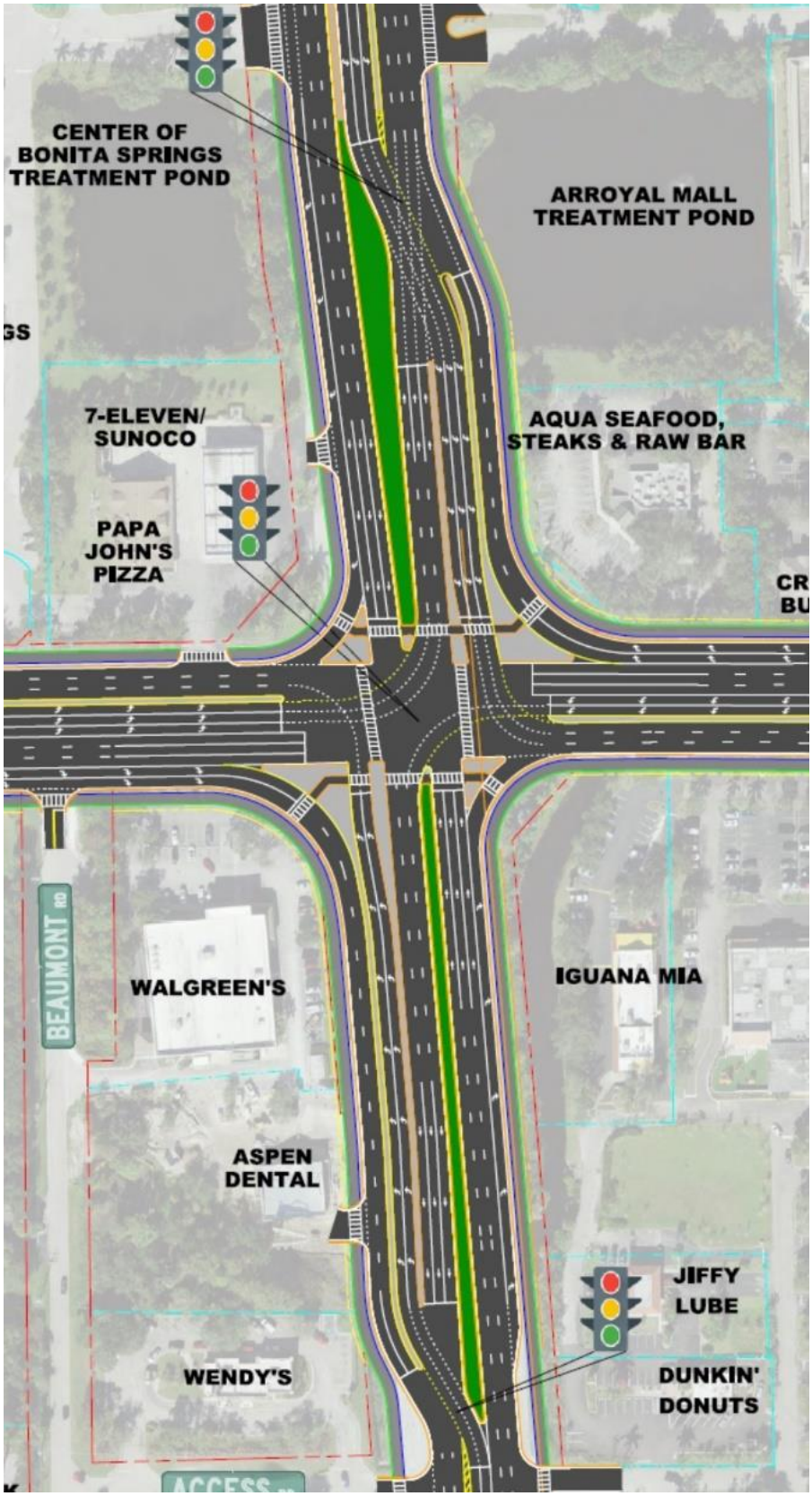


FIGURE 7: ALTERNATIVE B – PARTIAL DISPLACED LEFT TURN

2.3.3 Other US 41 Improvements (Outside of Main Intersection)

2.3.3.1 Alternative A – Enhanced Traffic Signal

For Alternative A, US 41 is proposed to be modified based on the following:

- Adding a fourth travel lane in each direction and reducing the lane widths to 11':
    - Additional northbound travel lane will start just north of Foley Road (Sta. 223+50) and end at the driveway for the Imperial River Boat Ramp (Sta. 270+00).
    - The additional southbound travel lane will start at Sta. 265+00 (halfway between the Imperial River Boat Ramp driveway (Sta. 270+00) and the US 41/Center of Bonita Springs intersection (Sta. 260+00)) and end at the Foley Road intersection (Sta. 222+75).
- A 12' shared-use path is proposed on both sides of US 41 in lieu of the on-street bicycle facilities:
    - In the northbound direction from Springs Plaza (Sta. 232+50) to just north of the Imperial River Boat Ramp (Sta. 271+00).
    - In the southbound direction from just north of the Imperial River Boat Ramp (Sta. 271+00) to Bonita Funeral Home (Sta. 231+00).
- A 7' on-street buffered bicycle lane is proposed on the south end of the corridor:
    - In the northbound direction from Foley Road (Sta. 222+75) to just north of Springs Plaza (Sta. 234+50).
    - In the southbound direction from Bonita Funeral Home (Sta. 231+00) to Foley Road (Sta. 222+75).
- A 6' sidewalk is proposed on the south end of the corridor:
    - In the northbound direction from Foley Road (Sta. 222+75) to Springs Plaza (Sta. 232+50).
    - In the southbound direction from Bonita Funeral Home (Sta. 231+00) to Foley Road (Sta. 222+75).

A graphic depiction of the roadway features for Alternative A is shown in **Figure 8** below.

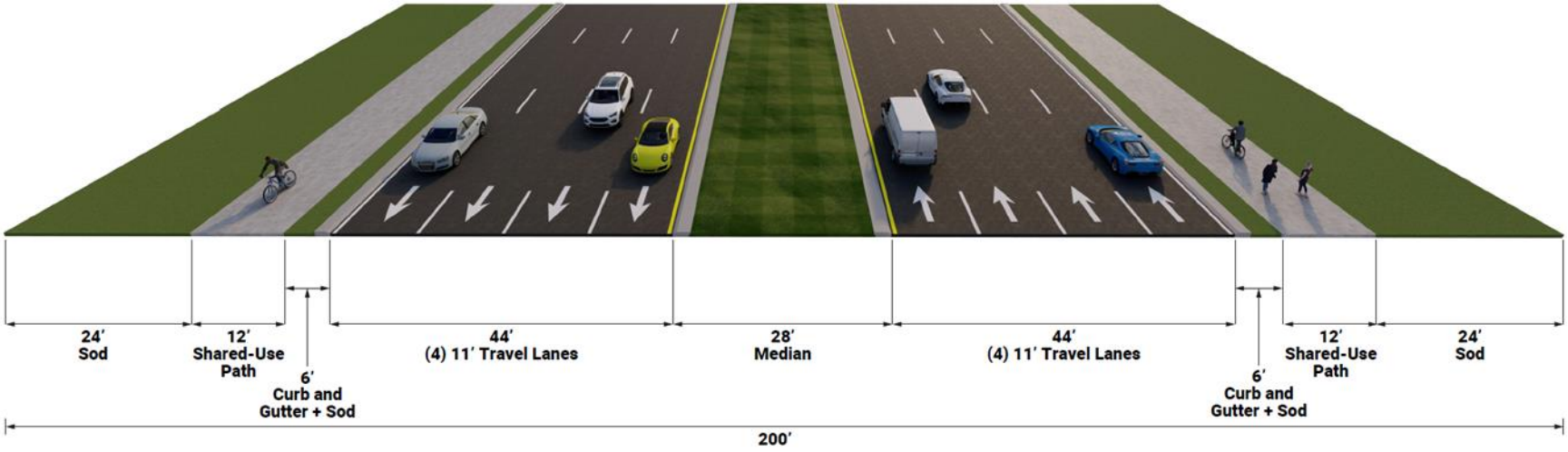


FIGURE 8: ALTERNATIVE A US 41 ROADWAY FEATURES

2.3.3.2 Alternative B – Partial Displaced Left Turn

For Alternative B, the northbound and southbound left turn movements will be relocated outside of the opposing flow of traffic. This configuration will allow the northbound and southbound left turning movements to operate in the same signal phase as the northbound and southbound through movements. To accommodate the Alternative B configuration and facilitate the relocation of northbound and southbound turning vehicles, two new signalized "crossover" intersections will be added along US 41 approximately 675' south and 460' north of Bonita Beach Road (as shown in **Figure 7**). The following features detail the improvements proposed as part of the new "crossover" intersections:

- Between Foley Road (Sta. 222+75) and southern "crossover" intersection (Sta. 239+00):
    - Three 11' northbound and southbound through lanes.
- Between southern "crossover" intersection (Sta. 239+00) and US 41 and Bonita Beach Road intersection (Sta. 246+00) (described from right side to left side across US 41 and shown in **Figure 9**):
    - Exclusive 11' northbound right turn lane.
    - Three 11' northbound and southbound through lanes.
    - Dual 11' northbound exclusive left turn lanes positioned outside of the southbound through lanes.
    - Dual 11' eastbound to southbound exclusive right turn lanes positioned outside of the northbound left turn lanes.
- Between US 41/Bonita Beach Road intersection (Sta. 246+00) and northern "crossover" intersection (Sta. 251+00) and (described from right side to left side across US 41):
    - Dual 11' westbound to northbound exclusive right turn lanes positioned outside of the southbound left turn lanes.
    - Triple 11' southbound exclusive left turn lanes positioned outside of the northbound through lanes.
    - Three 11' northbound and southbound through lanes.
    - Exclusive 11' southbound right turn lane.
- Between northern "crossover" intersection (Sta. 251+00) and US 41/Center of Bonita Springs intersection (Sta. 260+00):
    - Four 11' northbound through lanes.
    - Three 11' southbound through lanes.
- Between US 41 and Center of Bonita Springs intersection (Sta. 260+00) and the Imperial River Boat Ramp (Sta. 266+50):

    - Four 11’ northbound through lanes (outside lane drops at the Imperial River Boat Ramp).
    - Three 11’ southbound through lanes (a fourth “auxiliary” lane begins at Sta. 265+00 that drops into the triple southbound left turn lanes).
- A 12’ shared-use path is proposed on both sides of US 41 in lieu of the on-street bicycle facilities:
    - In the northbound direction from Springs Plaza (Sta. 232+50) to just north of the Imperial River Boat Ramp (Sta. 271+00).
    - In the southbound direction from just north of the Imperial River Boat Ramp (Sta. 271+00) to just south of Access Road (Sta. 237+00).
- A 7’ on-street buffered bicycle lane is proposed on the south end of the corridor:
    - In the northbound direction from Foley Road (Sta. 222+75) to just north of Springs Plaza (Sta. 234+50).
    - In the southbound direction from just south of Access Road (Sta. 237+00) to Foley Road (Sta. 222+75).
- A 6’ sidewalk is proposed on the south end of the corridor:
    - In the northbound direction from Foley Road (Sta. 222+75) to Springs Plaza (Sta. 232+50).
    - In the southbound direction from just south of Access Road (Sta. 237+00) to Foley Road (Sta. 222+75).

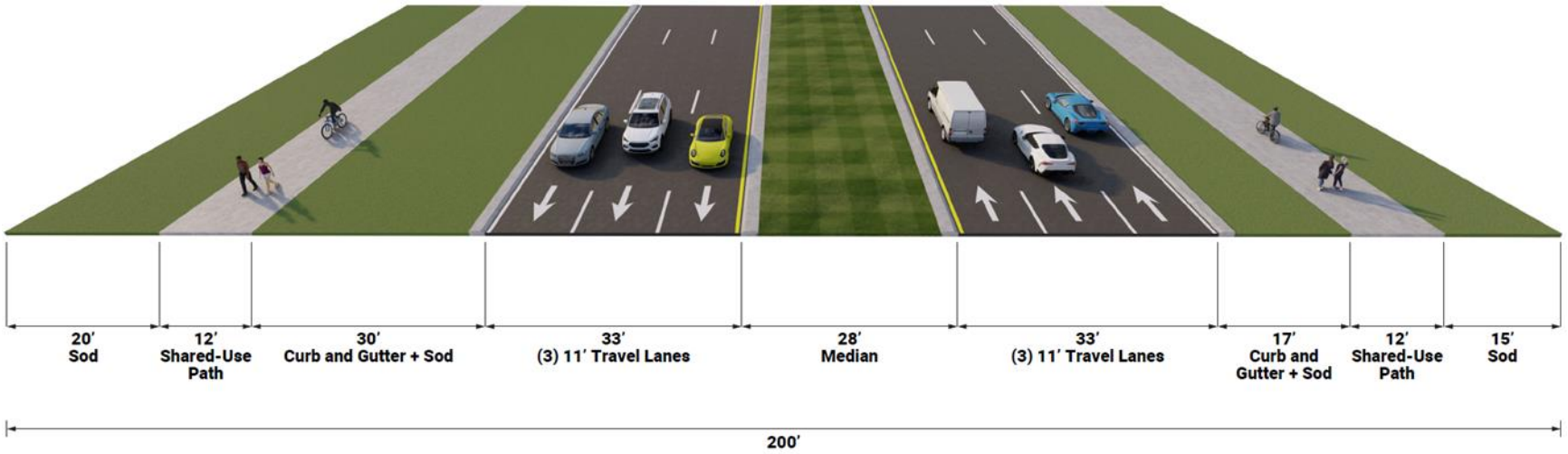


FIGURE 9: ALTERNATIVE B US 41 ROADWAY FEATURES

2.4 Description of Preferred Alternative

2.4.1 Preferred Intersection Control Alternative

The purpose of this project is to address the deficient operational capacity of the US 41 and Bonita Beach Road intersection to relieve existing congestion and accommodate projected future traffic demand. The project's secondary goals are to 1) Enhance regional and local mobility; 2) Enhance safety conditions; and 3) Improve multi-modal access.

Alternatives A (Enhanced Traffic Signal) and B (PDLT) were presented at the Alternatives Public Workshop conducted virtually on Monday April 3 and in-person on Tuesday April 4, 2023. Following the workshop, feedback was gathered from members of the public for both alternatives. The majority of public comments received expressing support for Alternative B, PDLT. Alternative B was favored as it does not add through lanes along US 41, was viewed as being more operationally efficient, and provided better pedestrian and bicyclist safety. These alternatives were also presented to the Lee County MPO on June 16, 2023 and the public support for the PDLT alternative was documented with the MPO Board.

Discussions were held with FDOT District 1 after the Alternatives Public Workshop and it was determined Alternative B – PDLT best aligns with the purpose and need of the project and was selected as the preferred alternative. The following bullets summarize how the PDLT recommendation meets the primary and secondary purpose and need goals noted above:

- Transportation Demand/Capacity
    - In the 2050 future build condition, the average network delay for vehicles traveling through the PDLT is approximately 50 percent less than the No-Build Alternative.
    - The number of vehicles served by the PDLT in 2050 is approximately 20 percent higher than the No-Build Alternative.
    - The PDLT is anticipated to improve average vehicle delay by over 45 seconds in both the 2050 mid-day and PM peak hours when compared to the No-Build Alternative.
- Safety
    - Using the predictive safety analysis methods provided in the FDOT Safety Performance for Intersection Control Evaluation (SPICE) Tool, the PDLT intersection is predicted to decrease total and fatal/injury crashes by over 10 percent vs the No-Build Alternative over the 20 year life cycle from 2030 to 2050.
    - Increase the volume of residents and tourists from coastal communities that can be evacuated during an emergency event by improving intersection operations of two major evacuation routes.
    - Enhance access to facilities of the state evacuation route network.

- Improve response times (due to enhanced access) to emergency events and incidences.

- Modal Interrelationships
  - Sidewalks in the study area are proposed to be widened to 12' shared-use paths along both sides of US 41 and Bonita Beach Road.
  - These shared-use paths will improve pedestrian/bicycle access and circulation by modifying/limiting opportunities for conflicts between automobiles and pedestrians/bicyclists.
  - The 12' shared-use path improvements proposed as part of the PDLT would help further enhance the future vision of the Coastal Loop Trail in the study area.
  - Additional median and concrete traffic separators are included in the PDLT concept to provide pedestrian refuge areas and better facilitate non-motorist crossings.
  - The PDLT will also enhance the performance and reliability of transit service operating along US 41 and Bonita Beach Road by reducing delays at the intersection.

- System Linkage
  - Improve the viability of US 41 as a regional alternative facility to I-75 by reducing travel delay.
  - Enhance east-west access between two primary north-south transportation corridors (US 41 and I-75) as well as between the mainland of Lee County and coastal communities/tourist destinations to the west.
  - Enhance freight mobility and access within the area as US 41 is designated as regional freight mobility corridor (Tier 1 Regional Freight Corridor) in the Lee County 2045 Long Range Transportation Plan.
  - The proposed PDLT improvements will support local system linkage planning efforts by providing a Northeast Quadrant Roadway connecting US 41 to Arroyal Road.

The preferred alternative concept plans can be found in **Appendix I** of the *US 41 at Bonita Beach Road PD&E Preliminary Engineering Report*.

2.4.2 Preferred Alternative Features

The following highlights the key improvement elements within the US 41 at Bonita Beach Road intersection area for Alternative B:

2.4.2.1 US 41

The proposed roadway/intersection improvements discussed in **Section 2.3.1** and **2.3.3.2** were brought forward as part of the preferred alternative design. Outside of the main US 41 and Bonita

Beach Road intersection and "crossover" locations, additional intersection improvements are included as part of the preferred alternative:

- Signalization and turn lane improvements at the intersection of US 41 and Foley Road (Sta. 222+75).
- Modified "thru-cut" signalized intersection at US 41 and Center of Bonita Springs (Sta. 260+00) as shown in **Figure 10**:
    - A thru-cut intersection restricts through movements from the minor street typically due to operational and/or geometric conditions. In this case, the west leg is being widened from two lanes to five lanes (four eastbound approach lanes and one westbound receiving lane) and the east leg is being widened from two lanes to four lanes (two westbound approach lanes and two eastbound receiving lanes).
    - Dual southbound left turn lanes are also proposed in the new thru-cut configuration.

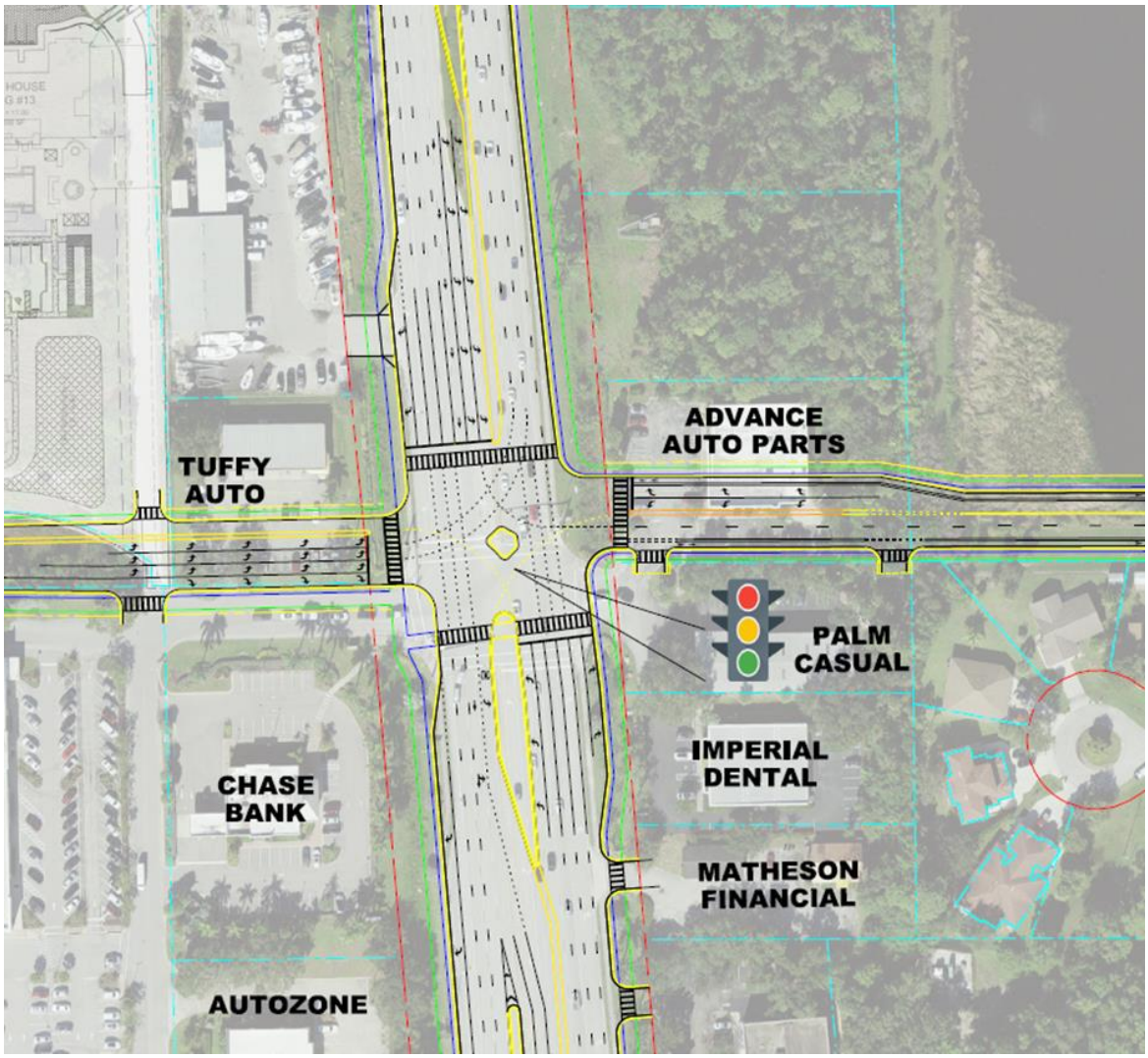


FIGURE 10: US 41/CENTER OF BONITA SPRINGS "THRU-CUT" INTERSECTION

2.4.2.2 Bonita Beach Road

The following roadway improvements are proposed along Bonita Beach Road as part of the preferred alternative:

- Three 11' travel lanes in each direction from the Center of Bonita Springs (Sta. 266+50) to Arroyal Road (Sta. 286+25). The third eastbound through lane drops at the Spanish Wells Boulevard signal.
- Widening the sidewalk to be a 12' shared-use path on both sides from the Center of Bonita Springs (Sta. 266+50) to Arroyal Road (Sta. 286+25).

At intersections along Bonita Beach Road, the following features are included are part of the preferred alternative:

- Bonita Beach Road at Center of Bonita Springs (Sta. 266+50):
    - Develop a third 11' eastbound travel lane departing intersection.
- Bonita Beach Road at Arroyal Road (Sta. 286+25):
    - One additional 11' eastbound through lane (will be a shared through/right configuration).
    - Develop a third 11' westbound travel lane departing intersection.
    - The southbound approach will be modified to include two southbound left turn lanes and one southbound shared through/right turn lane.

2.4.2.3 Quadrant Roadway System

A new Northwest Quadrant Roadway from Bonita Beach Road at Windsor Road (Bonita Beach Road Sta. 260+00) to US 41 at the Center of Bonita Springs (US 41 Sta. 260+00) will be constructed by the City of Bonita Springs before the preferred alternative is planned to be constructed at the US 41 and Bonita Beach Road intersection. The following features describe the Northwest Quadrant Roadway improvements as shown in **Figure 11**:

- Intersection of Bonita Beach Road and Windsor Road (Bonita Beach Road Sta. 260+00):
    - An eastbound displaced left turn to the Northwest Quadrant Roadway with a new crossover intersection just west of Windsor Road.
    - The southbound approach from Windsor Road will be widened to two lanes.
    - An exclusive westbound right turn lane will be added.
- Along Windsor Road:
    - Two southbound lanes and one northbound lane.
    - 6' sidewalk on the west side and 12' shared-use path on the east side of the roadway.

- Along New Roadway between Windsor Road and the Northwest Corner of the Center of Bonita Springs Shopping Plaza:
    - One 11’ travel lane in each direction.
    - 4’ paved shoulders in each direction.
    - 6’ sidewalk on the west side and 12’ shared-use path on the east side of the roadway.

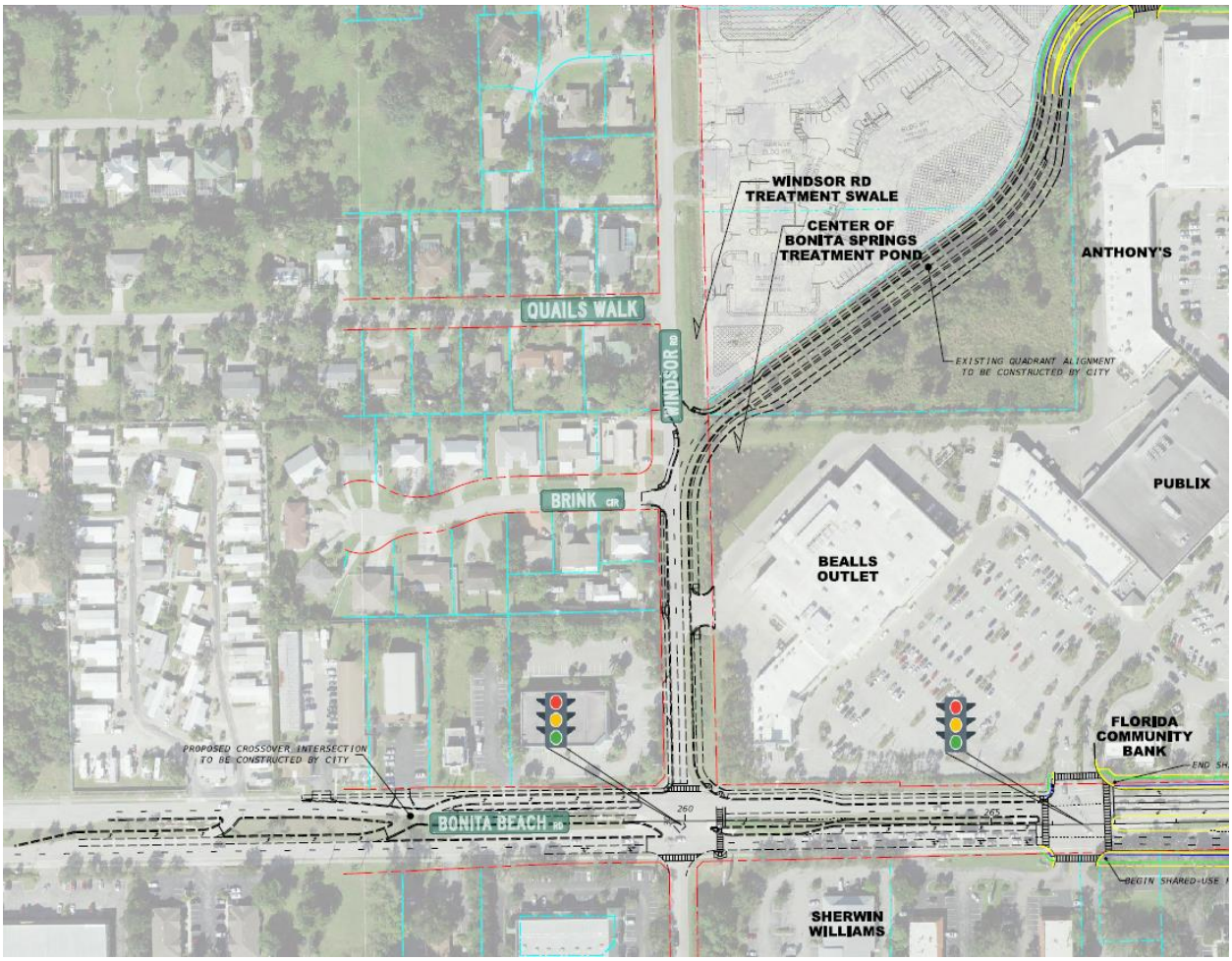


FIGURE 11: NORTHWEST QUADRANT ROADWAY – PROPOSED CITY ALIGNMENTS

The design concept for the City’s Northwest Quadrant Roadway ties in at the existing US 41/Center of Bonita Springs intersection and is not making any improvements to this intersection. In the future condition, this intersection will not have enough capacity to accommodate the forecasted traffic demand, necessitating additional turn lane improvements on the intersection’s west leg. As part of the preferred alternative, the Northwest Quadrant Roadway is being modified from the northwest corner of the Center of Bonita Springs Shopping Plaza to US 41. These changes are described below and shown in **Figure 12**:

- Northwest Corner of the Center of Bonita Springs Shopping Plaza to US 41:

- Roadway is widened to develop a center median with varying width.
- One 11’ travel lane in each direction.
- 6’ sidewalk on the north side of the roadway.
- 12’ shared-use path on the south side of the roadway.
- New 11’ westbound left turn lane into Center of Bonita Springs behind the Old Time Pottery building.

- West Leg at US 41 Intersection:
  - One 11’ eastbound right turn lane.
  - Three 11’ eastbound left turn lanes.
  - One 11’ westbound receiving lane.

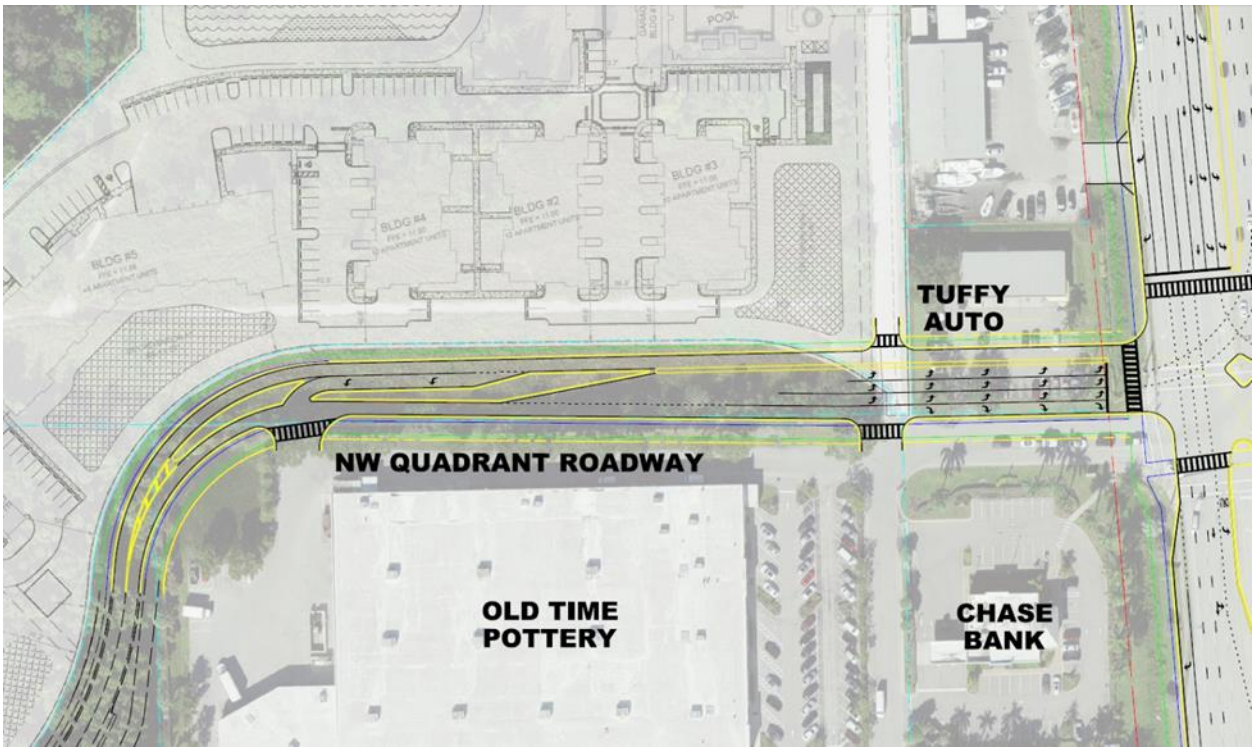


FIGURE 12: NORTHWEST QUADRANT ROADWAY – WEST LEG AT US 41

Tying into the east leg of this intersection is a Northeast Quadrant Roadway proposed between US 41 and Arroyal Road, intersecting at Arroyal Road and Carolina Street. This will be a new three-lane roadway with two lanes eastbound and one lane westbound, as shown in **Figure 13**. The lane configuration at the US 41 intersection is discussed below:

- One 11’ westbound left turn lane.
- One 11’ westbound right turn lane.

- Two 11’ eastbound receiving lanes.

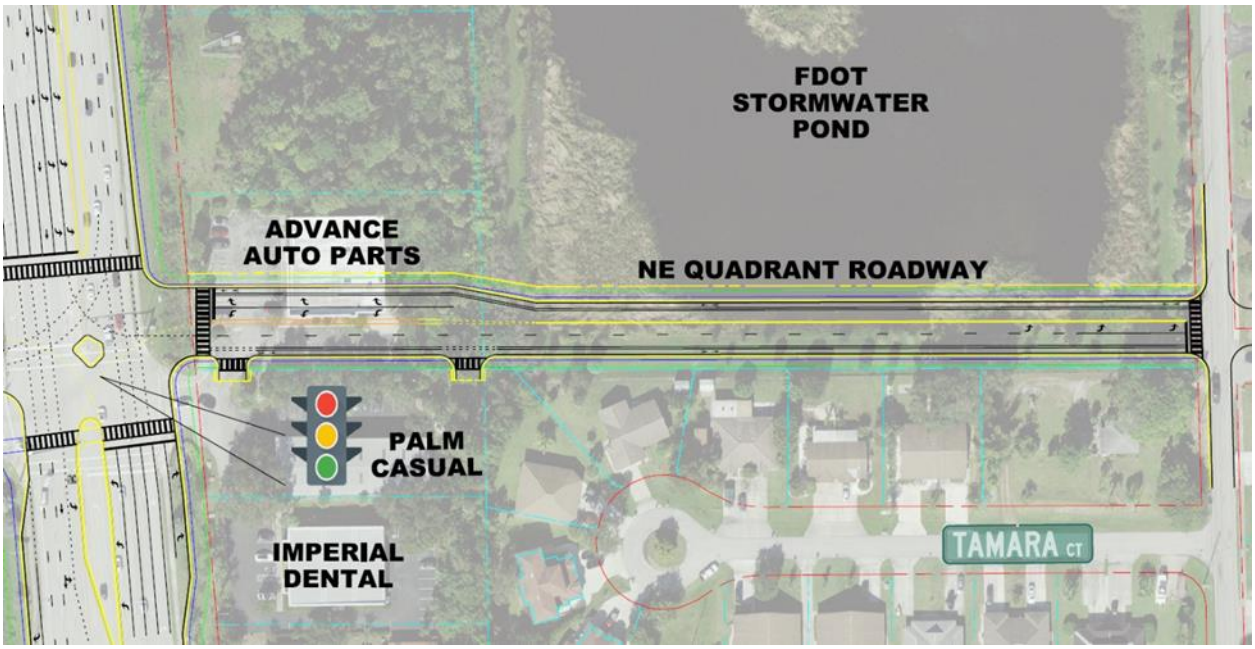


FIGURE 13: NORTHEAST QUADRANT ROADWAY – EAST LEG AT US 41

3.0 Methodology

A contamination screening was conducted to identify contamination issues from properties or operations located within the vicinity of the project. This evaluation consisted of the following tasks:

- A Site Contamination Map (**Appendix A**) using data acquired by Environmental Data Management, Inc. (EDM) was drafted to illustrate the locations of the contamination sites with respect to the study area limits.

- Aerial photographs were reviewed to develop a history of the previous land uses within the study area and to identify sites which may have historical uses that pose contamination concerns. Aerial photographs dated 1944, 1958, 1968, 1975, 1986, 1996, 2005, 2014, and 2020 were provided by EDM. Google Earth images were reviewed where data gaps were evident in the aerials provided by EDM. A summary is provided in **Table 1**. Copies of the historical aerial photographs are presented in **Appendix B**.

- Topographic maps were reviewed to develop a history of the previous land uses within the study area and to identify sites which may have historical uses that pose contamination concerns. Topographic maps can prove useful in identifying contamination concerns such as railroads, mine lands, bulk storage tanks, and landfills/disturbed lands. Additionally, land use and water features, including elevation contours can be identified on topographic maps. Topographic maps dated 1958, 1972, 1987, and 1991were provided by EDM. These maps were obtained from the digital map collections of the United States Geological Survey (USGS). Only 7.5 Minute Series maps were selected for this report. A summary is provided in **Table 2**. Copies of the historical topographic maps are presented in **Appendix C**.

- An environmental database search using EDM was conducted on September 7, 2023 to identify sites, facilities or listings within the study area containing documented or suspected petroleum contamination or other hazardous materials. This report utilizes the search distances included in the FDOT PD&E Manual (except the 1,000 foot search buffer). The search distances are as follows:

    - 500 feet from the ROW line for petroleum, drycleaners, and non-petroleum sites, and
    - ½ mile from the ROW line for Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), National Priorities List (NPL) Superfund sites, or Landfill sites.

- The EDM report is used as a preliminary screening tool to identify facilities that are registered with various county, state, and federal agencies. The regulatory review of federal and state environmental records utilizes an integrated geographic information system database. The database report provides geocoded and non-geocoded regulatory listings of interest that are identified within the study area. Each listing is located by address, facility identification number and field verified where possible. All are reviewed for the potential of contamination to impact the project. The reviewed records include information compiled by the United States Environmental Protection Agency (EPA), the Florida Department of Environmental Protection (FDEP), and other various reporting programs, as identified in EDM's report. A complete list of all regulatory record databases searched is included in the environmental database search report, provided in **Appendix D**. The facilities identified in the EDM report are discussed in **Section 7.0**.

- Supplemental Information made available through FDEP OCULUS files may provide relative information not included within the EDM report. These resources are presented in **Appendix E**.

- A site visit was conducted on October 26, 2023, to verify the current statuses of the contamination sites identified in EDM's report, and to identify new and or undocumented contamination sites. Select site photographs are presented in **Appendix F**.

- Lee County Property Appraiser database information was reviewed for suspect contamination sites where other resources may not have provided ample information regarding the site, or to determine addresses, parcel boundaries and other pertinent information.

- Assigned risk ratings for each contamination site after evaluating the findings of each of the previously mentioned methodologies. The rating system defined in PD&E Manual is divided into four categories of risk which express the degree of concern for contamination problems. The four degrees of risk ratings are "No," "Low," "Medium," and "High" and are defined as follows:

    - No Risk Site: 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.

    - Low Risk Site: 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 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.

- Medium Risk Site: 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 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.

- High Risk Site: 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.

While not specifically discussed in the PD&E Manual as a basis for a Medium or High risk rating, sites located within 500 feet of the project limits also receive these ratings when identified as "contaminated" by state and/or federal regulatory agencies due to the documented presence of un-remediated impacts onsite and/or offsite of the site's property boundaries. This rating is assigned in consideration of a dewatering permit that may be necessary under the National Pollutant Discharge Elimination System (NPDES) program. In addition to sites identified as contaminated, there are often sites that do not appear on state and/or federal regulatory agency databases as "contaminated" but have remaining soil and/or groundwater impacts detailed in documents such as a Conditional Site Rehabilitation Completion Order (C-SRCO) or a restrictive covenant. Sites of this nature also receive a risk rating of Medium or High.

4.0 Land Uses

Determination of previous land uses and occupancies is an important factor when evaluating the potential for contamination involvement. Developing a history of the project and surrounding areas can assist in determining the potential for releases or discharges of hazardous materials or petroleum products. To determine land uses for this project, a review of historical aerial photographs and historical USGS topographic maps was conducted.

4.1 Historical Aerial Photograph Review

Aerial photographs dated 1944, 1958, 1968, 1975, 1986, 1996, 2005, 2014, and 2020 were provided by EDM. A summary of our review is discussed in **Table 1** below. Copies of the historical aerial photographs are presented in **Appendix B**.

TABLE 1: AERIAL PHOTOGRAPH REVIEW

Year	Comment	Contamination Concerns
1944	Bonita Beach Road is first depicted. Grassy fields, woods, and low wet areas are within and adjoining the study area. Windsor Road and Arroyal Road were both first depicted.	No concerns noted.
1958	Development depicted along Bonita Beach Road. Retention pond was depicted within and adjoining west of US 41 ROW (US 41 not depicted).	No concerns noted.
1968	Little to no changes depicted. Trailer park depicted adjoining Northwest Quadrant Roadway ROW. Carolina Street first depicted.	No concerns noted.
1975	US 41 first depicted bisecting the retention pond. Strip mall depicted southeast of US 41 and Bonita Beach Road intersection. Little to no changes were depicted.	No concerns noted.
1986	Commercial (strip mall) and residential developments were depicted northeast of US 41 and Bonita Beach Road intersection. Commercial developments depicted on both the southwest and southeast quadrants of US 41 and Bonita Beach Road intersection. The eastern portion of Foley Road is first depicted. Spanish Wells Boulevard first depicted.	No concerns noted
1996	The western portion of Foley Road was first depicted. Commercial development first depicted on the northwestern quadrant of the US 41 and Bonita Beach Road intersection. US 41 and Bonita Beach Road depicted in their current configurations.	No concerns noted.
2005	Little to no changes were observed. Retention pond depicted in northeast quadrant of US 41 and proposed Carolina Road intersection.	No concerns noted.
2014 - 2020	Little to no changes depicted.	No concerns noted.

No contamination concerns were noted during the review of historical aerial photographs.

4.2 USGS Topographic Map Review

Topographic maps are reviewed to develop an understanding of previous land uses in the study area and to identify any areas that may show historical, natural, and manmade features, which aid in determining contamination concerns. The following reviews are provided based on a review of the USGS 7.5-Minute "Bonita Springs, Florida" topographic maps dated 1958, 1972, 1987, and 1991. Copies of the historical topographic maps are presented in **Appendix C**.

TABLE 2: TOPOGRAPHIC MAP REVIEW

Year	Comment	Contamination Concerns
1958	Bonita Beach Road first depicted. Woods (shaded green) depicted within and adjoining the northern and central study area. Imperial River depicted north of the study area. A rectangular retention pond was depicted within the central study area. Grassy/undeveloped fields (shaded beige) depicted within and adjoining the southern study area. Low and wet area (depression contour with blue plants) depicted along the southern boundary of the study area.	No concerns noted.
1972	Little to no changes were observed. Developments depicted around the study area (shaded purple indicating developed).	No concerns noted.
1987	US 41 first depicted intersecting Bonita Beach Road. Rectangular retention pond bisected by US 41. Additional developments (shaded purple) depicted surrounding the study area.	No concerns noted.
1991	Little to no changes observed.	No concerns noted.

No contamination concerns were noted during the review of historical topographic maps.

5.0 Hydrologic Features

5.1 Aquifers of Florida

The Floridan aquifer is found throughout Florida and extends into the southern portions of Alabama, Georgia, and South Carolina. This aquifer system is comprised of a sequence of limestone and dolomite, which thickens from about 250 feet in Georgia to about 3000 feet in south Florida. The Floridan aquifer system has been divided into an upper and lower aquifer separated by a unit of lower permeability. The upper Floridan aquifer is the principal source of water supply in most of north and central Florida. In the southern portion of the state, where it is deeper and contains brackish water, the aquifer has been used for the injection of sewage and industrial waste. Groundwater flow is generally from high elevations within the central portion of the state towards the east and west coasts.

The surficial aquifer system in Florida includes any otherwise undefined aquifers that are present at land surface. The surficial aquifer is mainly used for domestic, commercial, or small municipal supplies. The surficial aquifer system is generally under unconfined, or water table conditions and is made up of mostly unconsolidated sand, shelly sand, and shell. The aquifer thickness is typically less than 50 feet. Groundwater in the surficial aquifer generally flows from areas of higher elevation towards the coast or streams where it can discharge as base flow. Water enters the aquifer from rainfall and exits as base flow to streams, discharge to the coast, evapotranspiration, and downward recharge to deeper aquifers.

5.2 Soils

Lee County Geology was paraphrased from the Florida Geological Survey, Open-File Report 80, 2001 and other geologic references.

The near surface geologic deposits and formations from youngest to oldest in Lee County include Holocene Sediment, Undifferentiated sediments, Shelly sediments, the Tamiami Formation, the Peace River Formation, and the Arcadia Formation.

The Holocene sediments generally occur near the coastline and with river flood plains and includes; quartz sands, carbonate sand and muds with organics. The Undifferentiated sediments are siliciclastics that are light gray, tan, brown to black, unconsolidated to poorly consolidated, clean to clayey silty, unfossiliferous, variably organic-bearing sands to blue green to olive green, poorly to moderately consolidated, sandy, silty clays. The Shelly sediments are variably calcareous and fossiliferous quartz sands to well indurated, sandy, fossiliferous limestones with clayey sands and sandy clays present.

The Tamiami Formation is a poorly defined lithostratigraphic unit containing a wide range of mixed carbonate-siliciclastic lithologies. The lithologies include: 1) light gray to tan,

unconsolidated, fine to coarse grained, fossiliferous sand; 2) light gray to green, poorly consolidated, fossiliferous sandy clay to clayey sand; 3) light gray, poorly consolidated, very fine to medium grained, calcareous, fossiliferous sand; 4) white to light gray, poorly consolidated, sandy, fossiliferous limestone; and 5) white to light gray, moderately to well indurated, sandy, fossiliferous limestone. The Tamiami Formation has from highly permeable to impermeable lithologies that form a complex aquifer and primarily outcrops in most of eastern Lee County and can reach thicknesses of greater than 100 feet.

The Peace River Formation is primarily found near sea level elevation and is approximately 50 to 150 feet thick under the county. The Peace River Formation is composed of interbedded sands, clays, and carbonates. The sands are generally light gray to olive gray, poorly consolidated, clayey, variably dolomitic, very fine to medium grained and phosphatic. The clays are yellowish gray to olive gray, poorly to moderately consolidated sandy, silty, phosphatic and dolomitic. The carbonates are light gray to yellowish gray, poorly to well indurated, variably sandy, and clayey, and phosphatic. The carbonates often include opaline chert.

The Arcadia Formation is predominantly a carbonate unit with variable siliciclastic component and is found about 150 to 200 feet below land surface (bls) in Lee County. Arcadia Formation is composed of yellowish gray to light olive gray to light brown, micro to finely crystalline, variably sandy, clayey and phosphatic, fossiliferous limestones and dolostones. Thin beds of sand and clay are common. The sand is yellowish gray, very fine to medium grained, poorly to moderately indurated, clayey, dolomitic and phosphatic. The clays are yellowish gray to light olive gray, poorly to moderately indurated, sandy, silty, phosphatic and dolomitic.

6.0 Interviews

Communication with landowners, facility operators, residents, and governmental agencies can aid in the understanding of past and current land uses within the study area. Where possible or when necessary, interviews or requests for information are collected in an effort to identify potential concerns associated with petroleum storage tanks; automotive or marine, maintenance, service, or repair facilities; dry-cleaning processes; and other industrial or agricultural operations that could affect the project.

Given that sufficient information was available in regulatory databases, as well as historical aerial photographs and topographic maps, interviews with property owners were not conducted for this evaluation.

7.0 Project Impacts

Based on the methodologies performed, twenty contamination sites were identified within the study area which may impact the proposed improvements. Risk ratings and supporting research information are provided in **Table 3**. Contamination sites identified in the EDM report are illustrated on the Contamination Site Map in **Appendix A**. Aerial photographs provided by EDM are available in **Appendix B**. Topographic maps provided by EDM are available in **Appendix C**. EDM's report is available in **Appendix D**. Supplemental files from the FDEP OCULUS database and Map Direct are available in **Appendix E**. Select site photographs are available in **Appendix F**.

TABLE 3: RISK RATINGS FOR MAINLINE SITES

EDM Map ID	Site Information	Source	Distance from Study Area	Contaminants of Concern	Risk Rating	Comments
1	**Devoe Pontiac Buick Infiniti Volvo Inc / Bonita Springs Mitsubishi / Bonita Springs Infiniti** 28450 South Tamiami Trail Bonita Springs, FL 34134 Facility IDs: 9803805, 9800304 & 9813692	EDM	230 feet southwest US 41 ROW (nearest structure) 460 feet southwest US 41 ROW (10,000-gallon AST)	Petroleum	Low	**Contamination Concerns:** EDM's report (**Appendix D**) identified this facility as an active car dealership with three Facility IDs. No reported discharges were associated with any of the Facility IDs. **Facility ID: 9800304:** One 10,000 gallon unleaded gasoline Aboveground Storage Tank (AST) is in service at this facility 460 feet west of US 41 ROW. Six former ASTs (one 2,000-gallon unleaded gasoline, one 10,000-gallon unleaded gasoline, two 1,000-gallon waste oil, & two 1,000-gallon lube oil) were removed from site. FDEP OCULUS files (**Appendix E**) provided a recent most Storage Tank Facility Routine Compliance Site Inspection Report dated March 30, 2021, that found this facility and the 10,000-gallon AST in compliance. No contamination concerns were observed in the report. **Facility ID: 9803805:** Two 1,000-gallon ASTs (one waste oil & one lube oil) are in service at this facility. Two 1,000-gallon ASTs (one waste oil & one lube oil) were removed from site. FDEP OCULUS files (**Appendix E**) provided a recent Lee County letter dated October 17, 2022, that found this site in compliance. **Facility ID: 9813692:** Two 550-gallon ASTs (one waste oil & one lube oil) are in service at this facility. FDEP OCULUS files (**Appendix E**) provided a Storage Tank Annual Compliance Site Inspection Report dated November 7, 2016, that found this facility in compliance. During the site reconnaissance, this site was observed as a Mitsubishi Motors, Seadoo Can Am, and Power Lodge dealerships. One 10,000-gallon AST was observed near the northwest corner of the property 460 west of US 41 ROW (Facility ID: 9800304). No petroleum stains or corrosion were observed. Neither of the 550-gallon or 1,000-gallon ASTs were observed. **Risk Rating:** Given the lack of reported discharges, and the non-retail use of the ASTs at these facilities, a risk rating of Low is assigned.
2	**Springs Plaza Sewer System** 28239 South US 41 Bonita Springs, FL 33923 Facility ID: 9400174	EDM	500 feet east of US 41 ROW	Petroleum	Low	**Contamination Concerns:** EDM's report (**Appendix D**) identified this facility as a closed nonretail fuel user with one discharge dated August 19, 1993. FDEP OCULUS files (**Appendix E**) provided and NFA dated August 25, 1994. A Site Manager Summary Report dated May 26, 2004, stated a Discharge Reporting Form (DRF) was filed in response to elevated Organic Vapor Analysis (OVA) readings taken during diesel fuel tank removal activities. Site assessment activities lasted from December 1993 to July 1994. No subsequent files were provided. Contamination impacts are not anticipated. During the site reconnaissance, this site was observed as Life Storage facility. Several storage units were observed behind a locked security gate. Site access was not possible. **Risk Rating:** Given the completion of site assessment activities, and the issuance of NFA status by the FDEP, this site is assigned a risk rating of Low.

TABLE 3: RISK RATINGS FOR MAINLINE SITES						
EDM Map ID	**Site Information**	**Source**	**Distance from Study Area**	**Contaminants of Concern**	**Risk Rating**	**Comments**
3	**7-Eleven Store #34806** 28175 South Tamiami Trail Bonita Springs, FL 33923 Facility IDs: 8944111, 2023	EDM	Adjoining east US 41 ROW OSB-1N 20 feet east of US 41 ROW Former UST farm 100 feet east of US 41 ROW	Petroleum (Benzene Total xylenes)	**Medium**	**Contamination Concerns:** EDM's report (**Appendix D**) identified this facility as an active retail gas station with five reported discharges dated: December 10, 1988, April 11, 1990, April 20, 1990, April 23, 1990, June 18, 1990, April 11, 2005, and February 15, 2023. The April 11 and April 20 1990 discharges were filed incorrectly and do not exist and have no regulatory files in reference to those discharge dates. Three Underground Storage Tanks (USTs) are in service at this facility (two 15,000-gallon unleaded gasoline & one 20,000-gallon diesel). Four 10,000-gallon unleaded gasoline USTs were removed from the site in 2005. This facility is also listed in the Florida Institutional Controls Registry. A Quarterly Natural Attenuation Monitoring (QNAM) report (**Appendix E**) dated April 20, 2020, stated only four discharges had occurred at this facility (December 10, 1988, April 23, 1990, June 18, 1990, and April 11, 2005). The December 1988 discharge was filed based on groundwater exceedances reported in onsite monitoring wells. The December 1988 discharge was determined eligible for rehabilitation under the EDI program on September 18, 1991. The April 23 and June 18, 1990, discharges were filed due to a contractor causing a release of unleaded gasoline during assessment activities. Both April and June, 1990 discharges were ineligible for funding under the Florida Petroleum Liability and Restoration Insurance Program. Both April and June 1990 discharges were later found eligible for rehabilitation funding under the Petroleum Cleanup Participation Program on May 17, 2010. The April 11, 2005, discharge was filed after a product pipe containing unleaded gasoline was compromised during UST system upgrade activities. A total of 1,071 tons of petroleum impacted soil was removed from the site in the areas of the former UST farm (100 feet east of US 41 ROW) and current UST farm (20 feet east of US 41 ROW). A limited closure assessment report submitted in 2005 found slight groundwater exceedances in the area of the former UST farm 100 feet east of US 41 ROW. No Site assessment activities occurred from 2005 to 2017. Site assessment activities resumed in 2018, and again from August 2019 to January 2020. Groundwater sampling on April 6, 2020 found no exceedances above established GCTLs in all monitoring wells sampled. The average depth to water was listed as 4.33 feet below land surface (bls) and groundwater flow was depicted to the northwest towards to US 41 ROW. A Closure Report dated March 22, 2023, stated two 15,000-gallon unleaded gasoline USTs and one 20,000-gallon diesel UST were replaced as part of facility upgrade activities. Three laboratory samples were collected on February 15, 2023, at overspill buckets (OSB)-1N and found exceedances above Soil Cleanup Target Levels (SCTLs) for Leachability Based on Groundwater Criteria, but below SCTLs for Direct Exposure Residential. Contaminants (Benzene and Total Xylenes) at OSB-1N did exceed their established Groundwater Cleanup Target Levels (GCTLs) but remained below their established Natural Attenuation Default Concentrations (NADCs) via Synthetic Precipitation Leaching Procedure testing. The location of OSB-1N is 20 feet east of US 41 ROW. The exceedance in GCTLs was responsible for the filing of the DRF on February 15, 2023. A field work notification email dated August 28, 2023, indicated that well sampling activities were to take place September 2023. No subsequent regulatory files were provided. No Site Rehabilitation Completion Orders (SRCO), or NFA status was issued to any of the five listed discharges at this facility by the FDEP. This facility remains listed as a contamination site in the FDEP's Contamination Location Map within 500 feet of US 41 ROW and could trigger the testing requirements necessary for NPDES permitting. Contamination impacts are anticipated. During the site reconnaissance, this site was observed as a 7-Eleven retail gas station with an active carwash. No ASTs or hazardous materials were noted. Typically soaps, detergents and waxes used at car washes are non-toxic and biodegradable. Modern car wash facilities, such as this one, recycle wastewater in a closed-loop system. Wastewater may contain oils, greases, and detergents. Presumably, car wash facilities abide by FDEP Best Management Practices to eliminate and/or minimize potential impacts to the environment. **Risk Rating:** Given this facility's status as an active retail gas station, none of the five discharges having met conditions for an SRCO or NFA by the FDEP, and effect on potential NPDES permitting, this site is assigned a risk rating of **Medium**.
4	**Bonita Springs Central Off / Cellular Tower** 28160 Beaumont Road Bonita Springs, FL 33923 Facility ID: 9602086	EDM	410 feet west of US 41 ROW (nearest observed emergency generator) 520 feet west of US 41 ROW (regulated AST)	Petroleum	Low	**Contamination Concerns:** EDM's report (**Appendix D**) identified this facility as a non-retail fuel user with one 1,200-gallon diesel AST for an emergency generator at this facility 520 feet west of US 41 ROW. Two former ASTs were also identified (one 1,500-gallon diesel AST that was closed in place, and one 1,000-gallon diesel AST) at this facility. No discharges are associated with this facility. A Lee County letter (**Appendix E**) dated May 4, 2022, found this facility in compliance. No subsequent regulatory files were available. During the site reconnaissance, this site was observed as an operation Cellular Tower, and office building. Site access was not permitted. Three emergency generators were observed (the nearest one 410 feet west of US 41 ROW). Contamination impacts are not anticipated. **Risk Rating:** Given the lack of contamination concerns, and no reported discharges, this site is assigned a risk rating of Low.

TABLE 3: RISK RATINGS FOR MAINLINE SITES						
EDM Map ID	**Site Information**	**Source**	**Distance from Study Area**	**Contaminants of Concern**	**Risk Rating**	**Comments**
5	**Spring Fresh Dry Cleaners** 8951 Bonita Beach Road Suite 21D Bonita Springs, FL 33923 Facility IDs: 50410, 9502316, ERIC_4849, ERIC_11227, 9502316	EDM	200 feet southeast of US 41 and Bonita Beach Road Intersection ROW	Hazardous materials	**Medium**	**Contamination Concerns:** EDM's report (**Appendix D**) identified this facility as a former dry cleaning facility 200 feet southeast of US 41 and Bonita Beach Road Intersection ROW. This facility was also identified in the FDEP's Drycleaning Solvent Cleanup Priority Ranking list. FDEP OCULUS files (**Appendix E**) dated May 23, 2016, state this former drycleaning facility was located in Unit 210 from the 1980s to the 1990s (extreme northwest corner of building). The facility was enrolled in the FDEP's Voluntary Cleanup Program. The FDEP approved a Remedial Action Plan (RAP) in June 1999. RAP activities included source removal in the unsaturated soils beneath, and in the rear of the facility. RAP activities also included biosparging to accelerate the natural attenuation of contaminants. Groundwater monitoring wells were also installed. RAP activities ceased in March 2004. No subsequent field activities occurred from 2005 to 2014. Groundwater testing performed in 2015 yielded a slight exceedance in bromodichloromethane in MW-9 (150 feet south of Bonita Beach Road ROW, and 200 feet east of US 41 ROW), a slight exceedance in vinyl chlorides (VCs) in CW-1 and CW-2 (both 200 feet south of Bonita Beach Road ROW, 200 feet east of US 41 ROW). Other contaminants were identified but were below their established GCTLs. Well over-purging activities occurred at wells CW-1, CW-2, and MW-9 for remediation benefits. A total of 275-gallons were purged from CW-1, 55-gallons were purged from CW-2, and 165-gallons were purged from MW-9. A second round of groundwater sampling occurred December 10, 2015, and revealed a slight exceedance in GCTLs in VCs for CW-2. The most recent round of groundwater sampling occurred March 10, 2016, and yielded slight exceedances in VCs for CW-1 and CW-2. No NFA or SRCO was issued by the FDEP. The location of the nearest contaminated wells (CW-1 and CW-2) are 200 feet south of Bonita Beach Road ROW, and 200 feet east of US 41 ROW. This facility remains listed as a contamination site in the FDEP's Contamination Location Map within 500 feet of both US 41 and Bonita Beach Road ROW and could trigger the testing requirements necessary for NPDES permitting. During the site reconnaissance, this site was observed as Smilecreator of Bonita dentist office. No monitoring wells were observed. **Risk Rating:** Given unresolved contamination impacts, and effect on potential NPDES permitting, this site is assigned a risk rating of **Medium**.
6	**Martinizing Dry Cleaning** 3525 Bonita Beach Rd Bonita Springs, FL 34134 Facility ID: 9811287	EDM	Adjoining Bonita Beach Road ROW	Tetrachloroethylene (PCE)	**Medium**	**Contamination Concerns:** EDM's report (**Appendix D**) has identified this site as an operating dry cleaning facility with no discharges reported. The FDEP's Storage Tanks & Contamination Monitoring (STCM) database states a Tetrachloroethylene (PCE) AST of unknown volume was installed on January 1, 2003 and remains in service. No soil or groundwater contamination reports were provided in FDEP's OCULUS database. During the site reconnaissance, this site was observed as Martinizing Dry Cleaning. Runoff was observed flowing towards a low wet area southeast of the facility from a vent. Contamination impacts should be investigated given the adjoining nature of this facility to the Bonita Beach Road ROW. This may represent an ongoing source of contamination. **Risk Rating:** Given the active status of this dry cleaning facility adjoining Bonita Beach Road ROW, this site is assigned a risk rating of **Medium**.

TABLE 3: RISK RATINGS FOR MAINLINE SITES						
EDM Map ID	**Site Information**	**Source**	**Distance from Study Area**	**Contaminants of Concern**	**Risk Rating**	**Comments**
7	**BP-Bonita-Oleum Corp** 9021 Bonita Beach Road Bonita Springs, FL 33923 Facility ID: 8520618	EDM	Plume within and adjoining south of Bonita Beach Road ROW Former UST farm 30 feet south of Bonita Beach Road ROW	Petroleum	**High**	**Contamination Concerns:** EDM's report (**Appendix D**) identified this closed former retail gas station with eight former USTs. Four 10,000-gallon (two unleaded gasoline, one leaded gasoline, and one diesel), three 10,152-gallon (one unleaded gasoline, one leaded gasoline, and one diesel), and one 12,000-gallon unleaded gasoline USTs previously existed at this facility. UST removal activities occurred in November 1988 and September 1994. One discharge was reported on November 17, 1994. FDEP OCULUS files (**Appendix E**) provided a Template Site Assessment Report (TSAR) dated January 2, 2018, stating this former facility was demolished in 1994. The former UST tank farm was located near the northeast corner of the property 30 feet south of Bonita Beach Road ROW. A Discharge Reporting Form (DRF) was filed after elevated soil vapor readings were encountered during UST removal activities. A 1995 Site Closure Report indicated 400 tons of contaminated soil were removed from the facility for thermal treatment. Groundwater impacts were not included in the 1995 Site Closure Report. Groundwater sampling between January and March 1995 discovered exceedances of petroleum hydrocarbons and lead concentrations above their established GCTLs. Benzene was also detected above its established GCTL in the deep well (MW-9D) which is screened from 19 to 24 feet bls. No RAP has been prepared at this facility. No other source removal activities have been reported at this site other than UST closure/removal activities. Funding was not available for this facility in 1996. No remediation activities occurred at this facility from 1996 to 2014. In 2015 funding was made available to assess the extent of the 1994 discharge. Site assessment activities resumed in 2016. Between January and November 2017, soil assessment activities occurred. Laboratory results depicted exceedances in petroleum hydrocarbons in soil borings collected between 0 and 5.5 feet bls. Between February and November 2017, eleven shallow monitoring wells (maximum depth at 12 feet bls), and three deep monitoring wells (maximum depths ranging from 25 to 30 feet bls) were installed. Laboratory results indicated exceedances in GCTLs for benzene, methyl-tert-butyl-ether (MBTE), 1-methylnaphthalene, and 2-methylnaphthalene, within and adjoining south of Bonita Beach Road ROW. Laboratory results also indicated exceedances above their established NADCs for naphthalene, toluene, ethylbenzene, total xylenes, and Total Recoverable Hydrocarbons (TRPHs) within and adjoining south of Bonita Beach Road ROW. No exceedances in GCTLs, or NADCs were detected in any of the deeper monitoring wells. A shallow dissolved hydrocarbon map dated February 13 and December 1, 2017, depicted the extent of contamination within and adjoining south of Bonita Beach Road ROW. Groundwater flow was depicted cross gradient from Bonita Beach Road ROW flowing west towards US 41 ROW on February 13, 2017. Groundwater flow was depicted flowing northwest toward Bonita Beach Road ROW on August 14, 2017. Groundwater flow was also depicted flowing north towards Bonita Beach Road ROW on December 1, 2017. Due to NADC exceedances in the groundwater, remediation by natural attenuation was not recommended. No subsequent files were available. This facility remains listed as a contamination site in the FDEP's Contamination Location Map within Bonita Beach Road ROW and could trigger the testing requirements necessary for NPDES permitting. Contamination impacts are anticipated due to unresolved contamination issues within and adjoining south of Bonita Beach Road ROW. During the site reconnaissance, this site was observed as a Fifth Third Bank. **Risk Rating:** Given the existence of residual petroleum contamination in both the soil and shallow groundwater monitoring wells within and adjoining south of Bonita Beach Road ROW and effect on potential NPDES permitting, this site is assigned a risk rating of **High.**

TABLE 3: RISK RATINGS FOR MAINLINE SITES						
EDM Map ID	**Site Information**	**Source**	**Distance from Study Area**	**Contaminants of Concern**	**Risk Rating**	**Comments**
8	**7-Eleven Store #40327 / Apex Station** 27990 Tamiami Trail Bonita Springs, FL 34134 Facility ID: 8518113, 8840379	EDM	Adjoining northwest	Petroleum	**Medium**	**Contamination Concerns:** EDM's report (**Appendix D**) identified this facility as an active retail gas station. The FDEP Storage Tanks & Contamination Monitoring (STCM) database identified three active USTs at this facility (one 6,000-gallon unleaded gasoline, one 20,000-gallon unleaded gasoline, and one 20,000-gallon diesel). The STCM database also identified eight former USTs (one 10,000-gallon leaded gasoline, six 10,000-gallon unleaded gasoline, and one 10,000-gallon diesel) that were removed from this facility. Three reported discharges dated: February 6, 1988, February 10, 1995, and May 6, 2003, are associated with this facility. FDEP OCULUS files (**Appendix E**) provided a letter dated January 26, 2018, which stated petroleum impacted groundwater (product volume and type unknown) was reported in February 1988. Facility upgrades occurred in September 1988, with the removal and installation of new USTs. An undetermined volume of groundwater was removed from the UST farm by dewatering, and 1,700 tons of petroleum impacted soil were excavated and removed from the facility. A RAP was approved for this facility in June 1993, and operated intermittently until April 1995. The remediation system was turned off when site rehabilitation activities were suspended due to Senate Bill 92-2 Laws of Florida. No remediation activities occurred from 1995 to 2003. A Site Assessment Report (SAR) dated May 2004, stated petroleum impacts in the soil were below established SCTLs. A Supplemental Site Assessment report dated 2006, concluded the horizontal extent of petroleum impacts was localized to MW-7. A total of 200 tons of impacted soil were excavated and removed from the facility during a second UST system upgrade in 2007. Three replacement wells (MW-6R, MW-7R, and MW-12R) were installed in 2008. Only MW-7R (100 feet west of US 41 ROW) had petroleum concentrations above their established NADCs. None of the other monitoring wells at this facility had petroleum constituents above their established GCTLs. Two overpurge events occurred in 2009 at MW-7R but had no effect in reducing petroleum concentrations. A Limited Scope Remedial Action Plan (LSRAP) was approved in 2010 with the use of biosparging at MW-7R. LSRAP activities paused in August 2012 when the petroleum concentrations at MW-7R were reduced below their NADCs. The FDEP issued a Post Active Remediation Monitoring (PARM) Approval Order in September 2012, which included quarterly monitoring of wells MW-7R, MW-13, MW-14, and MW-15. Additional overpurge events were conducted at MW-7R between July and August 2013. All petroleum concentrations except naphthalene were reduced below their GCTLs. Continued short term biosparging was approved in December 2013, and was conducted in June, September, and December 2014 at MW-7R to reduce the naphthalene concentration. Groundwater sampling activities were conducted December 12, 2014 and found wells MW-7R and MW-14 (110 feet west US 41 ROW) had petroleum concentrations exceeding their GCTLs for naphthalene. Funding for a Limited Site Assessment (LSA) became available for this site in 2016. Groundwater sampling conducted on December 6, 2017, found GCTL exceedances for naphthalene for both MW-7R and MW-16 (MW-16 is 150 feet west of US 41 ROW). MW-7R also had exceedances above the GCTLs for 1-methylnaphthalene, and 2-methylnaphthalene. Groundwater flow was depicted to the northwest cross gradient of US 41 ROW and away from the Bonita Beach Road ROW. A total of 12 soil borings were also conducted onsite, and four laboratory samples were collected. No contaminants exceeded their SCTLs. A subsequent Template Site Assessment Report (TSAR) dated September 13, 2018, stated additional groundwater sampling occurred and the exceedances at MW-7R and MW-16 remained. Since MW-16 is 20 feet south of an existing retention pond a grab water sample was taken approximately 3 feet from the edge of the pond. No contaminants were identified in the existing retention pond. The TSAR recommended NAM as a remedial strategy sampling wells semiannually. No subsequent soil or groundwater testing events have occurred at this facility. A Storage Tank Facility Routine Compliance Site Inspection Report dated May 4, 2023, found this facility in compliance. This facility remains listed as a contamination site in the FDEP's Contamination Location Map adjoining US 41 and Bonita Beach Road ROW and could trigger the testing requirements necessary for NPDES permitting. No SRCO or NFA has been issued by the FDEP for either discharge. During the site reconnaissance, this site was observed as an active 7-Eleven retail gas station. Seven groundwater monitoring wells were observed. **Risk Rating:** Given the active status of this retail gas station adjoining the US 41 and Bonita Beach Road intersection ROW and effect on potential NPDES permitting, this site is assigned a risk rating of **Medium**.

TABLE 3: RISK RATINGS FOR MAINLINE SITES						
EDM Map ID	**Site Information**	**Source**	**Distance from Study Area**	**Contaminants of Concern**	**Risk Rating**	**Comments**
9	**Publix Super Market #1449** **Publix Super Market #365** 3304 & 3306 Bonita Beach Road Bonita Springs, FL 34141 & 34134 Facility ID: 9814048, 9808472	EDM	Active AST 340 feet southeast of nearest Northwest Quadrant Roadway ROW Former AST 450 north of Bonita Beach Road ROW	Petroleum	Low	**Contamination Concerns:** EDM's report (**Appendix D**) has identified this facility as a nonretail fuel user with one active 1,000-gallon diesel AST at the current 3304 address 340 feet southeast of the Northwest Quadrant Roadway ROW. One former 1,000-gallon diesel AST was at the former 3306 address 450 feet north of Bonita Beach Road ROW (AST was removed June 2014). Both ASTs were utilized as fuel sources for emergency generators with no discharges reported. FDEP OCULUS files (**Appendix E**) provided a Lee County letter dated October 31, 2022 regarding Facility ID: 9814048 (AST in service) stating this facility was found in compliance with the department's storage tank rules and regulations. An FDEP Storage Tank Facility Closure Site Inspection Report dated July 31, 2014 regarding Facility ID: 9808472 (removed AST) stated no contamination concerns were noted during tank removal activities. No closure assessments were conducted due to the lack of reported discharges. During the site reconnaissance, the site listed at 3304 Bonita Beach Road was observed as a Publix Super Market with an active 1,000-gallon AST behind the facility. The site listed at 3306 Bonita Beach Road was depicted as two department stores and a Crunch Fitness gym. The 3306 address was a former Publix Super Market location until the site was remodeled and relocated to the current 3304 address in 2014. The pad for the former AST and emergency generator was observed behind the Crunch Fitness. **Risk Rating:** Given that the lack contamination concerns, and the current facility found in compliance, this site is assigned a risk rating of Low.
10	**Former Sunshine Dry Cleaners** 9048 Bonita Beach Road Bonita Springs, FL 33923 Facility ID: 9801967	EDM	250 feet north of Bonita Beach Road ROW	Hazardous materials	Low	**Contamination Concerns:** EDM's report (**Appendix D**) identified this former dry cleaning facility 250 feet north of Bonita Beach Road ROW. FDEP Storage Tanks & Contamination Monitoring database stated a tetrachloroethylene AST was removed from site on an unknown date. No reported discharges are associated with this former dry cleaner facility. No regulatory information related to soil and groundwater testing is available. This former dry cleaning facility was not found in the FDEP's Dry Cleaning Solvent Cleanup Program Priority Ranking List. A confirmed discharge is required to be on the list. Dry cleaning solvents are denser than water and tend to sink to greater depths in comparison to petroleum related contaminants. Because of this characteristic, any groundwater contamination would be found beyond the zone of construction. During the site reconnaissance, this site was observed as Cosmotique Salon, and an abandoned pharmacy. No groundwater monitoring wells were observed. **Risk Rating:** Given the lack of reported discharges, characteristics of chlorinated solvents, and the distance from ROW. Contamination impacts regarding the former dry cleaner facility are not anticipated. This site is assigned a risk rating of Low.
11	**Former Prestige Cleaners** 3300 Bonita Beach Road #107 Bonita Springs, FL 34134 Facility ID: 9503050	EDM	120 feet north of Bonita Beach Road ROW	Hazardous materials	Low	**Contamination Concerns:** EDM's report (**Appendix D**) has identified this former dry cleaning facility120 feet north of Bonita Beach Road ROW. The FDEP STCM database stated an AST containing PCE was removed from site. Both the date of removal and volume of the tank are unknown. This facility was not found in the FDEP's Drycleaning Solvent Cleanup Program Priority Ranking List. A confirmed discharge is required to be on the list. Dry cleaning solvents are denser than water and tend to sink to greater depths in comparison to petroleum related contaminants. Because of this characteristic, any groundwater contamination would be found beyond the zone of construction. During the site reconnaissance, the site was observed as a Salon plex hair salon. No groundwater monitoring wells were observed. **Risk Rating:** Given the lack of reported discharges, characteristics of chlorinated solvents, and the distance from ROW. Contamination impacts regarding the former dry cleaner facility are not anticipated. This site is assigned a risk rating of Low.
12	**Tuffy Tire & Auto Service Center** 27790 South Tamiami Trail, Bonita Springs, FL 34134	Site reconnaissance MapDirect	Adjoining US 41 and Northwest Quadrant Roadway ROW	Petroleum Hazardous materials	Low	**Contamination Concerns:** This facility was not identified in EDM's report. During the site reconnaissance this facility was identified as Tuffy tire & Auto Service Center an operational auto service center that offers alignment, exhaust, brake, and air conditioning services adjoining west of US 41 and Northwest Quadrant Roadway ROW. One Aboveground Storage Tank (AST) was observed 40 feet north of the Northwest Quadrant Roadway ROW, and 130 feet west of US 41 ROW. The tank volume, and contents are unknown (access to the AST was not permitted due to fencing). AST's with a tank size of 550-gallons or more are required to be registered with the FDEP. The AST observed appears to be in the range of 400 to 500-gallons in size. The AST is on a concrete pad and under an aluminum canopy. Typically, auto repair facilities are Small Quantity Generators (SQGs) of hazardous waste (100-1,000 kg/month) and are considered a low risk. Seven hydraulic lifts were observed adjoining north of the Northwest Quadrant Roadway ROW, and 30 feet west of US 41 ROW. Although there is a possibility of encountering contamination during site demolition activities/removal of the hydraulic lifts, impact to the ROW is not anticipated due to distance. Other hazardous materials may be stored onsite in small quantities such as waste oil, brake fluids, and freon. **Risk Rating:** Given the lack of reported discharge, and the non-commercial use of the AST, this site is assigned a risk rating of Low.

TABLE 3: RISK RATINGS FOR MAINLINE SITES						
EDM Map ID	**Site Information**	**Source**	**Distance from Study Area**	**Contaminants of Concern**	**Risk Rating**	**Comments**
13	**Bonita Boat Center** 27760 South Tamiami Trail, Bonita Springs, FL 34134	Site reconnaissance	Adjoining west of US 41 ROW	N/A	Low	**Contamination Concerns:** This facility was not identified in EDM's report. During the site reconnaissance, this site was observed as Bonita Boat Center a marine/boat dealer and service/repair center adjoining west of US 41 ROW. No FDEP OCULUS regulatory files were provided. No ASTs or possible fuel sources were observed at this facility. Contamination concerns are not anticipated for this facility. **Risk Rating:** Given the lack of contamination concerns, this site is assigned a risk rating of Low.
14	**Advance Auto Parts** 27791 South Tamiami Trail Bonita Springs, FL 34134	Site reconnaissance MapDirect	Within and Adjoining north of proposed Carolina Street ROW Adjoining east US 41 ROW	Hazardous materials	Low	**Contamination Concerns:** This facility was not identified in EDM's report. During the site reconnaissance, this site was observed as Advance Auto Parts retail store with no service bays or petroleum storage tanks. The Advance Auto Parts is within and adjoining north of the proposed Carolina Street ROW, and adjoining east of US 41 ROW. Typically, retail auto parts stores are SQGs of hazardous waste (100-1,000 kg/month). These facilities store hazardous materials and petroleum products on impermeable surfaces such as concrete and are not used onsite. Therefore, auto parts facilities are typically considered a low risk. Hazardous materials such as oil, brake fluids, and freon may be stored and sold onsite in small quantities. Contamination impacts are not anticipated at this facility. **Risk Rating:** Given the lack of contamination concerns, this site is assigned a risk rating of Low.
15	**NCH Healthcare Systems** 24020 South Tamiami Trail Bonita Springs, FL 34134 Facility ID: 9816752 3302 Bonita Beach Road Bonita Springs, FL 34134	MapDirect	Adjoining south of Northwest Quadrant Roadway ROW (3302 address) Approximately 4-miles north of study area (24020 address)	Petroleum	Low	**Contamination Concerns:** This site was not identified in EDM's report, but rather using MapDirect. FDEP OCULUS files (**Appendix E**) identified this facility adjoining south of the Northwest Quadrant Roadway ROW with a diesel AST used for an emergency generator. FDEP OCULUS files provided a Storage Tank Facility Registration Form dated July 13, 1998 for Facility 9816752 located at 24020 Tamiami Trail (diesel AST for an emergency generator). The site referenced at 24020 South Tamiami Trail is another NHC property located approximately four miles north of the project area at 24020 South Tamiami Trail. No regulatory files were provided for the 3302 address. During the site reconnaissance, this site was observed as NCH Immediate Care at 3302 Bonita Beach Road. No ASTs or emergency generators were observed at the 3302 address. An enclosed structure was observed connected to the east of the site, but no signage was present to indicate its usage (such as an AST or emergency generator). **Risk Rating:** Given the lack of a reported discharge, and the unknown location of the AST, this site was assigned a risk rating of Low.
16	**Discarded Buckets / Construction Site / Disaster Debris Management Site** 27711 Windsor Road/Anglers Paradise Bonita Springs, FL 34134	Field Review March 4, 2020 Site reconnaissance October 26, 2023	330 feet west of Northwest Quadrant Roadway ROW 570 feet west of Northwest Quadrant Roadway ROW (5-gallon buckets)	Petroleum	Low	**Contamination Concerns:** This site was identified in EDM's report 330 feet west of Northwest Quadrant Roadway ROW, but no regulatory listings were provided. MapDirect (**Appendix E**) provided an FDEP Inspection Checklist dated December 15, 2017, that stated vegetative debris was the only type of waste managed and processed at this site. No environmental issues or concerns were noted during the closure of the site. During a field review conducted on March 4, 2020, four abandoned 5-gallon buckets of hydraulic oil were discovered 570 feet northwest of the Northwest Quadrant Roadway ROW. During the most recent site reconnaissance, this site was observed as an active construction site encompassing all of the undeveloped land adjoining east of Windsor Road, behind the strip mall plaza (northwest quadrant of the US 41 and Bonita beach Road intersection), and adjoining west of US 41 near the northern project boundary. Three temporary petroleum ASTs (tank volumes in the range of 400 to 500-gallons) associated with the construction site were observed 480 feet northwest of Northwest Quadrant Roadway ROW. The discarded 5-gallon buckets (from the March 2020 field review) were not observed. **Risk Rating:** Since the presence of the hydraulic oil buckets could not be confirmed during the most recent site reconnaissance and there are no reported discharges for the three petroleum ASTs on the construction site, this site is assigned a risk rating of Low.
17	**Super Suds Car Wash** 28301 South Tamiami Trail Bonita Springs, FL 34134	Site reconnaissance October 26, 2023	Adjoining east US 41 ROW	Hazardous materials	Low	**Contamination Concerns:** This site was not identified in EDM's report. No reported discharges are associated with this facility. During the site reconnaissance, this site was observed as an active Super Suds Car Wash. No ASTs or hazardous materials were observed. Typically soaps, detergents and waxes used at car washes are non-toxic and biodegradable. Modern car wash facilities, such as this one, recycle wastewater in a closed-loop system. Wastewater may contain oils, greases, and detergents. Presumably, car wash facilities abide by FDEP Best Management Practices to eliminate and/or minimize potential impacts to the environment. **Risk Rating:** Given the lack of contamination concerns, this site is assigned a risk rating of Low.
18	**Jiffy Lube** 28145 South Tamiami Trail Bonita Springs, FL 34134	Site reconnaissance October 26, 2023 MapDirect	Adjoining east US 41 ROW	Petroleum	Low	**Contamination Concerns:** This site was not identified in EDM's report. During the site reconnaissance, this site was observed as an active Jiffy Lube with two hydraulic lifts. No ASTs were observed. No reported discharges are associated with this facility. MapDirect identified this facility with a SQG of hazardous waste listing. These facilities generate small amounts of hazardous waste (100-1,000 kg/month) that are disposed of offsite. These facilities are considered a low risk. **Risk Rating:** Given the lack of contamination concerns, this site is assigned a risk rating of Low.

TABLE 3: RISK RATINGS FOR MAINLINE SITES						
EDM Map ID	**Site Information**	**Source**	**Distance from Study Area**	**Contaminants of Concern**	**Risk Rating**	**Comments**
19	**Tires Plus** 9050 Bonita Beach Road Southeast Bonita Springs, FL 34135	Site reconnaissance October 26, 2023	Parcel adjoining Bonita Beach Road ROW Nearest hydraulic lift 510 feet north of Bonita Beach Road ROW 640 feet north Bonita Beach Road ROW (Waste oil AST)	Petroleum	Low	**Contamination Concerns:** This site was not identified in EDM's report. During the site reconnaissance, this site was observed as an active Tires Plus auto shop with eight hydraulic lifts. One waste oil AST (tank volume in the range of 400 to 500-gallons) was observed 640 feet north of Bonita Beach Road ROW. No reported discharges are associated with this facility. **Risk Rating:** Given the lack of contamination concerns, and the separation distance, this site is assigned a risk rating of Low.
20	**Lexpert Automotive Inc.** 27861 Crown Lake Boulevard Bonita Springs, FL 34135	Site reconnaissance October 26, 2023	340 feet east of US 41 ROW	Petroleum	Low	**Contamination Concerns:** This site was not identified in EDM's report. During the site reconnaissance, this site was observed as an active Lexpert Automotive Inc. auto shop with seven hydraulic lifts 340 feet east of US 41 ROW. No ASTs were observed. No reported discharges are associated with this facility. **Risk Rating:** Given the lack of contamination concerns, this site is assigned a risk rating of Low.

8.0 Conclusions and Recommendations

8.1 Conclusions

A total of twenty contamination sites were evaluated. The following table presents a summary of the risk ratings assigned for each site:

Table 4: Summary of Risk Ratings – Mainline Sites			
High	Medium	Low	No
1	4	15	0

8.2 Recommendations

Based on the conclusions of this study and the risk ratings noted above, the following recommendations are made.

- Additional information may become available or site-specific conditions may change from the time this report was prepared and should be considered prior to acquiring ROW and/or proceeding with roadway construction. If the proposed improvements change, and/or new potential contamination sites have been constructed, this report should be revised and updated to reflect those changes.

- For the locations rated "No" or "Low" for contamination, no further action is required. These locations have been determined not to have any contamination risk to the study area at this time.

- Four Medium rated locations (Map ID 3, Map ID 5, Map ID 6, and Map ID 8) and one High rated location (Map ID 7) were identified within the study area and should be considered for Level II testing. The Level II can include hazardous material surveys, soil borings, monitoring well installation, soil and groundwater sampling, and laboratory testing. Level II testing costs are estimated at $2,000 to $10,000 per site. Further evaluation and Level II testing, at the discretion of the District Contamination Impact Coordinator, is recommended for the following:

    - Map ID 3 – 7-Eleven Store #34806 (active gasoline station with five reported discharges): Soil and/or groundwater analytical testing may include Total Recoverable Petroleum Hydrocarbons (TRPH) by the Florida PRO Method, benzene, toluene, ethylbenzene, xylenes, and methyl-tert-butyl-ether (BTEX/MTBE) by EPA Method 8260, and Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270. Organic Vapor Analyzer screening is also recommended.

- Map ID 5 – Spring Fresh Dry Cleaners (former dry cleaning facility): Soil and/or groundwater analytical testing may include volatile organic halides in water by EPA Method 8260.

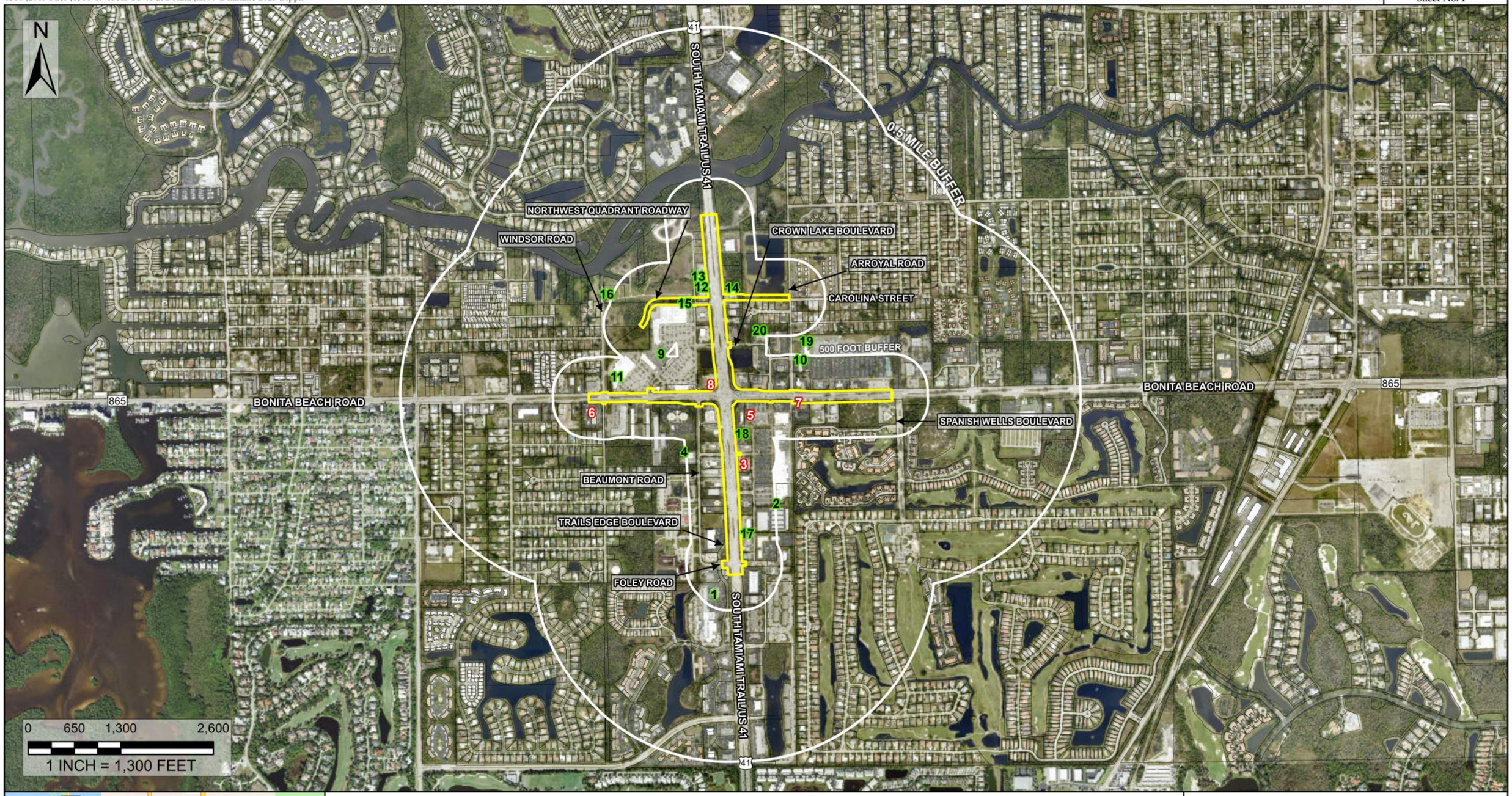
- Map ID 6 – Martinizing Dry Cleaning (active dry cleaning facility with a PCE AST): Soil and/or groundwater analytical testing may include volatile organic halides in water by EPA Method 8260.

- Map ID 7 – BP-Bonita-Oleum Corp (former retail gasoline station with unresolved contamination issues): Soil and/or groundwater analytical testing may include TRPH by the Florida PRO Method, BTEX/MTBE by EPA Method 8260, and PAHs by EPA Method 8270. Organic Vapor Analyzer screening is also recommended.

- Map ID 8 – 7-Eleven Store #40327 / Apex Station (active gasoline station with three reported discharges): Soil and/or groundwater analytical testing may include TRPH by the Florida PRO Method, BTEX/MTBE by EPA Method 8260, and PAHs by EPA Method 8270. Organic Vapor Analyzer screening is also recommended.

- Once final design plans are available, additional review is recommended in consideration of dewatering operations that may be necessary under the *National Pollutant Discharge Elimination System Generic Permit for Stormwater Discharges from Large and Small Construction Activities*. Verification testing may be warranted for contamination issues within 500 feet of the dewatering area.

APPENDIX A CONTAMINATION SITE MAP



Contamination Site Map

US 41 and Bonita Beach Road PD&E Study

District One - Lee County, Florida
Tierra Project No.: 6511-19-135E

University of South Florida, County of Collier, County of Lee, FL, FDEP, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Lee County, FL, State of Florida, Maxar

LEGEND

- MAINLINE CORRIDOR
- PARCEL LINES
- SITE NO. NO/LOW RATED SITES
- SITE NO. MEDIUM/HIGH RATED SITES

APPENDIX B AERIAL PHOTOGRAPHS

Historical Aerial Photograph Report

Subject Property:

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Prepared For:

Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Prepared By:

Environmental Data Management, Inc.
2840 West Bay Drive, Suite 208
Belleair Bluffs, Florida 33770

September 6, 2023

Environmental Data Management, Inc.
2840 West Bay Drive, Suite 208
Belleair Bluffs, Florida 33770
(727) 586-1700
http://www.edm-net.com

September 6, 2023

Collin Duncan
Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Subject: **Historical Aerial Photos-- EDM Project #: 26654**
Client Project# 444321-1-22-01

Dear Mr. Duncan:

Thank you for choosing Environmental Data Management, Inc. The following report contains a series of Historical Aerial Photographic images for the following location:

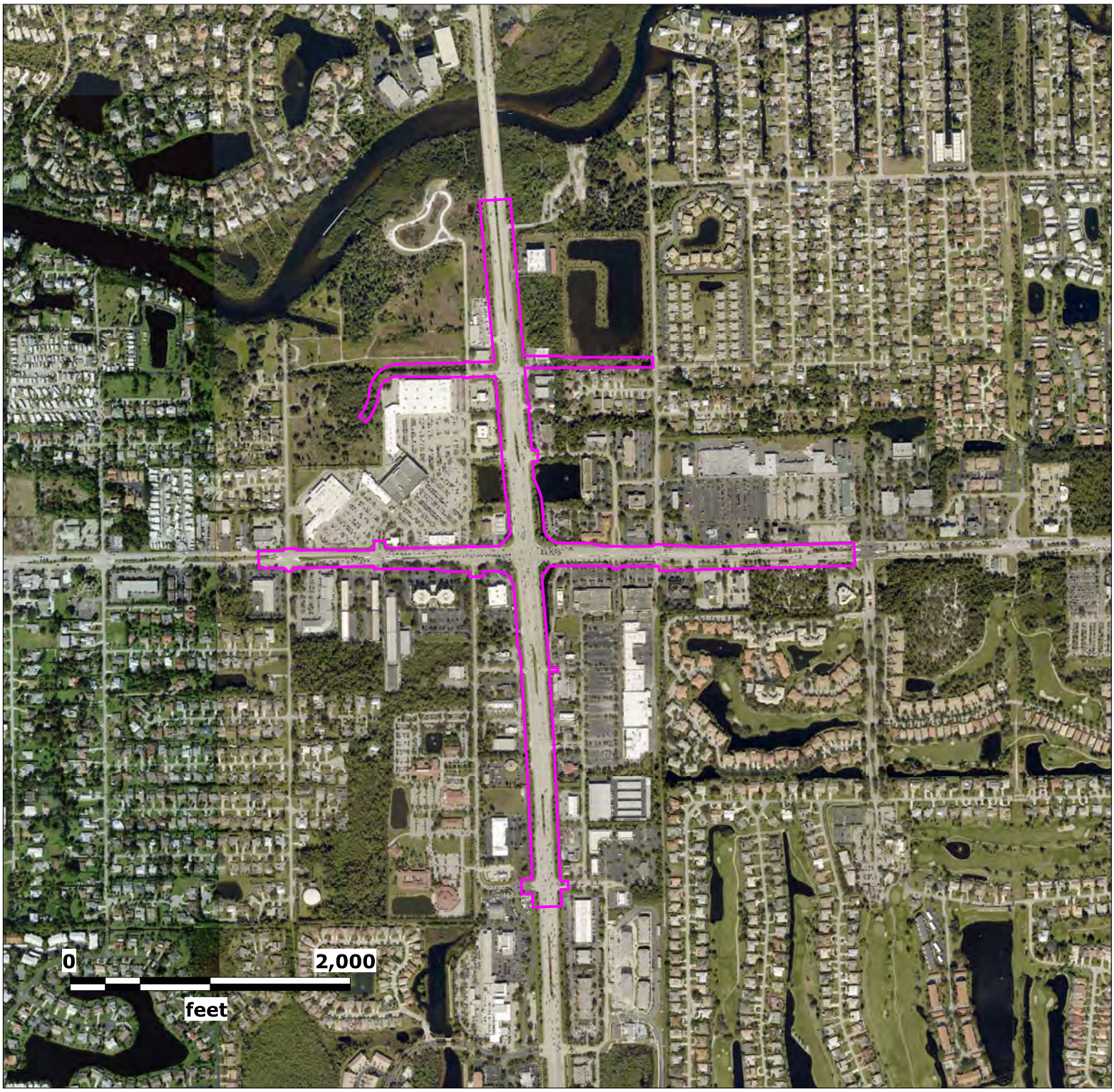
U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

These images were selected to provide you with an aerial photographic record of this location at approximate ten year intervals and/or one photograph per decade, where available.

Should you have any questions regarding this report or our service, please feel free to contact us. We appreciate the opportunity to be of service to you and look forward to working with you in the future.

ENVIRONMENTAL DATA MANAGEMENT, INC.

Aerial Photo Image
2020



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

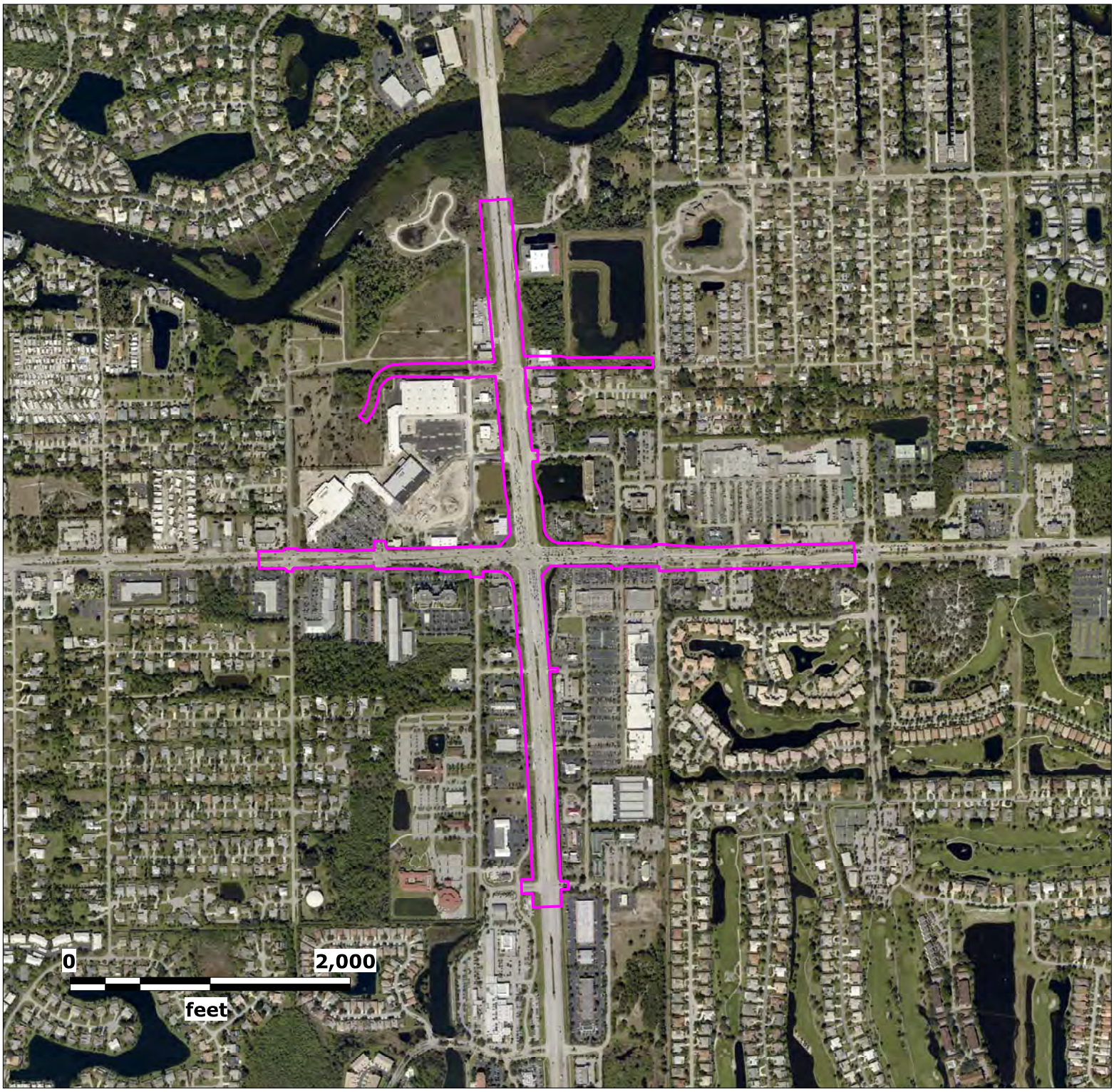
Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Aerial Photo Image
2014



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

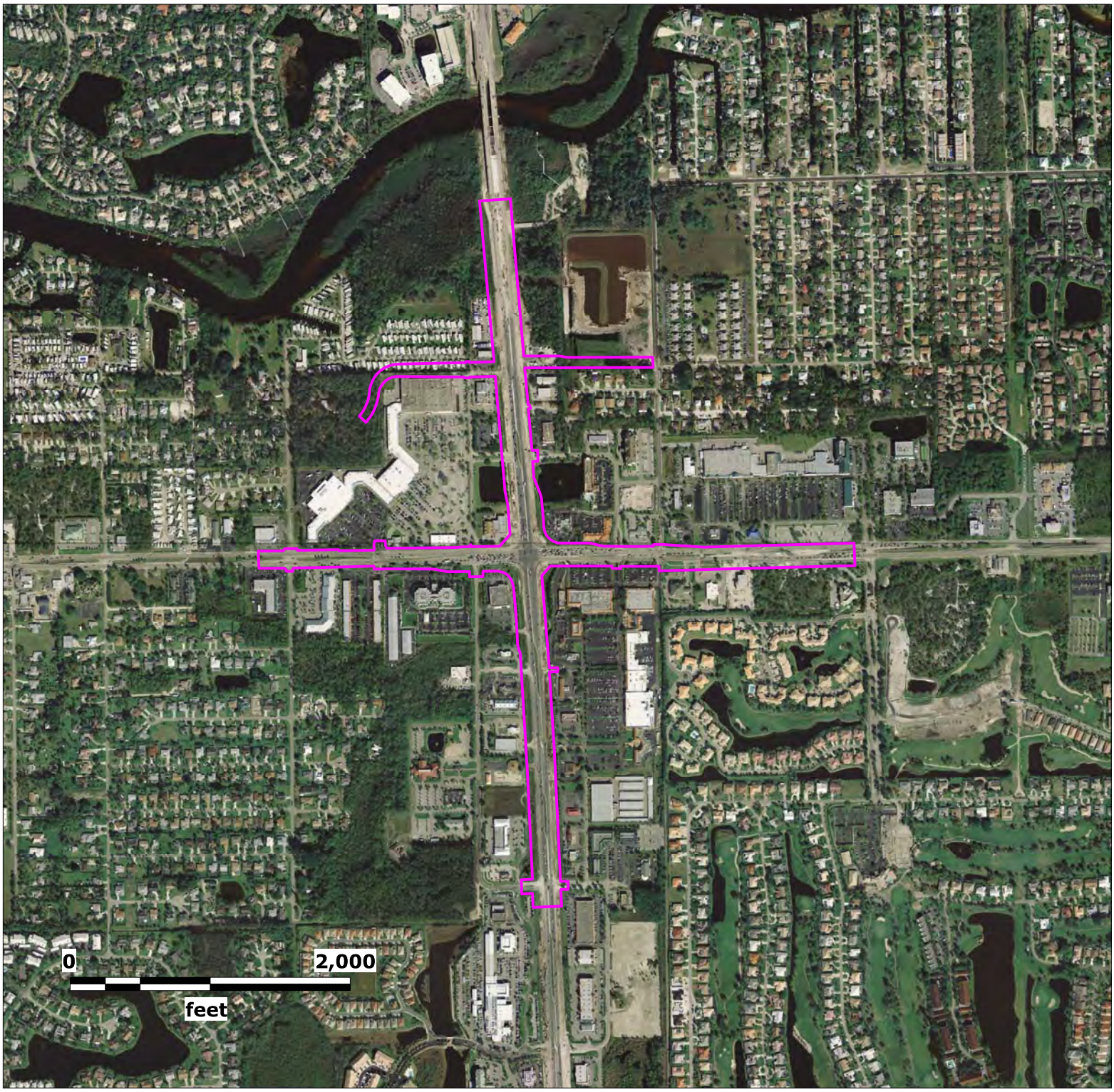
Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Aerial Photo Image
2005



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Approximate Site Location

Subject Property

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Aerial Photo Image
1996

Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

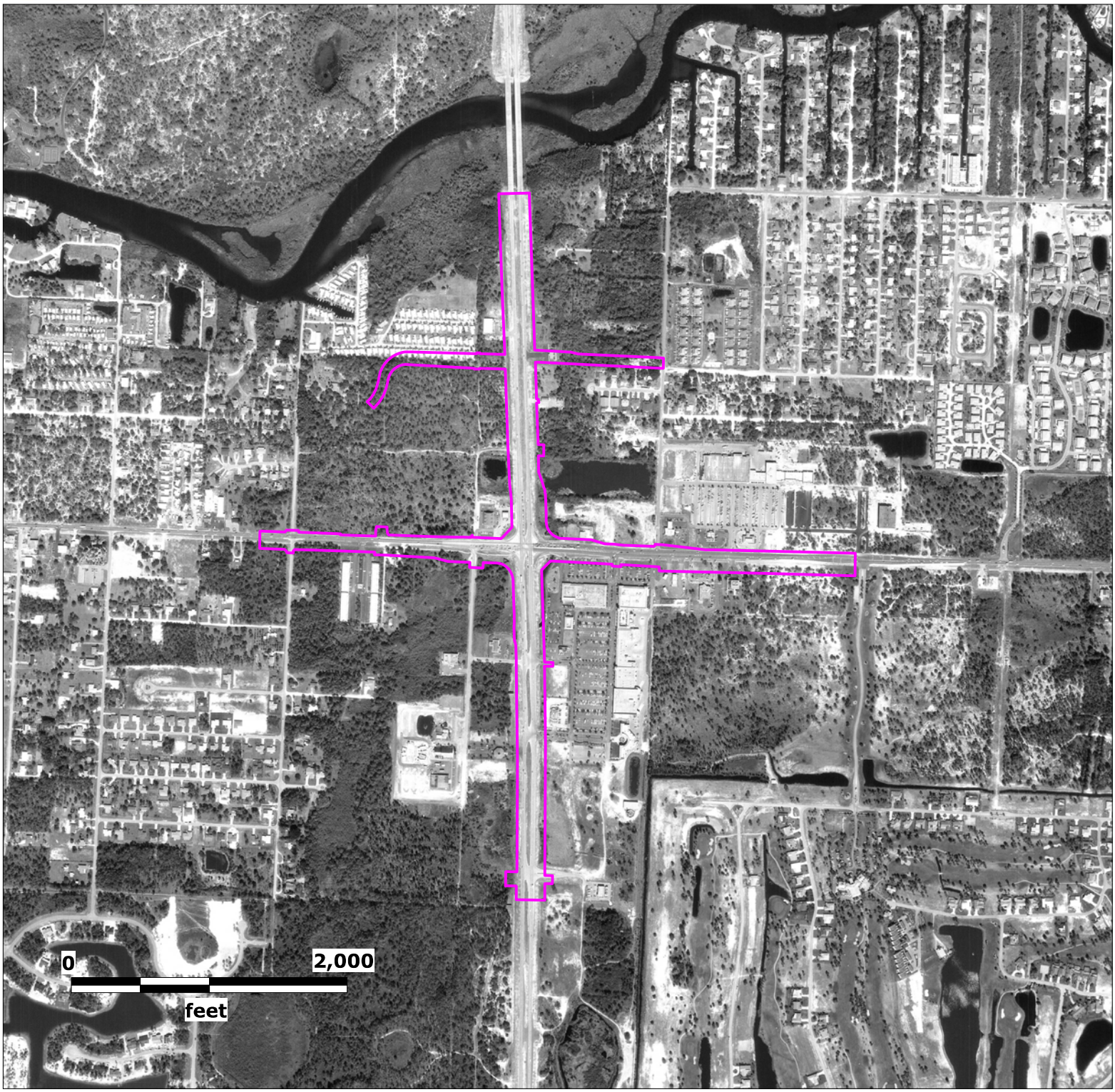
Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Aerial Photo Image
1986



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

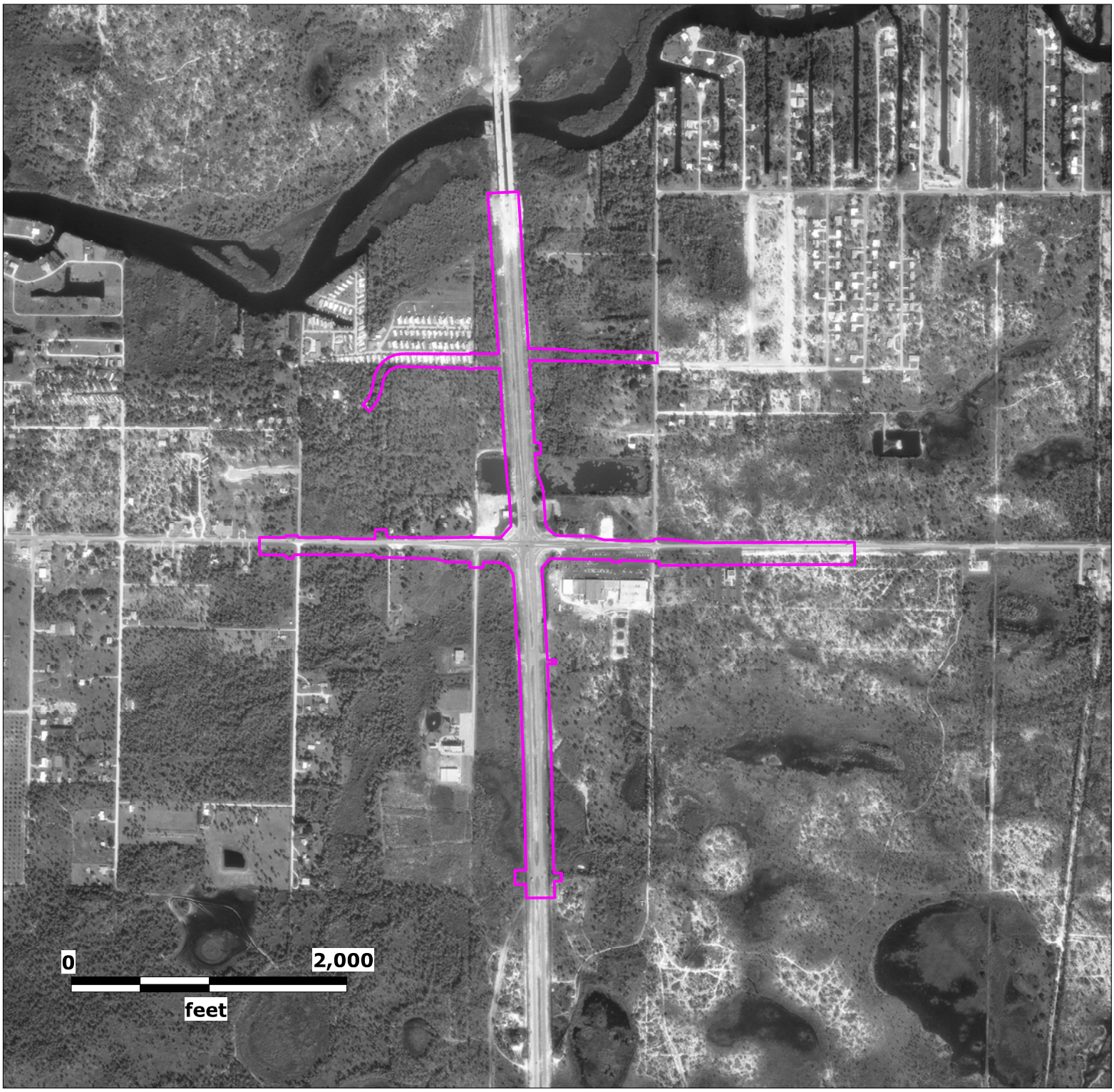
Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Aerial Photo Image
1975



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

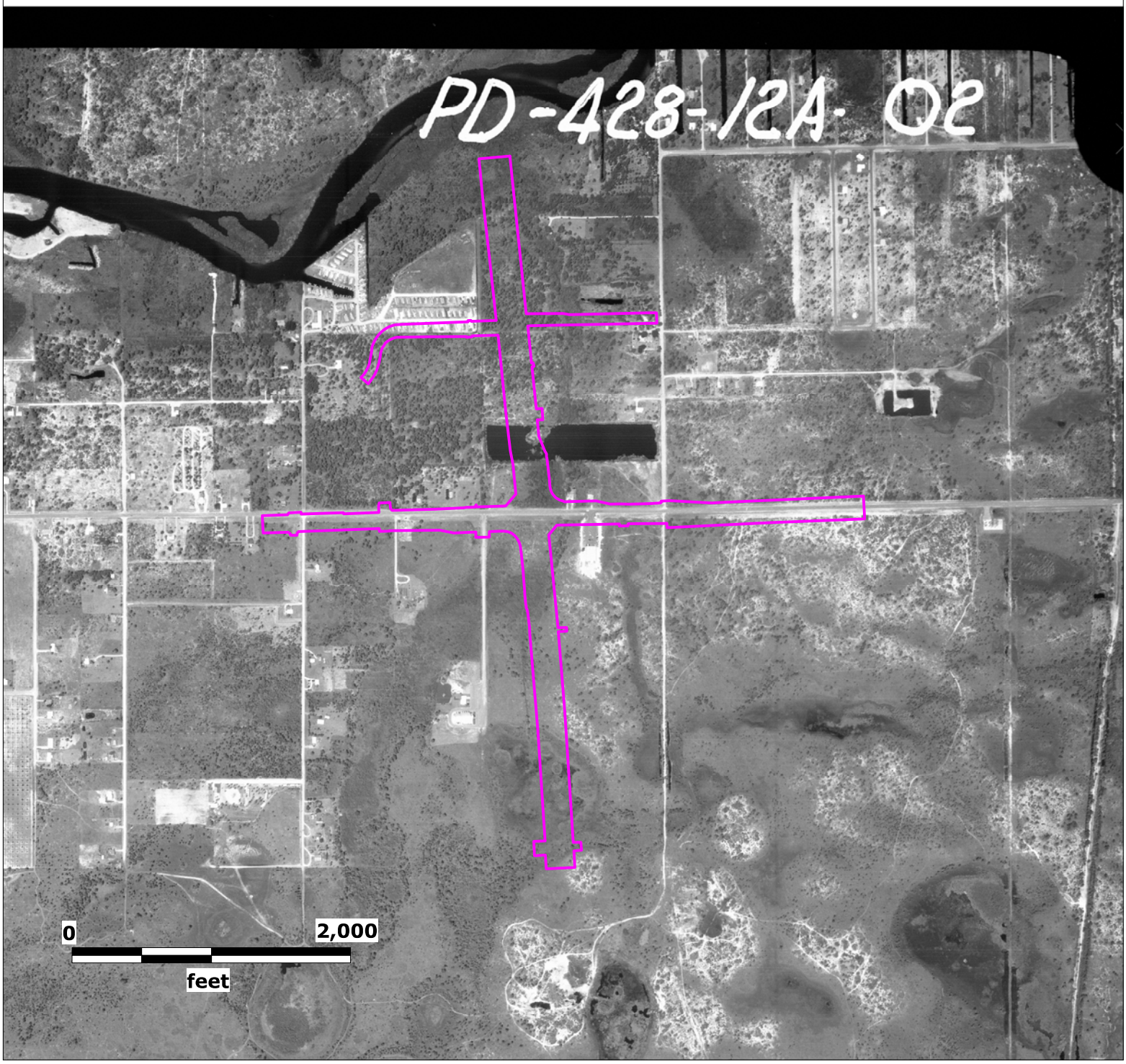
Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Aerial Photo Image
1968



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Approximate Site Location

Aerial Photo Image
1958

Source: University of Florida

Map Scale and Property Boundaries are Approximate

Subject Property

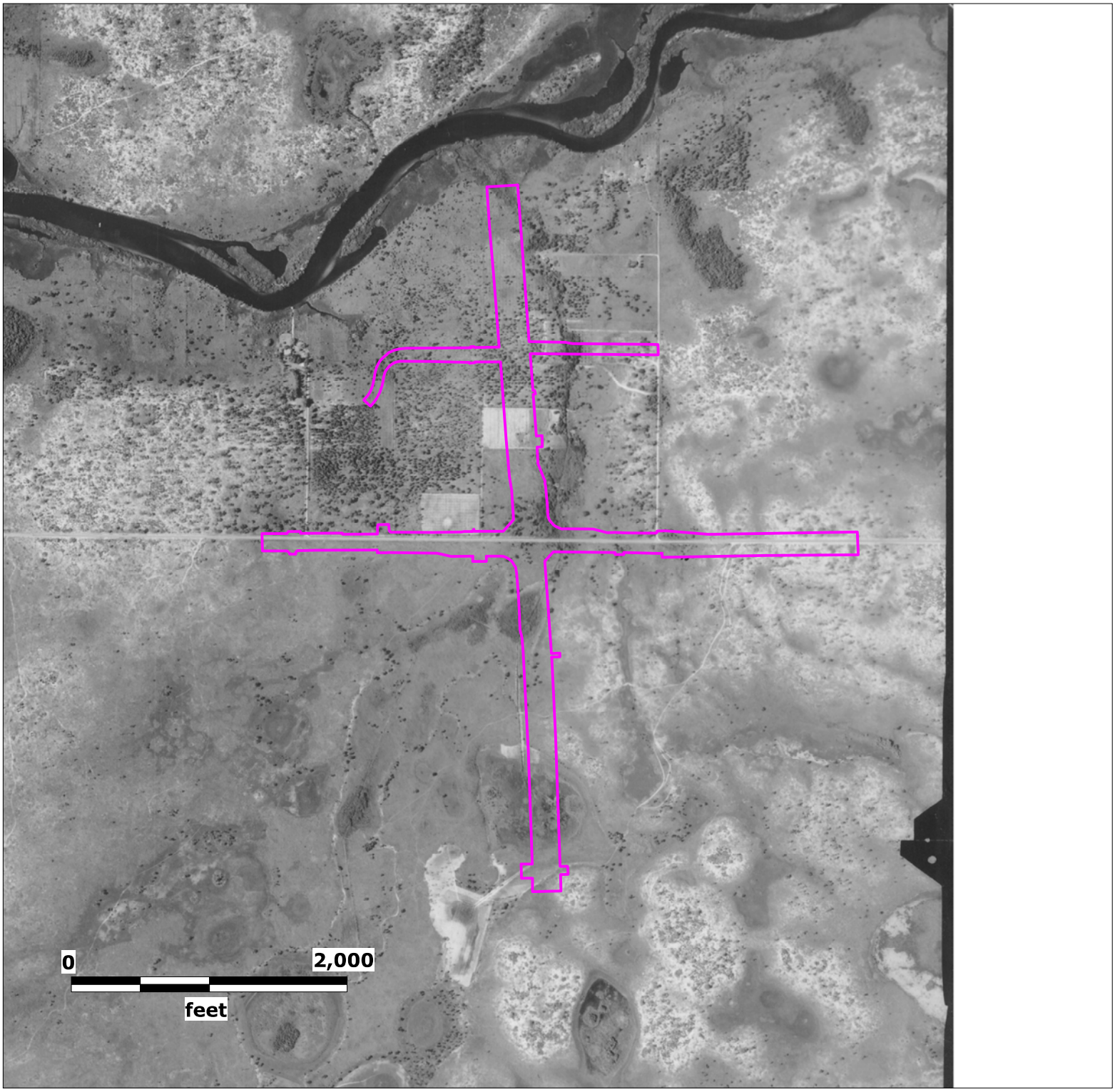
Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Aerial Photo Image
1944



Source: University of Florida

Map Scale and Property Boundaries are Approximate

Subject Property

Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

APPENDIX C TOPOGRAPHIC MAPS

Historical Topographic Map Report

Subject Property:

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida
Bonita Springs Quadrangle

Prepared For:

Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Prepared By:

Environmental Data Management, Inc.
2840 West Bay Drive, Suite 208
Belleair Bluffs, Florida 33770

September 5, 2023

Environmental Data Management, Inc.
2840 West Bay Drive, Suite 208
Belleair Bluffs, Florida 33770
(727) 586-1700
http://www.edm-net.com

September 5, 2023

Collin Duncan
Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Subject: **Historical Topographic Maps-- EDM Project #: 26654**
Client Project #: 444321-1-22-01

Dear Mr. Duncan:

Thank you for choosing Environmental Data Management, Inc. The following report contains a series of Historical Topographic Maps for the following location:

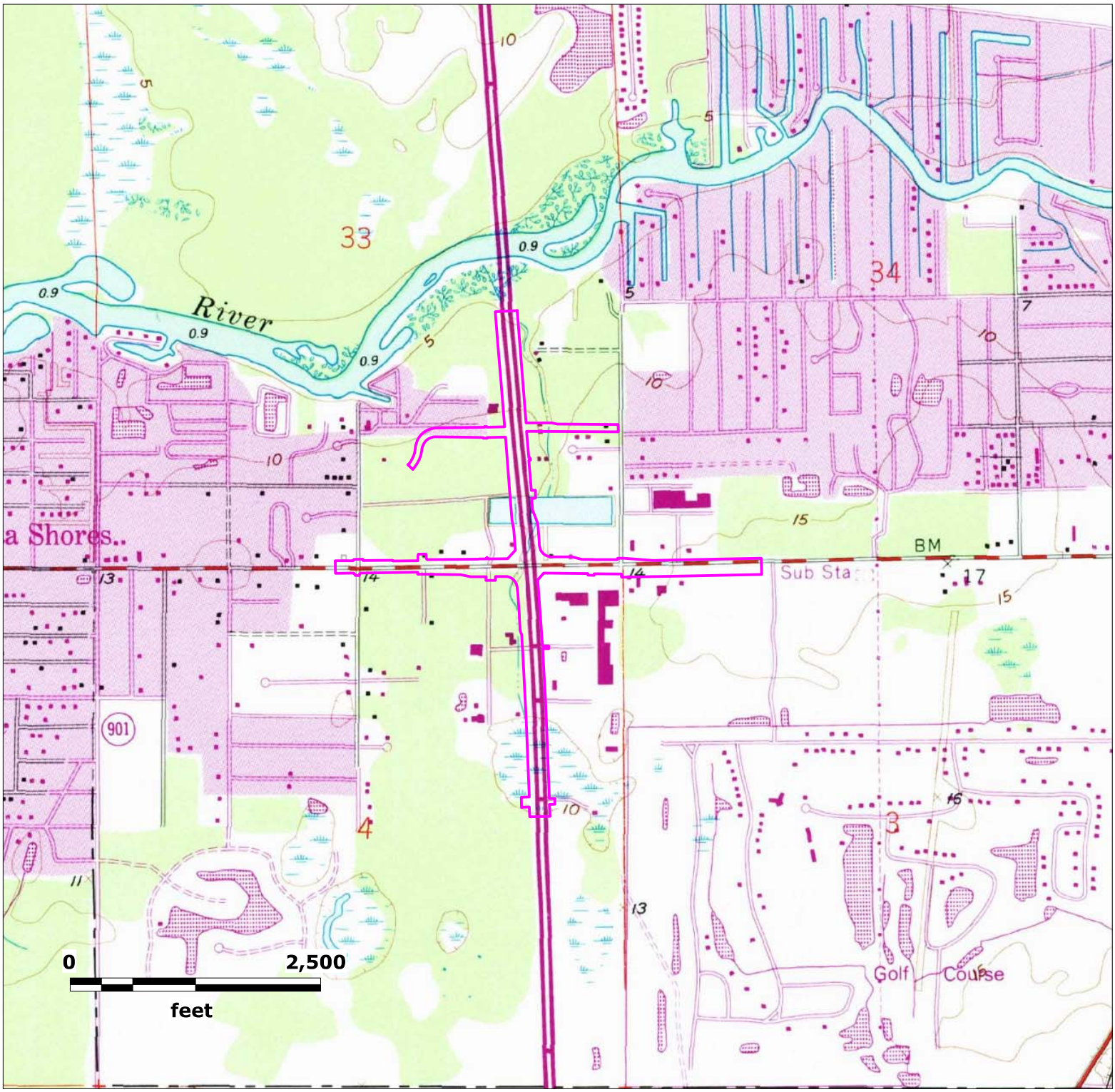
U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida
Bonita Springs Quadrangle

These maps were obtained from the digital map collections of the US Geological Survey. Only 7.5 Minute Series maps were selected for this report.

Should you have any questions regarding this report or our service, please feel free to contact us. We appreciate the opportunity to be of service to you and look forward to working with you in the future.

ENVIRONMENTAL DATA MANAGEMENT, INC.

Historical Topographic Map
Bonita Springs 1991



Source: USGS Historical Topographic Map Collection

Map Scale and Property Boundaries are Approximate

Subject Property

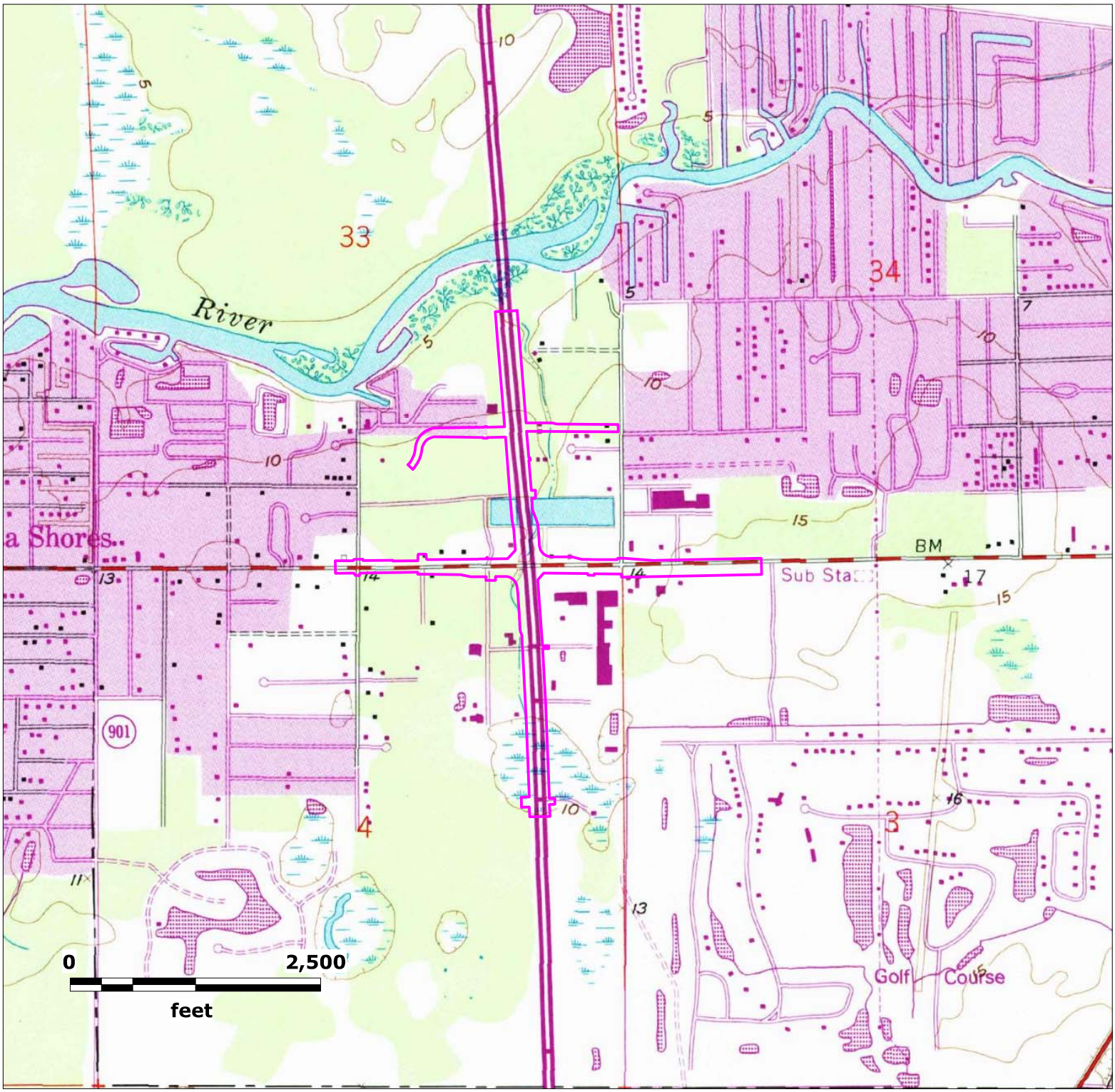
Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Historical Topographic Map
Bonita Springs 1987



Source: USGS Historical Topographic Map Collection

Map Scale and Property Boundaries are Approximate

Subject Property

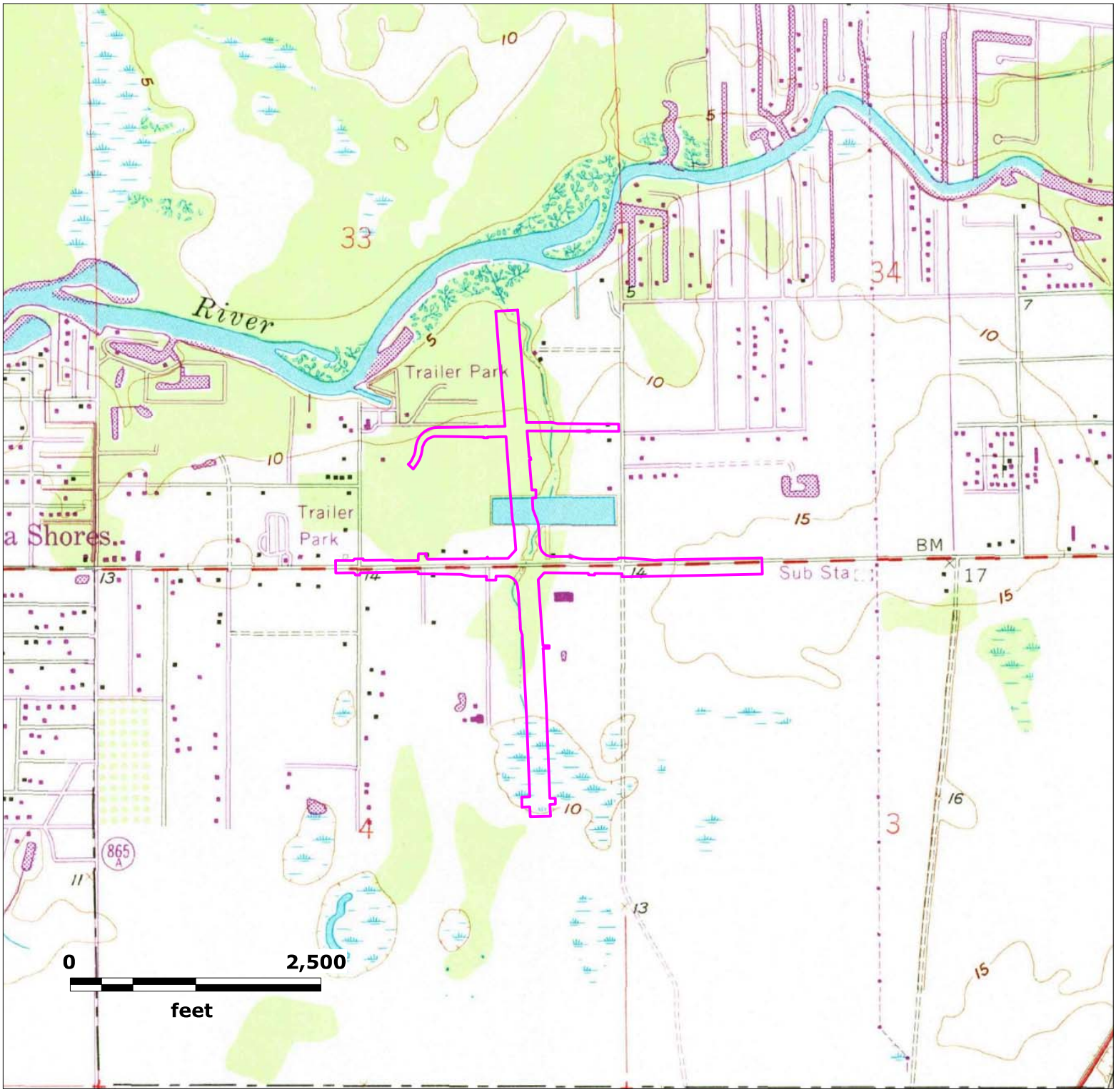
U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Approximate Site Location

Historical Topographic Map
Bonita Springs 1972



Source: USGS Historical Topographic Map Collection

Map Scale and Property Boundaries are Approximate

Subject Property

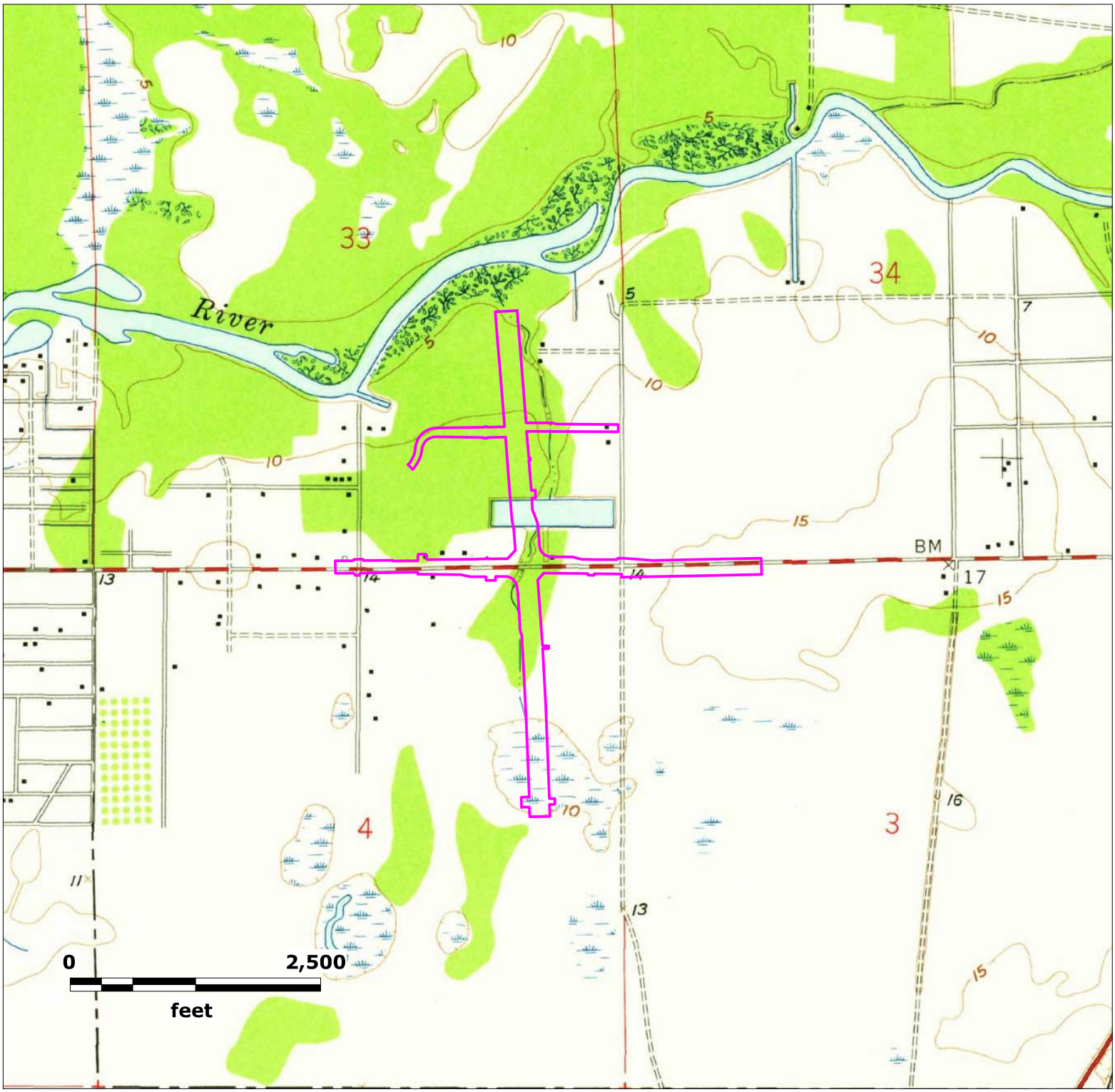
Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

Historical Topographic Map
Bonita Springs 1958



Source: USGS Historical Topographic Map Collection

Map Scale and Property Boundaries are Approximate

Subject Property

Approximate Site Location

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 5, 2023

APPENDIX D EDM REPORT

Environmental Data Report

Custom Radius Research

Subject Property:

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Prepared For:

Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Prepared By:

Environmental Data Management, Inc.
2840 West Bay Drive, Suite 208
Belleair Bluffs, Florida 33770

September 07, 2023

Environmental Data Management, Inc.
2840 West Bay Drive, Suite 208
Belleair Bluffs, Florida
33770
Tel. (727) 586-1700
http://www.edm-net.com

September 07, 2023

Collin Duncan
Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Subject: **Custom Radius Research - EDM Project #26654**

Dear Mr. Duncan

Thank you for choosing Environmental Data Management, Inc. The following report provides the results of our environmental data research that you requested for the following location:

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

The following is a summary of the components contained within this report:

- **Executive Summary** –lists the databases that were searched for this report, the search distance criteria and the number of sites identified for each database.
- **Map of Study Area**– street map showing the location of the Subject Property and any regulatory listed sites identified within the search criteria.
- **Site Summary Table** –displays the Map ID number, Permit or Registration number, Name/Address and the Government Database(s) for the identified regulatory listed sites.
- **Detail Reports** – data detail for each database record identified.
- **Proximal Records Table** – a listing of potentially relevant sites identified just beyond the search criteria.
- **Non-Mapped Records Table** - lists those government records that do not contain sufficient address information to plot within our GIS system, but may still exist within your study area.
- **Addl Maps (where applicable)** – includes Recent Aerial Photo, USGS Topographic maps, FEMA Floodplain & NWI Wetland Map, map of statewide American Indian Lands and our Environmental Impact Areas map, showing the location of suspect sites such as NPL/STNPL, Brownfields, FUDS, etc.... Our Florida well data report is also include with the Standard and Comprehensive formats.
- **Agency List Descriptions –** defines the regulatory databases included in this report along with the dates that each database was last updated by the respective agency and EDM.

At EDM we take great pride in our work, and continually strive to provide you with the most accurate and thorough research service available. This report is only intended as a means to assist in identifying locations that may pose an environmental concern relative to the property under evaluation. Its use is not intended to replace the need for a complete environmental assessment or regulatory file review, but rather as a supplement to the overall evaluation.

Thank you again for selecting EDM as your data research provider. Should you have any questions regarding this report or our service, please feel free to contact us. We appreciate the opportunity to be of service to you and look forward to working with you in the future.

ENVIRONMENTAL DATA MANAGEMENT, INC.

Executive Summary

Report Date: 9/7/2023

Client Information	Project Information
Tierra Inc 7351 Temple Terrace Hwy Tampa, FL 33637 Client Job No: 444321-1-22-01 Client P.O. No:	Custom Radius Research U.S 41 & Bonita Beach Road PD&E Study Lee County, Florida EDM Job No# 26654

The following table displays the databases that were included in the research provided and the number of records identified for each database. Site distance values indicated in this report are measured from the boundary of the Subject Property. The absence of records in this table and the Site Summary Tables indicates that our research found no regulated sites within the specified search distances from the Subject Property.

AGENCY DATABASES RESEARCHED	Total # Found
EPA DATABASES	
National Priorities List(NPL)	0
SEMS Active Site Inventory List(SEMSACTV)	0
Comp Env Resp, Compensation & Liability Info Sys List(CERCLIS)	0
SEMS Archived Site Inventory List(SEMSARCH)	0
Archived Cerclis Sites(NFRAP)	0
RCRIS Handlers with Corrective Action(CORRACTS)	0
Tribal Tanks List(TRIBLTANKS)	0
Tribal Lust List(TRIBLLUST)	0
Brownfields Management System(USBRWNFLDS)	0
Institutional and/or Engineering Controls(USINSTENG)	0
NPL Liens List(NPLLIENS)	0
RCRA-Treatment, Storage and/or Disposal Sites(TSD)	0

*** Disclaimer ***
Please understand that the regulatory databases we utilize were not originally intended for our use, but rather for the source agency's internal tracking of sites for which they have jurisdiction or other interest. As a result of this difference in intended use, their data is frequently found to be incomplete or inaccurate, and is less than ideal for our use. Our report is not to be relied upon for any purpose other than to "point" at approximate locations where further evaluation may be warranted. No conclusion can be based solely upon our report. Rather, our report should be used as a first step in directing your attention at potential problem areas, which should be followed up by site inspections, interviews with relevant personnel, regulatory file review and other means as specified in the ASTM Standard E 1527-13. Readers proceed at their own risk in relying upon this data, in whole or in part, for use within any evaluation. More detailed language with regard to such limitations and our Terms and Conditions may be found on our website at edm-net.com.

EDM

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For further information please contact us at 727-586-1700
Use of this information is strictly limited by EDM's authorization agreement, acknowledged by our clients for each report.

AGENCY DATABASES RESEARCHED	Total # Found
FDEP DATABASES	
State NPL Equivalent(STNPL)	0
State CERCLIS/SEMS Equivalent(STCERC)	5
Solid Waste Facilities List_Landfills(SLDWST_LF)	0
Leaking Underground Storage Tanks List(LUST)	5
Underground/Aboveground Storage Tanks(TANKS)	14
State Designated Brownfields(BRWNFLDS)	0
Voluntary Cleanup List(VOLCLNUP)	2
Institutional and/or Engineering Controls(INSTENG)	1
Dry Cleaners List(DRY)	4

*** Disclaimer ***
Please understand that the regulatory databases we utilize were not originally intended for our use, but rather for the source agency's internal tracking of sites for which they have jurisdiction or other interest. As a result of this difference in intended use, their data is frequently found to be incomplete or inaccurate, and is less than ideal for our use. Our report is not to be relied upon for any purpose other than to "point" at approximate locations where further evaluation may be warranted. No conclusion can be based solely upon our report. Rather, our report should be used as a first step in directing your attention at potential problem areas, which should be followed up by site inspections, interviews with relevant personnel, regulatory file review and other means as specified in the ASTM Standard E 1527-13. Readers proceed at their own risk in relying upon this data, in whole or in part, for use within any evaluation. More detailed language with regard to such limitations and our Terms and Conditions may be found on our website at edm-net.com.

EDM

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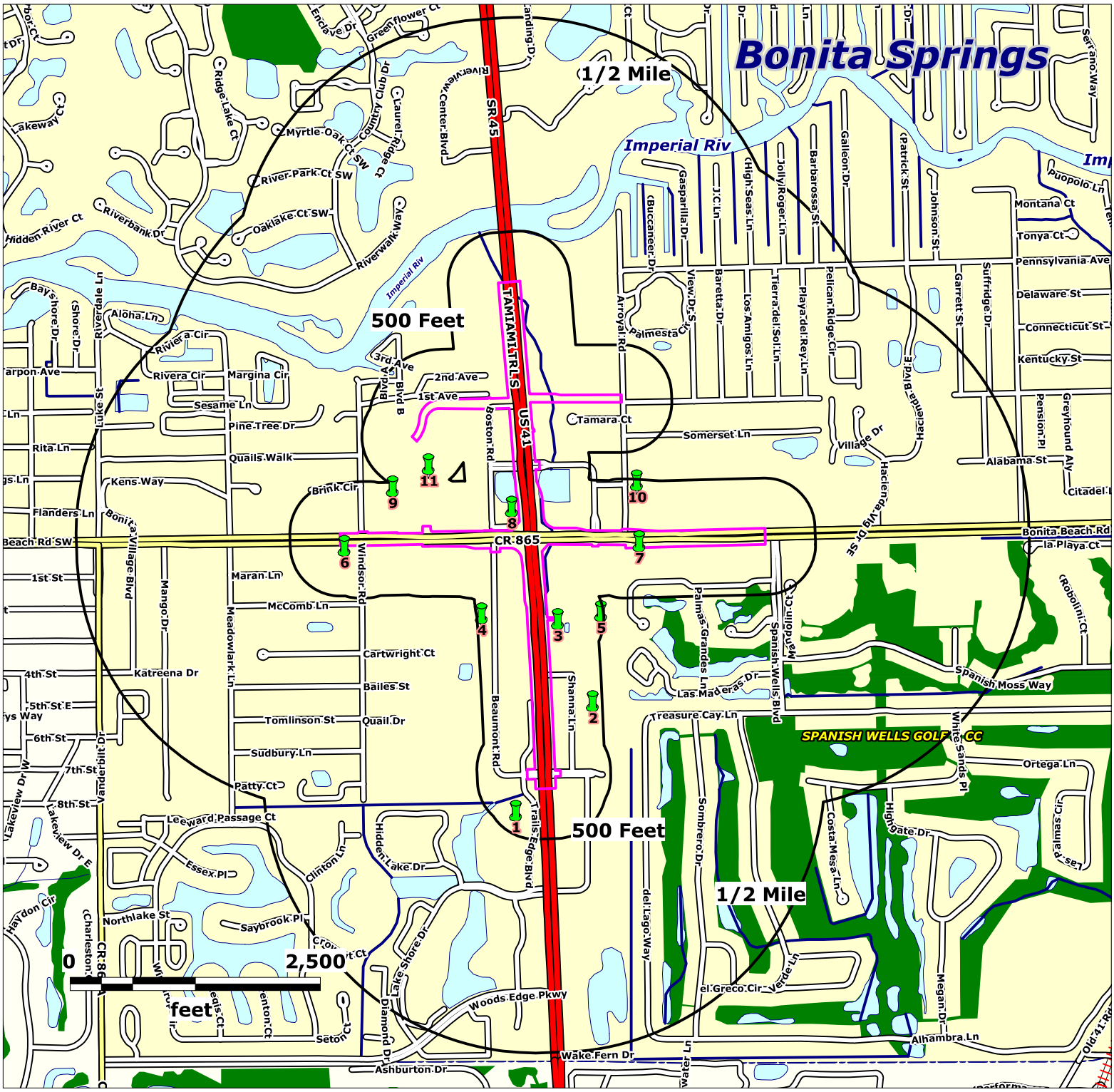
For further information please contact us at 727-586-1700
Use of this information is strictly limited by EDM's authorization agreement, acknowledged by our clients for each report.

Custom Radius Research Report
Street Map



Source: US Census Bureau TIGER Files

Map Scale and Property Boundaries are Approximate

Subject Property

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

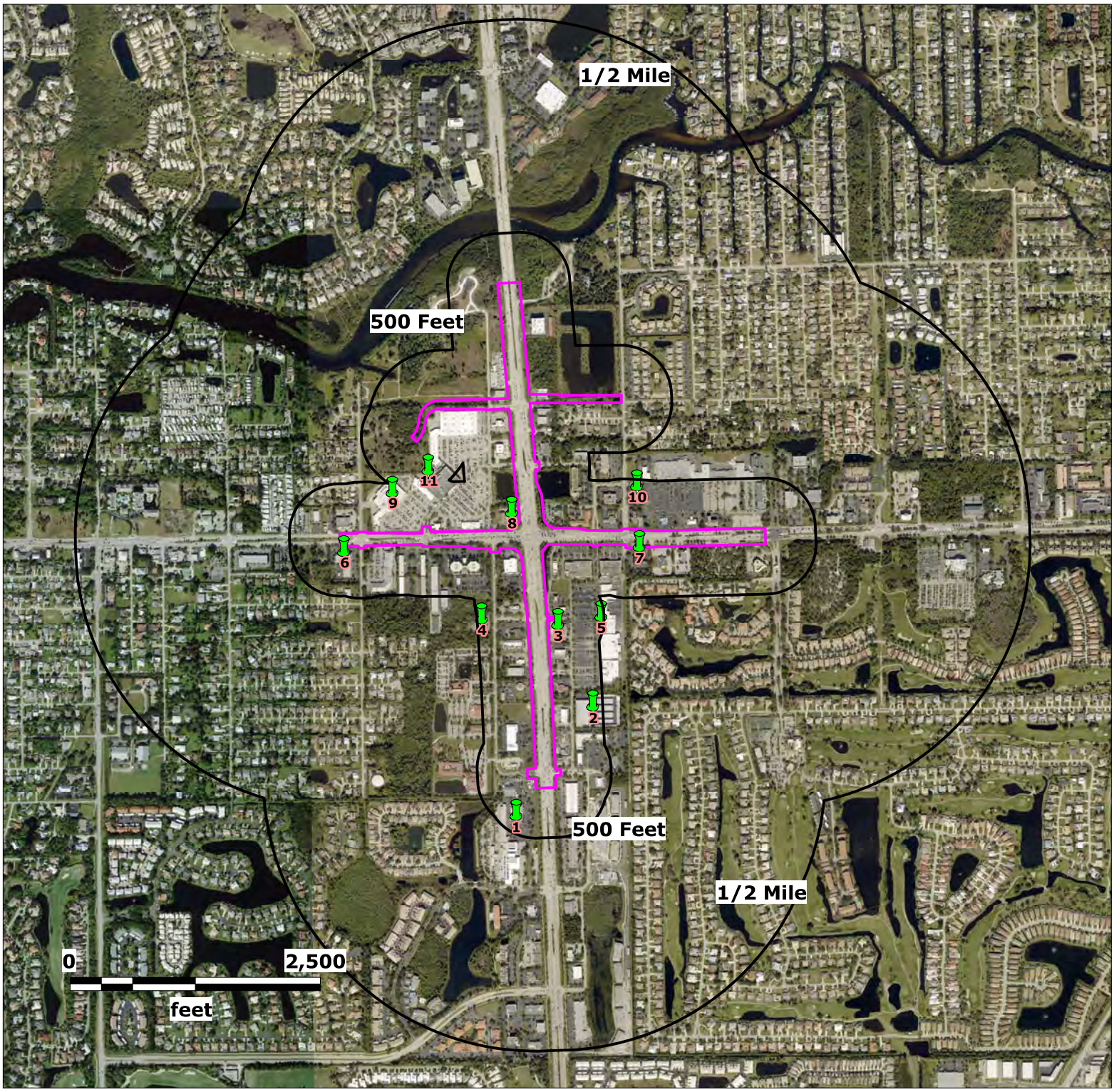
EDM Job No: 26654
September 7, 2023

Approximate Site Boundary

NPL, STNPL, CERCLIS, SEMSACTV, SEMSARCH and SLDWST_LF sites - 1/2 Mile

NPLLIENS. CORRACTS, NFRAP, TSD, STCERC, LUST, BRWNFLDS, VOLCLNUP, DRY, TANKS & INSTENG sites - 500 Feet

Custom Radius Research Report
2020 Aerial Photo



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

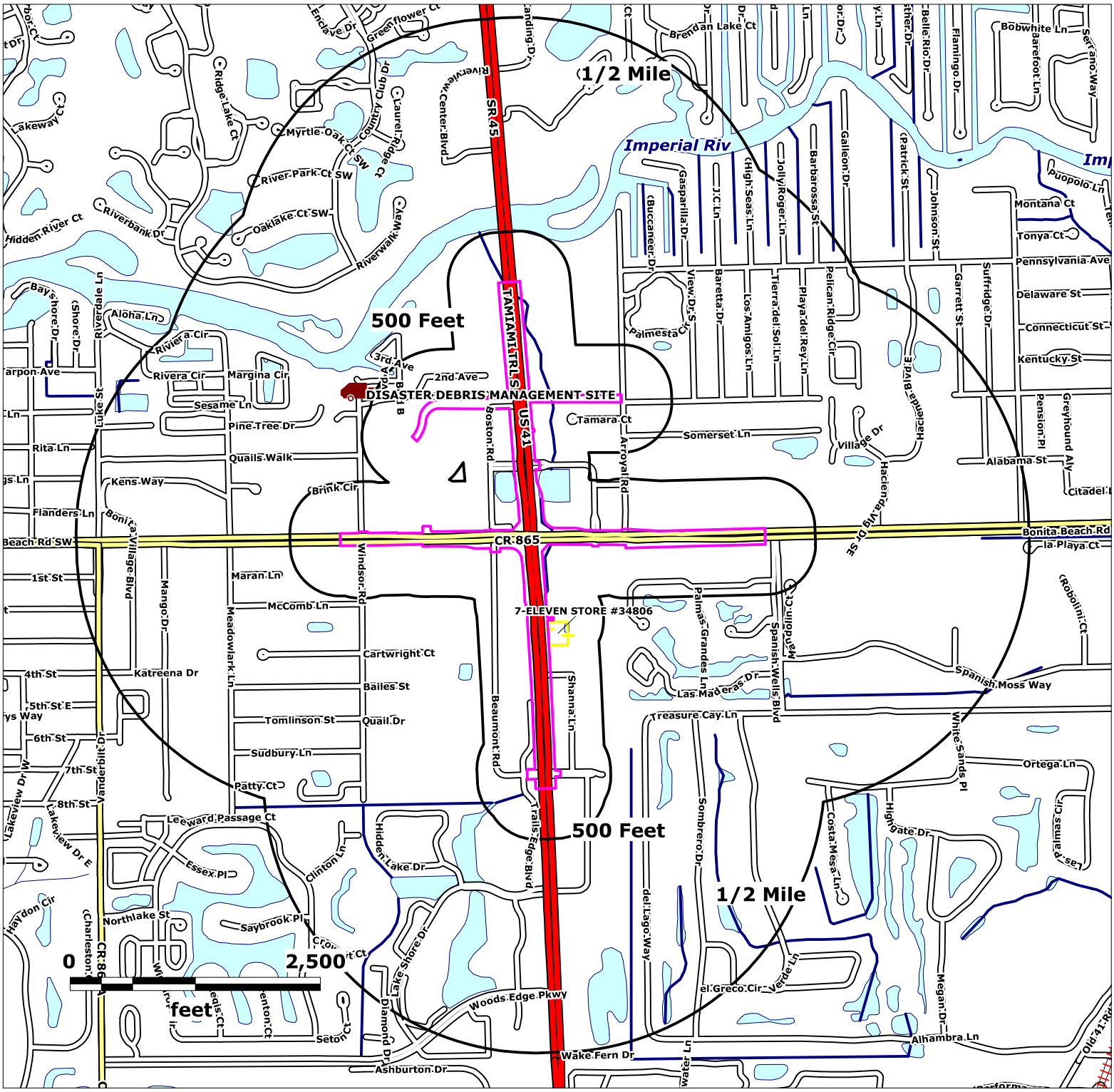
EDM Job No: 26654
September 7, 2023

Approximate Site Boundary

NPL, STNPL, CERCLIS, SEMSACTV, SEMSARCH and SLDWST_LF sites - 1/2 Mile

NPLLIENS. CORRACTS, NFRAP, TSD, STCERC, LUST, BRWNFLDS, VOLCLNUP, DRY, TANKS & INSTENG sites - 500 Feet

Custom Radius Research Report
Environmental Impact Areas Map



Source: FDEP and USEPA Geodata

Map Scale and Property Boundaries are Approximate

Subject Property

U.S 41 & Bonita Beach Road
PD&E Study
Lee County, Florida

Lat (DMS): 26 19' 49.2348"
Lon (DMS: -81 48' 23.5476"

EDM Job No: 26654
September 7, 2023

- FDEP Brownfield Areas
- FDEP Brownfield Sites
- USEPA NPL & FDEP STNPL Sites
- FDEP Delineated GW Contamination
- Formerly Used Defense Sites FUDS
- FUDS Munitions Response Areas
- FDEP Cattle Dipping Vat
- FDEP Solid Waste Sites
- Approximate Site Boundary
- Institutional Controls

ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research

Site Summary Table

Report Date: 9/7/2023

MapID / Prgm List	Fac ID No	Site Dist (ft)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address
1						
TANKS	9800304	410	12.53	Higher	BONITA SPRINGS MITSUBISHI	28450 TRAILS EDGE BLVD BONITA SPRINGS, FL 34134
TANKS	9803805	410	12.53	Higher	DEVOE PONTIAC BUICK INFINITI VOLVO INC	28450 S TAMIAMI TRL BONITA SPRINGS, FL 34134
TANKS	9813692	410	12.53	Higher	BONITA SPRINGS INFINITI	28480 S TAMIAMI TRL BONITA SPRINGS, FL 34134
2						
LUST	9400174	400	13.15	Higher	SPRINGS PLAZA SEWER SYSTEM	28239 S US 41 BONITA SPRINGS, FL 33923
TANKS	9400174	400	13.15	Higher	SPRINGS PLAZA SEWER SYSTEM	28239 S US 41 BONITA SPRINGS, FL 33923
3						
INSTENG	2032	96	12.20	Higher	7-ELEVEN STORE #34806	28175 S Tamiami Trl Bonita Springs, FL 34134
LUST	8944111	96	12.20	Higher	7-ELEVEN STORE #34806	28175 TAMIAMI TRL BONITA SPRINGS, FL 339233204
STCERC	8944111	96	12.20	Higher	7-ELEVEN STORE #34806	28175 TAMIAMI TRL BONITA SPRINGS, FL 339233204
TANKS	8944111	96	12.20	Higher	7-ELEVEN STORE #34806	28175 TAMIAMI TRL BONITA SPRINGS, FL 33923
4						
TANKS	9602086	463	12.06	Higher	BONITA SPRINGS CENTRAL OFF	28160 BEAUMONT RD BONITA SPRINGS, FL 33923
5						
DRY	9502316	478	12.23	Higher	SPRING FRESH DRY CLEANERS	8951 BONITA BEACH RD BONITA SPRINGS, FL 33923
STCERC	ERIC_11227	478	12.23	Higher	SPRINGS PLAZA SHOPPING CENTER (SPRING FRESH DRY CLEANERS)	8951 BONITA BEACH RD SUITE 21D BONITA SPRINGS, FL 33923
STCERC	ERIC_4849	478	12.23	Higher	Spring Fresh Cleaners Inc	8951 Bonita Beach Rd SE Bonita Springs, FL 341354202
TANKS	9502316	478	12.23	Higher	SPRING FRESH DRY CLEANERS	8951 BONITA BEACH RD BONITA SPRINGS, FL 33923
VOLCLNUP	50410	478	12.23	Higher	SPRINGS PLAZA SHOPPING CENTER (SPRING FRESH DRY CLEANERS)	8951 BONITA BEACH RD SUITE 21D BONITA SPRINGS, FL 33923
VOLCLNUP	ERIC_11227	478	12.23	Higher	SPRINGS PLAZA SHOPPING CENTER (SPRING FRESH DRY CLEANERS)	8951 BONITA BEACH RD SUITE 21D BONITA SPRINGS, FL
6						
DRY	9811287	144	12.16	Higher	MARTINIZING DRY CLEANING	3525 BONITA BEACH RD BONITA SPRINGS, FL 34134
7						
LUST	8520618	80	13.12	Higher	BP-BONITA-OLEUM CORP	9021 BONITA BEACH RD BONITA SPRINGS, FL 339234213
STCERC	8520618	80	13.12	Higher	BP-BONITA-OLEUM CORP	9021 BONITA BEACH RD BONITA SPRINGS, FL 339234213
TANKS	8520618	80	13.12	Higher	BP-BONITA-OLEUM CORP	9021 BONITA BEACH RD BONITA SPRINGS, FL 33923
8						
LUST	8518113	64	11.38	Higher	7-ELEVEN STORE #40327	27990 TAMIAMI TRL *** SEE #8840379 *** BONITA SPRINGS, FL 34134
LUST	8840379	64	11.38	Higher	APEX STATION	27990 TAMIAMI TRL *** USE #8518113 *** BONITA SPRINGS, FL 339234224
STCERC	8840379	64	11.38	Higher	APEX STATION	27990 TAMIAMI TRL *** USE #8518113 *** BONITA SPRINGS, FL 339234224
TANKS	8518113	64	11.38	Higher	7-ELEVEN STORE #40327	27990 TAMIAMI TRL BONITA SPRINGS, FL 34134
TANKS	8840379	64	11.38	Higher	APEX STATION	27990 TAMIAMI TRL BONITA SPRINGS, FL 33923
9						
TANKS	9808472	319	11.74	Higher	PUBLIX SUPER MARKET #365	3306 BONITA BCH RD BONITA SPRINGS, FL 34134
TANKS	9814048	319	11.74	Higher	PUBLIX SUPER MARKET #1449	3304 BONITA BEACH RD BONITA SPRINGS, FL 34141
10						
DRY	9801967	348	14.87	Higher	SUNSHINE DRY CLEANERS	9048 BONITA BEACH RD BONITA SPRINGS, FL 33923
TANKS	9801967	348	14.87	Higher	SUNSHINE DRY CLEANERS	9048 BONITA BEACH RD BONITA SPRINGS, FL 33923
11						
DRY	9503050	390	9.99	Higher	PRESTIGE CLEANERS	3300 BONITA BCH RD #107 BONITA SPRINGS, FL 34134
TANKS	9503050	390	9.99	Higher	PRESTIGE CLEANERS	3300 BONITA BEACH RD #107 BONITA SPRINGS, FL 34134

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FDEP STORAGE TANKS REPORT

Report Date: 9/7/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9800304
BONITA SPRINGS MITSUBISHI
28450 TRAILS EDGE BLVD
BONITA SPRINGS, FL 34134

OWNERSHIP INFORMATION

THE SEMINOLE TRIBE OF FL I
3170 HORSESHOE DR S ATTN: STORA
NAPLES, FL 34104
CONTACT: CAROL BEGELMAN/2392624124
SITE COUNTY: 36 LEE
SITE LAT/LON (AGCY): 26 19 23 / 81 48 25

MAP ID NUMBER: 1
Dist (FEET): 410.00
Direction:
Elev (Ft): 12.53
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: OPEN **FAC TYPE:** Fuel user/Non-retail

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	2000	01-Feb-1998	Unleaded Gas	ABOVEGROUND	REMOVED FROM SITE 21-Jul-2011

CONSTRUCTION TYPE: CKOP STEEL/AST CONTAINMENT/TIGHT FILL/LEVEL GAUGES/ALARMS
PIPING TYPE: ABDI ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL/EXTERNAL PROTECTIVE COATING/SUCTION PIPING SYSTEM
LEAK MONITORING: 46Q VISUAL INSPECT DISPENSER LINERS/EXTERNAL PIPING MONITORING/VISUAL INSPECTION OF ASTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	1000	01-Jun-1998	Waste Oil	ABOVEGROUND	DELETED 24-Apr-2001

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	1000	01-Jun-1998	New/Lube Oil	ABOVEGROUND	DELETED 24-Apr-2001

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	1000		Waste Oil	ABOVEGROUND	DELETED 24-Apr-2001

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
5	1000	01-Nov-1998	New/Lube Oil	ABOVEGROUND	DELETED 24-Apr-2001

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
6	10000	01-Jul-2011	Unleaded Gas	ABOVEGROUND	IN SERVICE 01-Jul-2011

CONSTRUCTION TYPE: CILMNOP STEEL/DOUBLE WALL/COMPARTMENTED/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/LEVEL GAUGES/ALARMS
PIPING TYPE: ABD ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL/EXTERNAL PROTECTIVE COATING
LEAK MONITORING: 6FQ EXTERNAL PIPING MONITORING/MONITOR DBL WALL TANK SPACE/VISUAL INSPECTION OF ASTS

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FDEP STORAGE TANKS REPORT

(TANKS)

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
7	10000	01-Jul-2011	Unleaded Gas	ABOVEGROUND	DELETED 16-Aug-2011

CONSTRUCTION TYPE:

PIPING TYPE:

LEAK MONITORING:

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FDEP STORAGE TANKS REPORT

FACILITY ID NUMBER, NAME AND LOCATION

9803805
DEVOE PONTIAC BUICK INFINITI VOLVO INC
28450 S TAMIAMI TRL
BONITA SPRINGS, FL 34134

OWNERSHIP INFORMATION

DEVOE PONTIAC BUICK GMC IN
4100 TAMIAMI TRAIL NORTH ATTN:
NAPLES, FL 34103
CONTACT: DON DEVOE/9419487770

SITE COUNTY: 36 LEE
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 1
Dist (FEET): 410.00
Direction:
Elev (Ft): 12.53
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: OPEN **FAC TYPE:** Fuel user/Non-retail

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	1000	01-Jun-1998	Waste Oil	ABOVEGROUND	REMOVED FROM SITE 24-Dec-2009

CONSTRUCTION TYPE: CK STEEL/AST CONTAINMENT
PIPING TYPE: BN STEEL/GALVANIZED METAL/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: 6Q EXTERNAL PIPING MONITORING/VISUAL INSPECTION OF ASTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	1000	01-Jun-1998	New/Lube Oil	ABOVEGROUND	REMOVED FROM SITE 24-Dec-2009

CONSTRUCTION TYPE: CK STEEL/AST CONTAINMENT
PIPING TYPE: BN STEEL/GALVANIZED METAL/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: 6Q EXTERNAL PIPING MONITORING/VISUAL INSPECTION OF ASTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	1000	01-Nov-1998	Waste Oil	ABOVEGROUND	IN SERVICE 01-Aug-2012

CONSTRUCTION TYPE: CK STEEL/AST CONTAINMENT
PIPING TYPE: ABDN ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL/EXTERNAL PROTECTIVE COATING/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: 6Q EXTERNAL PIPING MONITORING/VISUAL INSPECTION OF ASTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	1000	01-Nov-1998	New/Lube Oil	ABOVEGROUND	IN SERVICE 01-Aug-2012

CONSTRUCTION TYPE: CK STEEL/AST CONTAINMENT
PIPING TYPE: ABDN ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL/EXTERNAL PROTECTIVE COATING/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: 6Q EXTERNAL PIPING MONITORING/VISUAL INSPECTION OF ASTS

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FDEP STORAGE TANKS REPORT

Report Date: 9/7/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9813692
BONITA SPRINGS INFINITI
28480 S TAMIAMI TRL
BONITA SPRINGS, FL 34134

OWNERSHIP INFORMATION

BONITA SPRINGS INFINITI
28480 S TAMIAMI TRL ATTN: STORA
BONITA SPRINGS, FL 34134
CONTACT: MARK ROBINSON/8887776365

SITE COUNTY: 36 LEE
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 1
Dist (FEET): 410.00
Direction:
Elev (Ft): 12.53
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: OPEN **FAC TYPE:** Fuel user/Non-retail

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	550	01-Jul-2011	New/Lube Oil	ABOVEGROUND	IN SERVICE 01-Jul-2011

CONSTRUCTION TYPE: CIM	STEEL/DOUBLE WALL/SPILL CONTAINMENT BUCKET
PIPING TYPE: AB	ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL
LEAK MONITORING: FQ	MONITOR DBL WALL TANK SPACE/VISUAL INSPECTION OF ASTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	550	01-Jul-2011	Waste Oil	ABOVEGROUND	IN SERVICE 01-Jul-2011

CONSTRUCTION TYPE: CI	STEEL/DOUBLE WALL
PIPING TYPE: AB	ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL
LEAK MONITORING: FQ	MONITOR DBL WALL TANK SPACE/VISUAL INSPECTION OF ASTS

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

9400174
SPRINGS PLAZA SEWER SYSTEM
28239 S US 41
BONITA SPRINGS, FL 33923-

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

OWNERSHIP INFO:

ACCOUNT OWNER
FORTY ONE CORP
41 S HIGH ST
COLUMBUS, OH 43287-
(614)463-4612
COUNTY ID: 36 LEE
AGCY LAT/LON(DMS): 26,19,29.8679 81,48,14.8752
FAC OPERATOR: SPRINGS PLAZA
FAC TEL #:

MAP ID NUMBER: 2

Dist (FEET): 400.00
Direction:
Elev (Ft): 13.15
Elev vs Sub Prop: Higher

LUST

FAC STATUS: CLOSED **FAC TYPE:** C - Fuel user/Non-retail

SCORE **SCORE EFF DT:** **RANK:** **SCORE WHEN RANKED:**

DISCHARGE INFORMATION

Mapid: 2

DISCHARGE DATE: 8/19/1993

INSPECTION DATE:
CLEANUP WORK STATUS: COMPLETED
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: D - DISCHARGE NOTIFICATION
DISCH CLNUP STATUS: 8/25/1994 NFA - NFA COMPLETE
CONTAMINATED MEDIA?: **SOIL:** **SUR WATER:** **GR WATER:** **MON WELL:** **# DW WELLS CONTAMINATED:**
POLLUTANT : - **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 2

PGM ELIG OFF: -
PGM ELIG SCORE: **PGM ELIG SCORE EFF DT:** **PGM ELIG R**
ELIG STAT: NOT ELIGIBLE **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**
DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:** 0
CLNUP PROG: C - PETROLEUM CLEANUP PA **CLNUP OFF:** -

SITE ASSESSMENT*

CLNP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: -
FUND ELLIG: -
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: NFA - NO FURTHER ACTION
SUBMIT DATE: 08-25-1994
REVIEW DATE: 08-18-1994
ISSUE DATE: 08-25-1994
COMPL STATUS: A - APPROVED
COMPL STATUS DT: 08-25-1994
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

9400174
SPRINGS PLAZA SEWER SYSTEM
28239 S US 41
BONITA SPRINGS, FL 33923

OWNERSHIP INFORMATION

FORTY ONE CORP
41 S HIGH ST
COLUMBUS, OH 43287
CONTACT TEL #: 6144634612
CONTACT: FORTY ONE CORP
FACILTY TEL #:
COUNTY ID: 36 LEE

MAP ID NUMBER: 2
Dist (FEET): 400.00
Direction:
Elev (Ft): 13.15
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: CLOSED **FAC TYPE:** Fuel user/Non-retail

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	1000		Emerg Generator Diesel	UNDERGROUND	REMOVED FROM SITE 31-Aug-1993

CONSTRUCTION TYPE: FIBERGLASS
PIPING TYPE:
LEAK MONITORING: NOT REQUIRED

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FDEP SITE INVESTIGATION SECTION SITES, FDEP ERIC WASTE CLEANUP SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

FACILITY NAME AND LOCATION:

7-ELEVEN STORE #34806
28175 TAMIAMI TRL
BONITA SPRINGS, FL 33923-3204

AGENCY SITE LAT/LON:
260072.78935005
618738.94424832

MAP ID NUMBER: 3

Dist (FEET): 96.00
Direction:
Elev (Ft): 12.20
Elev vs Sub Prop: Higher

STCERC

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

SITE INVESTIGATION SECTION INFO:
SITE NO:
ALT SITE NO:
DISTRICT: SD

FDER SITES LIST INFO:
SITE NO:
LEAD UNIT:
PRJ MGR:
ATTY:
SUP UNIT:
STATUS:
STATUS DATE:

CLEANUP SITES INFO:
SRC DATA ID: 8944111
SRC DATA PGM: STCM
PGM AREA: TK
CLNP CAT: PETRO
REM STATUS: ACTIVE
COMMENTS:

ERIC WASTE CLEANUP SITES INFO:
SRC FAC ID:

ERIC ID NO:
SRC FAC NAME:

SITE NAME:
SITE STATUS:

PROGRAM:
PROGRAM STATUS:
OFFSITE COMTAM KEY:

PROGRAM TYPE:
SITE PHASE DESCR:
ICR ?:

DISCHARGE DATE:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

8944111
7-ELEVEN STORE #34806
28175 TAMIAMI TRL
BONITA SPRINGS, FL 33923-3204

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

OWNERSHIP INFO:

ACCOUNT OWNER
7-ELEVEN INC.
PO BOX 711 ATTN: MGR-FL REGION
Dallas, TX 75221-711
(407)403-2995
COUNTY ID: 36 LEE
AGCY LAT/LON(DMS): 26,19,40 81,48,18
FAC OPERATOR: CATHY WISE
FAC TEL #: (407)247-6750

MAP ID NUMBER: 3

Dist (FEET): 96.00
Direction:
Elev (Ft): 12.20
Elev vs Sub Prop: Higher

LUST

FAC STATUS: OPEN **FAC TYPE:** A - Retail Station

SCORE 6 **SCORE EFF DT:** 11/15/2005 **RANK:** 12937 **SCORE WHEN RANKED:** 6

DISCHARGE INFORMATION

Mapid: 3

DISCHARGE DATE: 12/10/1988

INSPECTION DATE:
CLEANUP WORK STATUS: COMPLETED
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: E - EDI
DISCH CLNUP STATUS: 6/22/2020 LNFA - LOW SCORE SITE INITIATIVE NO FURTHER ACTION
CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** N **GR WATER:** Y **MON WELL:** Y **# DW WELLS CONTAMINATED:** 0
POLLUTANT : Y - Unknown/Not Reported **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5
PGM ELIG SCORE: 6 **PGM ELIG SCORE EFF DT:** **PGM ELIG R**
ELIG STAT: ELIGIBLE **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**
DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:** 0
CLNUP PROG: E - EARLY DETECTION INCEN **CLNUP OFF:** PCTM5 - PETROLEUM CLEANUP TEAM 5

SITE ASSESSMENT*

CLNP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE: 10-14-1991
PAYMENT DATE: 08-17-1993
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ORDER APPRV DATE: 1/14/1994
ACTUAL COMPL DATE:
PAYMENT DATE: 08-17-1993
ACTUAL COST: $58,456.01

REMEDIAL ACTION*

CLEANUP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COST: $94,889.94
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: -
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS: -
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: ST - STATE
FUND ELLIG: -
ACTUAL COMPLETION DATE: 04-11-1990
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 3

DISCHARGE DATE: 4/11/1990

INSPECTION DATE:

CLEANUP WORK STATUS:

CLEANUP REQUIRED COMBINED C/U REQUIRED

CLEANUP COMBINED:

INFO SOURCE: DISCHARGE NOTIFICATION

DISCH CLNUP STATUS:

CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** N **GR WATER:** Y **MON WELL:** Y **# DW WELLS CONTAMINATED:**

POLLUTANT : **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF:

PGM ELIG SCORE: **PGM ELIG SCORE EFF DT:** **PGM ELIG R**

ELIG STAT: **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**

DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:**

CLNUP PROG: **CLNUP OFF:**

SITE ASSESSMENT*

CLNP RESP:
FUND ELLIG:
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP:
FUND ELLIG:
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP:
FUND ELLIG:
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE:
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS:
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP:
FUND ELLIG:
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 3

DISCHARGE DATE: 4/20/1990

INSPECTION DATE:

CLEANUP WORK STATUS:

CLEANUP REQUIRED COMBINED C/U REQUIRED

CLEANUP COMBINED:

INFO SOURCE: DISCHARGE NOTIFICATION

DISCH CLNUP STATUS:

CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** N **GR WATER:** Y **MON WELL:** Y **# DW WELLS CONTAMINATED:**

POLLUTANT : **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF:

PGM ELIG SCORE: **PGM ELIG SCORE EFF DT:** **PGM ELIG R**

ELIG STAT: **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**

DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:**

CLNUP PROG: **CLNUP OFF:**

SITE ASSESSMENT*

CLNP RESP:
FUND ELLIG:
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP:
FUND ELLIG:
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP:
FUND ELLIG:
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE:
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS:
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP:
FUND ELLIG:
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 3

DISCHARGE DATE: 4/23/1990

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 6/22/2020 LNFA - LOW SCORE SITE INITIATIVE NO FURTHER ACTION

CONTAMINATED MEDIA?: **SOIL:** **SUR WATER:** **GR WATER:** **MON WELL:** **# DW WELLS CONTAMINATED:**

POLLUTANT : B - Unleaded Gas **GALLONS** 3500 **OTHER**

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5

PGM ELIG SCORE: 6 **PGM ELIG SCORE EFF DT:** **PGM ELIG R**

ELIG STAT: INELIGIBLE **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**

DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:** 400000

CLNUP PROG: P - PETROLEUM LIABILITY AN **CLNUP OFF:** PCTM5 - PETROLEUM CLEANUP TEAM 5

SITE ASSESSMENT*

CLNP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: -
FUND ELLIG: -
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: -
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS: -
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N): Y
SOIL REMOVAL? (Y/N): Y
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N): Y
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 3

DISCHARGE DATE: 6/18/1990

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 6/22/2020 LNFA - LOW SCORE SITE INITIATIVE NO FURTHER ACTION

CONTAMINATED MEDIA?: **SOIL:** **SUR WATER:** **GR WATER:** **MON WELL:** **# DW WELLS CONTAMINATED:**

POLLUTANT : B - Unleaded Gas **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5

PGM ELIG SCORE: 6 **PGM ELIG SCORE EFF DT:** **PGM ELIG R**

ELIG STAT: INELIGIBLE **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**

DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:** 400000

CLNUP PROG: P - PETROLEUM LIABILITY AN **CLNUP OFF:** PCTM5 - PETROLEUM CLEANUP TEAM 5

SITE ASSESSMENT*

CLNP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: -
FUND ELLIG: -
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: -
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS: -
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 3

DISCHARGE DATE: 4/11/2005

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 6/22/2020 LNFA - LOW SCORE SITE INITIATIVE NO FURTHER ACTION

CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** N **GR WATER:** Y **MON WELL:** N **# DW WELLS CONTAMINATED:**

POLLUTANT : B - Unleaded Gas **GALLONS** **OTHER** PRODUCT LINE REMOVAL

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF: PCSD - SD CLEANUP & COMPLIANCE ASSURANCE

PGM ELIG SCORE: 6 **PGM ELIG SCORE EFF DT:** **PGM ELIG R**

ELIG STAT: NOT ELIGIBLE **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**

DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:** 0

CLNUP PROG: S - SITE REHABILITATION FUN **CLNUP OFF:** PCSD - SD CLEANUP & COMPLIANCE ASSURANCE

SITE ASSESSMENT*

CLNP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: -
FUND ELLIG: -
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: -
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS: -
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 3

DISCHARGE DATE: 2/15/2023

INSPECTION DATE:

CLEANUP WORK STATUS: ACTIVE

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: SA - SA ONGOING

CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** **GR WATER:** **MON WELL:** **# DW WELLS CONTAMINATED:**

POLLUTANT : D - Vehicular Diesel **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 3

PGM ELIG OFF:

PGM ELIG SCORE: **PGM ELIG SCORE EFF DT:** **PGM ELIG R**

ELIG STAT: **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**

DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:**

CLNUP PROG: **CLNUP OFF:** PCSWD - SWD CLEANUP & COMPLIANCE ASSURANCE PROGRAM

SITE ASSESSMENT*

CLNP RESP:
FUND ELLIG:
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP:
FUND ELLIG:
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP:
FUND ELLIG:
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE:
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS:
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP:
FUND ELLIG:
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

8944111
7-ELEVEN STORE #34806
28175 TAMIAMI TRL
BONITA SPRINGS, FL 33923

OWNERSHIP INFORMATION

7-ELEVEN INC.
PO BOX 711 ATTN: MGR-FL REGION
Dallas, TX 75221
CONTACT TEL #: 4074032995
CONTACT: 7-ELEVEN INC.
FACILTY TEL #: 4072476750
COUNTY ID: 36 LEE

MAP ID NUMBER: 3
Dist (FEET): 96.00
Direction:
Elev (Ft): 12.20
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: OPEN **FAC TYPE:** Retail Station

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	10000	01-Apr-1987	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Apr-2005

CONSTRUCTION TYPE: BALL CHECK VALVE/FIBERGLASS/SPILL CONTAINMENT BUCKET
PIPING TYPE:
LEAK MONITORING: MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	10000	01-Apr-1987	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Apr-2005

CONSTRUCTION TYPE: BALL CHECK VALVE/FIBERGLASS/SPILL CONTAINMENT BUCKET
PIPING TYPE:
LEAK MONITORING: MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	10000	01-Apr-1987	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Apr-2005

CONSTRUCTION TYPE: BALL CHECK VALVE/FIBERGLASS/SPILL CONTAINMENT BUCKET
PIPING TYPE:
LEAK MONITORING: MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	10000	01-Apr-1987	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Apr-2005

CONSTRUCTION TYPE: BALL CHECK VALVE/FIBERGLASS/SPILL CONTAINMENT BUCKET
PIPING TYPE:
LEAK MONITORING: MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
5	15000	01-Apr-2005	Unleaded Gas	UNDERGROUND	IN SERVICE 01-Apr-2005

CONSTRUCTION TYPE: FIBERGLASS/DOUBLE WALL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/LEVEL GAUGES/ALARMS
PIPING TYPE: DOUBLE WALL/PRESSURIZED PIPING SYSTEM/DISPENSER LINERS/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: CONTINUOUS ELECTRONIC SENSING/VISUAL INSPECT PIPE SUMPS/ELECTRONIC MONITOR PIPE SUMPS/ELECTRONIC MONITOR DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/ELECTRONIC LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
6	15000	01-Apr-2005	Unleaded Gas	UNDERGROUND	IN SERVICE 01-Apr-2005

CONSTRUCTION TYPE: FIBERGLASS/DOUBLE WALL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/LEVEL GAUGES/ALARMS
PIPING TYPE: DOUBLE WALL/PRESSURIZED PIPING SYSTEM/DISPENSER LINERS/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: CONTINUOUS ELECTRONIC SENSING/VISUAL INSPECT PIPE SUMPS/ELECTRONIC MONITOR PIPE SUMPS/ELECTRONIC MONITOR DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/ELECTRONIC LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE/AUTOMATIC TANK GAUGING-USTS

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
7	20000	01-Apr-2005	Vehicular Diesel	UNDERGROUND	IN SERVICE 01-Apr-2005

CONSTRUCTION TYPE: FIBERGLASS/DOUBLE WALL/COMPARTMENTED/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/LEVEL GAUGES/ALARMS

PIPING TYPE: DOUBLE WALL/PRESSURIZED PIPING SYSTEM/DISPENSER LINERS/APPROVED SYNTHETIC MATERIAL

LEAK MONITORING: CONTINUOUS ELECTRONIC SENSING/VISUAL INSPECT PIPE SUMPS/ELECTRONIC MONITOR PIPE SUMPS/ELECTRONIC MONITOR DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/ELECTRONIC LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE/AUTOMATIC TANK GAUGING-USTS

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FDEP INSTITUTIONAL/ENGINEERING CONTROLS REGISTRY

Report Date: 9/7/2023

(INSTENG)

FACILITY ID NUMBER, NAME AND LOCATION:

2032
7-ELEVEN STORE #34806
28175 S Tamiami Trl
Bonita Springs, FL 34134

ICR CONTROL #: 2032
PRIMARY FAC ID: STCM-8944111
PRIMARY SITE ID #: ERIC_18294
SITE LAT/LON: 26328000 81805070
COUNTY: LEE
PARCEL ID, BOOK, PG: /

MAP ID NUMBER: 3
Dist (FEET): 96.00
Direction:
Elev (Ft): 12.20
Elev vs Sub Prop: Higher

INSTENG

COMMENTS:

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

BOUNDARY KEY: 2061

DESCRIPTION: LSSI NFA Boundary

CONTROL MECHANISM: LSSI NFA Orders /LSSI NFA Order

PRGM AREA: /
IC RECORDED: 6/22/2020 **IC EFFECTIVE:** 6/22/2020 **IC REMOVED:** **IC AMENDED:** 2/8/2023
CONTAM MEDIA: Soil **CONTAMNT:** Benzo(a)pyrene, Benzo(a)pyrene Equivalents

INST CONTROL RESTRICTION: LSSI

ENG CONTROL TYPE: None

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FDEP STORAGE TANKS REPORT

Report Date: 9/7/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9602086
BONITA SPRINGS CENTRAL OFF
28160 BEAUMONT RD
BONITA SPRINGS, FL 33923

OWNERSHIP INFORMATION

EMBARQ FLORIDA INC (DBA CE
555 LAKE BORDER FLAPKA0106 ATTN
Apopka, FL 32703
CONTACT: DAVID HUNT/8132027055

SITE COUNTY: 36 LEE
SITE LAT/LON (AGCY): 26 19 41 / 81 48 28

MAP ID NUMBER: 4

Dist (FEET): 463.00
Direction:
Elev (Ft): 12.06
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: OPEN **FAC TYPE:** Fuel user/Non-retail

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	1500	01-Jun-1986	Emerg Generator Diesel	ABOVEGROUND	CLOSED IN PLACE 01-Jul-1998

CONSTRUCTION TYPE:	I	DOUBLE WALL
PIPING TYPE:		
LEAK MONITORING:	I	NOT REQUIRED

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	1000	01-Jul-1998	Emerg Generator Diesel	ABOVEGROUND	REMOVED FROM SITE 01-Mar-2012

CONSTRUCTION TYPE:	CIMOP	STEEL/DOUBLE WALL/SPILL CONTAINMENT BUCKET/TIGHT FILL/LEVEL GAUGES/ALARMS
PIPING TYPE:	ABDI	ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL/EXTERNAL PROTECTIVE COATING/SUCTION PIPING SYSTEM
LEAK MONITORING:	16FQ	CONTINUOUS ELECTRONIC SENSING/EXTERNAL PIPING MONITORING/MONITOR DBL WALL TANK SPACE/VISUAL INSPECTION OF ASTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	1200	01-Mar-2012	Emerg Generator Diesel	ABOVEGROUND	IN SERVICE 01-Mar-2012

CONSTRUCTION TYPE:	CIMNOP	STEEL/DOUBLE WALL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/LEVEL GAUGES/ALARMS
PIPING TYPE:	ABDI	ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL/EXTERNAL PROTECTIVE COATING/SUCTION PIPING SYSTEM
LEAK MONITORING:	6FQ	EXTERNAL PIPING MONITORING/MONITOR DBL WALL TANK SPACE/VISUAL INSPECTION OF ASTS

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FDEP SITE INVESTIGATION SECTION SITES, FDEP ERIC WASTE CLEANUP SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

FACILITY NAME AND LOCATION:

SPRINGS PLAZA SHOPPING CENTER (SPRING FRESH
8951 BONITA BEACH RD SUITE 21D
BONITA SPRINGS, FL 33923

AGENCY SITE LAT/LON:
260307.99465007
618758.99764832

MAP ID NUMBER: 5
Dist (FEET): 478.00
Direction:
Elev (Ft): 12.23
Elev vs Sub Prop: Higher

STCERC

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

SITE INVESTIGATION SECTION INFO:
SITE NO:
ALT SITE NO:
DISTRICT: SD

FDER SITES LIST INFO:
SITE NO:
LEAD UNIT:
PRJ MGR:
ATTY:
SUP UNIT:
STATUS:
STATUS DATE:

CLEANUP SITES INFO:
SRC DATA ID:
SRC DATA PGM:
PGM AREA:
CLNP CAT:
REM STATUS:
COMMENTS:

ERIC WASTE CLEANUP SITES INFO:
ERIC ID NO: ERIC_11227
SITE NAME: SPRINGS PLAZA SHOPPING CENTER (SPRING FRESH DRY CLEANERS)
SRC FAC ID: 63012
SRC FAC NAME: Spring Fresh Dry Cleaners
SITE STATUS: CLOSED
PROGRAM: Responsible Party Cleanup
PROGRAM TYPE: RESPONSPARTY
DISCHARGE DATE:
PROGRAM STATUS: COMPLETEWITHCOND
SITE PHASE DESCR: Phase 5 - Cleanup Complete
OFFSITE COMTAM KEY: NOCONTAM
ICR ?: N

FACILITY NAME AND LOCATION:

Spring Fresh Cleaners Inc
8951 Bonita Beach Rd SE
Bonita Springs, FL 34135

AGENCY SITE LAT/LON:
260323.84035007
618862.10824833

MAP ID NUMBER: 5
Dist (FEET): 478.00
Direction:
Elev (Ft): 12.23
Elev vs Sub Prop: Higher

STCERC

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

SITE INVESTIGATION SECTION INFO:
SITE NO:
ALT SITE NO:
DISTRICT: SD

FDER SITES LIST INFO:
SITE NO:
LEAD UNIT:
PRJ MGR:
ATTY:
SUP UNIT:
STATUS:
STATUS DATE:

CLEANUP SITES INFO:
SRC DATA ID: ERIC_4849
SRC DATA PGM: ERIC
PGM AREA: DC
CLNP CAT: OTHCU
REM STATUS: ONHOLD
COMMENTS: Alternate ID: 369502316

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FDEP SITE INVESTIGATION SECTION SITES, FDEP ERIC WASTE CLEANUP SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

ERIC WASTE CLEANUP SITES INFO:

ERIC ID NO: ERIC_4849

SITE NAME: Spring Fresh Cleaners Inc

SRC FAC ID: 9502316

SRC FAC NAME: SPRING FRESH DRY CLEANERS

SITE STATUS: ONHOLD

PROGRAM: Drycleaning Solvent Cleanup Program

PROGRAM TYPE: DRYCLEANING

DISCHARGE DATE:

PROGRAM STATUS: AWAITFUND

SITE PHASE DESCR: Phase 1 - Initial Assessment

OFFSITE COMTAM KEY: CONTAMUNKNOWN

ICR ?: N

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FDEP STORAGE TANKS REPORT

Report Date: 9/7/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9502316 **--HISTORICAL ENTRY--**
SPRING FRESH DRY CLEANERS
8951 BONITA BEACH RD
BONITA SPRINGS, FL 33923-

OWNERSHIP INFORMATION

SPRING FRESH DRY CLEANERS
8951 BONITA BEACH RD #210
BONITA SPRINGS, FL 33923-
CONTACT: MARION GETTA/9419927411

SITE COUNTY: 36 LEE
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 5

Dist (FEET): 478.00
Direction:
Elev (Ft): 12.23
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: CLOSED **FAC TYPE:** DRYCLEANER

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

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FDEP VOLUNTARY CLEANUP SITES

(VOLCLNUP)

FACILITY ID NUMBER, NAME AND LOCATION:

50410 **--HISTORICAL ENTRY--**
SPRINGS PLAZA SHOPPING CENTER (SPRING FRESH DRY
8951 BONITA BEACH RD SUITE 21D
BONITA SPRINGS, FL 33923

COUNTY: LEE
DISTRICT:
AGENCY LAT:
AGENCY LON:

MAP ID NUMBER: 5
Dist (FEET): 478.00
Direction:
Elev (Ft): 12.23
Elev vs Sub Prop: Higher

VOLCLNUP

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

BSRA DATA

AREA ID: **AREA NAME:**
ACREAGE: **REMED STATUS:** **BSRA DATE:** **SRCO DATE:**
COMMENTS:

WASTE CLEANUP DATA

PROJ ID: 191337 **OGC NO:** **STATUS:** CLOSED **PRIORITY SCORE:** **INIT DATA RCVD:** **12/2/1997**
CONTAMINANTS: **drycleaning solvents**
OFFSITE CONTAM?: N **FEATURE:**

FACILITY ID NUMBER, NAME AND LOCATION:

ERIC_11227
SPRINGS PLAZA SHOPPING CENTER (SPRING FRESH DRY
8951 BONITA BEACH RD SUITE 21D
BONITA SPRINGS, FL 33923

COUNTY: Lee
DISTRICT: SD
AGENCY LAT:
AGENCY LON:

MAP ID NUMBER: 5
Dist (FEET): 478.00
Direction:
Elev (Ft): 12.23
Elev vs Sub Prop: Higher

VOLCLNUP

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

ERIC WASTE CLEANUP DATA

SOURCE FAC ID NO: 63012 **SOURCE FAC NAME:** Spring Fresh Dry Cleaners **SITE STATUS:** **CLOSED**
PROGRAM: Responsible Party Cleanup **PROGRAM STATUS:** COMPLETEWITHCOND **SITE MANAGER:** F Nemec
DISCH DATE: **OFFSITE CONTAM KEY?:** NOCONTAM **INST CONTROL?:** N **SITE PHASE:** Phase 5 - Cleanup Complete

BSRA DATA

AREA ID: **AREA NAME:**
ACREAGE: **REMED STATUS:** **BSRA DATE:** **SRCO DATE:**
COMMENTS:

WASTE CLEANUP DATA

PROJ ID: **OGC NO:** **STATUS:** **PRIORITY SCORE:** **INIT DATA RCVD:**
CONTAMINANTS:
OFFSITE CONTAM?: **FEATURE:**

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FDEP DRY CLEANING FACILITIES LIST

FACILITY ID NUMBER, NAME AND LOCATION

9502316
SPRING FRESH DRY CLEANERS
8951 BONITA BEACH RD
BONITA SPRINGS, FL 33923

Facility Telephone (941)992-7411
Fac Status CLOSED
Facility Type 1 - Drycleaner
PRIORITY RANKING: **Rank:** 28 **Score:** 79

MAP ID NUMBER: 5
Dist (FEET): 478.00
Direction:
Elev (Ft): 12.23
Elev vs Sub Prop: Higher

DRY

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

RELATED PARTY TYPE: **PROPERTY OWNER** **RP ID** 41189 **Start Date** 7/25/1995 **RP Contact:** ANNA SCHUKERT (216)247-1764
DEVELOPERS DIVERSIFIED-- 34555 CHAGRIN BLVD-PO BOX 8022 CHAGRIN FALLS, OH 44022

RELATED PARTY TYPE: **ACCOUNT OWNER** **RP ID** 42680 **Start Date** 2/28/1996 **RP Contact:** MARION GETTA (941)992-7411
SPRING FRESH DRY CLEANERS-- 8951 BONITA BEACH RD #210 BONITA SPRINGS, FL 33923

RELATED PARTY TYPE: **FACILITY OWNER** **RP ID** 42680 **Start Date** 2/28/1996 **RP Contact:** MARION GETTA (941)992-7411
SPRING FRESH DRY CLEANERS-- 8951 BONITA BEACH RD #210 BONITA SPRINGS, FL 33923

DRY CLEANER CLEANUP PROGRAM DATA:

Facility Name: Spring Fresh Cleaners Inc
Address: 8951 Bonita Beach Rd SE
City: Bonita Springs
County: LEE
District: SD
Agcy Lat/Lon: 260323.845656933/618862.110586311
On Line Documents: https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/ERIC_4849/qis-facility!search

ERIC ID: ERIC_4849
Program: DRYCLEANING
Manager:
Status: ONHOLD

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FDEP DRY CLEANING FACILITIES LIST

Report Date: 9/7/2023

(DRY)

FACILITY ID NUMBER, NAME AND LOCATION

9811287
MARTINIZING DRY CLEANING
3525 BONITA BEACH RD
BONITA SPRINGS, FL 34134

Facility Telephone (239)910-2382
Fac Status OPEN
Facility Type 1 - Drycleaner
PRIORITY RANKING: **Rank:** **Score:**

MAP ID NUMBER: 6
Dist (FEET): 144.00
Direction:
Elev (Ft): 12.16
Elev vs Sub Prop: Higher

DRY

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

RELATED PARTY TYPE: **ACCOUNT OWNER** **RP ID** 45183 **Start Date** 4/3/2009 **RP Contact:** BREEHNE, PAUL (239) 597-1330
BREEHNE CORP-- 883 VANDERBILT BEACH RD NAPLES, FL 34134

RELATED PARTY TYPE: **FACILITY OWNER** **RP ID** 46066 **Start Date** 4/3/2009 **RP Contact:** PAUL BREEHNE (239)597-1330
PAUL BREEHNE CORP-- 883 VANDERBILT RD NAPLES, FL 34108

RELATED PARTY TYPE: **TANK OPERATOR** **RP ID** 46066 **Start Date** 4/3/2009 **RP Contact:** PAUL BREEHNE (239) 597-1330
PAUL BREEHNE CORP-- 883 VANDERBILT RD NAPLES, FL 34134

RELATED PARTY TYPE: **PROPERTY OWNER** **RP ID** 64597 **Start Date** 4/3/2009 **RP Contact:** PAUL BREEHNE (239) 597-1330
BREEHNE FAMILY LLC-- 883 VANDERBILT BEACH RD NAPLES, FL 34134

RELATED PARTY TYPE: **TANK OPERATOR** **RP ID** 77867 **Start Date** 1/15/2019 **RP Contact:** SARA STENSRUD (239)910-2382
STENSRUD, SARA-- 15730 CARBERRY CT FORT MYERS, FL 33912

RELATED PARTY TYPE: **ACCOUNT OWNER** **RP ID** 77867 **Start Date** 1/15/2019 **RP Contact:** SARA STENSRUD (239)910-2382
STENSRUD, SARA-- 15730 CARBERRY CT FORT MYERS, FL 33912

RELATED PARTY TYPE: **TANK OWNER** **RP ID** 77867 **Start Date** 1/15/2019 **RP Contact:** SARA STENSRUD (239)910-2382
STENSRUD, SARA-- 15730 CARBERRY CT FORT MYERS, FL 33912

RELATED PARTY TYPE: **PROPERTY OWNER** **RP ID** 77869 **Start Date** 1/15/2019 **RP Contact:** DAWN BREEHNE (239)290-6707
SUNSHINE ENTERPRISES OF NAPLES INC-- 4606 ABACA CIR NAPLES, FL 34119

DRY CLEANER CLEANUP PROGRAM DATA:

Facility Name:
Address:
City:
County:
District:
Agcy Lat/Lon: /
On Line Documents:

ERIC ID:
Program:
Manager:
Status:

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FDEP SITE INVESTIGATION SECTION SITES, FDEP ERIC WASTE CLEANUP SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

FACILITY NAME AND LOCATION:

BP-BONITA-OLEUM CORP
9021 BONITA BEACH RD
BONITA SPRINGS, FL 33923-4213

AGENCY SITE LAT/LON:
260333.99345007
618977.99854835

MAP ID NUMBER: 7
Dist (FEET): 80.00
Direction:
Elev (Ft): 13.12
Elev vs Sub Prop: Higher

STCERC

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

SITE INVESTIGATION SECTION INFO:
SITE NO:
ALT SITE NO:
DISTRICT: SD

FDER SITES LIST INFO:
SITE NO:
LEAD UNIT:
PRJ MGR:
ATTY:
SUP UNIT:
STATUS:
STATUS DATE:

CLEANUP SITES INFO:
SRC DATA ID: 8520618
SRC DATA PGM: STCM
PGM AREA: TK
CLNP CAT: PETRO
REM STATUS: ACTIVE
COMMENTS:

ERIC WASTE CLEANUP SITES INFO:
SRC FAC ID:

ERIC ID NO:
SRC FAC NAME:

SITE NAME:
SITE STATUS:

PROGRAM:
PROGRAM STATUS:
OFFSITE COMTAM KEY:

PROGRAM TYPE:
SITE PHASE DESCR:
ICR ?:

DISCHARGE DATE:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

8520618
BP-BONITA-OLEUM CORP
9021 BONITA BEACH RD
BONITA SPRINGS, FL 33923-4213

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

OWNERSHIP INFO:

ACCOUNT OWNER
OLEUM CORP
PO BOX 413038
NAPLES, FL 33941-3038
(813)262-8333
COUNTY ID: 36 LEE
AGCY LAT/LON(DMS): 26,19,48.3326 81,48,9.1978
FAC OPERATOR: OLEUM CORP
FAC TEL #: (813)992-4941

MAP ID NUMBER: 7

Dist (FEET): 80.00
Direction:
Elev (Ft): 13.12
Elev vs Sub Prop: Higher

LUST

FAC STATUS: CLOSED **FAC TYPE:** A - Retail Station

SCORE 10 **SCORE EFF DT:** 6/17/2013 **RANK:** 12568 **SCORE WHEN RANKED:** 7

DISCHARGE INFORMATION

Mapid: 7

DISCHARGE DATE: 11/17/1994

INSPECTION DATE:
CLEANUP WORK STATUS: ACTIVE
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: D - DISCHARGE NOTIFICATION
DISCH CLNUP STATUS: 4/13/1995 SA - SA ONGOING
CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** N **GR WATER:** N **MON WELL:** N **# DW WELLS CONTAMINATED:** 0
POLLUTANT : - **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 7

PGM ELIG OFF: PCLP58 - SARASOTA CNTY AIR QUALITY/STORAGE TANK MGMT
PGM ELIG SCORE: 10 **PGM ELIG SCORE EFF DT:** **PGM ELIG R**
ELIG STAT: ELIGIBLE **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**
DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:** 400000
CLNUP PROG: P - PETROLEUM LIABILITY AN **CLNUP OFF:** PCLP58 - SARASOTA CNTY AIR QUALITY/STORAGE TANK MGMT

SITE ASSESSMENT*

CLNP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: -
FUND ELLIG: -
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: -
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS: -
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

8520618
BP-BONITA-OLEUM CORP
9021 BONITA BEACH RD
BONITA SPRINGS, FL 33923

OWNERSHIP INFORMATION

OLEUM CORP
PO BOX 413038
NAPLES, FL 33941
CONTACT TEL #: 8132628333
CONTACT: OLEUM CORP
FACILTY TEL #: 8139924941
COUNTY ID: 36 LEE

MAP ID NUMBER: 7
Dist (FEET): 80.00
Direction:
Elev (Ft): 13.12
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: CLOSED **FAC TYPE:** Retail Station

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	10152	01-Jul-1976	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Nov-1988

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1R1	10000	01-Nov-1988	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Sep-1994

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL/BALL CHECK VALVE
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	12000	01-Jul-1980	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Nov-1988

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2R1	10000	01-Nov-1988	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Sep-1994

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL/BALL CHECK VALVE
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	10152	01-Jul-1976	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Nov-1988

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3R1	10000	01-Nov-1988	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Sep-1994

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL/BALL CHECK VALVE
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	10152	01-Jul-1976	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 30-Nov-1988

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4R1	10000	01-Nov-1988	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 01-Sep-1994

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL/BALL CHECK VALVE
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS

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FDEP SITE INVESTIGATION SECTION SITES, FDEP ERIC WASTE CLEANUP SITES, FDEP CLEANUP SITES AND FDER SITES LIST

(STCERC)

FACILITY NAME AND LOCATION:

APEX STATION
27990 TAMIAMI TRL *** USE #8518113 ***
BONITA SPRINGS, FL 33923-4224

AGENCY SITE LAT/LON:
260473.99345008
618591.9967483

MAP ID NUMBER: 8
Dist (FEET): 64.00
Direction:
Elev (Ft): 11.38
Elev vs Sub Prop: Higher

STCERC

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

SITE INVESTIGATION SECTION INFO:
SITE NO:
ALT SITE NO:
DISTRICT: SD

FDER SITES LIST INFO:
SITE NO:
LEAD UNIT:
PRJ MGR:
ATTY:
SUP UNIT:
STATUS:
STATUS DATE:

CLEANUP SITES INFO:
SRC DATA ID: 8840379
SRC DATA PGM: STCM
PGM AREA: TK
CLNP CAT: PETRO
REM STATUS: PENDING
COMMENTS:

ERIC WASTE CLEANUP SITES INFO:
SRC FAC ID:

ERIC ID NO:
SRC FAC NAME:

SITE NAME:
SITE STATUS:

PROGRAM:
PROGRAM STATUS:
OFFSITE COMTAM KEY:

PROGRAM TYPE:
SITE PHASE DESCR:
ICR ?:

DISCHARGE DATE:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

8518113
7-ELEVEN STORE #40327
27990 TAMIAMI TRL *** SEE #8840379 ***
BONITA SPRINGS, FL 34134-

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

OWNERSHIP INFO:

ACCOUNT OWNER
7-ELEVEN INC.
PO BOX 711 ATTN: MGR-FL REGION
Dallas, TX 75221-711
(407)403-2995

COUNTY ID: 36 LEE
AGCY LAT/LON(DMS): 26,19,53.0188 81,48,23.0735
FAC OPERATOR: CATHY WISE
FAC TEL #: (407)247-6750

MAP ID NUMBER: 8

Dist (FEET): 64.00
Direction:
Elev (Ft): 11.38
Elev vs Sub Prop: Higher

LUST

FAC STATUS: OPEN **FAC TYPE:** A - Retail Station

SCORE 6 **SCORE EFF DT:** 12/4/2008 **RANK:** **SCORE WHEN RANKED:**

DISCHARGE INFORMATION

Mapid: 8

DISCHARGE DATE: 2/10/1995

INSPECTION DATE:
CLEANUP WORK STATUS: INACTIVE
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: D - DISCHARGE NOTIFICATION
DISCH CLNUP STATUS: 10/9/2000 DNR - DISCHARGE NOTIFICATION RECEIVED
CONTAMINATED MEDIA?: **SOIL:** N **SUR WATER:** N **GR WATER:** N **MON WELL:** Y **# DW WELLS CONTAMINATED:** 0
POLLUTANT : Z - OTHER NON REGULATED **GALLONS** **OTHER** UNKNOWN

CLEANUP INFORMATION

Mapid: 8

PGM ELIG OFF: PCSD - South District
PGM ELIG SCORE: **PGM ELIG SCORE EFF DT:** **PGM ELIG R**
ELIG STAT: **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**
DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:**
CLNUP PROG: **CLNUP OFF:**

SITE ASSESSMENT*

CLNP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: -
FUND ELLIG: -
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: -
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS: -
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 8

DISCHARGE DATE: 5/6/2003

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 4/17/2015 SRCR - SRCR COMPLETE

CONTAMINATED MEDIA?: **SOIL:** **SUR WATER:** **GR WATER:** **MON WELL:** **# DW WELLS CONTAMINATED:**

POLLUTANT : H - GENERATOR/PUMP DIESEL **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 8

PGM ELIG OFF:

PGM ELIG SCORE: **PGM ELIG SCORE EFF DT:** **PGM ELIG R**

ELIG STAT: **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**

DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:**

CLNUP PROG: **CLNUP OFF:** -

SITE ASSESSMENT*

CLNP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: -
FUND ELLIG: -
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL: 0

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: SRCR - SITE REHABILITATION COMPLETION REPORT
SUBMIT DATE: 03-19-2015
REVIEW DATE: 04-17-2015
ISSUE DATE: 04-17-2015
COMPL STATUS: A - APPROVED
COMPL STATUS DT: 04-17-2015
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N):
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

8518113
7-ELEVEN STORE #40327
27990 TAMIAMI TRL
BONITA SPRINGS, FL 34134

OWNERSHIP INFORMATION

7-ELEVEN INC.
PO BOX 711 ATTN: MGR-FL REGION
Dallas, TX 75221
CONTACT TEL #: 4074032995
CONTACT: 7-ELEVEN INC.
FACILTY TEL #: 4072476750
COUNTY ID: 36 LEE

MAP ID NUMBER: 8
Dist (FEET): 64.00
Direction:
Elev (Ft): 11.38
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: OPEN **FAC TYPE:** Retail Station

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	10000	01-Dec-1975	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Aug-1989

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: NOT REQUIRED

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
10	20000	01-Jan-2008	Unleaded Gas	UNDERGROUND	IN SERVICE 01-Jan-2008

CONSTRUCTION TYPE: FIBERGLASS/DOUBLE WALL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/LEVEL GAUGES/ALARMS
PIPING TYPE: FIBERGLASS/DOUBLE WALL/PRESSURIZED PIPING SYSTEM/DISPENSER LINERS
LEAK MONITORING: ELECTRONIC MONITOR PIPE SUMPS/ELECTRONIC MONITOR DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
11	20000	01-Jan-2008	Vehicular Diesel	UNDERGROUND	IN SERVICE 01-Jan-2008

CONSTRUCTION TYPE: FIBERGLASS/DOUBLE WALL/COMPARTMENTED/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/LEVEL GAUGES/ALARMS
PIPING TYPE: FIBERGLASS/DOUBLE WALL/PRESSURIZED PIPING SYSTEM/DISPENSER LINERS
LEAK MONITORING: ELECTRONIC MONITOR PIPE SUMPS/ELECTRONIC MONITOR DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
12	6000	01-Jan-2008	Unleaded Gas	UNDERGROUND	DELETED 01-Jan-2008

CONSTRUCTION TYPE: FIBERGLASS/DOUBLE WALL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL
PIPING TYPE:
LEAK MONITORING: CONTINUOUS ELECTRONIC SENSING/VISUAL INSPECT PIPE SUMPS/ELECTRONIC MONITOR PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/ELECTRONIC MONITOR DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	10000	01-Dec-1975	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 31-Aug-1989

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: NOT REQUIRED

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	10000	01-Dec-1975	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Aug-1989

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: NOT REQUIRED

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	10000	01-Dec-1975	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Aug-1989

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: NOT REQUIRED

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
5	6000	01-Sep-1995	Unleaded Gas	UNDERGROUND	IN SERVICE 01-Dec-2007

CONSTRUCTION TYPE: STEEL/SACRIFICIAL ANODE CP/DOUBLE WALL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/LEVEL GAUGES/ALARMS
PIPING TYPE: FIBERGLASS/DOUBLE WALL/PRESSURIZED PIPING SYSTEM/DISPENSER LINERS
LEAK MONITORING: ELECTRONIC MONITOR PIPE SUMPS/ELECTRONIC MONITOR DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
6	10000	01-Sep-1989	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 27-Dec-2007

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL/SACRIFICIAL ANODE CP/SPILL CONTAINMENT BUCKET/TIGHT FILL
PIPING TYPE:
LEAK MONITORING: VISUAL INSPECT PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/ELECTRONIC LINE LEAK DETECTOR/STATISTICAL INVENTORY RECONCILE/ANNUAL PIPING PRESSURE TEST

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
7	10000	01-Sep-1989	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 27-Dec-2007

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL/SACRIFICIAL ANODE CP/SPILL CONTAINMENT BUCKET/TIGHT FILL
PIPING TYPE:
LEAK MONITORING: VISUAL INSPECT PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/ELECTRONIC LINE LEAK DETECTOR/STATISTICAL INVENTORY RECONCILE/ANNUAL PIPING PRESSURE TEST

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
8	10000	01-Sep-1989	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 27-Dec-2007

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL/SACRIFICIAL ANODE CP/SPILL CONTAINMENT BUCKET/TIGHT FILL
PIPING TYPE:
LEAK MONITORING: VISUAL INSPECT PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/ELECTRONIC LINE LEAK DETECTOR/STATISTICAL INVENTORY RECONCILE/ANNUAL PIPING PRESSURE TEST

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
9	10000	01-Sep-1989	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 27-Dec-2007

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL/SACRIFICIAL ANODE CP/SPILL CONTAINMENT BUCKET/TIGHT FILL
PIPING TYPE:
LEAK MONITORING: VISUAL INSPECT PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/ELECTRONIC LINE LEAK DETECTOR/STATISTICAL INVENTORY RECONCILE/ANNUAL PIPING PRESSURE TEST

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

8840379
APEX STATION
27990 TAMIAMI TRL *** USE #8518113 ***
BONITA SPRINGS, FL 33923-4224

FDEP INFORMATION PORTAL ON LINE DOCUMENTS (May Not Be Available For All Records)

OWNERSHIP INFO:

ACCOUNT OWNER
EDWARDS, JOAN & PETER
995A ORTEGA LN SE
BONITA SPRINGS, FL 33923-
(813)992-4033
COUNTY ID: 36 LEE
AGCY LAT/LON(DMS): 26,19,53.0956 81,48,23.0496
FAC OPERATOR: APEX OIL CO.
FAC TEL #: (813)992-4033

MAP ID NUMBER: 8

Dist (FEET): 64.00
Direction:
Elev (Ft): 11.38
Elev vs Sub Prop: Higher

LUST

FAC STATUS: CLOSED **FAC TYPE:** A - Retail Station

SCORE 6 **SCORE EFF DT:** 11/4/1997 **RANK:** 12937 **SCORE WHEN RANKED:** 6

DISCHARGE INFORMATION

DISCHARGE DATE: 2/6/1988

Mapid: 8

INSPECTION DATE:
CLEANUP WORK STATUS: AWAITING
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: E - EDI
DISCH CLNUP STATUS: 5/17/1994 RA - RA ONGOING
CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** N **GR WATER:** Y **MON WELL:** Y **# DW WELLS CONTAMINATED:** 0
POLLUTANT : B - Unleaded Gas **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 8

PGM ELIG OFF: PCTM6 - PETROLEUM CLEANUP TEAM 6
PGM ELIG SCORE: 6 **PGM ELIG SCORE EFF DT:** **PGM ELIG R**
ELIG STAT: ELIGIBLE **ELIG STAT DT:** **APPL RCVD:** **LOI:** **ELIG LTR SNT:** **REDETERM:**
DEDUCT AMT: **DEDUCT PD TO DT:** **COPAY AMT:** **COPAY TO DT:** **CAP AMT:** 0
CLNUP PROG: E - EARLY DETECTION INCEN **CLNUP OFF:** PCTM6 - PETROLEUM CLEANUP TEAM 6

SITE ASSESSMENT*

CLNP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE: 08-05-1991
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ORDER APPRV DATE: 5/1/1992
ACTUAL COMPL DATE: 05-01-1992
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: -
SUBMIT DATE:
REVIEW DATE:
ISSUE DATE:
COMPL STATUS: -
COMPL STATUS DT:
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE:
FREE PRODUCT REMOVAL?(Y/N): Y
SOIL REMOVAL? (Y/N): Y
SOIL TONNAGE REMOVED:
SOIL TREATMENT?(Y/N): Y
OTHER TREATMENT?: AIR STRIP/DEWATER TA
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

*** Data current as of November 2019**

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FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

8840379
APEX STATION
27990 TAMIAMI TRL
BONITA SPRINGS, FL 33923

OWNERSHIP INFORMATION

EDWARDS, JOAN & PETER
995A ORTEGA LN SE
BONITA SPRINGS, FL 33923
CONTACT TEL #: 8139924033
CONTACT: EDWARDS, JOAN & PETER
FACILTY TEL #: 8139924033
COUNTY ID: 36 LEE

MAP ID NUMBER: 8
Dist (FEET): 64.00
Direction:
Elev (Ft): 11.38
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: CLOSED **FAC TYPE:** Retail Station

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	10000	01-Dec-1975	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Aug-1989

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	10000	01-Dec-1975	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 31-Aug-1989

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	10000	01-Dec-1975	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Aug-1989

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	10000	01-Dec-1975	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Aug-1989

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

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FDEP STORAGE TANKS REPORT

Report Date: 9/7/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9808472
PUBLIX SUPER MARKET #365
3306 BONITA BCH RD
BONITA SPRINGS, FL 34134

OWNERSHIP INFORMATION

PUBLIX SUPER MARKETS INC -
PO BOX 407 ATTN: ESP STORAGE TA
LAKELAND, FL 33802
CONTACT: BRENDA WILLIAMS EXT-55017/86368811

SITE COUNTY: 36 LEE
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 9

Dist (FEET): 319.00
Direction:
Elev (Ft): 11.74
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: CLOSED **FAC TYPE:** Fuel user/Non-retail

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	1000	01-Sep-2006	Emerg Generator Diesel	ABOVEGROUND	REMOVED FROM SITE 01-Jun-2014

CONSTRUCTION TYPE: CIMP — STEEL/DOUBLE WALL/SPILL CONTAINMENT BUCKET/LEVEL GAUGES/ALARMS

PIPING TYPE: AI — ABV, NO SOIL CONTACT/SUCTION PIPING SYSTEM

LEAK MONITORING: 1FQ — CONTINUOUS ELECTRONIC SENSING/MONITOR DBL WALL TANK SPACE/VISUAL INSPECTION OF ASTS

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FDEP STORAGE TANKS REPORT

Report Date: 9/7/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9814048
PUBLIX SUPER MARKET #1449
3304 BONITA BEACH RD
BONITA SPRINGS, FL 34141

OWNERSHIP INFORMATION

PUBLIX SUPER MARKETS INC -
PO BOX 407 ATTN: ESP STORAGE TA
LAKELAND, FL 33802
CONTACT: BRENDA WILLIAMS EXT-55017/86368811

SITE COUNTY: 36 LEE
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 9

Dist (FEET): 319.00
Direction:
Elev (Ft): 11.74
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: OPEN **FAC TYPE:** Fuel user/Non-retail

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	1000	01-Apr-2014	Emerg Generator Diesel	ABOVEGROUND	IN SERVICE 01-Apr-2014

CONSTRUCTION TYPE: CIMP STEEL/DOUBLE WALL/SPILL CONTAINMENT BUCKET/LEVEL GAUGES/ALARMS

PIPING TYPE: AI ABV, NO SOIL CONTACT/SUCTION PIPING SYSTEM

LEAK MONITORING: 1FQ CONTINUOUS ELECTRONIC SENSING/MONITOR DBL WALL TANK SPACE/VISUAL INSPECTION OF ASTS

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FDEP STORAGE TANKS REPORT

Report Date: 9/7/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9801967 **--HISTORICAL ENTRY--**
SUNSHINE DRY CLEANERS
9048 BONITA BEACH RD
BONITA SPRINGS, FL 33923-

OWNERSHIP INFORMATION

KENT, JOSHUA
9048 BONITA BEACH RD
BONITA SPRINGS, FL 33923-
CONTACT: JOSHUA KENT/9414950017

SITE COUNTY: 36 LEE
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 10

Dist (FEET): 348.00
Direction:
Elev (Ft): 14.87
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: OPEN **FAC TYPE:** DRYCLEANER

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

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FDEP DRY CLEANING FACILITIES LIST

Report Date: 9/7/2023

(DRY)

FACILITY ID NUMBER, NAME AND LOCATION

9801967
SUNSHINE DRY CLEANERS
9048 BONITA BEACH RD
BONITA SPRINGS, FL 33923

Facility Telephone (941)495-0017
Fac Status CLOSED
Facility Type 1 - Drycleaner
PRIORITY RANKING: **Rank:** **Score:**

MAP ID NUMBER: 10
Dist (FEET): 348.00
Direction:
Elev (Ft): 14.87
Elev vs Sub Prop: Higher

DRY

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

RELATED PARTY TYPE: **ACCOUNT OWNER** **RP ID** 49226 **Start Date** 8/31/1999 **RP Contact:** JOSHUA KENT (941)495-0017
KENT, JOSHUA-- 9048 BONITA BEACH RD BONITA SPRINGS, FL 33923

RELATED PARTY TYPE: **FACILITY OWNER** **RP ID** 49226 **Start Date** 8/31/1999 **RP Contact:** JOSHUA KENT (941)495-0017
KENT, JOSHUA-- 9048 BONITA BEACH RD BONITA SPRINGS, FL 33923

DRY CLEANER CLEANUP PROGRAM DATA:

Facility Name:
Address:
City:
County:
District:
Agcy Lat/Lon: /
On Line Documents:

ERIC ID:
Program:
Manager:
Status:

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FDEP STORAGE TANKS REPORT

Report Date: 9/7/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9503050 **--HISTORICAL ENTRY--**
PRESTIGE CLEANERS
3300 BONITA BEACH RD #107
BONITA SPRINGS, FL 34134-

OWNERSHIP INFORMATION

SHIVANI OF SOUTHWEST FLORI
3300 BONITA BEACH RD #107
BONITA SPRINGS, FL 34134-
CONTACT: SURESH PATEL/9419923840

SITE COUNTY: 36 LEE
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 11
Dist (FEET): 390.00
Direction:
Elev (Ft): 9.99
Elev vs Sub Prop: Higher

TANKS

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

FAC STATUS: OPEN **FAC TYPE:** DRYCLEANER

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

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FDEP DRY CLEANING FACILITIES LIST

FACILITY ID NUMBER, NAME AND LOCATION

9503050 --HISTORICAL ENTRY--
PRESTIGE CLEANERS
3300 BONITA BCH RD #107
BONITA SPRINGS, FL 34134

Facility Telephone (941) 992-3840
Fac Status OPEN
Facility Type Drycleaner
PRIORITY RANKING: **Rank:** **Score:**

MAP ID NUMBER: 11 DRY
Dist (FEET): 390.00
Direction:
Elev (Ft): 9.99
Elev vs Sub Prop: Higher

FDEP INFORMATION PORTAL ON LINE DOCUMENTS **(May Not Be Available For All Records)**

RELATED PARTY TYPE: **PROPERTY OWNER** **RP ID** 42253 **Start Date** 12/27/199 **RP Contact:** CHRIS AUSTIN (407) 790-1414
CENTER OF BONITA SPRING-- 10323 SOUTHERN BLVD ROYAL PALM BEACH, FL 34134

RELATED PARTY TYPE: **FACILITY OWNER** **RP ID** 44809 **Start Date** 10/24/199 **RP Contact:** SURESH PATEL (941) 992-3840
SHIVANI OF SOUTHWEST FLORIDA INC-- 3300 BONITA BEACH RD #107 BONITA SPRINGS, FL 34134

RELATED PARTY TYPE: **ACCOUNT OWNER** **RP ID** 44809 **Start Date** 10/24/199 **RP Contact:** SURESH PATEL (941) 992-3840
SHIVANI OF SOUTHWEST FLORIDA INC-- 3300 BONITA BEACH RD #107 BONITA SPRINGS, FL 34134

DRY CLEANER CLEANUP PROGRAM DATA:

Facility Name:
Address:
City:
County:
District:
Agcy Lat/Lon: /
On Line Documents:

ERIC ID:
Program:
Manager:
Status:

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ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research

Proximal Site Summary Table

This table includes mapped sites whose plotted coordinates fall just outside of the ASTM or client defined research distance but whose property boundaries may still extend into the search area. These sites are typically large commercial or industrial tracts that may merit inclusion in the evaluation process. Detail data reports on any of these sites may be requested and will be sent as an addendum to this report at no additional cost.

MapID / Prgm List	Fac ID No	Site Dist (ft)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address

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ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research

Non-Mapped Records Summary Table

This table is a listing of database records that have not been plotted within our mapping system. Detail data reports on any of these sites may be requested and will be sent as an addendum to this report at no additional cost.

Prgm List Fac ID No	Site Name	Site Address

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Agency List Descriptions

USEPA and State Databases are updated on a quarterly basis. Supplemental Databases are updated on an annual basis.

Florida Department of Environmental Protection (FDEP)

State Designated Brownfields(BRWNFLDS)

The FDEP Brownfields database contains a listing of State Designated Brownfield Areas and Brownfield Sites. Brownfields are typically defined as abandoned, idled or underused industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Agency File Date: 5/2/2023 **Received by EDM:** 5/3/2023 **EDM Database Updated:** 5/3/2023

Dry Cleaners List(DRY)

The FDEP Dry Cleaning Facilities List is comprised of data from the FDEP Storage Tank and Contamination Monitoring (STCM) database and the Drycleaning Solvent Cleanup Program- Priority Ranking List. It contains a listing of those Dry Cleaning sites (and suspected historical Dry Cleaning sites) who have registered with the FDEP and/or have applied for the Dry Cleaning Solvent Cleanup Program.

Agency File Date: 7/27/2023 **Received by EDM:** 8/1/2023 **EDM Database Updated:** 8/1/2023

Institutional and/or Engineering Controls(INSTENG)

The FDEP Institutional Controls Registry Database (INSTENG) contains sites that have had Institutional and/or Engineering Controls implemented to regulate exposure to environmental hazards

Agency File Date: 6/23/2023 **Received by EDM:** 7/20/2023 **EDM Database Updated:** 7/20/2023

Leaking Underground Storage Tanks List(LUST)

The FDEP LUST list identifies facilities and/or locations that have notified the FDEP of a possible release of contaminants from petroleum storage systems. This Report is generated from the FDEP Storage Tank and Contamination Monitoring Database (STCM).

Agency File Date: 7/28/2023 **Received by EDM:** 7/28/2023 **EDM Database Updated:** 7/28/2023

Solid Waste Facilities List_Landfills(SLDWST_LF)

The SLDWST_LF list identifies locations that have conducted solid waste landfill activities as determined by the applicable FDEP Facility Classifications. Sites listed with "##" after the Facility ID Number are historical locations, obtained from documents on record at local agencies.

Agency File Date: 8/1/2023 **Received by EDM:** 8/1/2023 **EDM Database Updated:** 8/1/2023

State CERCLIS/SEMS Equivalent(STCERC)

The STCERC list is compiled from the FDEP Site Investigation Section list, the Florida SITES list(historical) and the FDEP Cleanup Sites list. These sites are being assessed and/or cleaned up as a result of identified or suspected contamination from the release of hazardous substances. The FDEP Cleanup Sites list programs include: Brownfields, Petroleum, EPA Superfund (CERCLA), Drycleaning, Responsible Party Cleanup, State Funded Cleanup, State Owned Lands Cleanup and Hazardous Waste Cleanup.

Agency File Date: 7/17/2023 **Received by EDM:** 7/2/2023 **EDM Database Updated:** 7/27/2023

State NPL Equivalent(STNPL)

The FDEP State Funded Cleanup list contains facilities and/or locations where there are no viable responsible parties; the site poses an imminent hazard; and the site does not qualify for Superfund or is a low priority for EPA. Remedial efforts at these sites are currently being addressed through State funded cleanup action.

Agency File Date: 6/19/2023 **Received by EDM:** 7/12/2023 **EDM Database Updated:** 7/12/2023

Underground/Aboveground Storage Tanks(TANKS)

The FDEP TANKS list contains sites with registered aboveground and underground storage tanks containing regulated petroleum products.

Agency File Date: 6/1/2023 **Received by EDM:** 6/1/2023 **EDM Database Updated:** 6/2/2023

Voluntary Cleanup List(VOLCLNUP)

The VOLCLNUP List is derived from the FDEP Brownfields Site Rehabilitation Agreement (BSRA) database, the FDEP ERIC Waste Cleanup database and the FDEP Office of Waste Cleanup Responsible Party Sites database (not available as of June 2021). The VOLCLNUP List identifies sites that have signed an agreement to Voluntarily cleanup a site and/or sites where legal responsibility for site rehabilitation exists pursuant to Florida Statutes and is being conducted either voluntarily or pursuant to enforcement activity.

Agency File Date: 5/1/2023 **Received by EDM:** 5/3/2023 **EDM Database Updated:** 5/3/2023

United States Environmental Protection Agency (EPA)

Comp Env Resp, Compensation & Liability Info Sys List(CERCLIS)

The US EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database tracks potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are proposed to be on the NPL, are on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL. The CERCLIS database was retired in November of 2013 and has been replaced by the Superfund Enterprise Management System (SEMS).

Agency File Date: 11/12/2013 **Received by EDM:** 2/18/2016 **EDM Database Updated:** 2/18/2016

RCRIS Handlers with Corrective Action(CORRACTS)

The US EPA Corrective Action Sites (CORRACTS) database is a listing of hazardous waste handlers that have undergone RCRA corrective action activity.

Agency File Date: 5/22/2023 **Received by EDM:** 5/25/2023 **EDM Database Updated:** 5/25/2023

Archived Cerclis Sites(NFRAP)

The US EPA NFRAP list contains archived data of CERCLIS records where the EPA has completed assessment activities and determined that no further steps to list the site on the NPL will be taken. NFRAP sites may be reviewed in the future to determine if they should be returned to CERCLIS based upon newly identified contamination problems at the site. The NFRAP database was retired in November of 2013 and has been replaced by the Superfund Enterprise Management System (SEMS) .

Agency File Date: 10/25/2013 **Received by EDM:** 2/18/2016 **EDM Database Updated:** 2/18/2016

National Priorities List(NPL)

The US EPA National Priorities List (NPL) contains facilities and/or locations where environmental contamination has been confirmed and prioritized for cleanup activities under the Superfund Program. EDM's NPL Report includes sites that are currently on the NPL as well as sites that have been Proposed, Withdrawn and/or Deleted from the list. Previously, information for the NPL was managed under the CERLIS data management system. In 2014 this system was replaced with the Superfund Enterprise Management System (SEMS). EPA last updated CERCLIS in November of 2013. EDM's NPL Report contains available SEMS data and the archived CERCLIS data relative to NPL sites.

Agency File Date: 7/11/2023 **Received by EDM:** 7/11/2023 **EDM Database Updated:** 7/11/2023

NPL Liens List(NPLLIENS)

The US EPA NPL Liens List identifies those sites where under authority granted by CERCLA, liens have been filed against real property in order to recover expenditures from remedial action or when the property owner receives a notice of potential liability.

Agency File Date: 6/22/2023 **Received by EDM:** 7/11/2023 **EDM Database Updated:** 7/11/2023

SEMS Active Site Inventory List(SEMSACTV)

The US EPA Superfund Enterprise Management System (SEMS) tracks potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. The SEMSACTV list contains sites that are on the National Priorities List (NPL) as well as sites that are prosposed for or in the screening and assessment phase for possible inclusion on the NPL. SEMS has replaced the CERCLIS database, which was retired in November of 2013.

Agency File Date: 4/26/2023 **Received by EDM:** 5/24/2023 **EDM Database Updated:** 5/24/2023

SEMS Archived Site Inventory List(SEMSARCH)

The US EPA Superfund Enterprise Management System (SEMS), contains archived data of CERCLIS or SEMS records where the EPA has completed assessment activities and determined that no further steps to list the site on the NPL will be taken. These sites may be reviewed in the future to determine if they should be returned to SEMS based upon newly identified contamination problems at the site. SEMS has replaced the CERCLIS database, which was retired in November of 2013. The SEMSARCH database contains these newly archived records under the SEMS database management system.

Agency File Date: 4/26/2023 **Received by EDM:** 5/24/2023 **EDM Database Updated:** 5/24/2023

Tribal Lust List(TRIBLLUST)

EDM's Tribal LUST list is derived from the USEPA Region IV Tribal Tanks database by extracting those sites with indicators of past and/or current releases.

Agency File Date: 2/24/2010 **Received by EDM:** 3/9/2010 **EDM Database Updated:** 3/9/2010

Tribal Tanks List(TRIBLTANKS)

The USEPA Region IV Tribal Tanks database lists Active and Closed storage tank facilities on Native American lands.

Agency File Date: 2/24/2010 **Received by EDM:** 3/9/2010 **EDM Database Updated:** 3/9/2010

RCRA-Treatment, Storage and/or Disposal Sites(TSD)

The EDM TSD list is a subset of the US EPA RCRAInfo system and identifies facilities that Treat, Store and/or Dispose of hazardous waste.

Agency File Date: 5/22/2023 **Received by EDM:** 5/23/2023 **EDM Database Updated:** 5/24/2023

Brownfields Management System(USBRWNFLDS)

The US EPA Brownfields program provides information on environmentally distressed properties that have received Grants or Targeted funding for cleanup and redevelopment . Tribal Brownfield sites are included in the USBRWNFLDS database.

Agency File Date: 5/25/2023 **Received by EDM:** 5/25/2023 **EDM Database Updated:** 5/30/2023

Institutional and/or Engineering Controls(USINSTENG)

The USINSTENG list is compiled from data elements contained in the NPL, CORRACTS, USBRWNFLDS and RCRAInfo databases.

Agency File Date: 5/25/2023 **Received by EDM:** 5/25/2023 **EDM Database Updated:** 5/30/2023

Environmental Impact Areas

Brownfield Areas and Sites

The FDEP Brownfields database contains a listing of State Designated Brownfield Areas and Brownfield Sites. Brownfields are typically defined as abandoned, idled or underused industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Agency File Date: 4/28/2023 **Received by EDM:** 5/2/2023 **EDM Database Updated:** 5/3/2023

https://floridadep.gov/waste/waste-cleanup/content/brownfields-program

Cattle Dipping Vats

From the 1910's through the 1950's, vats were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides such as DDT where 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.

Some of the sites have been located and are currently under investigation. However, most of the listings are from old records of the State Livestock Board, which listed each vat as it was put into operation. In addition, some privately operated vats may have existed which were not listed by the Livestock Board. EDM's Cattle Dipping Vat sites are retrieved from the Voluntary Cleanup and STCERC datablases. For additional information on Cattle Dipping Vats visit the FDEP and FDOH websites at:

Agency File Date: 10/31/2018 **Received by EDM:** 1/25/2019 **EDM Database Updated:** 1/25/2019

https://floridadep.gov/waste/district-business-support/content/cattle-dipping-vats-cdv

http://www.floridahealth.gov/environmental-health/drinking-water/cattledipvathome.html

Formerly Used Defense Sites

The DoD is responsible for the environmental restoration of properties that were formerly owned by, leased to or otherwise possessed by the United States and operated under the jurisdiction of the Secretary of Defense prior to October 1986. Such properties are known as Formerly Used Defense Sites (FUDS). The Army is the executive agent for the program and the U.S. Army Corps of Engineers manages and directs the program's administration. For more information on the FUDS Program, including maps and data on individual sites, visit the Army Corps of Engineers website at:

Agency File Date: 5/29/2018 **Received by EDM:** 1/25/2019 **EDM Database Updated:** 1/25/2019

http://www.usace.army.mil/Missions/Environmental/Formerly-Used-Defense-Sites/

FUDS Munitions Response Sites

The DoD developed the Military Munitions Response Program (MMRP) in 2001 to addresses munitions-related concerns, including explosive safety, environmental, and health hazards from releases of unexploded ordnance (UXO), discarded military munitions (DDM), and munitions constituents (MC) found at locations, other than operational ranges, on active and Base Realignment and Closure (BRAC) installations and Formerly Used Defense Sites (FUDS) properties. The MMRP addresses non-operational range lands with suspected or known hazards from munitions and explosives of concern (MEC) which occurred prior to September 2002, but are not already included with an Installation Response Program (IRP) site cleanup activity. For more information on the FUDS MMRP Program, including maps and data on individual sites, visit the Army Corps of Engineers website at:

Agency File Date: 5/14/2018 **Received by EDM:** 1/25/2019 **EDM Database Updated:** 1/25/2019

http://www.asaie.army.mil/Public/ESOH/mmrp.html

Groundwater Contamination Areas

The Ground Water Contamination Areas GIS layer is a statewide map showing the boundaries of delineated areas of known groundwater contamination pursuant to Chapter 62-524, F.A.C., New Potable Water Well Permitting In Delineated Areas. 38 Florida counties have been delineated primarily for the agricultural pesticide ethylene dibromide (EDB), and to a much lesser extent, volatile organic and petroleum contaminants. This GIS layer represents approximately 427,897 acres in 38 counties in Florida that have been delineated for groundwater contamination. However, it does not represent all known sources of groundwater contamination for the state of Florida.

This information is intended to be used by regulatory agencies issuing potable water well construction permits in areas of ground water contamination to protect public health and the ground water resource. Permitted water wells in these areas must meet specific well construction criteria and water testing prior to well use. This dataset only indicates the presence or absence of specific groundwater contaminants and does not represent all known sources of groundwater contamination in the state of Florida.

Agency File Date: 8/15/2022 **Received by EDM:** 8/15/2022 **EDM Database Updated:** 9/7/2022

https://floridadep.gov/water/source-drinking-water/content/delineated-areas

Institutional Controls

The FDEP Institutional Controls GIS layer is a statewide map showing the approximate boundaries of delineated areas where Institutional Controls are in place.

An institutional control provides for certain restrictions on a property. For example, a site may be cleaned up to satisfy commercial contamination target levels and an institutional control may be placed on that property indicating that it may only be used for commercial activities. If the owner of the property ever wanted to use that property for residential purposes, the owner would have to ensure that any contamination meets residential target levels.

The locational data for this layer is provided by the responsible party and reviewed by FDEP staff. Neither FDEP or EDM assumes respondibility for the accuracy of the boundary data.

Agency File Date: 6/23/2023 **Received by EDM:** 7/20/2023 **EDM Database Updated:** 7/20/2023

https://ca.dep.state.fl.us/mapdirect/?webmap=cff8d21797184421ab4763d3e4a01e48

National Priorities List

The US EPA National Priorities List (NPL) contains facilities and/or locations where environmental contamination has been confirmed and prioritized for cleanup activities under the Superfund Program. EDM's NPL site boundaries data include sites that are currently on the NPL as well as sites that have been Proposed, Withdrawn and/or Deleted from the list.

Agency File Date: 11/14/2018 **Received by EDM:** 12/10/2018 **EDM Database Updated:** 1/22/2019

https://www.epa.gov/superfund/search-superfund-sites-where-you-live

Solid Waste Facilities

The FDEP SLDWST list identifies locations that have been permitted to conduct solid waste handling activities.

Agency File Date: 7/27/2023 **Received by EDM:** 8/1/2023 **EDM Database Updated:** 8/2/2023

https://floridadep.gov/waste

State Funded Cleanup Sites

The FDEP State Funded Cleanup list contains facilities and/or locations where there are no viable responsible parties; the site poses an imminent hazard; and the site does not qualify for Superfund or is a low priority for EPA. Remedial efforts at these sites are currently being addressed through State funded cleanup action.

Agency File Date: 6/19/2023 **Received by EDM:** 7/12/2023 **EDM Database Updated:** 7/13/2023

https://floridadep.gov/waste/waste-cleanup/documents/state-funded-cleanup-program-site-list

APPENDIX E SUPPLEMENTAL INFORMATION

SITE 1 – DEVOE PONTIAC BUICK INFINITI VOLVO INC / BONITA SPRINGS MITSUBISHI / BONITA SPRINGS INFINITI

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road, Tallahassee, Florida, 32399-2400
Division of Waste Management
Petroleum Storage Systems
Storage Tank Facility Annual Compliance Site Inspection Report

Facility Information:

Facility ID: 9813692 County: LEE Inspection Date: 11/07/2016
Facility Type: C - Fuel user/Non-retail
Facility Name: BONITA SPRINGS INFINITI # of Inspected ASTs: 2
28480 S TAMIAMI TRL USTs: 0
BONITA SPRINGS, FL 34134 Mineral Acid Tanks: 0
Latitude: 26° 19' 23.0458"
Longitude: 81° 48' 25.1688"
LL Method: DPHO

Inspection Result:

Result: In Compliance

Also Performed:

Financial Responsibility:

Financial Responsibility: EXEMPT-NON REGULATED

Insurance Carrier:

Effective Date: Expiration Date:

Findings:

Signatures:

TKLENR - LEE COUNTY DIVISION OF NATURAL RESOURCES

Storage Tank Program Office

(239) 533-8129

Storage Tank Program Office Phone Number

Facility ID: 9813692

Chris A. Zimmerman	Joe Parisi
INSPECTOR NAME	**REPRESENTATIVE NAME**
INSPECTOR SIGNATURE	**REPRESENTATIVE SIGNATURE**

Owners of UST facilities are reminded that the Federal Energy Policy Act of 2005 and 40 CFR 280 Subpart J, requires Operator Training at all facilities by October 15, 2018. For further information please visit: http://www.dep.state.fl.us/waste/categories/tanks/pages/op_train.htm

Reviewed Records

Record Category	Record Type	From Date	To Date	Reviewed Record Comment
Two Years	Monthly Maint. Visual Examinations and Results	05/01/2014	11/01/2016	Records associated with monthly visuals

Inspection Comments

11/07/2016

Checked required documentation (RDRL, Visuals, insurance, maintenance records, etc..) along with required storage tank components (Tanks, lines, spill buckets, hoses, etc...)

Updated registration info as needed.

Alarm/Maintenance History:
Nothing significant to note.

It was questionable as to weather the tanks were greater then 550 gals. Measurements of the tanks were taken and it was determine that the primary tanks were approx. 550gal or less. Registration was updated and submitted to FDEP. This facility does not have any other regulated tanks.

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road, Tallahassee, Florida, 32399-2400
Division of Waste Management
Petroleum Storage Systems
Storage Tank Facility Routine Compliance Site Inspection Report

Facility Information:

Facility ID: 9800304 County: LEE Inspection Date:03/30/2021
Facility Type: C - Fuel user/Non-retail
Facility Name: BONITA SPRINGS MITSUBISHI # of inspected ASTs: 1
28450 TRAILS EDGE BLVD USTs: 0
BONITA SPRINGS, FL 34134 Mineral Acid Tanks: 0
Latitude: 26° 19' 22.8109"
Longitude: 81° 48' 25.1196"
LL Method: DPHO

Inspection Result:

Result: In Compliance

Signatures:

TKLENR - LEE COUNTY DIVISION OF NATURAL RESOURCES (239) 533-8129

Storage Tank Program Office and Phone Number

Mark Allen Sautter — **Inspector Name**

Steve Whittaker — **Representative Name**

Inspector Signature
Principal Inspector
LEE COUNTY DIVISION OF NATURAL RESOURCES

No Signature

Representative Signature
DeVoe Autos

Owners of UST facilities are reminded that the Federal Energy Policy Act of 2005 and 40 CFR 280 Subpart J requires Operator Training at all facilities by October 13, 2018. For further information please visit: https://floridadep.gov/waste/permitting-compliance-assistance/content/underground-storage-tank-operator-training

Financial Responsibility:

Financial Responsibility: INSURANCE

Insurance Carrier: LIBERTY SURPLUS INSURANCE CORP

Effective Date: 09/10/2020 Expiration Date: 09/10/2021

Completed System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Annual Operability - Release Detection	08/11/2020	Passed	03/30/2021	08/11/2021	Tests conducted by facility personnel

Reviewed Records

Record Category	Record type	From Date	To Date	Reviewed Record Comment
Two Years	Monthly Maint. Visual Examinations and Results	03/25/2015	09/05/2017	Records associated with monthly visuals.
Two Years	Certificate of Financial Responsiblity	09/10/2017	03/30/2021	Parts P and D
Two Years	Monthly Maint. Visual Examinations and Results	09/05/2017	03/30/2021	Records associated with monthly visuals.

Site Visit Comments

03/30/2021
One (1) 10,000 gallon AST Highland tank containing unleaded gasoline: UL-2085/EQ-673.
Release detection consists of Monthly Visual Inspections of the visual portions of the AST and Krueger Gauge for leak detection.
SPILL CONTAINMENT: Single-walled steel, OPW Pomeco: EQ-226
Product label present
OVERFILL DETECTION: Krueger fuel level gauge: EQ-730

Inspection Comments

03/30/2021
Based upon the current pandemic concerns, signatures were not required during the inspection

Inspection Photos

Added Date 03/30/2021

Updated site photo

LEE COUNTY
SOUTHWEST FLORIDA
BOARD OF COUNTY COMMISSIONERS

John E. Manning
District One

Cecil L Pendergrass
District Two

Larry Kiker
District Three

Brian Hamman
District Four

Frank Mann
District Five

Roger Desjarlais
County Manager

Donna Marie Collins
Hearing Examiner

Richard Wm. Wesch
Couunty Attorney

October 17, 2022

ID:9803805
District:SD
Facility Name:DEVOE PONTIAC BUICK INFINITI VOLVO INC
County:LEE
Address:
28450 S TAMIAMI TRL
Type:Fuel user/Non-retail
City/State:BONITA SPRINGS, FL 34134
Status:OPEN
Contact:JOE DICLAUDIO
Latitude:26° 19' 22.8267"
Phone:(239) 597-6011

RE: **Return to Compliance**

Dear Sirs:

A storage tanks inspection and file review were conducted at the above noted facility by the Lee, Charlotte & Desoto County Storage Tanks Program, on behalf of the Florida Department of Environmental Protection. Based on the information provided during and following the inspection, the facility was determined to be out of compliance with the Department's storage tank rules and regulations. However, based on the information provided the facility was determined to have returned to compliance with the Department's Storage Tank rules and regulations.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Keith Kleinmann at (239) 822-6399 or kkleinmann@leegov.com.

Sincerely,

Keith Kleinmann
Environmental Specialist, SR.

SITE 2 – SPRINGS PLAZA SEWER SYSTEM

FLORIDA

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

August 25, 1994

Robert A. Graves, Vice President
Forty One Corporation
41 South High Street
Columbus, OH 43287

RE: Springs Plaza Sewer System
28239 South US 41
Bonita Springs, FL
DEP Facility No.: 369400174

Dear Mr. Graves:

The Bureau of Waste Cleanup has reviewed the Contamination Assessment Report (CAR) and No Further Action Proposal (NFAP) addendum dated July 14, 1994 (received July 15, 1994), submitted for this site. Documentation submitted with the NFAP confirms that criteria set forth in Section 62-770.630(3), Florida Administrative Code (F.A.C.) have been met. The NFAP is hereby incorporated by reference in this Order. Therefore, you are released from any further obligation to conduct site rehabilitation at the site, except as set forth below.

If a subsequent discharge of petroleum or petroleum product occurs at the site, the Department may require site rehabilitation in order to reduce contaminant concentrations to the levels approved through review of the NFAP or otherwise allowed by Chapter 62-770, F.A.C.

Additionally, you are required to properly abandon all monitoring wells except compliance wells required by Chapter 62-761 F.A.C. for release detection. The wells must be abandoned in accordance with the requirements of Section 62-532.500(4) F.A.C.

Persons whose substantial interests are affected by this Site Rehabilitation Completion Order have a right to challenge the Department's decision. Such a challenge may include filing a petition for an administrative determination (hearing) as described in the following paragraphs. However, pursuant to

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Chapter 62-103, F.A.C., you may request an extension of time to file the Petition. All requests for extensions of time or petitions for administrative determinations must be filed directly with the Department's Office of General Counsel at the address given below within twenty-one (21) days of receipt of this notice (do not send them to the Bureau of Waste Cleanup).

Notwithstanding the above, a person whose substantial interests are affected by this Site Rehabilitation Completion Order may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within twenty-one (21) days of receipt of this notice. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the Department file number (DEP facility number), and the name and address of the facility;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by each petitioner, if any;

(e) A statement of facts which each petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes each petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by each petitioner, stating precisely the action each petitioner wants the Department to take with respect to the Department's action or proposed action.

This Site Rehabilitation Completion Order is final and effective on the date of receipt of this Order unless a petition (or time extension) is filed in accordance with the preceding paragraphs. Upon the timely filing of a petition, this Order will not be effective until further order of the Department.

When the Order is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section

SITE MANAGER SUMMARY REPORT

Facility ID#	369400174
Facility Name:	Springs Plaza Sewer System
Facility Address:	28239 S US 41 Bonita Springs

Discharge 1

Lead Agency:	LP
Score:	*No Score*
Technical Status	NFA

A discharge reporting form was submitted 8/93 in response to elevated OVA readings taken from around the fill pipe and confirmation of groundwater contamination by lab analysis (EPA Methods 602/610) of water sample collected during diesel tank removal activities. Free floating product was also observed in the water in the excavation. The assessment was initiated 12/93 and finalized 7/94. The discharge was granted No Further Action status 8/25/94.

LCAR Needed	No
Discharge Date:	8/19/93
Program:	No Program
Eligibility Status:	No Eligibility Info Available
Determination Date:	
Discharge Combined:	No
Funding Cap:	NA
Deductible Amount:	NA
Deductible Paid:	NA

AMOUNT SPENT

State Cleanup	NA
Utility Invoices	NA
NPDES Permits	NA
Reimbursement	NA
Preapproval	NA

CAP AMOUNT REMAINING NA

SEE ATTACHED STCM REPORT SCREEN

REVIEWED BY	**York STB, Inc.**
REVIEWER	**Stephanie Perkins**
DATE	**5/26/04**

SITE 3 – 7-ELEVEN STORE #34806

APTIM
725 U.S. Highway 301 South
Tampa, Florida 33619
www.aptim.com

QUARTERLY NATURAL ATTENUATION MONITORING REPORT

7-Eleven Store No. 34806
28175 Tamiami Trail
Bonita Springs, Lee County, Florida 33923
FDEP Facility ID No. 36/8944111
FDEP LSSI Work Order No. 2019-95-W1961B

April 20, 2020

Submitted To:

Mr. Larry Smith, P.G.
NorthStar Contracting Group, Inc.
Petroleum Restoration Program Team 5, Site Manager
508-A Capital Circle Southeast
Tallahassee, Florida 32301

Prepared by: _____ Date: 4/20/20
Brett Bohentin
Project Manager

Reviewed by: _____ Date: 4/20/20
Monika Ugrinska
Project Manager

APTIM
725 U.S. Highway 301 South
Tampa, Florida 33619
www.aptim.com

PROFESSIONAL CERTIFICATION

PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF FLORIDA

For

QUARTERLY NATURAL ATTENUATION MONITORING REPORT

7-Eleven Store No. 34806
28175 Tamiami Trail
Bonita Springs, Lee County, Florida 33923
FDEP Facility ID No. 36/8944111
FDEP LSSI Work Order No. 2019-95-W1961B

In accordance with the provisions of Florida Statutes, Chapter 492 the Quarterly Natural Attenuation Monitoring Report for the above-referenced facility was prepared under the direct supervision of a Professional Geologist in the State of Florida. This report has been determined to be in accordance with good professional geological practices pursuant to Chapter 492 of the Florida Statutes and Chapter 62-780, Florida Administrative Code (FAC) as it applies to the work described herein.

The data, findings, recommendations, specifications or professional opinions were prepared solely for the use of 7-Eleven, Inc., Lee County, and the State of Florida Department of Environmental Protection. Aptim Environmental & Infrastructure, LLC makes no other warranty; either expressed or implied and is not responsible for the interpretation by others of these data. Moreover, I certify that Aptim Environmental & Infrastructure, LLC holds an active certificate of authorization No. GB409.

Jason L. Whitman P.G., CHMM
Professional Geologist No. 2379

Date: 4/20/20

1.0 INTRODUCTION

Aptim Environmental & Infrastructure, LLC (APTIM), on behalf of 7-Eleven, Inc. (7-Eleven), presents the following Quarterly Natural Attenuation Monitoring Report for the 7-Eleven Store No. 34806 facility located at 28175 S. Tamiami Trail, Bonita Springs, Lee County, Florida. 7-Eleven is the Real Property Owner of the above referenced site as well as the Responsible Party for the discharges dated December 10, 1988 (Early Detection Incentive (EDI)), April 23, 1990 (Petroleum Cleanup Participation Program (PCPP)), June 18, 1990 (PCPP), and April 11, 2005 (Site Rehabilitation Funding Allocation (SRFA)). A copy of the Florida Department of Environmental Protection (FDEP) Low Score Site Initiative (LSSI) Work Order No. 2020-95-W2546B is provided in **Appendix A**.

A Site Map depicting the property boundaries, locations of monitoring wells, current/historic underground storage tanks (UST), known utilities, and other pertinent site features is included as **Figure 1**.

2.0 BACKGROUND

The site is an active 7-Eleven retail gasoline station located at 28175 Tamiami Trail, Bonita Springs, Lee County, Florida.

The original UST system consisted of four (4) 10,000-gallon capacity unleaded gasoline USTs that were installed on April 1, 1978. The USTs were located in the southeastern portion of the Subject Property. The USTs were removed in April 2005 and were replaced with two (2) 15,000-gallon capacity unleaded USTs and one (1), 20,000-gallon capacity compartmentalized diesel/premium unleaded UST. The new USTs were installed in the western-central portion of the Subject Property.

The site has four (4) historical discharges dated December 10, 1988, April 23, 1990, June 18, 1990, and April 11, 2005. The December 10, 1988 discharge was filed based on the groundwater exceedances reported in on-site monitoring wells. The discharge was determined eligible for rehabilitation funding under the EDI program on September 18, 1991. The April 23 and June 18, 1990, discharges were filed based on a contractor causing a release of unleaded gasoline when product pipes were damaged during assessment activities. Both discharges were ineligible for funding under the Florida Petroleum Liability and Restoration Insurance Program; however, they were determined eligible for rehabilitation funding under the PCPP Program on May 17, 2010. The April 11, 2005, discharge was filed when a product pipe containing unleaded gasoline was ruptured during the removal of the four (4) 10,000-gallon USTs. A SRFA Agreement was approved; however, a cost share for the release was not implemented due to the FDEP determining an extensive amount of the source was removed as part of the UST system replacement activities.

Site assessment and remediation activities were conducted at the site from 1988 through 1995. A Contamination Assessment Report was approved which documented soil and groundwater impacts in the area of the historical USTs and fuel dispensers. A Remedial Action Plan was approved which included a groundwater pump and treatment system utilizing four (4) recovery wells and an air stripper in conjunction with a soil vapor extraction system with off-gas treatment. The remediation system was activated on May 15, 1992 and operated until May 27, 1995. The remediation system was shut down due to legislative changes.

During the UST system replacement activities conducted in 2005, a total of 1,071 tons of petroleum impacted soil was removed from the site in the areas of the historic and current USTs. A Limited Closure Assessment Report submitted in 2005 documented slight groundwater exceedances in the area of the historic USTs.

On December 21, 2018, APTIM submitted a General Site Assessment Report to the FDEP documenting soil and groundwater assessment activities conducted under LSSI WO No. 2018-95-W0953B.

On August 23, 2019 and January 24, 2020, APTIM submitted Quarterly NAM Reports to the FDEP documenting groundwater assessment activities conducted under LSSI WO No. 2019-95-W1961B.

3.0 GROUNDWATER ELEVATION DATA

On April 6, 2020, APTIM collected depth-to-water (DTW) measurements from monitoring wells MW-1A, MW-2A, MW-3A, MW-4A, MW-5A, MW-6A, MW-6DA, MW-7A, MW-8A, MW-9A, MW-10A, MW-11A, MW-12A, MW-21, MW-22, MW-23, MW-24, and MW-25 using a Heron Instruments water probe capable of measuring depth to groundwater to within 0.01 foot. Liquid-phase hydrocarbons were not detected during the gauging event. The average DTW was 4.33 feet below land surface (ft bls). The interpreted groundwater flow direction was toward the northwest.

A Groundwater Elevation Table is provided in **Table 1**. A Groundwater Elevation Contour Map for the April 6, 2020, gauging event is illustrated on **Figure 2**.

4.0 GROUNDWATER SAMPLING AND ANALYSIS

On April 6, 2020, APTIM collected groundwater samples from monitoring wells MW-1A, MW-9A MW-10A, MW-11A, MW-12A, MW-21, MW-22, MW-23, MW-24, and MW-25. All groundwater samples were collected in accordance with the FDEP Sampling Standard Operating Procedure and were submitted Advanced Environmental Laboratories, Inc. in Tampa, Florida (Florida Department of Health No. E85489), for analysis using the United States Environmental Protection Agency (EPA)

Method 8260B for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) including Methyl-tert-butyl-ether (MTBE).

A review of the laboratory analytical report indicated contaminant concentrations below the Groundwater Cleanup Target Levels (GCTL) in all monitoring wells sampled.

A Groundwater Analytical Summary is provided in **Table 2**. A Groundwater BTEX and MTBE Concentration Map for the April 6, 2020, groundwater sampling event is illustrated on **Figure 3**. Copies of the FDEP Groundwater Sampling Logs, YSI Calibration Sheets, Groundwater Laboratory Analytical Report, Groundwater QA/QC Report, and Groundwater Chain-of-Custody Documentation are provided in **Appendix B**. Field notes for the April 6, 2020, groundwater sampling activities are provided in **Appendix C**.

5.0 CONCLUSIONS and RECOMMENDATIONS

Results of the April 6, 2020 groundwater assessment activities indicated:

- The average DTW was 4.33 ft bls. The interpreted groundwater flow was towards the northwest.

- Groundwater samples collected on April 6,2020, reported contaminant below the GCTL in all monitoring wells sampled.

- APTIM recommends abandonment of all monitoring wells on site in preparation for site closure.

TABLES

TABLE 1: GROUNDWATER ELEVATION DATA

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/8944111

WELL NO.	MW-1A			MW-2A			MW-3A			MW-4A			MW-5A			MW-6A			MW-6DA		
DIAMETER (inches)	2			2			2			2			2			2			2		
WELL DEPTH (ft bls)	12.00			12.00			12.00			12.00			12.00			12.55			30.00		
SCREEN INTERVAL (feet)	2.00 - 12.00			2.00 - 12.00			2.00 - 12.00			2.00 - 12.00			2.00 - 12.00			2.55 - 12.55			25.00 - 30.00		
TOC ELEVATION	10.18			9.54			9.79			9.81			10.09			10.00			9.77		
TOC ELEVATION (as of 12/5/19)	12.95			13.62			13.37			13.34			13.05			13.08			13.34		
DATE	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP
07/12/05	2.86	7.32		3.55	5.99		3.79	6.00		3.92	5.89		4.15	5.94		4.07	5.93		4.50	5.27	
02/19/18	3.93	6.25		3.85	5.69		3.71	6.08		4.24	5.57		4.41	5.68		4.45	5.55		3.81	5.96	
05/21/18																					
07/29/19																					
12/05/19	3.99	8.96		4.62	9.00		3.15	10.22					4.09	8.96		4.11	8.97		4.36	8.98	
04/06/20	4.06	8.89		3.58	10.04		3.65	9.72		4.21	9.13		4.32	8.73		4.32	8.76		4.57	8.77	

WELL NO.	MW-7A			MW-8A			MW-9A			MW-10A			MW-11A			MW-12A			MW-21		
DIAMETER (inches)	2			2			2			2			2			2			2		
WELL DEPTH (ft bls)	11.80			12.00			12.00			12.00			12.00			12.00			12.00		
SCREEN INTERVAL (feet)	1.80 - 11.800			2.00 - 12.00			2.00 - 12.00			2.00 - 12.00			2.00 - 12.00			2.00 - 12.00			2.00 - 12.00		
TOC ELEVATION	10.20			10.53			14.80			14.96			14.87			14.41			10.25		
TOC ELEVATION (as of 12/5/19)	12.92			12.57			13.88			13.54			13.47			12.97			13.50		
DATE	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP
07/12/05	3.18	7.02		2.25	8.28																
02/19/18	4.03	6.17		3.84	6.69																
05/21/18							4.41	10.39		4.56	10.40		4.46	10.41		3.97	10.44				
07/29/19																			3.11	7.14	
12/05/19	3.89	9.03		3.53	9.04		4.43	9.45		4.69	8.85		4.62	8.85		3.76	9.21		4.54	8.96	
04/06/20	4.04	8.88		3.28	9.29		4.73	9.15		4.90	8.64		4.83	8.64		4.42	8.55		4.51	8.99	

TABLE 1: GROUNDWATER ELEVATION DATA

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/8944111

WELL NO.	MW-22			MW-23			MW-24			MW-25											
DIAMETER (inches)	2			2			2			2											
WELL DEPTH (ft bls)	5.65			12.00			12.00			12.00											
SCREEN INTERVAL (feet)	0.65 - 5.65			2.00 - 12.00			2.00 - 12.00			2.00 - 12.00											
TOC ELEVATION	10.54			9.89			10.10			9.64											
TOC ELEVATION (as of 12/5/19)	13.86			13.17			13.33			12.91											
DATE	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP	DTW	ELE	FP
07/12/05																					
02/19/18																					
05/21/18																					
07/29/19	3.30	7.24		2.88	7.01		3.17	6.93		2.72	6.92										
12/05/19	4.74	9.12		4.28	8.89		4.54	8.79		4.06	8.85										
04/06/20	4.97	8.89		4.5	8.67		4.74	8.59		4.28	8.63										

Notes:

DTW = depth to water
ELE = elevation
ft bls = feet below land surface
FP = free product
TOC = top of casing
No Data = Blank

Florida Department of Environmental Protection -- Bureau of Waste Cleanup -- Petroleum Cleanup Section

TABLE 2: GROUNDWATER ANALYTICAL SUMMARY

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/8944111

Sample		Laboratory Analysis (µg/L)																								
ID Number	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Ethylene Dibromide (EDB)	TRPH	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Phenanthrene	Pyrene
GCTLs		**1**	**40**	**30**	**20**	**20**	**0.02**	**5,000**	**20**	**210**	**2,100**	**0.05**	**0.2**	**0.05**	**210**	**0.5**	**4.8**	**0.005**	**280**	**280**	**0.05**	**14**	**28**	**28**	**210**	**210**
NADCs		**100**	**400**	**300**	**200**	**200**	**2**	**50,000**	**200**	**2,100**	**21,000**	**5**	**20**	**5**	**2,100**	**50**	**480**	**0.5**	**2,800**	**2,800**	**5**	**140**	**280**	**280**	**2,100**	**2,100**
MW-1A	03/06/91	**514**	**38,900**	**3,290**	**23,400**	**<25**																				
		ABANDONED/DESTROYED																								
MW-1A	07/12/05	<0.19	**63.9**	<0.20	<0.50	<0.20		854 (J4)	<0.42	<0.19	<0.46	<0.08	<0.05	<0.06	<0.13	<0.05	<0.09	<0.16	<0.15	<0.14	<0.14	<0.39	<0.43	<0.54	<0.26	<0.16
	02/19/18	0.200 U	0.170 U	0.190 U	0.580 U	0.170 U	0.00616 U	93.5 (U, J3)	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0231 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0480 (I)	0.0463 U
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U																				
	04/06/20	0.20 U	0.45 U	0.26 U	0.74 U	0.41 U																				
MW-2	03/06/91	**154**	**843**	**474**	**1,020**	**36.3**																				
	08/04/92	**47**	**770**	**450**	**1,000**	<0.9																				
	12/15/92	**26**	**76**	**87**	**120**	11																				
	03/16/93	**8**	**150**	**76**	**280**	**<50**																				
	06/15/93	**9**	3	**68**	**147**	<1																				
	09/21/93	**7**	2	**97**	**142**	<1																				
	01/04/94	**33**	<5	**115**	**53**	<5																				
	11/23/04	**234**	30.0 (V)	4.0 (I)	**106**	**8,580 (V)**			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	4.88	3.99	6.55	<0.39	<0.14
		ABANDONED/DESTROYED																								
MW-2A	07/12/05	<0.19	2.2	<0.20	<0.50	2.8		616 (J4)	<0.42	<0.19	<0.46	<0.08	<0.05	<0.06	<0.13	<0.05	<0.09	<0.16	<0.15	<0.14	<0.14	<0.39	<0.43	<0.54	<0.26	<0.16
	02/19/18	0.200 U	0.170 U	0.190 U	0.580 U	0.170 U	0.00605 U	93.5 (U, J3)	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0231 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0473 (I)	0.0463 U
MW-3	03/06/91	**1,470**	**26,800**	**3,750**	**15,800**	**682**																				
	08/04/92	**8.8**	**57**	**1,300**	**2,900**	<1.8																				
	12/15/92	**30**	**<50**	**750**	**3,200**	**<250**																				
	03/16/93	**70**	**60**	**940**	**1,600**	**<250**																				
	06/15/93	**13**	**40**	**200**	**1,055**	9																				
	09/21/93	**17**	5	**140**	**158**	2																				
	01/04/94	**19**	22	**384**	**204**	6																				
	11/23/04	**464**	38.0 (V)	9.0 (I)	**71.0**	**1,480 (V)**			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	10.8	12.5	16.7	<0.39	<0.14
		ABANDONED/DESTROYED																								
MW-3A	07/12/05	<0.19	<0.20	<0.20	<0.50	19.8		202 (J4)	<0.42	<0.19	<0.46	<0.08	<0.05	<0.06	<0.13	<0.05	<0.09	<0.16	<0.15	<0.14	<0.14	<0.39	<0.43	<0.54	<0.26	<0.16
	02/19/18	0.200 U	0.170 U	0.190 U	0.580 U	0.170 U	0.00619 U	93.5 (U, J3)	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0231 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0619 (I)	0.0463 U
MW-4	03/06/91	**343**	**9,950**	**2,450**	**13,300**	<10																				
		ABANDONED/DESTROYED																								
MW-4A	07/12/05	<0.19	<0.20	<0.20	<0.50	1.6		162 (I)	<0.42	<0.19	<0.46	<0.08	<0.05	<0.06	<0.13	<0.05	<0.09	<0.16	<0.15	<0.14	<0.14	<0.39	<0.43	<0.54	<0.26	<0.16
	02/19/18	0.200 U	0.170 U	0.190 U	0.580 U	0.170 U	0.00614 U	93.5 (U, J3)	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0231 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0951	0.0463 U

TABLE 2: GROUNDWATER ANALYTICAL SUMMARY

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/8944111

Sample		Laboratory Analysis (µg/L)																							
ID Number	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Ethylene Dibromide (EDB)	TRPH	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Phenanthrene	Pyrene
GCTLs		**1**	**40**	**30**	**20**	**20**	**0.02**	**5,000**	**20**	**210**	**2,100**	**0.05**	**0.2**	**0.05**	**210**	**0.5**	**4.8**	**0.005**	**280**	**280**	**0.05**	**14**	**28**	**28**	**210**	**210**
NADCs		**100**	**400**	**300**	**200**	**200**	**2**	**50,000**	**200**	**2,100**	**21,000**	**5**	**20**	**5**	**2,100**	**50**	**480**	**0.5**	**2,800**	**2,800**	**5**	**140**	**280**	**280**	**2,100**	**2,100**
MW-5	03/06/91	**523**	18	<5	**997**	**8,420**																				
		ABANDONED/DESTROYED																								
MW-5A	07/12/05	0.20	0.60 (I)	0.70 (I)	0.70 (I)	1.3		232 (J4)	<0.42	<0.19	<0.46	<0.08	<0.05	<0.06	<0.13	<0.05	<0.09	<0.16	0.18	<0.14	<0.14	<0.39	<0.43	<0.54	<0.26	<0.16
	02/19/18	0.200 U	0.170 U	0.190 U	0.580 U	0.170 U	0.00618 U	97.7 (I, J3)	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0231 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0614 (I)	0.0463 U
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U																				
MW-6	03/06/91	**302**	7.71	27.1	**61.5**	**2,940**																				
	11/23/04	**320**	**82.0 (V)**	6.0 (I)	**76.0**	**308 (V)**			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	5.40	1.94	3.84	<0.39	<0.14
		ABANDONED/DESTROYED																								
MW-6A	07/12/05	<0.19	<0.20	<0.20	<0.50	0.80 (I)		314 (J4)	<0.42	<0.19	<0.46	<0.08	<0.05	<0.06	<0.13	<0.05	<0.09	<0.16	<0.15	<0.14	<0.14	<0.39	<0.43	<0.54	<0.26	<0.16
	02/19/18	0.200 U	0.170 U	0.190 U	0.580 U	0.170 U	0.00612 U	94.3 (U, J3)	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0231 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0716 (I)	0.0463 U
MW-6DA	07/12/05	<0.19	<0.20	<0.20	<0.50	3.8		<100 (J4)	<0.42	<0.19	<0.46	<0.08	<0.05	<0.06	<0.13	<0.05	<0.09	<0.16	<0.15	<0.14	<0.14	<0.39	<0.43	<0.54	<0.26	<0.16
	02/19/18	0.200 U	0.170 U	0.190 U	0.580 U	0.213 (I)	0.00616 U	278	0.0481 U	0.0481 U	0.0481 U	0.0240 U	0.0240 U	0.0240 U	0.0481 U	0.0481 U	0.0481 U	0.0240 U	0.0481 U	0.0481 U	0.0240 U	0.0481 U	0.0481 U	0.0481 U	0.0860 (I)	0.0481 U
MW-7	03/06/91	**1,300**	**1,050**	**49.8**	**158**	**3,080**																				
	11/23/04	**170 (V)**	10.7 (V)	1.7 (V)	17.5 (V)	**118 (V)**			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	13.4	4.64	5.32	<0.39	<0.14
		ABANDONED/DESTROYED																								
MW-7A	07/12/05	<0.19	<0.20	<0.20	<0.50	1.0		274 (J4)	<0.42	<0.19	<0.46	<0.08	<0.05	<0.06	<0.13	<0.05	<0.09	<0.16	<0.15	<0.14	<0.14	<0.39	<0.43	<0.54	<0.26	<0.16
	02/19/18	0.200 U	0.170 U	0.190 U	0.580 U	0.170 U	0.00618 U	94.3 (U, J3)	0.0481 U	0.0481 U	0.0481 U	0.0240 U	0.0240 U	0.0240 U	0.0481 U	0.0481 U	0.0481 U	0.0240 U	0.0481 U	0.0481 U	0.0240 U	0.0481 U	0.0481 U	0.0481 U	0.145	0.0481 U
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U																				
MW-8	03/06/91	**2,050**	**2,880**	**448**	**1,970**	**1,740**																				
	11/23/04	**296**	1.9 (V)	0.9 (I, V)	9.7 (V)	**111 (V)**			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	**19.5**	10.8	13.8	<0.39	<0.14
		ABANDONED/DESTROYED																								
MW-8A	07/12/05	<0.19	0.30 (I)	<0.20	<0.50	1.0		108 (I)	<0.42	<0.19	<0.46	<0.08	<0.05	<0.06	<0.13	<0.05	<0.09	<0.16	<0.15	<0.14	<0.14	<0.39	<0.43	<0.54	<0.26	<0.16
	02/19/18	0.200 U	0.170 U	0.190 U	0.580 U	0.170 U	0.00614 U	94.3 (U, J3)	0.0481 U	0.0481 U	0.0481 U	0.0240 U	0.0240 U	0.0240 U	0.0481 U	0.0481 U	0.0481 U	0.0240 U	0.0481 U	0.0481 U	0.0240 U	0.0481 U	0.0481 U	0.0481 U	0.240	0.0481 U
MW-9	03/06/91	0.774	2.71	0.965	5.21	<0.5																				
	11/23/04	0.4 (I, V)	0.3 (I, V)	<0.20	<0.50	1.7 (V)			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	<0.70	<0.21	<0.30	<0.39	<0.14
		ABANDONED/DESTROYED																								
MW-9A	05/21/18	1.00 U	0.850 U	0.950 U	2.90 U	0.850 U		111 (I)	0.145	0.0463 U	0.0463 U	0.0231 U	0.0231 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0527 (I)	0.0472 (I)	0.0231 U	0.297	0.114	0.0863 (I)	0.0463 U	0.0463 U
	04/06/20	0.20 U	0.45 U	0.26 U	0.74 U	0.41 U																				

TABLE 2: GROUNDWATER ANALYTICAL SUMMARY

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/8944111

Sample		Laboratory Analysis (µg/L)																							
ID Number	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Ethylene Dibromide (EDB)	TRPH	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Phenanthrene	Pyrene
GCTLs		**1**	**40**	**30**	**20**	**20**	**0.02**	**5,000**	**20**	**210**	**2,100**	**0.05**	**0.2**	**0.05**	**210**	**0.5**	**4.8**	**0.005**	**280**	**280**	**0.05**	**14**	**28**	**28**	**210**	**210**
NADCs		**100**	**400**	**300**	**200**	**200**	**2**	**50,000**	**200**	**2,100**	**21,000**	**5**	**20**	**5**	**2,100**	**50**	**480**	**0.5**	**2,800**	**2,800**	**5**	**140**	**280**	**280**	**2,100**	**2,100**
MW-10	03/06/91	<0.5	0.718	**56.3**	**102**	**433**																				
	08/05/91	**14**	<10	<9.0	<9.0	**33.0**																				
	11/23/04	**48.0 (V)**	0.7 (I, V)	3.3 (V)	4.8 (V)	**68.9 (V)**			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	2.62	<0.21	<0.30	<0.39	<0.14
		ABANDONED/DESTROYED																								
MW-10A	05/21/18	1.00 U	0.850 U	0.950 U	2.90 U	0.850 U		93.5 U	0.212	0.0446 U	0.0446 U	0.0223 U	0.0223 U	0.0223 U	0.0446 U	0.0446 U	0.0446 U	0.0223 U	0.0633 (I)	0.0446 U	0.0223 U	0.0446 U	0.0446 U	0.0446 U	0.0446 U	0.0446 U
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U																				
	04/06/20	0.20 U	0.45 U	0.26 U	0.74 U	0.41 U																				
MW-11	03/06/91	<0.5	<0.5	<0.5	0.564	<0.56																				
	08/05/91	<0.60	<1.0	<0.9	<0.9	<0.9																				
	08/04/92	<1.2	<2.0	<1.8	<1.8	<1.2																				
	12/15/92	<0.6	<1.0	<0.9	<0.9	<0.6																				
	03/16/93	<0.6	<1.0	<0.9	<0.9	<0.6																				
	06/15/93	<1	<1	<1	<1	<1																				
	09/21/93	<1	<1	<1	<1	<1																				
	01/04/94	<1	<1	<1	<1	<1																				
		ABANDONED/DESTROYED																								
MW-11A	05/21/18	1.00 U	0.850 U	0.950 U	2.90 U	1.08 (I)		97.0 (I)	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0231 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.109	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.168	0.0535 (I)
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.70 (I)																				
	04/06/20	0.20 U	0.45 U	0.26 U	0.74 U	0.41 U																				
MW-12	03/06/91	<0.5	2.3	0.815	5.57	<0.5																				
		ABANDONED/DESTROYED																								
MW-12A	05/21/18	1.00 U	0.850 U	0.950 U	2.90 U	0.850 U		94.3 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0231 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0231 U	0.0463 U	0.0463 U	0.0463 U	0.0463 U	0.0463 U
	12/05/19	0.43 (I)	0.45 U	0.26 U	0.56 U	3.0																				
	04/06/20	0.69 (I)	0.45 U	0.26 U	0.74 U	1.3																				
MW-13	03/06/91	<0.5	0.822	<0.5	0.511	<0.5																				
	08/04/92	<1.2	3.6	<1.8	<1.8	<1.8																				
	12/15/92	<0.6	<1.0	<0.9	<0.9	<5																				
	03/16/93	<0.6	<1.0	<0.9	<0.9	<5																				
	06/15/93	<1	<1	<1	<1	<1																				
	09/21/93	<1	<1	<1	<1	<1																				
	01/04/94	<1	<1	<1	<1	<1																				
		ABANDONED/DESTROYED																								

TABLE 2: GROUNDWATER ANALYTICAL SUMMARY

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/8944111

Sample		Laboratory Analysis (µg/L)																							
ID Number	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Ethylene Dibromide (EDB)	TRPH	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Phenanthrene	Pyrene
GCTLs		**1**	**40**	**30**	**20**	**20**	**0.02**	**5,000**	**20**	**210**	**2,100**	**0.05**	**0.2**	**0.05**	**210**	**0.5**	**4.8**	**0.005**	**280**	**280**	**0.05**	**14**	**28**	**28**	**210**	**210**
NADCs		**100**	**400**	**300**	**200**	**200**	**2**	**50,000**	**200**	**2,100**	**21,000**	**5**	**20**	**5**	**2,100**	**50**	**480**	**0.5**	**2,800**	**2,800**	**5**	**140**	**280**	**280**	**2,100**	**2,100**
MW-14	03/06/91	<0.5	<0.5	<0.5	<0.5	<0.5																			
		ABANDONED/DESTROYED																							
MW-15	03/06/91	<0.5	<0.5	<0.5	<0.5	<0.5																			
		ABANDONED/DESTROYED																							
MW-16D	03/06/91	<0.5	1.34	0.86	5.09	**84.9**																			
	08/04/92	0.8	<1.0	<0.9	<0.9	15																			
	12/15/92	<0.6	<1.0	<0.9	<0.9	11																			
	03/16/93	1.7	<1.0	1.4	<0.9	12																			
	06/15/93	<1	<1	<1	<1	6																			
	09/21/93	<1	<1	<1	<1	<1																			
	01/04/94	<1	<1	<1	<1	<1																			
		ABANDONED/DESTROYED																							
MW-17D	03/06/91	**4.1**	<1.0	<0.9	<0.9	**330**																			
	08/04/92	<0.6	<1.0	<0.9	<0.9	<10																			
	12/15/92	<0.6	<1.0	<0.9	<0.9	<5																			
	03/16/93	<0.6	<1.0	<0.9	<0.9	<5																			
	06/15/93	<1	<1	<1	<1	<1																			
	09/21/93	<1	<1	<1	<1	<1																			
	01/04/94	<1	<1	<1	<1	<1																			
		ABANDONED/DESTROYED																							
MW-18	08/05/91	<0.6	<1.0	<0.9	<0.9	<0.9																			
	11/23/04	0.20 (I, V)	0.30 (I, V)	0.40 (I, V)	0.50 (I, V)	0.70 (I, V)			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	<0.70	<0.21	<0.30	<0.39	<0.14
		ABANDONED/DESTROYED																							
MW-19	08/05/91	<0.6	<1.0	<0.9	<0.9	<0.9																			
		ABANDONED/DESTROYED																							
MW-20	08/05/91	<6.0	<1	<0.90	<0.90	<0.90																			
	11/23/04	**5.80 (I, V)**	0.30 (I, V)	0.20 (I, V)	0.90 (I, V)	**92.5 (V)**			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	<0.70	<0.21	<0.30	<0.39	<0.14
		ABANDONED/DESTROYED																							
RW-2	03/06/91	ND	ND	ND	ND	ND																			
	08/04/92	ND	ND	ND	ND	ND																			
	12/15/92	**150**	**94**	**120**	**250**	**<25**																			
	03/16/93	**100**	**120**	**230**	**530**	**<26**																			
	06/15/93	**130**	**160**	**140**	**360**	**110**																			
	09/21/93	**59**	**120**	**100**	**268**	**32**																			
	01/04/94	**92**	**93**	**110**	**240**	**48**																			
	11/23/04	**28.7 (V)**	0.40 (I, V)	0.30 (I, V)	1.0 (I, V)	**57.0 (V)**			<0.31	<0.30	<0.29	<0.04	<0.08	<0.04	<0.16	<0.11	<0.04	<0.19	<0.16	<0.14	<0.18	1.64	0.56	<0.30	<0.39	<0.14
		ABANDONED/DESTROYED																							

TABLE 2: GROUNDWATER ANALYTICAL SUMMARY

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/8944111

Sample		Laboratory Analysis (µg/L)																						
ID Number	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Ethylene Dibromide (EDB)	TRPH	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Phenanthrene	Pyrene
GCTLs		**1**	**40**	**30**	**20**	**20**	**0.02**	**5,000**	**20**	**210**	**2,100**	**0.05**	**0.2**	**0.05**	**210**	**0.5**	**4.8**	**0.005**	**280**	**280**	**0.05**	**14**	**28**	**28**	**210**	**210**
NADCs		**100**	**400**	**300**	**200**	**200**	**2**	**50,000**	**200**	**2,100**	**21,000**	**5**	**20**	**5**	**2,100**	**50**	**480**	**0.5**	**2,800**	**2,800**	**5**	**140**	**280**	**280**	**2,100**	**2,100**
MW-21	07/29/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U																				
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U			0.15 U	0.16 U	0.14 U	0.047 U	0.14 U	0.048 U	0.18 U	0.18 U	0.13 U	0.092 U	0.14 U	0.15 U	0.043 U	0.18 U	0.19 U	0.19 U	0.15 U	0.14 U
	04/06/20	0.20 U	0.45 U	0.26 U	0.74 U	0.41 U																				
MW-22	07/29/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U																				
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U			0.15 U	0.16 U	0.14 U	0.047 U	0.14 U	0.048 U	0.18 U	0.18 U	0.13 U	0.092 U	0.14 U	0.15 U	0.043 U	0.18 U	0.19 U	0.19 U	0.15 U	0.14 U
	04/06/20	0.20 U	0.45 U	0.26 U	0.74 U	0.41 U																				
MW-23	07/29/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U																				
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U			0.16 (I)	0.16 U	0.14 U	0.047 U	0.14 U	0.048 U	0.18 U	0.18 U	0.13 U	0.092 U	0.22	0.15 U	0.043 U	0.18 U	0.19 U	0.19 U	0.15 U	0.14 U
	04/06/20	0.20 U	0.45 U	0.26 U	0.74 U	0.41 U																				
MW-24	07/29/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U																				
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U			0.16 U	0.16 U	0.14 U	0.048 U	0.14 U	0.049 U	0.19 U	0.19 U	0.13 U	0.093 U	0.14 U	0.15 U	0.044 U	0.19 U	0.20 U	0.19 U	0.16 U	0.14 U
	04/06/20	0.20 U	0.45 U	0.26 U	0.74 U	0.41 U																				
MW-25	07/29/19	0.20 U	0.45 U	0.26 U	0.56 U	0.41 U																				
	12/05/19	0.20 U	0.45 U	0.26 U	0.56 U	0.62 (I)			0.15 U	0.16 U	0.13 U	0.046 U	0.14 U	0.047 U	0.18 U	0.18 U	0.12 U	0.090 U	0.14 U	0.15 U	0.042 U	0.18 U	0.19 U	0.18 U	0.15 U	0.13 U
	04/06/20	0.20 U	0.45 U	0.26 U	0.74 U	0.41 U																				

Notes: GCTLs = Groundwater Cleanup Target Levels per Chapter 62-777, Table I, Florida Administrative Code (FAC)

NADCs = Natural Attenuation Default Concentrations per Chapter 62-777, Table V, FAC

BOLD = GCTL Exceedance

BOLD and SHADED = NADC Exceedance

µg/L = micrograms per liter

MTBE = methyl tertiary butyl ether

TRPH = Total Recoverable Petroleum Hydrocarbons

ND = Not Detected

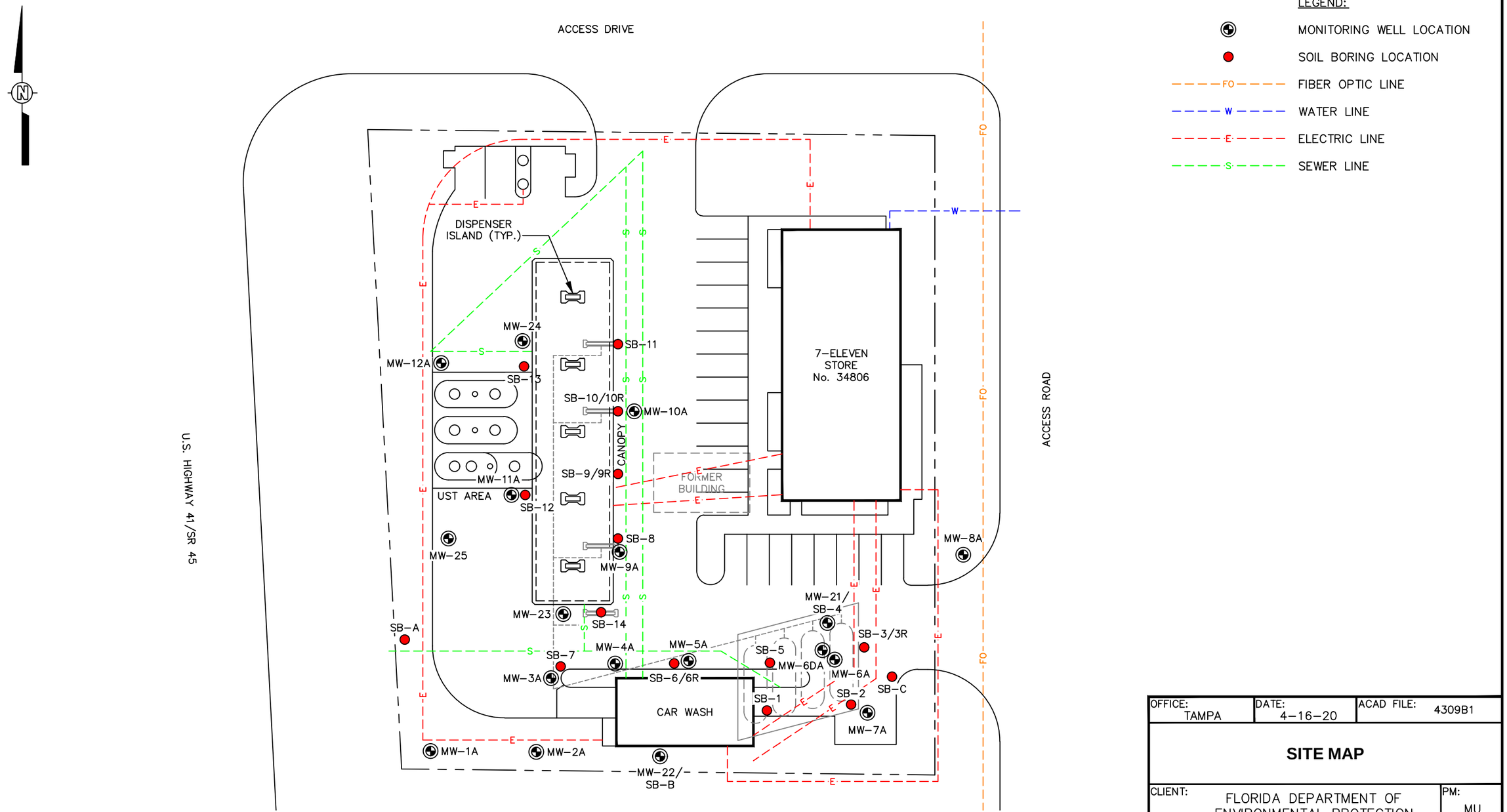
U = Analyzed for but not detected

J3/J4 = Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

(I) = Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

V = Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

FIGURES



LEGEND:

- MONITORING WELL LOCATION
- SOIL BORING LOCATION
- FO — FIBER OPTIC LINE
- W — WATER LINE
- E — ELECTRIC LINE
- S — SEWER LINE

SCALE (FEET)

0 35 70

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC
725 U.S. HIGHWAY 301 SOUTH
TAMPA, FLORIDA 33619
(813) 612-3600 OFFICE
(813) 626-1663 FAX

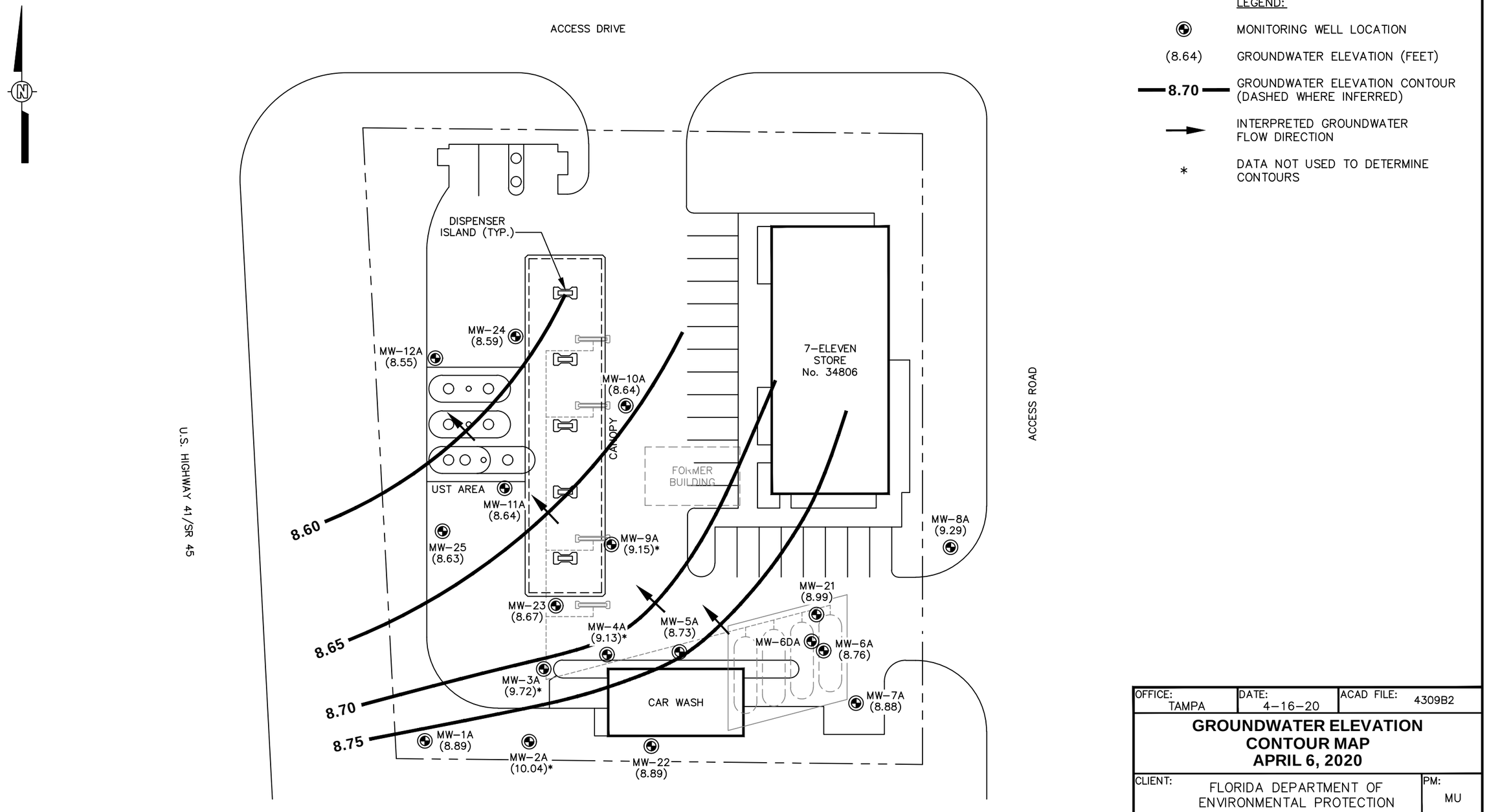
OFFICE:	DATE:	ACAD FILE:
TAMPA	4-16-20	4309B1

SITE MAP

CLIENT:	PM:
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	MU

LOCATION:
7-ELEVEN STORE No. 34806
28175 S. TAMIAMI TRAIL
BONITA SPRINGS, LEE COUNTY, FLORIDA
FDEP FACILITY ID No. 36/8944111

DESIGNED:	DRAWN:	PROJECT NO.:	FIGURE:
MU	SDJF	631014309	1



APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC
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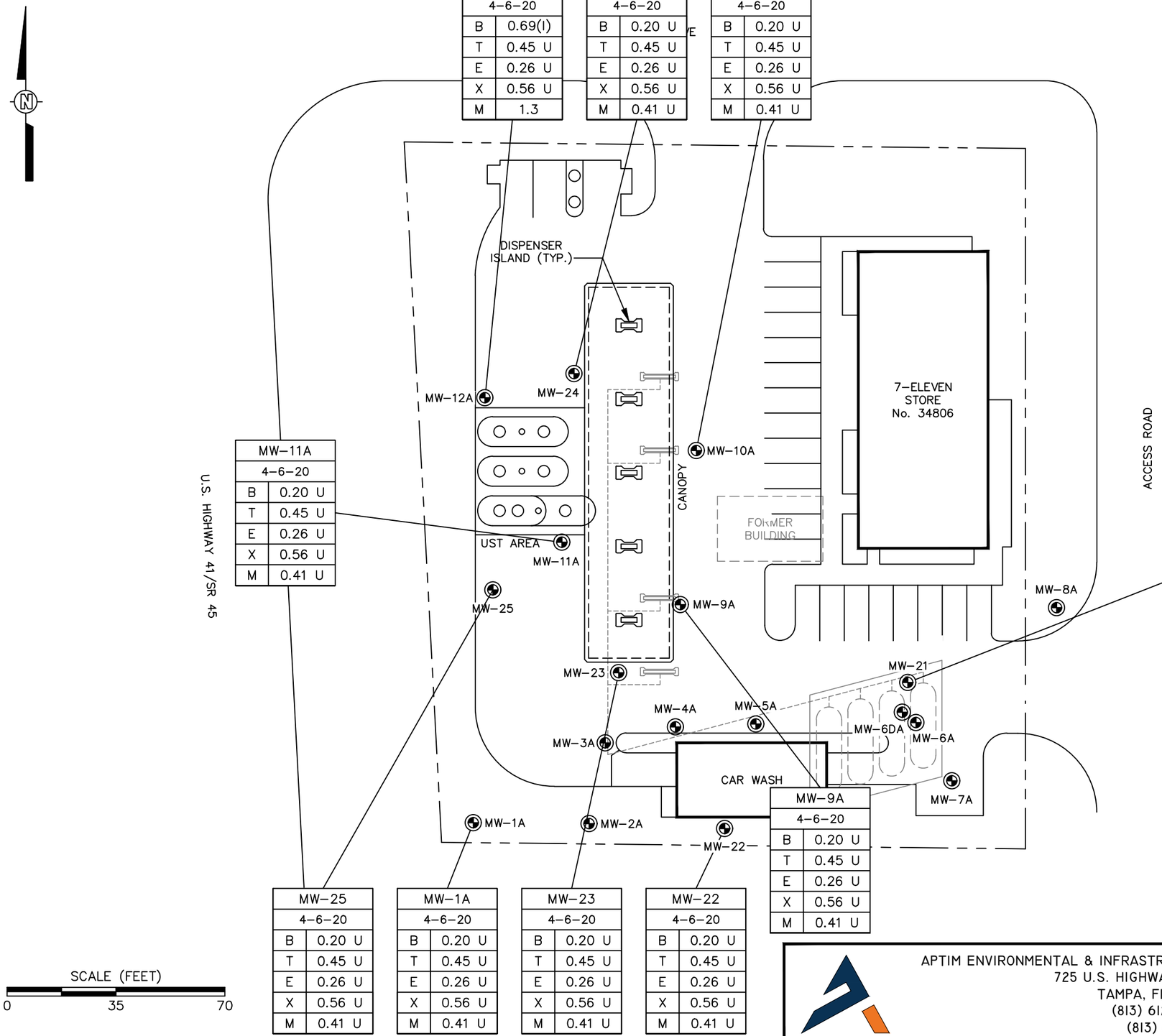
OFFICE:	DATE:	ACAD FILE:
TAMPA	4-16-20	4309B2

GROUNDWATER ELEVATION CONTOUR MAP APRIL 6, 2020

CLIENT:	PM:
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	MU

LOCATION:
7-ELEVEN STORE No. 34806
28175 S. TAMIAMI TRAIL
BONITA SPRINGS, LEE COUNTY, FLORIDA
FDEP FACILITY ID No. 36/8944111

DESIGNED:	DRAWN:	PROJECT NO.:	FIGURE:
MU	SDJF	631014309	2



LEGEND:

MONITORING WELL LOCATION

MW-1A	
4-6-20	
B	0.20 U
T	0.45 U
E	0.26 U
X	0.56 U
M	0.41 U

SAMPLE IDENTIFICATION
DATE OF SAMPLE
BENZENE CONCENTRATION (ug/L)
TOLUENE CONCENTRATION (ug/L)
ETHYLBENZENE CONCENTRATION (ug/L)
TOTAL XYLENES CONCENTRATION (ug/L)
MTBE CONCENTRATION (ug/L)

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC
725 U.S. HIGHWAY 301 SOUTH
TAMPA, FLORIDA 33619
(813) 612-3600 OFFICE
(813) 626-1663 FAX

OFFICE:	DATE:	ACAD FILE:
TAMPA	4-16-20	4309B3

GROUNDWATER BTEX/MTBE CONCENTRATION MAP APRIL 6, 2020

CLIENT:	PM:
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	MU

LOCATION:
7-ELEVEN STORE No. 34806
28175 S. TAMIAMI TRAIL
BONITA SPRINGS, LEE COUNTY, FLORIDA
FDEP FACILITY ID No. 36/8944111

DESIGNED:	DRAWN:	PROJECT NO.:	FIGURE:
MU	SDJF	631014309	3

APTIM
725 U.S. Highway 301 South
Tampa, Florida 33619

March 22, 2023

Mr. Keith Kleinmann
Lee County Division of Natural Resources
P.O. Box 398
Fort Myers, Florida 33902

Re: Closure Report
7-Eleven Store No. 34806
28175 S. Tamiami Trail
Bonita Springs, Lee County, Florida 34134
FDEP Facility ID No. 36/8944111

Dear Mr. Kleinmann,

Aptim Environmental & Infrastructure, LLC (APTIM), on behalf of 7-Eleven, Inc. (7-Eleven), hereby submits this Closure Report for the 7-Eleven Store No. 34806 located at 28175 S. Tamiami Trail, Bonita Springs, Lee County, Florida.

In February 2023, the overspill buckets (OSB) at two (2) 15,000-gallon capacity regular unleaded underground storage tanks (UST) and the OSB at one (1) 20,000-gallon capacity premium unleaded/vehicular diesel compartmented UST were removed and replaced by Techniflow, Inc. (Techniflow) at the above referenced facility. Please note the OSB for the vehicular diesel was not replaced. The replacement of the OSBs were completed as part of facility upgrades.

A Site Map depicting the location of the current USTs, approximate property boundaries, and other pertinent site features is included as **Figure 1**. A copy of the Underground Storage System Installation and Removal Form for Certified Contractors is provided in **Attachment A**.

Overspill Bucket Closure Sampling

On February 7, 2023, APTIM collected a total of forty-eight (48) soil samples at the OSB excavations of two (2) 15,000-gallon capacity regular unleaded USTs and the OSB at one (1) 20,000-gallon capacity premium unleaded/vehicular diesel compartmented UST. Soil samples were collected at 1-foot intervals to 4 feet below land surface. Eight-ounce grab soil samples were collected, placed in clean 16-ounce jars, and allowed to equilibrate for approximately five minutes. Following equilibration, the headspace in each glass jar was screened for the presence of organic vapors using an RKI GX-6000 Organic Vapor Analyzer equipped with a Photoionization Detector (OVA/PID) in accordance with Rule 62-780.200(17), Florida Administrative Code. The OVA/PID was calibrated on-site to 100 parts per million (ppm) isobutylene and zero gas sources. OVA/PID readings ranged from 1.6 to 346.1 ppm. The OVA/PID readings from the February 7, 2023, OSB closure sampling activities are provided in **Table 1** and are illustrated on **Figure 2**.

On February 7, 2023, APTIM collected three (3) soil samples [OSB-1N (1-2'), OSB-2S (0-1'), and OSB-3W (3-4')] from the interval with the highest OVA/PID reading at each OSB excavation. The soil samples were submitted to Pace Analytical Services, LLC (Pace) in Ormond Beach, Florida (Florida Department of Health No. E83079), for analysis using the United States Environmental Protection Agency Methods 8260B for Benzene, Toluene, Ethylbenzene, and Total Xylenes, including Methyl-tert-butyl-ether, 8270D for Polynuclear Aromatic Hydrocarbons, and for Total Recoverable Petroleum Hydrocarbons using the Florida Petroleum Residual Organics Method.

A review of the laboratory analytical report indicates contaminant concentrations in soil sample OSB-1N (1-2') above the Soil Cleanup Target Levels (SCTLs) for Leachability Based on Groundwater Criteria, but below the SCTL for Direct Exposure Residential and the SCTL for Direct Exposure Commercial/Industrial. Groundwater concentrations were reported below the SCTLs for Leachability Based on Groundwater Criteria and Direct Exposure Residential in all other soil samples analyzed.

On February 15, 2023, APTIM requested Pace perform the Synthetic Precipitation Leaching Procedure (SPLP) on sample OSB-1N (1-2'). A review of the laboratory analytical report indicates contaminant concentrations above Groundwater Cleanup Target Level (GTCL), but below the Natural Attenuation Default Concentrations (NADCs) in soil sample OSB—1N (1-2'), indicating the contaminant does possess the potential to leach into the groundwater.

A Soil Data Summary is provided in **Table 1** and is illustrated on **Figure 3**. A SPLP Results Summary is provided in **Table 2** and is illustrated on **Figure 4**. Copies of the OVA Calibration Sheet, Soil and SPLP Laboratory Analytical Report, Soil and SPLP Quality Assurance/Quality Control Report, and Soil and SPLP Chain-of-Custody Documentation are provided in **Attachment B**.

Conclusions and Recommendations

In February 2023, the OSBs at two (2) 15,000-gallon capacity regular unleaded USTs and the OSB at one (1) 20,000-gallon capacity premium unleaded/vehicular diesel compartmented UST were replaced by Techniflow as part of facility upgrade activities. The vehicular diesel OSB was not replaced during these activities.

APTIM collected a total of three (3) samples for laboratory analysis. Contaminant concentrations were reported above the SCTLs for Leachability Based on Groundwater Criteria but below the SCTL for Direct Exposure Residential at OSB-1N (1-2'). Additionally, contaminant concentrations at OSB-1N (1-2') were reported above the GCTL but below the NADC for soil samples analyzed with the SPLP. Based on the results of the closure sampling activities, 7-Eleven submitted a Discharge Report Form (DRF) to the FDEP on February 16, 2023. A copy of the DRF is provided in **Attachment C**.

APTIM appreciates Lee County's assistance with this matter. In the event revisions or clarifications are necessary, please contact Brett Bohentin at (813) 612-3609 or brett.bohentin@aptim.com.

Sincerely,
APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC

Jonathan Reagan
Project Scientist

Attachments
Tables
Figures
Attachment A – Underground Storage System Installation and Removal Form for Certified Contractors
Attachment B – OVA Calibration Sheet, Soil and SPLP Analytical Report, Soil and SPLP Quality Assurance/Quality Control Report, and Soil and SPLP Chain-of-Custody Documentation
Attachment C – Discharge Report Form

cc: Ms. Samantha Kramer, 7-Eleven, Inc. (Irving, TX)
Ms. Monika Ugrinska, APTIM (Dallas, TX)

TABLES

TABLE 1: SOIL DATA SUMMARY

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/8944111

	Sample				OVA Screening Results				Laboratory Analysis (mg/kg)																						
ID Number	Date	Approx. Depth to Water (feet)	Sample Direction	Sample Interval (ft bls)	Total Reading (ppm)	Carbon Filtered (ppm)	Net Reading (ppm)	Sample ID No. Laboratory ID in BOLD	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TRPH	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluorene	Fluoranthene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Pyrene	Phenanthrene	Benzo(a)pyrene Equivalent	Benzo(a)pyrene	Benzo(a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene
Toxic Equivalency Factor									**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**0.1**	**0.1**	**0.01**	**0.001**	**1**	**0.1**
SCTLs - Direct Exposure Commercial/Industrial									**1.7**	**60,000**	**9,200**	**700**	**24,000**	**2,700**	**20,000**	**20,000**	**300,000**	**52,000**	**33,000**	**59,000**	**300**	**1,800**	**2,100**	**45,000**	**36,000**	**0.7**	**0.7**	*	*	*	*	*	*
SCTLs - Direct Exposure Residental									**1.2**	**7,500**	**1,500**	**130**	**4,400**	**460**	**2,400**	**1,800**	**21,000**	**2,500**	**2,600**	**3,200**	**55**	**200**	**210**	**2,400**	**2,200**	**0.1**	**0.1**	*	*	*	*	*	*
SCTLs - Leachability Based on Groundwater Criteria									**0.007**	**0.5**	**0.6**	**0.2**	**0.09**	**340**	**2.1**	**27**	**2,500**	**32,000**	**160**	**1,200**	**1.2**	**3.1**	**8.5**	**880**	**250**	**8**	**8**	**0.8**	**2.4**	**24**	**77**	**1**	**7**
Overspill Bucket Sampling																																	
OSB-1	02/07/23	N/A	North	0-1	186.2	-	186.2																										
				1-2	218.1	-	218.1	**OSB-1N (1-2')**	**0.046**	**0.86**	**0.62**	**5.1**	0.0015 I	154	0.018 U	0.0060 U	0.0052 U	0.0097 U	0.014 I	0.012 U	0.38	0.30	0.50	0.0051 U	0.0092 I	-	0.0095 U	0.0051 U	0.010 U	0.010 U	0.0051 U	0.0089 U	0.0087 U
				2-3	209.6	-	209.6																										
				3-4	194.4	-	194.4																										
			South	0-1	20.7	-	20.7																										
				1-2	29.8	-	29.8																										
				2-3	27.9	-	27.9																										
				3-4	14.8	-	14.8																										
			East	0-1	2.6	-	2.6																										
				1-2	36.1	-	36.1																										
				2-3	55.5	-	55.5																										
				3-4	46.8	-	46.8																										
			West	0-1	28.1	-	28.1																										
				1-2	30.5	-	30.5																										
				2-3	42.1	-	42.1																										
				3-4	35.9	-	35.9																										
OSB-2	02/07/23	N/A	North	0-1	78.2	-	78.2																										
				1-2	294.3	-	294.3																										
				2-3	153.7	-	153.7																										
				3-4	126.9	-	126.9																										
			South	0-1	346.1	-	346.1	**OSB-2S (0-1')**	0.0021 I	0.0023 I	0.00095 U	0.058	0.0012 U	59.7	0.018 U	0.0059 U	0.0051 U	0.0094 U	0.013 U	0.018 I	0.015 I	0.021 I	0.010 I	0.0050 U	0.0053 U	0.0	0.0094 I	0.0050 U	0.012 I	0.010 U	0.0093 I	0.0086 U	0.0085 U
				1-2	20.2	-	20.2																										
				2-3	56.6	-	56.6																										
				3-4	57.9	-	57.9																										
			East	0-1	15.9	-	15.9																										
				1-2	101.9	-	101.9																										
				2-3	123.8	-	123.8																										
				3-4	137.7	-	137.7																										
			West	0-1	1.6	-	1.6																										
				1-2	74.5	-	74.5																										
				2-3	77.7	-	77.7																										
				3-4	80.5	-	80.5																										

TABLE 1: SOIL DATA SUMMARY

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/8944111

	Sample				OVA Screening Results				Laboratory Analysis (mg/kg)																						
ID Number	Date	Approx. Depth to Water (feet)	Sample Direction	Sample Interval (ft bls)	Total Reading (ppm)	Carbon Filtered (ppm)	Net Reading (ppm)	Sample ID No. Laboratory ID in BOLD	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TRPH	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluorene	Fluoranthene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Pyrene	Phenanthrene	Benzo(a)pyrene Equivalent	Benzo(a)pyrene	Benzo(a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene
Toxic Equivalency Factor									**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**1**	**0.1**	**0.1**	**0.01**	**0.001**	**1**	**0.1**
SCTLs - Direct Exposure Commercial/Industrial									**1.7**	**60,000**	**9,200**	**700**	**24,000**	**2,700**	**20,000**	**20,000**	**300,000**	**52,000**	**33,000**	**59,000**	**300**	**1,800**	**2,100**	**45,000**	**36,000**	**0.7**	**0.7**	*	*	*	*	*	*
SCTLs - Direct Exposure Residental									**1.2**	**7,500**	**1,500**	**130**	**4,400**	**460**	**2,400**	**1,800**	**21,000**	**2,500**	**2,600**	**3,200**	**55**	**200**	**210**	**2,400**	**2,200**	**0.1**	**0.1**	*	*	*	*	*	*
SCTLs - Leachability Based on Groundwater Criteria									**0.007**	**0.5**	**0.6**	**0.2**	**0.09**	**340**	**2.1**	**27**	**2,500**	**32,000**	**160**	**1,200**	**1.2**	**3.1**	**8.5**	**880**	**250**	**8**	**8**	**0.8**	**2.4**	**24**	**77**	**1**	**7**
Overspill Bucket Sampling																																	
OSB-3	02/07/23	N/A	North	0-1	46.4	-	46.4																										
				1-2	85.7	-	85.7																										
				2-3	94.9	-	94.9																										
				3-4	87.8	-	87.8																										
			South	0-1	22.5	-	22.5																										
				1-2	35.1	-	35.1																										
				2-3	28.0	-	28.0																										
				3-4	15.4	-	15.4																										
			East	0-1	25.8	-	25.8																										
				1-2	78.6	-	78.6																										
				2-3	44.5	-	44.5																										
				3-4	31.8	-	31.8																										
			West	0-1	6.2	-	6.2																										
				1-2	9.7	-	9.7																										
				2-3	15.3	-	15.3																										
				3-4	120.1	-	120.1	**OSB-3W (3-4')**	0.00075 U	0.00061 U	0.00090 U	0.0039 U	0.0011 U	45.0	0.017 U	0.0057 U	0.0050 U	0.022 I	0.013 U	0.014 I	0.036 I	0.046	0.029 I	0.016 I	0.0063 I	0.0	0.017 I	0.0048 U	0.024 I	0.010 I	0.012 I	0.0084 U	0.016 I

Notes: SCTLs = Soil Cleanup Target Levels per Chapter 62-777, Table II, Florida Administrative Code
ft bls = feet below land surface
mg/kg = milligrams per kilogram
BOLD = SCTL for Leachability Based on Groundwater Criteria exceedance
MTBE = methyl tertiary butyl ether
U = analyzed for but not detected
(I) = value is between method detection limit and the practical quantitation limit
ppm = parts per million
TRPH = total recoverable petroleum hydrocarbons
Blank = No data or not analyzed for that specific parameter.
* = Toxic Equivalency Factor as taken from the February 2005 Final Technical Report: Development of Cleanup Target Levels (CTLs) *for Chapter 62-777, F.A.C.* If the analyte was not detected half the reporting limit is listed.

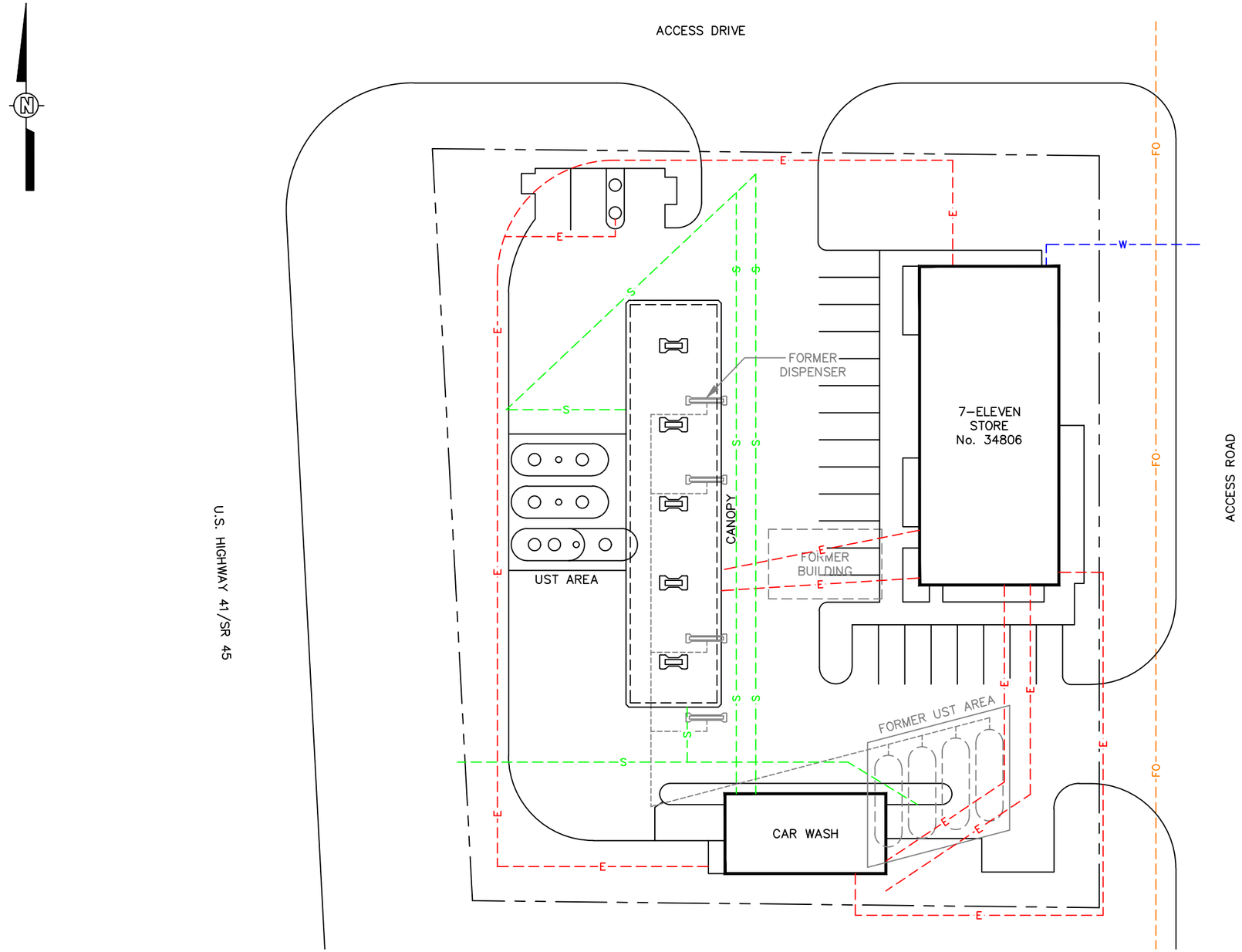
TABLE 2: SYNTHETIC PRECIPITATION LEACHING PROCEDURE RESULTS SUMMARY

Name: 7-Eleven Store No. 34806 FDEP Facility ID No. 36/89441111

Sample		Analysis (ug/L)				
ID Number	Date	Benzene	Ethylbenzene	MTBE	Toluene	Total Xylenes
GCTLs		**1**	**30**	**20**	**30**	**20**
NADCs		**100**	**300**	**200**	**300**	**200**
OSB-1N (1-2')	02/07/23	1.2	10.2	1.2 U	16.6	**90.1**

Notes:
GCTLs = Groundwater Cleanup Target Levels per Chapter 62-777, Table I, Florida Administrative Code (FAC)
NADCs = Natural Attenuation Default Concentrations per Chapter 62-777, Table V, FAC
µg/L = micrograms per liter
BOLD = GCTL Exceedance
BOLD and shaded = NADC Exceedance
"-" - Not Analyzed
U = Analyzed for but not detected

FIGURES



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- FO — FIBER OPTIC LINE
- W — WATER LINE
- E — ELECTRIC LINE
- S — SANITARY SEWER LINE

SCALE (FEET)

0 35 70

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC
725 U.S. HIGHWAY 301 SOUTH
TAMPA, FLORIDA 33619
(813) 612-3600 OFFICE
(813) 626-1663 FAX

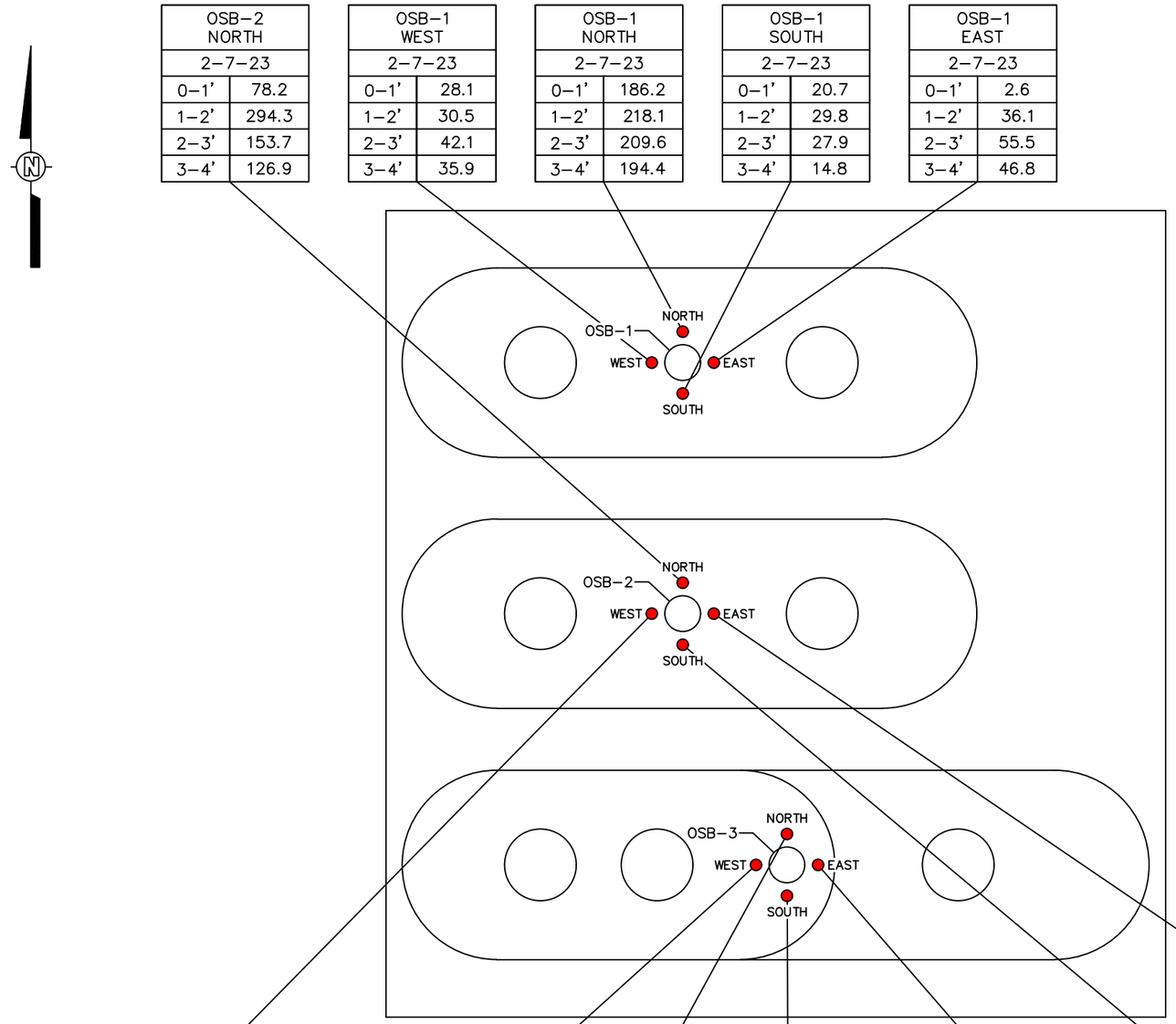
OFFICE:	DATE:	ACAD FILE:
TAMPA	3–22–23	8384B1

SITE MAP

CLIENT:	PM:
7–ELEVEN, INC.	BPB

LOCATION:
7–ELEVEN STORE No. 34806
28175 S. TAMIAMI TRAIL
BONITA SPRINGS, LEE COUNTY, FLORIDA
FDEP FACILITY ID No. 36/8644111

DESIGNED:	DRAWN:	PROJECT NO.:	FIGURE:
JR	SDJF	631028384	1



LEGEND:

- SAMPLE LOCATION
- SAMPLE IDENTIFICATION (e.g. OSB-1 NORTH)
- DATE OF SAMPLE (e.g. 2-7-23)
- DEPTH OF SAMPLE (FT)/ NET OVA READING (ppm) (e.g. 0-2' 0.0)

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC
725 U.S. HIGHWAY 301 SOUTH
TAMPA, FLORIDA 33619
(813) 612-3600 OFFICE
(813) 626-1663 FAX

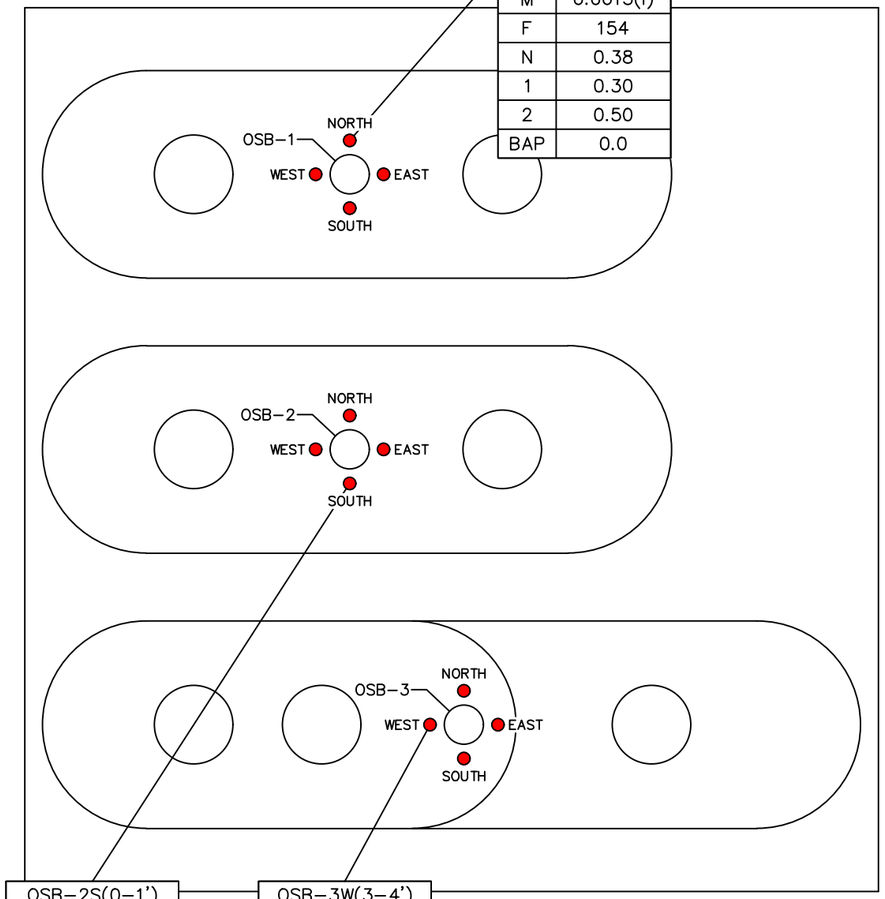
OFFICE:	DATE:	ACAD FILE:
TAMPA	3-16-23	8384B2

OVA/PID READINGS MAP - OVERSPILL BUCKETS FEBRUARY 7, 2023

CLIENT:	PM:
7-ELEVEN, INC.	BPB

LOCATION:
7-ELEVEN STORE No. 34806
28175 S. TAMIAMI TRAIL
BONITA SPRINGS, LEE COUNTY, FLORIDA
FDEP FACILITY ID No. 36/8644111

DESIGNED:	DRAWN:	PROJECT NO.:	FIGURE:
JR	SDJF	631028384	2



OSB–1N(1–2')	
2–7–23	
1–2'	
B	**0.046**
T	**0.86**
E	**0.62**
X	**5.1**
M	0.0015(I)
F	154
N	0.38
1	0.30
2	0.50
BAP	0.0

OSB–2S(0–1')	
2–7–23	
0–1'	
B	0.0021(I)
T	0.0023(I)
E	0.00095 U
X	0.058
M	0.0012 U
F	59.7
N	0.015(I)
1	0.021(I)
2	0.010(I)
BAP	0.0

OSB–3W(3–4')	
2–7–23	
3–4'	
B	0.00075 U
T	0.00061 U
E	0.00090 U
X	0.0039 U
M	0.0011 U
F	45.0
N	0.036(I)
1	0.046
2	0.029(I)
BAP	0.0

SCALE (FEET)

0 7 14

LEGEND:

- SAMPLE LOCATION
- OSB–1N(1–2') — SAMPLE IDENTIFICATION
- 2–7–23 — DATE OF SAMPLE
- 1–2' — DEPTH OF SAMPLE (FEET)
- B 0.046 — BENZENE CONCENTRATION (mg/kg)
- T 0.86 — TOLUENE CONCENTRATION (mg/kg)
- E 0.62 — ETHYLBENZENE CONCENTRATION (mg/kg)
- X 5.1 — TOTAL XYLENES CONCENTRATION (mg/kg)
- M 0.0015(I) — MTBE CONCENTRATION (mg/kg)
- F 154 — TRPH CONCENTRATION (mg/kg)
- N 0.38 — NAPHTHALENE CONCENTRATION (mg/kg)
- 1 0.30 — 1–METHYLNAPHTHALENE CONC. (mg/kg)
- 2 0.50 — 2–METHYLNAPHTHALENE CONC. (mg/kg)
- BAP 0.0 — BENZO(A)PYRENE EQUIV. CONC. (mg/kg)
- **0.62** — BOLD INDICATES GCTLs EXCEEDED
- U — ANALYTE BELOW METHOD DETECTION LIMIT
- (I) — RESULT IS GREATER THAN OR EQUAL TO METHOD DETECTION LIMIT (MDL) BUT LESS THAN THE REPORTING LIMIT (RL)

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC
725 U.S. HIGHWAY 301 SOUTH
TAMPA, FLORIDA 33619
(813) 612-3600 OFFICE
(813) 626-1663 FAX

OFFICE:	DATE:	ACAD FILE:
TAMPA	3–16–23	8384B3

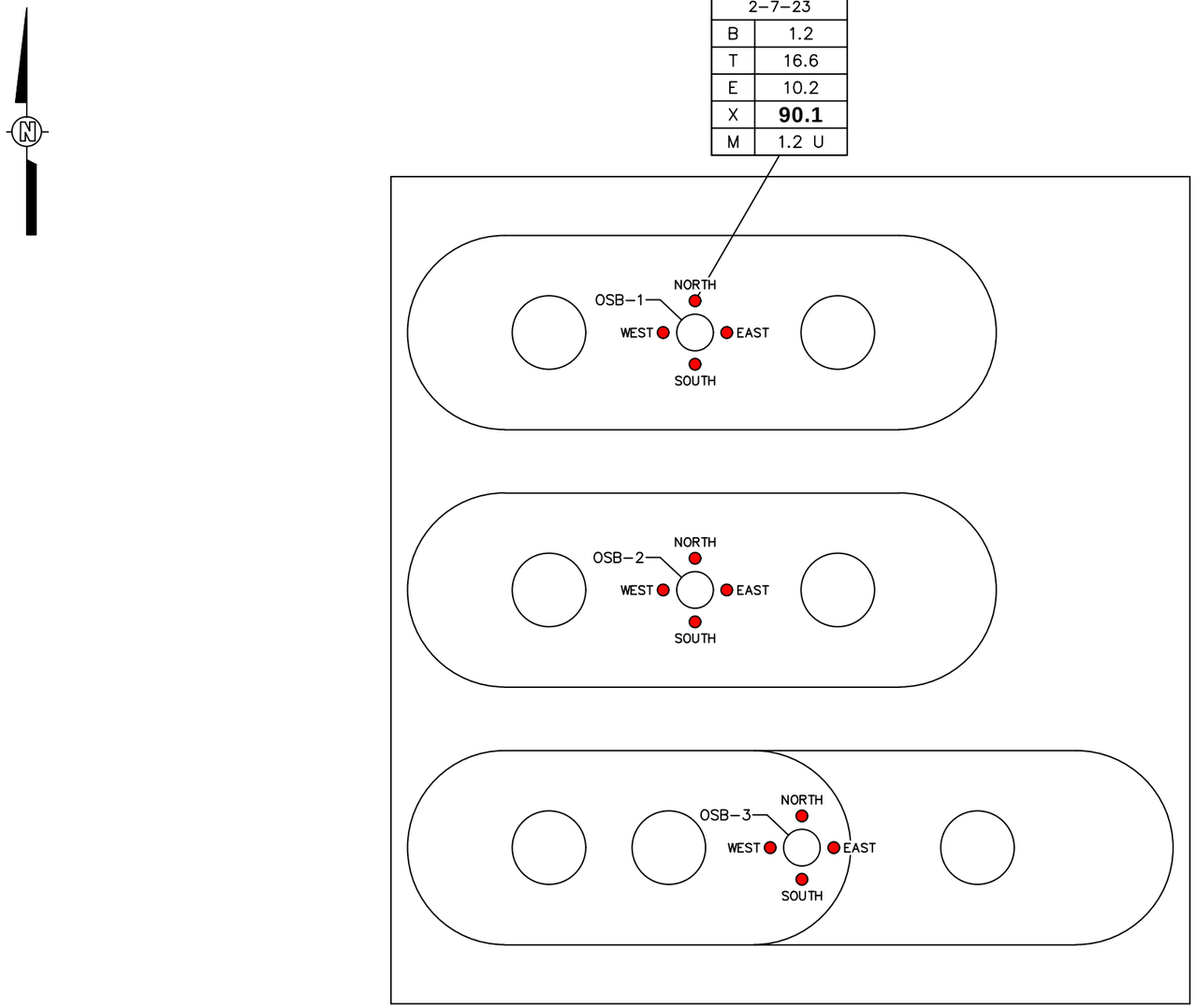
SOIL ANALYTICAL MAP - OVERSPILL BUCKETS FEBRUARY 7, 2023

CLIENT: 7–ELEVEN, INC.

PM: BPB

LOCATION:
7–ELEVEN STORE No. 34806
28175 S. TAMIAMI TRAIL
BONITA SPRINGS, LEE COUNTY, FLORIDA
FDEP FACILITY ID No. 36/8644111

DESIGNED:	DRAWN:	PROJECT NO.:	FIGURE:
JR	SDJF	631028384	3



LEGEND:

- SAMPLE LOCATION
- OSB–1N(1–2') — SAMPLE IDENTIFICATION
- 2–7–23 — DATE OF SAMPLE
- B 1.2 — BENZENE CONCENTRATION (ug/L)
- T 16.6 — TOLUENE CONCENTRATION (ug/L)
- E 10.2 — ETHYLBENZENE CONCENTRATION (ug/L)
- X **90.1** — TOTAL XYLENES CONCENTRATION (ug/L)
- M 1.2 U — MTBE CONCENTRATION (ug/L)
- **90.1** — BOLD INDICATES GCTLs EXCEEDED
- U — ANALYTE BELOW METHOD DETECTION LIMIT

SCALE (FEET)
0 7 14

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC
725 U.S. HIGHWAY 301 SOUTH
TAMPA, FLORIDA 33619
(813) 612-3600 OFFICE
(813) 626-1663 FAX

OFFICE:	DATE:	ACAD FILE:
TAMPA	3–22–23	8384B4

SPLP ANALYTICAL MAP - OVERSPILL BUCKETS FEBRUARY 7, 2023

CLIENT:	PM:
7–ELEVEN, INC.	BPB

LOCATION:
7–ELEVEN STORE No. 34806
28175 S. TAMIAMI TRAIL
BONITA SPRINGS, LEE COUNTY, FLORIDA
FDEP FACILITY ID No. 36/8644111

DESIGNED:	DRAWN:	PROJECT NO.:	FIGURE:
JR	SDJF	631028384	4

ATTACHMENT A

Underground Storage System Installation and Removal Form for Certified Contractors

Department of Environmental Protection

2600 Blair Stone Road ♦ Tallahassee, Florida 32399-2400

DEP Form: 62-761.900(S)
Form Title: Certified Contractors Form
Effective Date: July 2019
Incorporated in Rule 62-761.400, F.A.C.

Underground Storage System Installation and Removal Form for Certified Contractors

Pollutant Storage Systems Contractor as defined in Section 489.105, Florida Statutes [Certified Contractor as defined in Rule 62-761.200, Florida Administrative Code (F.A.C.)] shall use this form to certify that the installation, replacement or removal of the underground storage tank system(s) located at the address listed below was performed in accordance with the Reference Guidelines in 62-761.210, F.A.C. This includes system components in contact with soil, such as dispenser sumps, piping sumps, and spill containment systems.

General Facility Information

Facility Name: 7/11 DEP Facility ID Number: 34806
Street Address (physical location): 28175 Tamiami Trail Bonita Springs
County: Lee Facility Telephone:
Owner Name: Owner Telephone:
Owner Address:

Storage Tank System Information

Number of Tanks Installed: Number of Tanks Removed:
Date Work Initiated: Date Work Completed:
Tank(s) Manufactured by:
Description of Work Completed

Removed single wall over spill buckets and installed double wall OPW over spill buckets and filled sumps with 89 rock

Certification

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

(Type or Print)

Techniflow, Inc	PCC1256945
Certified Pollutant Storage System Contractor Name	PSSC Number (Pollutant Storage System Contractor License #)
Certified Pollutant Storage System Contractor Signature	2/15/2023
	Date
Johnny Jackson	2/15/2023
Field Supervisor's Name	Date

The owner or operator of the facility must register a new storage tank system with the Department and submit to tankregistration@floridadep.gov, prior to installation, see Rule 62-761.400, F.A.C. The installer must submit this form to the County* no more than 21 days after the completion of installation, replacement, or 21 days after removal of a storage tank system and system components in accordance with Rule 62-761.400, F.A.C.

**County means a locally administered governmental progrom under contract with the Deportment to perform complionce verificotion octivities at facilities with storage tank systems.*

ATTACHMENT C

Discharge Report Form

Department of Environmental Protection

2600 Blair Stone Road ♦ Tallahassee, Florida 32399-2400

DEP Form: 62-761.900(1)
Form Title: Discharge Report Form
Effective Date: January 2017
Incorporated in Rule 62-761.405, F.A.C.

DISCHARGE REPORT FORM

Complete all applicable blanks, and submit copies of any analytical or field test results confirming contamination to soils, surface water, or groundwater to the County via email or mail.

Facility ID Number (If Registered): 36/8944111 Date of Form Completion: 2/16/2023 Date of Discovery: 2/15/2023

Facility Name: 7-Eleven Store No. 34806 County: Lee

Facility (Property) Owner: 7-Eleven, Inc. Telephone Number: N/A

Owner Mailing Address: 3200 Hackberry Road, Irving, Texas 75063

Location of Discharge (Facility Street Address): 28175 S. Tamiami Trail, Bonita Springs, Lee County, Florida 33923-3204 Lat/Long: 26:19:40/81:48:18

Date of receipt of any test or analytical results confirming a discharge: 2/15/2023 Estimated number of gallons discharged: Unknown

Discharge affected: (Check all that apply)

- [■] Soil
- [ ] Groundwater
- [ ] Soil water (water body name) _____
- [ ] Drinking water well(s)
- [ ] Shoreline
- [ ] Other (specify) _____

Evidence of discharge: (Check all that apply)

- [ ] Visual observation of sheen
- [■] Results or receipt of results of analytical tests
- [ ] Stained soils
- [ ] Visual observation of free product
- [ ] Spill or vehicle overfill > 25 gallons to a pervious surface
- [ ] Other (explain in comments)

Method of discovery and confirmation of discharge: (Check all that apply, see rule language explanation on instructions for this form)

- [ ] Visual observation
- [■] Closure/Closure sampling assessment
- [ ] Surface water analytical results
- [ ] Groundwater analytical results
- [■] Soil analytical results
- [ ] Other (specify) _____

Type of regulated substance discharged: (Check all that apply)

- [■] Gasoline
- [ ] Jet fuel
- [ ] Mineral acids (ASTs)
- [■] Diesel
- [ ] Used/waste oil
- [ ] Ammonia compound
- [ ] Chlorine compound
- [ ] Heating oil
- [ ] New motor/lube oil
- [ ] Biofuel blends
- [ ] Kerosene
- [ ] Pesticide
- [ ] Unknown
- [ ] Aviation gas
- [ ] Grade 5 & 6 residual oils
- [ ] Other (specify) _____
- [ ] Hazardous substance (USTs) – write name or Chemical Abstract Service (CAS) #: _____

Discharge originated from a: (Check all that apply)

- [ ] Tank
- [ ] Other secondary containment
- [ ] Railroad tankcar
- [ ] Piping
- [ ] Fitting or pipe connection
- [ ] Barge, tanker ship or other vessel
- [■] Spill bucket
- [ ] Valve
- [ ] Pipeline
- [ ] Dispenser
- [ ] Tank truck
- [ ] Drum
- [ ] Piping sump
- [ ] Vehicle or customer vehicle
- [ ] Unknown
- [ ] Dispenser sump
- [ ] Aircraft
- [ ] Other (specify) _____

Cause of the discharge: (Check all that apply)

- [ ] Spill
- [ ] Material failure (crack, split, etc.)
- [ ] Collision
- [ ] Weather
- [ ] Overfill
- [ ] Material incompatibility
- [ ] Vehicle accident
- [ ] Human error
- [ ] Corrosion
- [ ] Improper installation
- [ ] Fire/explosion
- [■] Unknown
- [ ] Puncture
- [ ] Loose connection
- [ ] Vandalism
- [ ] Other (specify) _____

Actions taken in response to the discharge:

APTIM, on behalf of 7-Eleven, Inc., will conduct a site assessment in accordance with Chapter 62-780, Florida Administrative Code.

Comments:

APTIM, on behalf of 7-Eleven, Inc., will conduct a site assessment in accordance with Chapter 62-780, Florida Administrative Code.

Agencies notified (as applicable):

- [ ] Fire Department
- [ ] County Program _____
- [✓] District Office Southwest
- [ ] State Watch Office 800-320-0519
- [ ] National Response Center 800-424-8802

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

Jaime Peña, on behalf of 7-Eleven, Inc.
Printed Name of Owner, Operator or Authorized Representative

Pena, Jaime L
Digitally signed by Pena, Jaime L
Date: 2023.02.16 15:09:54 -05'00'
Signature of Owner, Operator or Authorized Representative

Wimberly, Evan

From: Jordan, Jessica L <jessica.jordan@aptim.com>
Sent: Monday, August 28, 2023 2:27 PM
To: Wimberly, Evan
Cc: Bohentin, Brett P
Subject: 7-Eleven Store No. 34806 (36/8944111)_Field Work Notification

EXTERNAL MESSAGE
This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Good afternoon,

Fieldwork at 7-Eleven Store No. 34806, located at 28175 S Tamiami Trail in Bonita Springs, has been scheduled for this next month.
We will be collecting groundwater samples from all six wells on Wednesday, September 6th.
The FAC ID No. is 36/8944111.

Thank you,

JESSICA JORDAN, CHMM, REM
Scientist IV

APTIM | ENVIRONMENT & SUSTAINABILITY

O 813-612-3651
M 813-367-7390
E jessica.jordan@aptim.com

APTIM
725 U.S. Highway 301 South
Tampa, FL 33619
APTIM.com

SITE 4 – BONITA SPRINGS CENTRAL OFF / CELLULAR TOWER

LEE COUNTY
SOUTHWEST FLORIDA
BOARD OF COUNTY COMMISSIONERS

John E. Manning
District One

Cecil L Pendergrass
District Two

Larry Kiker
District Three

Brian Hamman
District Four

Frank Mann
District Five

Roger Desjarlais
County Manager

Donna Marie Collins
Hearing Examiner

Richard Wm. Wesch
Couunty Attorney

5/4/22

David Bloome
Level 3 Communications
E-mail -David.bloome@lumen.com

RE: In Compliance
Facility ID: 9802560, 9800888, 9602086
County: LEE
Inspection Date:03/24/2022
Facility Type: C - Fuel user/Non-retail
Facility Name: LEVEL 3 COMMUNICATIONS LLC
Lee, Charlotte & Desoto County – Storage Tanks Program

Dear Mr. Bloome:

A storage tanks inspection and file review were conducted at the above noted facility by the Lee, Charlotte & Desoto County Storage Tanks Program, on behalf of the Florida Department of Environmental Protection. Based on the information provided during and following the inspection, the facility was determined to be in compliance with the Department's storage tank rules and regulations. A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Keith Kleinmann at (239) 822-6399 or at Kkleinmann@leegov.com.

Sincerely,

Keith Kleinmann
Environmental Specialist, SR.

SITE 5 – SPRING FRESH DRY CLEANERS

EBI Consulting
environmental | engineering | due diligence

21 B Street
Burlington, MA 01803
Tel: (781) 273-2500
Fax: (781) 273-3311
www.ebiconsulting.com

May 23, 2016

Charles A. Masella
FDEP South District CAP TK/SW/WC
239-344-5667
Charles.Masella@dep.state.fl.us

RE: Groundwater Sampling Letter Report/Site Rehabilitation Completion Report (SRCR)
8951 Bonita Beach Road
Bonita Springs, Florida 33923
FDEP Tracking: COM_50410 (Waste Cleanup)
EBI Project #1215000117

Dear Mr. Masella:

EBI Consulting (EBI) on behalf the current site owner is pleased to submit our *Groundwater Sampling Letter Report (Report)*/ Site Rehabilitation Completion Report (SRCR) requests for the property identified located at 8951 Bonita Beach Road in Bonita Springs, Florida (the Subject Property).

BACKGROUND

Spring Fresh Drycleaners was formerly located in Unit 210 of the northwest building from approximately the 1980s until the 1990s. Previous investigations at the Subject Property identified impact groundwater in the vicinity of the former dry cleaner. Mr. Steve Folsom of HAS Engineers & Scientists stated that the contamination appears to be confined primarily to the former drycleaners space and the direction of groundwater is to the north. The Subject Property was enrolled in the Florida Department of Environmental Protection (FDEP) Voluntary Cleanup Program (VCP). Initial remediation activities began in May 1999 and the FDEP approved the Remedial Action Plan (RAP) in June 1999.

The RAP consisted of a two –phase approach to remediation. Phase I concentrated on source removal in the unsaturated soils beneath the former drycleaner and in the rear of the building. This was accomplished by using dual-phase extraction (liquid ring pump) that created a high vacuum beneath the building slab and asphalt behind the building, and removing contamination soil vapor as well as groundwater in the vicinity. Phase II focused on treating groundwater contamination composed of cDCE using biosparging to accelerated natural attenuation. A groundwater recovery system was also included in Phase II to control movement of oxygenated groundwater. In June 2000, HAS submitted a report amending the RAP to include lactate injection. The Remediation Performance report dated November 27, 2002 recommended installation of an additional recovery well (RW-1) nearer the recognized source (back door of the former facility) to further reduce remediation time.

From reviewing the October 2003, December 2003, and March 2004 quarterly monitoring session reports, it appears that many of the contaminants levels have decreased over time. HAS proposed using alternative cleanup levels based on poor water quality in the general area of the Subject Property. Based on a letter dated January 2, 2004, FDEP approved the use of the alternative cleanup levels but indicated that an institutional control, such as a deed restriction, would be required to achieve closure if the alternative levels were utilized. As of March of 2006, the site has reached closure and no further remediation was required provided deed restrictions or engineering controls were implemented.

FIELD ACTIVITIES

In order to establish current groundwater conditions, the monitoring wells were inspected and sampled. On May 29, 2015, EBI conducted a well search at the Subject Property. A total of 10 monitoring wells were identified onsite. Each of the wells were inspected to determine the integrity of the well. Two of the monitoring wells could not be opened because the manhole covers were concreted on and could not be removed. The monitoring well locations are presented in Figure 1, attached. The table below summarizes the identified monitoring wells.

SUMMARY OF MONITORING WELL DETAILS

WELL ID #	DEPTH TO WATER (FEET)	WELL DEPTH (FEET)	WELL DIAMETER (INCHES)	NOTES
MW-1	UNKNOWN	UNKNOWN	UNKNOWN	COULD NOT OPEN
MW-3	4.30	11.90	1	GOOD CONDITION
MW-4	UNKNOWN	UNKNOWN	UNKNOWN	COULD NOT OPEN
MW-7	4.19	12	2	GOOD CONDITION
MW-8	2.55	12	2	WELL COVER BROKEN
MW-9	4.07	8.2	2	PARTIALLY FILLED WITH SEDIMENT
MW-10	2.61	12.8	2	GOOD CONDITION
CW-1	5.88	28.5	1	GOOD CONDITION
CW-2	5.70	39.35	1	GOOD CONDITION
DW-1	5.10	37.9	2	GOOD CONDITION

Note: bgs = below ground surface

Groundwater samples were collected from existing monitoring wells using a peristaltic pump and disposable tubing.

Prior to the collection of groundwater samples, each well was purged of three to five boring volumes of groundwater and the pH, specific conductance, and temperature, and dissolved oxygen (DO) of the groundwater was recorded approximately every one-half boring volume. Well purging continued until a minimum of three well volumes was purged and measurements of field parameters varied by less than 10% between consecutive readings. EBI recorded the field data collected during groundwater sampling onto Groundwater Sampling Records that are presented in Appendix B.

The groundwater samples were collected in clean laboratory-provided containers. Samples collected for VOC analysis were preserved with hydrochloric acid to a pH less than 2. Each sample was labeled/logged onto a chain-of-custody form, and placed in a cooler with ice for preservation in accordance with current Federal EPA SW-846 (3rd ed.). After collection, the samples were submitted to an independent qualified laboratory Accutest for analyses. The samples were analyzed for VOC analysis via EPA Method 8260.

ANALYTICAL RESULTS

The groundwater samples were analyzed for VOC analysis via EPA Method 8260. The following table presents only the contaminants identified above the laboratory method detection limits:

Table 1		Groundwater Results								
Project:		8951 Bonita Beach Rd, Bonita Springs, FL								
Project Number:		1215000117								
Legend:									Hit	Exceed
Client Sample ID:		FDEP Groundwater Criteria	CW-1	CW-2	DMW-2	MW-10	MW-3	MW-7	MW-8	MW-9
Lab Sample ID:			FA24850-4	FA24850-5	FA24850-8	FA24850-1	FA24850-3	FA24850-7	FA24850-2	FA24850-6
Date Sampled:			6/2/2015	6/2/2015	6/2/2015	6/1/2015	6/1/2015	6/2/2015	6/1/2015	6/2/2015
Matrix:			Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
VOCs										
Bromodichloromethane	ug/l	0.6	ND	ND	ND	ND	ND	ND	ND	**0.67 I**
Chloroform	ug/l	70	ND	ND	ND	ND	ND	ND	ND	3
cis-1,2-Dichloroethylene	ug/l	70	8.2	6	9	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	ug/l	100	5.1	2.1	7.7	ND	ND	ND	ND	ND
Tetrachloroethylene	ug/l	3	ND	ND	ND	ND	ND	0.34 I	ND	ND
Vinyl Chloride	ug/l	1	**1.1**	**4.7**	ND	ND	ND	ND	ND	ND

Notes: All results are shown in micrograms per liter ug/L
ND = Non-detected above laboratory detection limits

The analytical results of the groundwater samples revealed concentrations of bromodichloromethane and vinyl chloride above the FDEP Groundwater Criteria.

Laboratory groundwater analytical results and complete laboratory data sheets and chain-of-custody documentation are attached along with the groundwater sampling field data sheets.

ADDITIONAL REMEDIAL ACTIVITIES AND GROUNDWATER SAMPLING RESULTS

EBI returned to the Subject Property on December 3 and 4, 2015 to complete a round of groundwater extraction from wells CW-1, CW-2 and MW-9. Approximately 165 gallons were purged from MW-9, 55 gallons from CW-2 and 275 gallons from CW-1. Recovery was low from well CW-2 (deep well) so additional groundwater was purged from CW-1.

Groundwater samples were collected from all of the onsite monitoring wells on December 10, 2015. The groundwater samples were analyzed for VOC analysis via EPA Method 8260. The following table presents only the contaminants identified above the laboratory method detection limits:

Table 2	Groundwater Results									
								Legend:	Hit	Exceed
Client Sample ID:		FDEP Groundwater Criteria	CW-1	CW-2	DMW-2	MW-10	MW-3	MW-7	MW-8	MW-9
Lab Sample ID:			FA29984-4	FA29984-5	FA29984-8	FA29984-1	FA29984-3	FA29984-7	FA29984-2	FA29984-6
Date Sampled:			12/10/2015	12/10/2015	12/10/2015	12/10/2015	12/10/2015	12/10/2015	12/10/2015	12/10/2015
Matrix:			Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
VOCs										
cis-1,2-Dichloroethylene	ug/l	70	5	5.5	8.1	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	ug/l	100	3	2.3	8	ND	ND	ND	ND	ND
1,2-Dichloroethene (total)	ug/l	63	8.1	7.7	16.1	ND	ND	ND	ND	ND
Vinyl Chloride	ug/l	1	ND	**1.6**	ND	ND	ND	ND	ND	ND

Notes: All results are shown in micrograms per liter ug/L
ND = Non-detected above laboratory detection limits

The analytical results of the groundwater samples revealed concentrations of vinyl chloride above the FDEP Groundwater Criteria in monitoring well CW-2.

EBI returned to the Subject Property on March 10, 2016 to complete a round of groundwater sampling. Groundwater samples were collected from all of the onsite monitoring wells on December 10, 2015. The groundwater samples were analyzed for VOC analysis via EPA Method 8260. The following table presents only the contaminants identified above the laboratory method detection limits:

Table 3	Groundwater									
								Legend:	Hit	Exceed
Client Sample ID:		FDEP Groundwater Criteria	MW-10	MW-8	MW-3	CW-2	CW-1	MW-7	MW-9	DMW-2
Lab Sample ID:			FA32152-1	FA32152-2	FA32152-3	FA32152-4	FA32152-5	FA32152-6	FA32152-7	FA32152-8
Date Sampled:			3/10/2016	3/10/2016	3/10/2016	3/10/2016	3/10/2016	3/10/2016	3/10/2016	3/10/2016
Matrix:			Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
VOCs										
cis-1,2-Dichloroethylene	ug/l	70	ND	ND	ND	4.4	4.8	ND	ND	5.8
trans-1,2-Dichloroethylene	ug/l	100	ND	ND	ND	1.6	3	ND	ND	6
1,2-Dichloroethene (total)	ug/l	63	ND	ND	ND	6	7.9	ND	ND	11.8
Tetrachloroethylene	ug/l	3	ND	ND	ND	ND	ND	0.331	ND	ND
Vinyl Chloride	ug/l	1	ND	ND	ND	**1.5**	**1.3**	ND	ND	ND

The analytical result of the groundwater samples revealed concentrations of vinyl chloride above the FDEP Groundwater Criteria in monitoring wells CW-1 and CW-2.

Laboratory groundwater analytical results and complete laboratory data sheets and chain-of-custody documentation are attached along with the groundwater sampling field data sheets.

CONCLUSIONS AND RECOMMENDATIONS

On June 1 and 2, 2015, EBI conducted groundwater sampling from the existing monitoring wells at the Subject Property. The samples were analyzed for VOCs via EPA Method 8260. The analytical results of the groundwater samples revealed concentrations of bromodichloromethane and vinyl chloride above the FDEP Groundwater Criteria.

EBI returned to the Subject Property on December 3 and 4, 2015 complete a round of groundwater extraction from wells CW-1, CW-2 and MW-9. Approximately 165 gallons were purged from MW-9, 55 gallons from CW-2 and 275 gallons from CW-1. Recovery was low from well CW-2 (deep well) so additional groundwater was purged from CW-1.

Groundwater samples were collected from all of the onsite monitoring wells on December 10, 2015. The analytical results of the groundwater samples revealed concentrations of vinyl chloride above FDEP Groundwater Criteria in monitoring well CW-2.

EBI returned to the Subject Property on March 10, 2016 and collected groundwater samples from all of the onsite monitoring wells. The analytical result of the groundwater samples revealed concentrations of vinyl chloride above the FDEP Groundwater Criteria in monitoring wells CW-1 and CW-2.

Based on the results of the sampling and the email from FDEP dated April 19, 2016 (copy attached), EBI is requesting for consideration No Further Action (NFA), pursuant to Chapter 62-780.680(1) Risk Management Options Level I (RMO I).

The contact information for the responsible party is as follows:

Mr. John Kopans
DRA Advisors, LLC
220 E 42nd Street, 27th Floor
New York, NY 10017

Thank you for providing EBI the opportunity to assist you in this important project. Please contact Rich George at 954.483.6722 with any comments or questions you may have.

Respectfully submitted,
EBI CONSULTING

Richard George,
Author/Senior Project Manager
(954) 483-6722

David Brutcher, PG
Reviewer/Senior Program Manager
Florida PG # 1329

Attachments:

A: Figure 1
B: Laboratory Results
C: Groundwater Sampling Field Data Sheets

Monitoring Well Location Map

SITE 7 – BP-BONITA-OLEUM CORP

TEMPLATE SITE ASSESSMENT REPORT

DATE: January 2, 2018
PO#/TA#/WO#: PO# AFE071/B0D4A2

Site FDEP Facility ID #	36/8520618 Score: 10
Site Name:	BP Bonita-Oleum Corp.
Address:	9021 Bonita Beach Road
City:	Bonita Springs
County:	Lee
Consultant Company:	Earth Systems Inc.
Address:	445 Lantana Road
City, State, Zip	Lantana, Florida 33462
Consultant Rep.:	Scott Moore
Phone #:	(561) 588-3985
Responsible Party Name:	Fifth Third Bank
Address:	4427 West Kennedy Boulevard
City, State, Zip:	Tampa, Florida 33609
Responsible Party Rep.:	Bradley Newman
Phone #:	(813) 289-7022

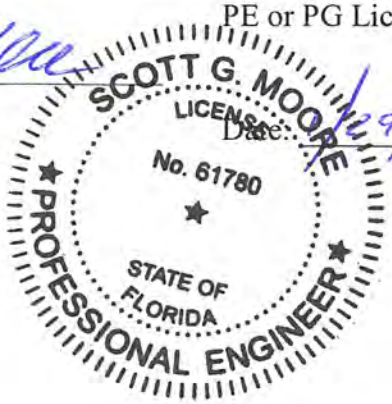
CERTIFICATION:

Qualified Registered Professional Engineer or Registered Professional Geologist Certification.
I hereby certify that I have supervised the field work (as summarized in the "Recent Site Assessment Activities" section) and preparation of this report, in accordance with Florida Rules and Regulations. As a registered professional geologist and/or professional engineer, as authorized by Chapters 492 or 471, Florida Statutes, I certify that I am a qualified groundwater professional, with knowledge and experience in groundwater contamination assessment and cleanup. To the best of my knowledge, the information and laboratory data summarized in the "Recent Site Assessment Activities" section (including the applicable attachments) are true, accurate, complete, and in accordance with applicable State Rules and Regulations. ***Include a hard (paper) copy of this cover page, signed and sealed, when submitting the report electronically.***

Consultant Name: Scott G. Moore, P.E.

PE or PG License #: No. 61780

Signature: Scott Moore Date: 1/29/18



FLORIDA Stamp or Seal

SECTION I - Facility & Discharge Information/Initial Abatement

☐ *Cluster Site*

Part _____ Facility FDEP# _____ Site Name: _____

I-A) Site Description

Please provide a brief description of the site and a summary of site history and operations. What type of business or businesses (if any), non-petroleum as well as petroleum, operated at the former/present site? If petroleum, describe where all former and current fuel tanks, lines and dispensers were/are located (indicating how this information was obtained). Describe any access constraints (utility conduits, canopies, land cover, etc.) which also might influence the placement of monitoring wells and/or the installation of soil borings. Indicate whether there are any owner issues or traffic concerns which might effect when the work can be performed? ***Please indicate when the requested information is best illustrated on the site map.***

The site was formerly a BP gas station that was demolished in 1994 and is currently developed as a Fifth Third Bank. File review information indicates that three 10,152-gallon underground storage tanks (USTs) and one 12,000-gallon UST were installed between 1976 and 1980. The USTs, formerly located near the northeast corner of the property, were used for storing leaded gasoline, unleaded gasoline, and diesel fuel and were removed in November 1988. Subsequently, four 10,000-gallon USTs were installed in the same UST area and were used to store unleaded gasoline and diesel fuel. Those USTs were removed in November 1994 during demolition of the gas station facility. A Discharge Reporting Form (DRF) was filed on November 17, 1994 after elevated soil vapor screening readings were encountered during the removal of the USTs, product piping, and dispenser islands. Over 400 tons of petroleum contaminated soil were stockpiled on site during the UST system removal. The soil was later transported offsite for thermal treatment in December of 1994.

Currently, access constraints at the Fifth Third Bank building include dense landscaping in front of the bank building. The southern portion of the former dispenser area is now located under a portion of the building. The bank requested that the deep monitoring well installation via sonic drilling be conducted after hours on the weekend to prevent disruptions to their business operations.

A utility corridor north of the bank parking lot prevented the advancement of soil boring and installation of monitoring wells in this area. The soil borings and monitoring wells were installed onsite, south of the utility corridor and in the Bonita Beach Road right-of-way, north of the utility corridor.

The site location is included on **Figure 1A.** A site plan depicting underground utilities, former USTs, dispensers, adjacent structures, and current and former well locations is provided as **Figure 1B**.

Site map (Figures 1A, 1B) illustrating all current & former tanks, lines and dispensers (including utilities, canopies, etc.) is included in Appendix B

I-B) Petroleum System/Tank History (continued)

	YES	NO
Petroleum System Closure? *If yes, briefly describe type of petroleum system (AST, UST, distribution lines, etc.) and closure activities conducted.* ***Description not needed if copy of system tank closure report included.***	X	

Note: Section I-C should be used to document soil, groundwater or product removal performed during closures.

The USTs that were originally installed in July 1976 were removed in November 1988. A UST Closure Report was not found for the July 1976 UST removal. Replacement USTs were installed in the same location in November 1988. The replacement USTs were removed in November 1994. A copy of the UST Closure Report is included in **Appendix C.**

[X] Description of system closure activities included in attached tank closure report.

Copy of tank or system closure report (if applicable) included in Appendix C

I-C) Release Information

	Discovery Date(s)	Program Type(s): *ATRP, EDI, PCPP, PLRIP or Non-program* *(please indicate if a non-program discharge has been combined with an eligible discharge)*
1st	November 17, 1994	Petroleum Liability and Restoration Insurance Program (PLRIP)
2nd		
3rd		
4th		
5th		
6th		

-Source description and release history that includes date(s) of release(s), cause(s) of release(s), where they occurred, type(s) of product released and volume(s) of release(s) [please explain how estimates were derived].

A Discharge Reporting Form (DRF) was filed on December 16, 1992 as a result of a DER inspection and an elevated MTBE concentration in a monitoring well sample. A DRF was filed on November 17, 1994 after elevated soil vapor screening readings were collected during the removal of the USTs, product piping, and dispenser islands. On April 27, 1995, FDEP determined that the site was eligible for state-funded cleanup assistance under the Florida PLRIP. Copies of the DRFs and the program eligibility letter is provided in **Appendix C**.

- Suspected type(s) of product released:

[ ]	Leaded Gasoline	[X]	Diesel/Kerosene	[X]	Unleaded Gasoline
[ ]	Used Oil	[ ]	Unknown	[ ]	Other:

I-D) Initial Abatement/Source Removal

(Soil/Groundwater/Free Product removal during tank closures):

Was soil contamination detected during petroleum system closure? *If yes, please briefly describe extent of petroleum impacts and method(s) used to identify soil contamination.*	YES	NO	N/A
	X		

Elevated soil vapor screening readings were encountered during the removal of the USTs, product piping, and dispenser islands. A copy of the January 1995 Site Closure Report is included in **Appendix C.**

Site map (Figure 3) illustrating soil sampling locations is included in Appendix C

Tabular summary of soil sampling results (Table 1) is included in Appendix C

Was contaminated soil removed? *If yes, please describe the horizontal and vertical extents of the soil removal and indicate where contaminated soil might still exist.*	YES	NO	N/A
	X		

According to the January 1995 Site Closure Report, 403.17 tons of petroleum contaminated soil were stockpiled on site during the UST system removal. Contaminated soil was removed from the UST area and the east and west dispenser islands to a total depth of approximately six feet below land surface (bls). The soil was later transported offsite for thermal treatment in December of 1994. Contaminated soil may still be present outside of the excavated area or below five feet bls.

Approximate depth to water at time of excavation (if known) ~6 *feet bls*

Approximate amount removed 403.17 *tons* X *yds*^{3} ☐ *Date:* 12/1994

Disposal method: *Thermal Treatment*

I-D) Initial Abatement/Source Removal (continued)

	YES	NO	N/A
Was groundwater contamination detected during petroleum system closure? If yes, please indicate whether wells were installed (including their construction details if possible) and indicate the maximum levels for petroleum contaminants of concern that were detected.			X

The January 1995 Site Closure Report did not include the investigation of groundwater impacts or indicate the presence groundwater contamination at the site.

Site map (Figure --) illustrating groundwater sampling locations is included in Appendix --

	YES	NO	N/A
Was contaminated water removed? If yes, please identify removal location(s) and describe method of removal.			X

Approximate volume removed: -- *gallons* *Date(s):* --

Disposal method: --

I-D) Initial Abatement/Source Removal (continued)

Was free product detected during petroleum system closure? *If yes, please describe location(s) where product was observed and thickness observed.*	YES	NO	N/A
			X

According to the January 1995 Site Closure Report, the water table was encountered at a depth of approximately six feet below grade. The presence or absence of free product was not mentioned in the report. A copy of the January 1995 Site Closure Report is included in **Appendix C.**

Site map (Figure --) illustrating locations where free product was observed is included in Appendix --

Tabular summary of product thickness (Table --) is included in Appendix --

Was free product removed? *If yes, please identify removal location(s) and describe method of removal.*	YES	NO	N/A
			X

Volume removed: -- *gallons* *Date(s):* --

Disposal method: --

SECTION II - Background Site Assessment Information

II-A) Receptor Investigation

	YES	NO	Unknown
Are large (>100,000 gallons per day) public supply potable wells located within 1/2 mile? *If yes, please indicate distance(s) and direction(s) from site, if they are located downgradient and if the well(s) are screened deeper than contamination. If unknown, please explain.*		X	

Earth Systems performed a site vicinity reconnaissance and receptor survey during site visits in November 2016 and February 2017 and reviewed the most recent Florida Department of Health (FDOH) Well Survey (conducted in April 2013). Public supply wells were not identified within one half-mile of the property. A Potable Well Radius Map and a copy of the Receptor Survey and Exposure Pathway Identification Form are provided in **Appendix C**.

Potable well survey map (Figure --) is included in Appendix C
Potable well construction summary (Table --) is included in Appendix --

	YES	NO	Unknown
Are water wells, including irrigation, industrial and all potable wells (<100,000 gallons per day), located within1/4 mile? *If yes, please identify the type(s) of wells, their distances and directions from the site, if they are located downgradient and if the well(s) are screened deeper than the contamination. If unknown, please explain.*	X		

Earth Systems performed a site vicinity reconnaissance and receptor survey during site visits that occurred in November 2016 and February 2017 and reviewed the most recent Florida Department of Health (FDOH) Well Survey (conducted in April 2013). One commercial irrigation well (WEL2001-00039) was located approximately 250 feet downgradient at 9020 Bonita Beach Road SE. Industrial or private potable wells were not identified within one quarter-mile of the property.

Water well survey map (Figure --) is included in Appendix C
Water well construction summary (Table --) is included in Appendix --

II-A) Receptor Investigation (continued)

	YES	NO
Was an area use survey performed? *If yes, please identify all water wells within the survey area (as identified in the database searches and walk through survey), all surface waters, any basements or other subsurface structures and any other receptors which might be impacted. Please indicate predominant property use in area and if there are any potential off-site contamination sources located within at least a one block radius of the contaminant plume.*	X	

An area survey was performed during site visits that occurred in November 2016 and February 2017. The subject property is a Fifth Third Bank located in the Bonita Springs on the southeast corner of Bonita Beach Road SE and Arroyal Road (**Figure 1B**). The areas adjacent to the site are developed primarily as commercial properties. Residential properties are situated immediately south of the Fifth Third Bank property. An land use radius map and a copy of the Receptor Survey and Exposure Pathway Identification Form are included in **Appendix C.**

The Florida Department of Environmental Protection Contamination Locator Map System identified Spring Fresh Cleaners (FAC ID ERIC_4849) as pending cleanup site within a one block radius of the Fifth Third Bank property. No other potential off-site contamination sources were identified. A Site Vicinity Map is provided as **Figure 2**.

Area use survey map (Figure 2) is included in Appendix B

	YES	NO	Unknown
Are there any potable wells that have been impacted by contamination? *If yes, please describe what was done to provide users of the contaminated potable well(s) an alternative drinking water supply. If unknown, please explain.*		X	

No known potable wells affected by this facility were identified.

II-A) Receptor Investigation (continued)

	YES	NO	Unknown
Are there any surface water bodies which have been impacted by the contamination? *If yes, please describe what (if anything) has been done to abate or prevent contamination impacting surface water. If unknown, please explain.*		X	

There are no reports that any nearby surface water bodies have been impacted by contamination associated with the BP Bonita-Oleum site.

	YES	NO
Are the Chapter 62-777, F.A.C., (effective April 17, 2005) default Cleanup Target Levels (CTLs) for soil and groundwater the cleanup goals for this site?	X	

If no, please indicate if the cleanup goals are from the 1999 version of Chapter 62-770, F.A.C., or pre-1999, apply to this site (providing the reason why) or if alternative cleanup target levels have been or might be established for this site (outlining all engineering and/or institutional controls which already exist or will need to be implemented in the future).

The Chapter 62-777, F.A.C. default CTLs for soil and groundwater are the cleanup goals for this site.

Site Name: BP Bonita-Oleum Corp
Facility ID #: 36/8520618
Date: January 2018

II-B) Previous Site Assessment

Information not described in Section I ("release information" or "initial abatement/source removal")

Was site assessment work performed? *If yes, please indicate who performed it (with reason performed) and dates performed (see table below)*

YES [X] NO [ ]

List of all reports where site assessment information was originally submitted to the FDEP (oldest to most recent):

Date of report	Title of report	Company that prepared report
3/1995	Contamination Assessment Report	Coastal Resource Management

Was soil assessment performed? *If yes, please briefly describe work performed and discuss results.* ***A description of the sampling results can be omitted if the data are included with current tabular summaries and soil plume maps (if applicable).***

YES [X] NO [ ]

On December 1, 1994, 62 soil borings were advanced to 6.5 feet below land surface (bls), the approximate depth of the water table. Soils were screened with an organic vapor analyzer (OVA) and elevated vapor concentrations greater than 50 parts per million (ppm) were detected on the northern half of the property and west of the former UST area. The results also indicated impacts to soils north of the property boundary.

[X] Results included in current soil OVA screening and soil analytical summary tables.

Site map (Figure 6-1, 6-2 (CAR)) illustrating sampling locations is included in Appendix C

Tabular summary of soil sampling results (Table 1) is included in Appendix A

II-B) Previous Site Assessment (continued)

Any monitoring wells installed? *If yes, briefly identify where the wells were installed and describe their construction. Please indicate if the wells are still on-site.* ***The well descriptions and can be omitted if the information is included in a current tabular summaries.***	YES	NO
	X	

Between January and March 1995, Coastal Resource Management (CRM) supervised the installation of five onsite and six offsite monitoring wells (MW-1 through MW-8, MW-9D, MW-10 and MW-11). The 11 previously installed monitoring wells were not found during the site reconnaissance visit conducted by Earth Systems in November 2016. Monitoring well MW-7 was later located during additional site assessment work.

Site map (Figure 1B) illustrating well locations is included in Appendix B
Tabular summary of well construction details (Table 3) is included in Appendix A

Has direct push (geoprobe) groundwater grab-sampling been performed? *If yes, briefly identify the locations and depths where the samples were collected.* ***A description of the sample locations and results can be omitted if the information is included in current site maps and tabular summaries***	YES	NO
		X

No previous direct push groundwater grab-sampling has been performed at this facility.

Site map (Figure --) illustrating the groundwater sampling results is included in Appendix --
Tabular summary of groundwater sampling results (Table --) is included in Appendix --

II-B) Previous Site Assessment (continued)

Was groundwater sampling performed? *If yes, briefly describe what sampling was performed and summarize results.* ***A description of the sampling results can be omitted if the data are included with the current tabular summaries and groundwater plume maps (if applicable).***

YES [X] NO [ ]

Between January and March 1995, CRM supervised the installation of five onsite and six offsite monitoring wells (MW-1 through MW-8, MW-9D, MW-10 and MW-11). The wells were subsequently sampled, and petroleum hydrocarbon and lead concentrations were detected above respective Groundwater Cleanup Target Levels (GCTLs). In March 1995, benzene was detected above its GCTL in the onsite deep well (MW-9D) which is screened from 19 to 24 feet bls.

[X] Results included in current groundwater analytical summary table.

Site map (Figure 6-5 (CAR)) illustrating sampling locations is included in Appendix C

Tabular summary of groundwater results (Table 4A, 4B) is included in Appendix A

Has free product been observed in wells or excavations (not including tank and/or system closures)? *If yes, please describe.* ***A description of the thickness measured can be omitted if the previous data are included with the current tabular summaries and illustrated on current free product plume maps (if applicable).***

YES [ ] NO [X]

Free product has not been observed in any wells or excavations on site.

Site map (Figure --) illustrating locations where free product was observed is included in Appendix --

Tabular summary of free product thickness (Table --) is included in Appendix --

II-B) Previous Site Assessment (continued)

Has the previous site assessment been approved by the FDEP (was a CAR or SAR approval letter issued?)

YES [ ] NO [X]

Date site assessment (or contamination assessment) was approved: CAR Comments 6/15/95

II-C) Previous Remediation

Has a Remedial Action Plan been prepared? If yes, please briefly describe the remedial strategy. ***The description of the remedial strategy can be omitted if the RAP was implemented (this item will be addressed in the active remediation section that follows).***

YES [ ] NO [X]

FDEP records do not indicate that a Remedial Action Plan has been prepared at the site.

Date of RAP: -- Prepared by: --

[ ] Remedial Action Plan approved by FDEP. Date of RAP approval order --

Was soil excavation (not associated with a system closure) performed? If yes, please briefly describe work performed and discuss results.

YES [ ] NO [X]

The description of the source removal can be omitted if already discussed in the initial abatement section.

Source removal activities, other than during the UST system closure, have not been reported for this facility.

Approximate depth to water at time of excavation (if known) -- *feet*

Site map (Figure --) illustrating sampling locations and extent of excavation(s) is included in Appendix --

Tabular summary of soil sampling results (Table --) is included in Appendix --

II-C) Previous Remediation (continued)

Has active remediation been performed? If yes, please indicate dates performed (each applicable technology), evaluate previous system effectiveness and indicate if any previous equipment is still available for cleanup.	YES	NO
		X

Active remediation has not been reported for this facility.

Identify type(s) of active remediation previously performed:

- ☐ Air Sparging & Vapor Extraction
- ☐ Groundwater Recovery (pump & treat)
- ☐ Multiphase Extraction (w/dual phase)
- ☐ Limited scope well over-development
- ☐ Excavation
- ☐ Enhanced Bio-Remediation (ORC, etc.)
- ☐ Free Product Recovery
- ☐ Other: _____

SECTION III - Recent Site Assessment Activities

III-A) Soil Investigation

[soil sampling]

Was soil (vadose zone and smear zone) investigated? *If yes, please provide a brief discussion of soil sampling methodology, including the method(s) used to collect the laboratory samples. If no, please explain.*	YES	NO
	X	

On January 30 and January 31, 2017, Earth Systems supervised the advancement of 27 soil borings (SB-A through SB-AA) to a depth of 10 feet bls at the subject site. Soil samples were collected via hand auger and direct push technology (DPT) drilling equipment.

On February 1, 2017, Earth Systems supervised the advancement of four soil borings that were later converted to monitoring wells MW-12 through MW-15. These soil borings were each advanced to a depth of 12 feet bls via hand auger and hollow stem auger. During advancement of the soil borings, Earth Systems collected soil samples at one-foot depth intervals for the first six feet, and at two-foot depth intervals thereafter for organic vapor screening and lithological evaluation.

Based on the previous data, on July 27, 2017 Earth Systems supervised the advancement of 10 additional soil borings (SB-AB through SB-AK).

On July 27 and 28, 2017, Earth Systems supervised the advancement of six soil borings that were later converted to monitoring wells MW-16 through MW-21.

On November 11 and 12, 2017, Earth Systems supervised the advancement of four soil borings that were later converted to monitoring wells MW-12D, MW-15D, MW-16D, and MW-22.

During the soil investigations, Earth Systems characterized soil quality using an OVA equipped with a photoionization detector (OVA/PID) in accordance with the methodology prescribed in Section 62-770 Florida Administrative Code (F.A.C.). OVA/PID readings ranging from less than 1 ppm to 3,664 ppm were detected within the vadose zone. OVA/PID readings ranging from less than 1 ppm to 4,835 ppm were also detected within the smear and saturated zones. The vadose zone is defined as the interval extending from land surface to the water table (approximately 4.0 to 6.0 feet bls).

Based on discussions with the FDEP from the field, on February 1, 2017, a total of eight duplicate vadose zone soil samples were collected for laboratory analyses from the following locations and depth intervals: SB-C (1-2 feet bls); SB-H (2-3 feet bls); SB-K (1-2 feet and 3-4 feet bls); SB-M (1-2 feet and 3-4 feet bls); and SB-Y (1-2 feet and 3-4 feet bls). The soil samples were delivered to SGS Accutest Southeast (Accutest) and analyzed for benzene, toluene, ethylbenzene, total xylenes, and methyl-tert butyl ether (BTEX/MTBE) using EPA Method 8260B, polynuclear aromatic hydrocarbons (PAHs) using EPA Method 8270, and total recoverable petroleum hydrocarbons (TRPH) using the FLPRO Method. Extra soil was collected for contingent TRPH speciation and synthetic precipitate leaching procedure (SPLP) analyses.

On July 28, 2017, a total of four duplicate vadose zone soil samples were collected for laboratory analyses from the following locations and depth intervals: SB-AC (2-3 feet bls); SB-AD (1-2 feet bls), SB-AG (1-2 feet bls) and SB-AH (2-3 feet bls). The soil samples were delivered to Accutest for BTEX/MTBE, PAH, TRPH and contingent analyses. Laboratory samples were not collected or analyzed during the November 11 and 12, 2017 well installation.

Date of last soil screening event (OVA data) with or without laboratory sampling: *11/12/17*

Site map (Figure 3A & 3B) illustrating sampling locations is included in Appendix B

Tabular summary of soil screening results (Table 1) is included in Appendix A

Tabular summary of laboratory soil sampling results (Table 2A-2E) is included in Appendix A

Soil sampling logs (for laboratory samples) are included in Appendix D

Soil samples (previous sampling events included) have been collected and analyzed for:

Required for all suspected GAG & KAG contaminated sites.

[X] BTEX/MTBE (*low//high)* [X] PAHs [X] TRPHs

Required for all sites where Used Oil contamination is suspected.

[ ] Priority Pollutant Volatile Organics & Extractable Organics [ ] As, Cd, Cr, Pb [ ] TRPH

III-A) Soil Investigation

	YES	NO	N/A
Was soil Investigative Derived Waste (IDW) generated? *If yes, please describe method used for identifying soil needing disposal:*	X		

Based on the soil screening results using an OVA/PID, a total of 15 drums of soil IDW were generated during the soil investigation and monitoring well installation. A pre-disposal soil sample was analyzed by Accutest to profile the soil for proper disposal. A copy of the laboratory analytical report is included in **Appendix E**. On March 10, 2017, five drums were picked up for disposal. On August 29, 2017, four drums were picked up for disposal. On December 12, 2017, six drums were picked for disposal. The 15 drums were picked up by Clark Environmental, Inc. for proper disposal. A copy of the waste disposal manifests are included in **Appendix D.**

Volume of contaminated soil disposed of: 15 [X] *drums* [ ] *cu. yds.*

Disposal method: Thermal Treatment

	YES	NO	N/A
Was soil contamination above applicable Cleanup Target Levels identified above the water table? *If yes, identify where concentrations above CTLs were detected, depths encountered and corresponding OVA readings. If no, please indicate whether laboratory results agree with OVA readings (if they do not agree, please discuss significance of OVA screening data and/or reliability of laboratory results). If "N/A", please explain.*	X		

Laboratory analytical results indicate hydrocarbons were detected in the soil above SCTLs in the samples collected from soil borings SB-C (1-5.5), SB-K (0-5.5), SB-M (0-5.5), SB-Y (0-5.5), SB-AC (0-4), SB-AD (0-4.5), SB-AG (0-4.5), and SB-AH (0-4). Using OVA/PID soil screening data in conjunction with the laboratory analytical soil data, Earth Systems believes hydrocarbons are present above SCTLs in soil borings SB-B (0-5.5), SB-D (2-5.5), SB-F (1-5.5), SB-G (1-5.5), SB-L (0-5.5), SB-S (2-5), SB-V (0-5.5), SB-Z (2-5.5), and SB-AF (0-4).

Approximate volume of vadose zone soil contamination: ~273 *cu. yds.*

Site map (Figure 3B) illustrating extent of soil contamination is included in Appendix B

Soil concentration summary (Table 2A-2E) is included in Appendix A

Soil sampling logs (for laboratory samples) are included in Appendix D

III-A) Soil Investigation (continued)

	YES	NO	N/A
Was vadose zone soil contamination delineated? If no, please describe where additional borings should be located (indicating proposed depths of investigations). If "N/A", please explain.	X		

Site map (Figure 3B) illustrating proposed sampling locations is included in Appendix B

	YES	NO	N/A
Has a smear zone been identified? Definition: The "smear zone" is the soil contamination located within the zone of water table fluctuation (it has been described as a "secondary source" of contamination). *If yes, please discuss the horizontal and vertical contaminant mass distribution in the smear zone. If no, please describe what additional information is needed (soil borings, well data, etc.). If "N/A", please explain.*	X		

According to the January 1995 Site Closure Report, 403.17 tons of petroleum contaminated soil were stockpiled on site during the UST system removal. Contaminated soil was removed from the UST area and the east and west dispenser islands to a total depth of approximately five feet bls. The soil was later transported offsite for thermal treatment. The limited depth to water data from the site indicates a water table fluctuation from approximately 4 to 6.5 feet bls. Based on this information, contaminated soil below 5 feet bls (smear zone) remains at the site.

Site map (Figure --) illustrating proposed sampling locations is included in Appendix --

III-B) Groundwater Investigation

[monitoring wells/direct push]

	YES	NO
Were monitoring wells installed (or abandoned)? *If yes, briefly identify which wells were installed/abandoned and describe their construction.* ***The well locations and construction details can be omitted if the information is included in current site maps and tabular summaries.***	X	

Earth Systems supervised the installation of four onsite shallow monitoring wells (MW-12 through MW-15) on February 1, 2017. The monitoring wells were installed to assess the presence and the extent of dissolved hydrocarbon impacts in the vicinity of the former dispenser, product lines, and UST areas. The monitoring wells were constructed with 2 feet of 2-inch diameter solid PVC riser and 10 feet of 0.010-inch slotted PVC well screen. All manholes were completed flush to surface grade within a 2-feet by 2-feet concrete well pad with locking cap.

On July 27 and July 28, 2017, Earth Systems supervised the installation of six additional shallow monitoring wells (MW-16 through MW-21). The monitoring wells were installed to delineate the shallow dissolved impacts and two of the wells (MW-16 and MW-17) were installed offsite to the north of the property boundary on the south side of Bonita Beach Road.

On November 11 and 12, 2017, Earth Systems supervised the installation of one additional shallow monitoring well (MW-22) and three deep monitoring wells (MW-12D, MW-15D, and MW-16D). The shallow monitoring well was installed to delineate the shallow dissolved impacts and the three deep wells were installed to delineate the vertical extent of the dissolved impacts.

Site map (Figure 1B) illustrating the well locations is included in Appendix B
Tabular summary of well construction details (Table 3) is included in Appendix A
Monitoring well completion reports are included in Appendix D

	YES	NO
Was direct push (geoprobe) groundwater grab-sampling performed? *If yes, briefly identify the locations and depths where the samples were collected.* ***A description of the sample locations and results can be omitted if the information is included in current site maps and tabular summaries***		X

No direct push groundwater grab samples were collected during this investigation.

Site map (Figure --) illustrating the groundwater sampling results is included in Appendix --
Tabular summary of groundwater sampling results (Table --) is included in Appendix --

III-B) Groundwater Investigation (continued)

[groundwater sampling]

	YES	NO
Was groundwater sampling performed? *If yes, please provide a brief discussion of groundwater purging and sampling methodology and identify the wells that were sampled. If no, please explain.* ***A description of the sampling results can be omitted if the information is illustrated in current contaminant plume maps and tabular summaries***	X	

Earth Systems completed groundwater sampling events at the facility on February 13, 2017, August 14, 2017, and December 1, 2017. In February, samples were collected from wells MW-12 through MW-15. In August, samples were collected from wells MW-16 through MW-21. In December, samples were collected from wells MW-12D, MW-15D, MW-16D, and MW-22.

Prior to collecting groundwater samples, Earth Systems gauged the wells using an oil/water interface probe for depth to water and evidence of free product. Free product was not observed in the monitoring wells sampled. A laser surveying instrument and a rod were used at the site to determine the elevation of each top-of-casing of new wells relative to an arbitrary datum of 10.00 feet at well MW-12.

The monitoring wells were then purged in accordance with the FDEP groundwater sampling Standard Operating Procedures (SOPs). Groundwater samples were collected, placed on ice, and delivered to Accutest for analyses. The groundwater samples collected in February, August, and December 2017 were analyzed for BTEX/MTBE using EPA Method 8260, PAHs using EPA Method 8270, and TRPH using the FLPRO Method. Samples collected from monitoring wells MW-12, MW-13 and MW-14 in February 2017 were also analyzed for total lead, 1,2-dibromoethane (EDB), and 1,2-dichloroethane (EDC) according to the Chapter 62-780 F.A.C. Table C list.

If groundwater sampling not performed, indicate date of last sampling event (if applicable): --

Indicate wells sampled on that date (if applicable): --

Site map (Figure 4A, 4B) illustrating the groundwater sampling results is included in Appendix B

Tabular summary of groundwater sampling results (Table 4A, 4B) is included in Appendix A

Groundwater field sampling logs are included in Appendix D

Groundwater samples (previous sampling events included) have been collected and analyzed for:

Required for all suspected GAG/KAG sites.

X BTEX/MTBE	X PAHs	X TRPHs

Required for all contaminated GAG/KAG sites.

X EDB	X Lead (Pb)	X VOHs

Required for all suspected used oil (or unknown fuel type) contaminated sites.

Priority Pollutant Volatile Organics & Extractable Organics	As, Cd, Cr, Pb	TRPHs

III-B) Groundwater Investigation (continued)

	YES	NO	N/A
Was groundwater IDW generated? If yes, please explain why disposal on-site was not possible.		X	

Groundwater IDW was not generated at the site.

Volume of contaminated groundwater disposed of: -- ☐ *drums* ☐ *gallons*

[groundwater results]

	YES	NO	N/A
Was groundwater contamination identified above the applicable Cleanup Target Levels? If yes, indicate locations where highest concentrations detected with depths encountered. If "N/A", please explain.	X		

Groundwater impacts were identified in the location of monitoring wells MW-12, MW-13, MW-15, and MW-22 that were screened from the interval of 2 feet to 12 feet bls. The highest concentrations were detected near the former eastern dispensers.

Approximate volume of contaminated groundwater: 500,000 *gallons*

Plume maps [Figure(s) 4A] illustrating extent of groundwater contamination is/are included in Appendix B

III-B) Groundwater Investigation (continued)

Is the lower aquifer(s) contaminated? *If yes, please describe location and estimated depth of contamination. If unknown, please explain.*	YES	NO	Unknown
		X	

During the installation of deep monitoring wells MW-12D, MW-15D, and MW-16D, a dense clayey layer was encountered beginning at a depth of approximately 24 feet bls. The clayey layer was not penetrated during the deep well installation. Since the groundwater samples collected from deep monitoring wells MW-12D, MW-15D, and MW-16D did not contain tested compounds above GCTLs, deeper groundwater impacts are not expected.

Cross-section (Figure 6B) illustrating vertical extent of contamination is included in Appendix B

Were natural attenuation parameters data collected? *If yes, please specify which parameters were collected (and where collected) and provide interpretation of results.*	YES	NO
		X

Natural attenuation parameter data were not collected during this assessment.

Site map (Figure --) illustrating natural attenuation parameter data is included in Appendix --
Tabular summary of parameter sampling results (Table --) is included in Appendix --

III-B) Groundwater Investigation (continued)

[impacted receptors]

Have any supply wells or surface waters been impacted? *If yes, please indicate concentration(s) of water sample(s) taken and the wells/surface water body/bodies impacted. If unknown, please explain.*

YES	NO	Unknown
	X	

No known supply wells or surface water bodies have been impacted.

Is surface water and/or sediment sampling required? *If yes, please indicate where samples should be collected, and the proposed analyses.* *[Note: surface water sampling results should be summarized with the groundwater analytical results and sediment sampling results should be summarized with the soil analytical results.] If unknown, please explain.*

YES	NO	Unknown
	X	

Surface water and/or sediment samples are not required at this time.

Site map (Figure --) illustrating sampling locations is included in Appendix --

Are there any potable wells that need to be sampled? *If yes, please indicate wells to be sampled, and the proposed analyses. If unknown, please explain.*

YES	NO	Unknown
	X	

No known potable wells need to be sampled.

Site map (Figure --) illustrating potable well locations is included in Appendix --

III-C) Free Product Investigation

Is free product present? *If yes, please indicate where product has been observed and its thickness, describe the product (color, odor, etc.) and estimate the type and age of the product.*

YES	NO
	X

Free product has not been observed at the site.

Site map (Figure --) illustrating free product thickness at well locations is included in Appendix --
Tabular summary of free product thickness (Table --) is included in Appendix --

Has the extent of free product been delineated? *If no, please describe where additional wells or piezometers should be located.*

YES	NO	N/A
		X

Site map (Figure --) illustrating locations of proposed piezometers or wells is included in Appendix --

Is free product recovery ongoing? *If yes, please indicate the method and frequency of removal and summarize recovery efforts to date.*

YES	NO	N/A
		X

Tabular summary of product recovery amounts (Table --) is included in Appendix --

If free product recovery is not ongoing, are free product recovery efforts recommended? *If yes, please indicate the proposed method and frequency of removal. If no, please explain why product removal is not recommended.*

YES	NO	N/A
		X

Site map (Figure --) illustrating locations of proposed additional piezometers and/or wells for free product recovery is included in Appendix --

III-D) Comments

Any issues or concerns not addressed in previous questions which might help better describe the degree and extent of the contamination at this site.

Based on the CAR (1994) four USTs were removed on November 9, 1994. The three pump dispensers and associated product piping were excavated and removed on November 16, 17, and 18, 1994. The Bonita B.P. station had been registered with the FDEP as having maintained four 10,000-gallon USTs prior to November 1994. Three of the UST's had contained gasoline, and the fourth UST contained diesel.

On June 6, 2017 following a heavy rain event, the Fire Department was dispatched to investigate a strong petroleum odor in the northeast portion of the parking lot at the Fifth Third Bank. The Fire Department concluded the odors were associated with fuel tanks at the former gas station and were not hazardous. A copy of the Fire Department Report is included in **Appendix C.**

SECTION IV - Impacted Media

IV-A) Lithologic Summary

The impacted aquifer(s) can be best characterized by the following description (predominantly):
Select One

X	Sands [SW, SP, SM]		Sandy Clay, Clayey Sand or Silty Clays [SC, ML, CL]		Clays [CH]
	Intermingled Sands and Clays		Intermingled Sands, Clays and Limestone		Limestone [LS]

Please describe a typical soil column and all defined aquifers (perched/upper/lower). This should include a brief description of the site lithology (using the Unified Soil Classification System), and all other geologic and/or hydrogeologic characteristics of the area which might influence migration or transport of the contamination.

During advancement of soil borings and installation of monitoring wells from January to November 2017, Earth Systems described the lithology based on collected soil samples. Earth Systems encountered fine to medium grained sands to a depth of approximately 24 feet bls. Dense clay was encountered at approximately 25 feet bls (the total depth of the boring).

Depth to groundwater in the study area is approximately 4 to 6.5 feet bls. Soil boring logs with lithologic descriptions are provided in **Appendix D**. The descriptions include the Unified Soil Classification System (USCS) abbreviations.

Lithologic cross-section (Figure 6A, 6B) is included in Appendix B

	YES	NO
Is the lithologic information obtained to date sufficient to characterize the impacted media? If no, please explain [indicating area(s) where additional lithologic data are needed]. ***A map illustrating where the additional borings/wells need to be located can be omitted if those locations have been identified in the soil and/or groundwater sections.***	X	

Additional lithologic characterization is not requested.

Site map illustrating proposed lithologic boring locations (Figure --) is included in Appendix --

IV-B) Hydrologic Summary

Have all the monitoring well tops-of-casings been surveyed? *If no, please describe why this information has not been obtained. [Note, the TOC survey does not have to be performed by a Professional Land Surveyor. However, if the monitoring wells are installed prior to the survey, then the TOCs should be included in the Professional Land Survey.]*

YES [X] NO [ ]

The site's monitoring wells were surveyed relative to an arbitrary datum during field events on February 13, 2017; August 2, 2017; and December 1, 2017. Well elevation data is provided on **Table 3.**

Was a professional land survey performed? *If yes, please indicate date of survey, whether it was saved on disk (indicating type of program), and who performed it. Also indicate which monitoring wells (if any) were included in the survey. [Note: the site map must be based on the professional land survey.]*

YES [ ] NO [X]

A professional land survey was not conducted as part of this assessment.

Is original signed and sealed professional land survey included? yes [ ] no [ ]

Is copy of electronic version of land survey (labeled with ID #, site name & report date) included? yes [ ] no [ ]

Have depth to groundwater and groundwater flow direction in the upper zone aquifer been determined? *If yes, please indicate average depth to water and fluctuation range (low/high stand) in all impacted areas of the site. If no, please explain.*

YES [X] NO [ ]

The average depth to water on August 14, 2017 was 3.44 feet bls. Water level measurements in the ten monitoring wells which bisect the water table indicate shallow groundwater flow is generally towards the northwest. The depth to water measurements are summarized in **Table 3**. Shallow Groundwater Elevation Contour Maps from February 13, 2017 and August 14, 2017 are provided as **Figure 5A** and **Figure 5B**.

Site map(s) [Figure(s) 5A, 5B] illustrating upper zone water table elevations and interpretation(s) of groundwater flow direction(s) is/are included in Appendix B

Tabular summary of all groundwater elevation data (Table 3) is included in Appendix A

IV-B) Hydrologic Summary (continued)

	YES	NO
Have depth to groundwater and groundwater flow direction(s) in lower and/or intermediate aquifer(s) been determined?		X

If yes, please indicate average depth to water and fluctuation range in vertical extent wells (low/high stand). If no, please explain.

Although deep monitoring wells MW-12D, MW-15D, and MW-16D are screened deeper than the shallow wells at the site, an intermediate or lower aquifer was not encountered during the investigation. A groundwater elevation contour map for monitoring wells MW-12D, MW-15D, and MW-16D is included as **Figure 5C.**

Site map [Figure(s) 5C] illustrating lower/intermediate zone water table elevations and interpretation(s) of groundwater flow direction(s) is/are included in Appendix B

	YES	NO
Are perched aquifer conditions suspected? If yes, please indicate estimated depth and thickness of perched zone and whether perched zone extends across entire site.		X

Perched aquifer conditions were not encountered at the site.

Site map (Figure --) illustrating estimated lateral extent of perched zone (when it does not extend across entire site), water level elevations and interpretation(s) of groundwater flow direction(s) is/are included in Appendix --

	YES	NO	Unknown
Is the site tidally influenced? If yes, please indicate tidal fluctuation range and whether groundwater flow direction might change during tidal cycle. If unknown, please indicate whether this issue is important at this site (outlining data collection plan if needed).		X	

A tidal influence was not encountered at the site.

Site map(s) [Figure(s) --] illustrating changes in flow direction is/are included in Appendix --

IV-B) Hydrologic Summary (continued)

Is groundwater flow in the impacted aquifers being influenced by pumping from nearby water supply wells?	YES	NO	Unknown
		X	

If yes, please explain how this was determined and indicate which water well(s) are influencing groundwater flow. If unknown, please indicate whether this issue is important at this site (outlining data collection plan if needed).

Groundwater flow does not appear to be influenced by pumping from nearby water supply wells.

Site map(s) [Figure(s) --] illustrating changes in flow direction due to pumping from nearly water supply wells is/are included in Appendix --

Has the average hydraulic gradient (ft/ft) been determined? *If yes, please indicate range of values (if applicable) and whether gradient is uniform across the site. Is there evidence of a vertical gradient? If "N/A", please explain.*	YES	NO	N/A
	X		

Based on the August 14, 2017 gauging data, the average hydraulic gradient across the limited study area is approximately 0.003 ft/ft.

- (elevation of groundwater in MW-20 – elevation of groundwater in MW-18 divided by distance from MW-20 to MW-18 = (6.77 – 6.28) / 150 = 0.003 ft/ft)
- (elevation of groundwater in MW-21 – elevation of groundwater in MW-16 divided by distance from MW-21 to MW-16 = (6.68 – 6.16) / 155 = 0.003 ft/ft).

Hydraulic gradient data and calculations included in Appendix --

Have any aquifer tests been performed at the subject site? *If yes, please describe test method (slug test, pumping test, etc.), which wells were used, date performed and summarize test results [transmissivity, hydraulic conductivity, rate of groundwater flow, pumping rates (gpm), etc.]*	YES	NO
	X	

An aquifer performance test (APT) was conducted during the preparation of the CAR. The APT consisted of pumping monitoring well MW-1 at a steady rate and measuring induced water level drawdown in a temporary observation well designated as OW-1. The APT was completed on January 17, 1995. Monitoring well MW-1 was pumped with the use of a centrifugal pump. Induced water level drawdown were measured within observation well OW-1 utilizing the United States Geological Survey (USGS) wetted-tape method, which is accurate to 0.01 ± feet. The APT was one (1) hour in duration. The transmissivity of the water table aquifer was calculated utilizing the straight-line method (Jacob, 1950) and the graphic method of Hantush-Jacob (1955) as adapted to a method devised by Cooper (1963). The transmissivity was calculated to 3,000 gallons per day per square foot at a pumping rate of 2.5 gallons per minute and a drawdown of 0.15 feet using the graphic method. The transmissivity was calculated to 1,900 gallons per day per square foot at a pumping rate of 2.5 gallons per minute and a drawdown of 0.22 feet using the straight-line method. The average transmissivity is estimated to be 2,300 gallons per day per square foot and the average storage coefficient is calculated to be 0.012. Details of the test and method are provided in the CAR in **Appendix C.**

Aquifer test data and calculations included in Appendix C (CAR)

IV-B) Hydrologic Summary (continued)

Depth to groundwater in upper zone water-table wells (ft):	2.93	to	4.20	Average (ft):	3.44
Depth to groundwater in lower zone vertical extent wells (ft):	4.27	to	4.69	Average (ft):	4.41

Observed maximum range of upper zone fluctuation (ft): 1.27 Tidally influenced? Yes [ ] No [X]

IV-C) Risk Evaluation

	YES	NO
Is human health, safety, or welfare affected by exposure to the contamination or will the contamination substantially affect, or migrate to and substantially affect a known public or private source of potable water? *If yes, please describe in detail.*	[ ]	[X]

V-B) Recommendations (continued)

	YES	NO
If the groundwater plume is shrinking or stable is there any reason that Remediation by Natural Attenuation (RNA) cannot be the selected remedial strategy?	X	

If no, outline the proposed monitoring plan including monitoring wells, sampling parameters and sampling frequency. If yes, specify why natural attenuation is not appropriate.

Due to NADC exceedances in groundwater and a soil source apparently leaching to the groundwater, natural attenuation is not recommended as a remedial strategy.

Monitoring Wells: --

Contaminants: -- Frequency: -- Duration: --

	YES	NO
Is Source Removal (soil or free product) recommended? If yes, please outline proposed method and extent of source removal (is dewatering needed?)		X

Site map (Figure --) illustrating proposed extent of excavation is included in Appendix --

V-B) Recommendations (continued)

	YES	NO
Is a Remedial Action Plan (RAP) needed? *If yes, please provide reasons for performing in-situ remediation at the site and indicate which remediation technology or combination of technologies is recommended or should be evaluated (with reasons for recommendation).*	X	

Based on the current use of the property (developed as a bank), in-situ air sparging with soil vapor extraction is recommended to reduce disruptions to the active business.

	YES	NO
Is a Pilot Test recommended? *If yes, please indicate recommended remedial technology and outline specifics of proposed pilot test. Details include area of site where test is planned, recovery/air sparging well construction details, which wells will be used to evaluate test, proposed recovery and/or pumping and/or blowing rates and plan for IDW disposal (if applicable).*	X	

The FDEP should be consulted before preparing a pilot test outline.

An air sparge and soil vapor extraction pilot test is recommended to provide site-specific data and confirm the technologies will be effective for cleanup at the site. Due to the magnitude of the soil and groundwater impacts at the site, high vapor levels are possible and may require a catalytic oxidizer for off-gas treatment instead of typical activated carbon treatment. The pilot test outline (Pilot Test Plan) is typically prepared during the Remedial Action Plan phase of the project.

Site map (Figure --) illustrating pilot test layout is included in Appendix --

SECTION VI - Program Issues
(for state funded cleanup sites)

List of all consultant company personnel (not subcontractor employees) that participated in the field work or helped to prepare the report:

Name	Duties	Dates On-Site (if applicable)		
Jeremy Turner	Project Manager/TSAR Preparation	12-1-16	thru	11-3-17
Danny Christ	Field Technician	5-17-17	thru	5-17-17
Kris Decker	Field Technician	8-1-17	thru	11-12-17
Gary Bosco	TSAR Preparation/Review			
Scott Moore	TSAR Preparation/Review			
			thru	
			thru	

VI-A) Work Plan and Cost Summary

Briefly summarize initial work plan.

Conduct File Review, prepare Historical Summary Worksheet and Health & Safety Plan (HASP). Conduct site reconnaissance/field measurement visit including gauging depth to water and determining top of casing elevations in the existing monitoring wells according to the attached Water Sampling Table; Prepare a Modified Site Assessment Proposal.

Obtain all necessary off-site access agreement(s), conduct Receptor Survey/Exposure Pathway ID. Advance soil borings (screening & sampling), install monitoring wells, collect groundwater and soil samples per the attached Water Sampling Table, Soil and Air Sampling Table, and Soil Boring and Well Installation Table. Upon completion of Task 2 field activities, and contingent on FDEP site manager approval, prepare an Interim Assessment Report.

Prepare and submit a General Site Assessment Report in the TSAR format.

Copy of original work order or task assignment is included in appendix F

Was any extra work authorized? *If yes, please summarize extra work planned for site.*	YES	NO
	X	

Per Diem was added to the Purchase Order (PO) in CO #2. Additional soil and groundwater assessment to delineate the plumes was added to the PO in CO #5. Additional monitoring wells to delineate the horizontal and vertical extent of the groundwater impacts was added to the PO in CO #7. COs #1, #3, #4, and CO #6 were related to due date extensions. The approved CO forms are included in **Appendix F.**

Copies of all authorization forms are included in Appendix F

VI-A) Work Plan and Cost Summary (continued)

	YES	NO
Was any planned work <u>not</u> performed? If yes, please describe work not performed with reasons why not performed.		X

	YES	NO
Are there any changes in cost from original work order, purchase order, or task assignment? If yes, please describe the changes and cost adjustments that will be required for invoicing.	X	

Changes have been reflected in the issued COs and will be invoiced accordingly.

Copies of all needed subcontractor and/or materials invoices and draft change order cost template included in Appendix F

TABLE 2A: SOIL ANALYTICAL SUMMARY - VOAs, TRPHs and Metals

Facility ID#: 36/8520618 **Facility Name: BP Bonita-Oleum Corp** **See notes at end of table.**

Sample				OVA	Laboratory Analyses										
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TRPHs (mg/kg)	Arsenic (mg/kg)	Cad-mium (mg/kg)	Chro-mium (mg/kg)	Lead (mg/kg)	Comments
SB-C	2/1/17	5.5	1-2	>1000	**0.695**	0.072 U	**11.6**	**3.32**	0.072 U	39.0	--	--	--	--	
SB-H	2/1/17	5.0	2-3	41.9	0.0012 U	0.0010 U	0.0010 U	0.0021 U	0.0010 U	5.31 I	--	--	--	--	
SB-K	2/1/17	5.5	1-2	>1000	0.086 U	0.070 U	**1.15**	**0.515 I**	0.070 U	35.5	--	--	--	--	
			3-4	>1000	**5.29**	**1.06 I**	**101**	**111**	0.53 U	**1300 D**^{40}	--	--	--	--	
SB-M	2/1/17	5.5	1-2	>1000	**1.12**	0.0706 I	**22.8**	**0.410 I**	0.050 U	**437 D**^{10}	--	--	--	--	
			3-4	>1000	**0.529**	0.051 U	**11.2**	**0.287 I**	0.051 U	323 D^{10}	--	--	--	--	
SB-Y	2/1/17	5.5	1-2	>1000	**2.54**	0.380	**43.7**	**52.8**	0.061 U	**359 D**^{10}	--	--	--	--	
			3-4	>1000	**1.36**	0.202 I	**22.1**	**25.8**	0.049 U	241 D^{10}	--	--	--	--	
SB-AC	7/28/17	4.0	2-3	>1000	**3.94**	0.322	**71.4**	**1.88**	0.057 U	**553 D**^{5}	--	--	--	--	
SB-AD	7/28/17	4.5	1-2	>1000	**0.248 I**	0.149 I	**43.2**	**0.326 I**	0.066 U	**507 D**^{5}	--	--	--	--	
SB-AG	7/28/17	4.5	1-2	>1000	**0.852**	0.286	**13.2**	**0.295 I**	0.052 U	274 D^{5}	--	--	--	--	
SB-AH	7/28/17	4.0	2-3	>1000	**0.438**	0.114 I	**9.67**	**0.284 I**	0.055 U	224 D^{5}	--	--	--	--	
Leachability Based on Groundwater Criteria (mg/kg)					0.007	0.5	0.6	0.2	0.09	340	*	7.5	38	*	
Direct Exposure Residential (mg/kg)					1.2	7,500	1,500	130	4,400	460	2.1	82	210	400	

-- = Sample not analyzed for constituent
OVA = Organic Vapor Analyzer
MTBE = Methyl tert-Butyl Ether
TRPH = Total Recoverable Petroleum Hydrocarbons
ft = feet, fbls = feet below land surface
ppm = parts per million, mg/kg = milligrams per kilogram

Exposure values based upon 62-777 F.A.C. criteria (April 17, 2005)
Results in bold exceed Soil Cleanup Target Levels (SCTLs)
*** = Leachability value may be determined using TCLP**

Qualifiers: **U = Result below MDL**
I = Result between MDL and PQL
D^{x} = Sample diluted by a factor of x
MDL = Method Detection Limit
PQL = Practical Quantitation Limit

Synthetic Precipitate Leaching Procedure (SPLP) Results

Sample				OVA	Laboratory Analyses										
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPHs (µg/L)	Arsenic (µg/L)	Cadmium (µg/L)	Chro-mium (µg/L)	Lead (µg/L)	Comments
SB-C	2/1/2017	5.5	1-2	>1000	**2.8**	1.5 V	**64.3 V**	16.7	0.23 U	--	--	--	--	--	
SB-K	2/1/2017	5.5	1-2	>1000	0.53 I	1.4 V	8.9 V	5.4	0.23 U	--	--	--	--	--	
SB-M	2/1/2017	5.5	1-2	>1000	**5.5**	1.9 V	**91.2 V**	3.4	0.23 U	--	--	--	--	--	
			3-4	>1000	**4.2**	1.9 V	**85.7 V**	3.5	0.23 U	--	--	--	--	--	
SB-AD	7/28/2017	4.5	1-2	>1000	**2.7**	6.0	**171 D**^{5}	**24.1**	0.23 U	--	--	--	--	--	
SB-AG	7/28/2017	4.5	1-2	>1000	1.3	1.6	**36.7**	12.3	0.23 U	--	--	--	--	--	
SB-AH	7/28/2017	4.0	2-3	>1000	0.62 I	4.0	**70.2**	**193**	0.38 I	--	--	--	--	--	
GCTLs					1**	40**	30**	20**	20	5,000	10**	5**	100**	15**	
NADCs					100	400	300	200	200	50,000	100	50	1,000	150	

-- = Sample not analyzed for constituent
NCD = no compounds detected
**** = As provided in Chapter 62-550, F.A.C.**
Concentrations in bold are above GCTLs
GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.
NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

Analytical Results reported in micrograms per liter (µg/L)
MTBE = Methyl tert-Butyl Ether
VOAs = Volatile Organic Aromatics

Qualifiers: **U = Result below MDL**
I = Result between MDL and PQL
V = Analyte found in associated method blank
MDL = Method Detection Limit
PQL = Practical Quantitation Limit

TABLE 2B: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

Facility ID#: 36/8520618 **Facility Name: BP Bonita-Oleum Corp** **See notes at end of table.**

Sample				OVA	Laboratory Analyses											
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Naph-thalene (mg/kg)	1-Methyl-naph-thalene (mg/kg)	2-Methyl-naph-thalene (mg/kg)	Acen-aph-thene (mg/kg)	Acen-aph-thylene (mg/kg)	Anthra-cene (mg/kg)	Benzo (g,h,i) pery-lene (mg/kg)	Fluoran-thene (mg/kg)	Fluor-ene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)	Comments
SB-C	2/1/17	5.5	1-2	>1000	**2.67**	1.88	3.62 D^{10}	0.029 U	0.029 U	0.018 U	0.0051 I	0.018 U	0.029 U	0.018 U	0.018 U	
SB-H	2/1/17	5.0	2-3	41.9	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.018 U	0.0035 U	0.018 U	0.028 U	0.018 U	0.018 U	
SB-K	2/1/17	5.5	1-2	>1000	**1.91**	1.40	2.37 D^{4}	0.027 U	0.027 U	0.017 U	0.0034 U	0.017 U	0.027 U	0.017 U	0.017 U	
			3-4	>1000	**54.5 D^{40}**	**33.3 D^{40}**	**70.2 D^{40}**	0.199 I	0.14 U	0.088 U	0.0268 I	0.124 I	0.195 I	0.246 I	0.113 I	5X or 40X Dilution
SB-M	2/1/17	5.5	1-2	>1000	**17.9 D^{10}**	**12.5 D^{10}**	**26.4 D^{10}**	0.120	0.0411 I	0.0477 I	0.0057 I	0.017 U	0.164	0.172	0.0438 I	
			3-4	>1000	**20.0 D^{10}**	**11.6 D^{10}**	**25.3 D^{10}**	0.134	0.0427 I	0.0483 I	0.0079 I	0.0435 I	0.198	0.176	0.0433 I	
SB-Y	2/1/17	5.5	1-2	>1000	**19.2 D^{10}**	**12.9 D^{10}**	**26.4 D^{10}**	0.0798	0.030 U	0.0312 I	0.0177	0.0632 I	0.0951	0.103	0.0698 I	
			3-4	>1000	**13.5 D^{10}**	**8.93 D^{10}**	**17.6 D^{10}**	0.0455 I	0.028 U	0.0198 I	0.0046 I	0.0212 I	0.0550 I	0.0669 I	0.0251 I	
SB-AC	7/28/17	4.0	2-3	>1000	**40.5 D^{25}**	**25.8 D^{10}**	**42.8 D^{25}**	0.30 U	0.30 U	0.19 U	0.037 U	0.19 U	0.30 U	0.238 I	0.19 U	10X or 25X Dilution
SB-AD	7/28/17	4.5	1-2	>1000	**17.7 D^{10}**	**9.99 D^{10}**	**20.0 D^{10}**	0.12 U	0.12 U	0.073 U	0.015 U	0.073 U	0.299	0.183 I	0.073 U	4X or 10X Dilution
SB-AG	7/28/17	4.5	1-2	>1000	**15.1 D^{10}**	**9.63 D^{10}**	**18.9 D^{10}**	0.11 U	0.11 U	0.071 U	0.014 U	0.071 U	0.304	0.215 I	0.0844 I	4X or 10X Dilution
SB-AH	7/28/17	4.0	2-3	>1000	**5.64 D^{10}**	**5.17 D^{10}**	**11.2 D^{10}**	0.029 U	0.029 U	0.0197 I	0.0037 U	0.018 U	0.0465 I	0.0670 I	0.0212 I	
Leachability Based on Groundwater Criteria (mg/kg)					1.2	3.1	8.5	2.1	27	2,500	32,000	1,200	160	250	880	
Direct Exposure Residential (mg/kg)					55	200	210	2,400	1,800	21,000	2,500	3,200	2,600	2,200	2,400	

-- = Sample not analyzed for constituent
OVA = Organic Vapor Analyzer
ft = feet, fbls = feet below land surface
ppm = parts per million, mg/kg = milligrams per kilogram

Exposure values based upon 62-777 F.A.C. criteria (April 17, 2005)
Results in bold exceed Soil Cleanup Target Levels (SCTLs)

Qualifiers: **U = Result below MDL**
I = Result between MDL and PQL
D^{x} = Sample diluted by a factor of x
MDL = Method Detection Limit
PQL = Practical Quantitation Limit

Synthetic Precipitate Leaching Procedure (SPLP) Results

Sample				OVA	Laboratory Analyses											
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Naph-thalene (µg/L)	1-Methyl-naph-thalene (µg/L)	2-Methyl-naph-thalene (µg/L)	Acen-aph-thene (µg/L)	Acen-aph-thylene (µg/L)	Anthra-cene (µg/L)	Benzo (g,h,i) pery-lene (µg/L)	Fluoran-thene (µg/L)	Fluor-ene (µg/L)	Phenan-threne (µg/L)	Pyrene (µg/L)	Comments
SB-C	2/1/2017	5.5	1-2	>1000	2.6	1.6	1.3	0.39 U	0.39 U	0.25 U	0.039 U	0.25 U	0.39 U	0.25 U	0.25 U	
SB-K	2/1/2017	5.5	1-2	>1000	**16.4**	5.2	7.1	0.41 U	0.41 U	0.26 U	0.041 U	0.26 U	0.41 U	0.26 U	0.26 U	
			3-4	>1000	**363 D^{20}**	**86.3 D^{20}**	**138 D^{20}**	0.41 U	0.41 U	0.26 U	0.041 U	0.26 U	0.41 U	0.26 U	0.26 U	
SB-M	2/1/2017	5.5	1-2	>1000	**248 D^{20}**	**78.1 D^{20}**	**115 D^{20}**	0.44 I	0.40 U	0.25 U	0.040 U	0.25 U	0.54 I	0.30 I	0.25 U	
			3-4	>1000	**179 D^{10}**	**52.7 D^{10}**	**78.7 D^{10}**	0.41 U	0.41 U	0.26 U	0.041 U	0.26 U	0.41 U	0.26 U	0.26 U	
SB-Y	2/1/2017	5.5	1-2	>1000	**182 D^{20}**	**51.1 D^{20}**	**78.8 D^{20}**	0.41 I	0.40 U	0.25 U	0.040 U	0.25 U	0.40 U	0.25 U	0.25 U	
			3-4	>1000	**39.5 D^{10}**	**37.9 D^{10}**	16.6 D^{10}	0.40 U	0.40 U	0.25 U	0.040 U	0.25 U	0.40 U	0.25 U	0.25 U	
SB-AC	7/28/2017	4.0	2-3	>1000	**348 D^{10}**	**83.0 D^{10}**	**126 D^{10}**	0.40 U	0.40 U	0.25 U	0.040 U	0.25 U	0.40 U	0.25 U	0.25 U	
SB-AD	7/28/2017	4.5	1-2	>1000	**189 D^{8}**	**53.1 D^{8}**	**77.2 D^{8}**	0.40 U	0.40 U	0.25 U	0.040 U	0.25 U	0.40 U	0.25 U	0.25 U	
SB-AG	7/28/2017	4.5	1-2	>1000	**139 D^{10}**	**37.9 D^{10}**	**58.8 D^{10}**	0.40 U	0.40 U	0.25 U	0.040 U	0.25 U	0.40 U	0.26 I	0.25 U	
SB-AH	7/28/2017	4.0	2-3	>1000	**55.6 D^{2}**	23.9	**36.3**	1.0	0.40 U	0.26 I	0.040 U	0.48 I	0.89 I	4.0	0.25 U	
GCTLs					14	28	28	20	210	2,100	210	280	280	210	210	
NADCs					140	280	280	200	2,100	21,000	2,100	2,800	2,800	2,100	2,100	

Concentrations in bold are above GCTLs
GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.
NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

Qualifiers: **U = Result below MDL**
I = Result between MDL and PQL
MDL = Method Detection Limit
PQL = Practical Quantitation Limit

TABLE 2C: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

Facility ID#: 36/8520618 **Facility Name: BP Bonita-Oleum Corp** **See notes at end of table.**

Sample				OVA	Laboratory Analyses								
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzo (a) pyrene (mg/kg)	Benzo (a) anthra-cene (mg/kg)	Benzo (b) fluoran-thene (mg/kg)	Benzo (k) fluoran-thene (mg/kg)	Chry-sene (mg/kg)	Dibenz (a,h) anthra-cene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Benzo (a) pyrene equivalent (mg/kg)	Comments
SB-C	2/1/17	5.5	1-2	>1000	0.0057 I	0.0045 I	0.0097 I	0.0036 U	0.0050 I	0.0036 U	0.0055 I	0.01	
SB-H	2/1/17	5.0	2-3	41.9	0.0035 U	0.0035 U	0.0049 I	0.0035 U	0.0035 U	0.0035 U	0.0035 U	0.004	
SB-K	2/1/17	5.5	1-2	>1000	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	NCD	
			3-4	>1000	0.0406 I	0.0459 I	0.0673 I	0.0244 I	0.0570 I	0.018 U	0.0294 I	0.064	5X Dilution
SB-M	2/1/17	5.5	1-2	>1000	0.0067 I	0.0121 I	0.0097 I	0.0035 U	0.0110 I	0.0035 U	0.0042 I	0.011	
			3-4	>1000	0.0079 I	0.0121 I	0.0083 I	0.0035 U	0.0101 I	0.0035 U	0.0053 I	0.012	
SB-Y	2/1/17	5.5	1-2	>1000	0.0204	0.0221	0.0377	0.0101 I	0.0319	0.0037 U	0.0166	0.030	
			3-4	>1000	0.0058 I	0.0095 I	0.0094 I	0.0035 U	0.0087 I	0.0035 U	0.0046 I	0.01	
SB-AC	7/28/17	4.0	2-3	>1000	0.037 U	0.0402 I	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.045	10X Dilution
SB-AD	7/28/17	4.5	1-2	>1000	0.015 U	0.0193 I	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.019	4X Dilution
SB-AG	7/28/17	4.5	1-2	>1000	0.0160 I	0.0243 I	0.014 U	0.014 U	0.0221 I	0.014 U	0.014 U	0.027	4X Dilution
SB-AH	7/28/17	4.0	2-3	>1000	0.0037 U	0.0114 I	0.0037 U	0.0037 U	0.0058 I	0.0037 U	0.0037 U	0.005	
Leachability Based on Groundwater Criteria (mg/kg)					8	0.8	2.4	24	77	0.7	6.6	**	
Direct Exposure Residential (mg/kg)					0.1	#	#	#	#	#	#	0.1	

-- = Sample not analyzed for constituent
NCD = No Compounds Detected
OVA = Organic Vapor Analyzer
ft = feet, fbls = feet below land surface
ppm = parts per million, mg/kg = milligrams per kilogram
Exposure values based upon 62-777 F.A.C. criteria (April 17, 2005)
Results in bold exceed Soil Cleanup Target Levels

 # = Direct Exposure value not applicable except as part of the Benzo(a)pyrene equivalent.
**** = Leachability value not applicable**

Qualifiers: U = Result below MDL
I = Result between MDL and PQL
MDL = Method Detection Limit
PQL = Practical Quantitation Limit

Synthetic Precipitate Leaching Procedure (SPLP) Results

Sample				OVA	Laboratory Analyses								
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzo (a) anthra-cene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoran-thene (µg/L)	Benzo (k) fluoran-thene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthra-cene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)		Comments
SB-C	2/1/2017	5.5	1-2	>1000	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U	0.039 U		
SB-K	2/1/2017	5.5	1-2	>1000	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U		
			3-4	>1000	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U		
SB-M	2/1/2017	5.5	1-2	>1000	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U		
			3-4	>1000	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U	0.041 U		
SB-Y	2/1/2017	5.5	1-2	>1000	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U		
			3-4	>1000	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U		
SB-AC	7/28/2017	4.0	2-3	>1000	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U		
SB-AD	7/28/2017	4.5	1-2	>1000	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U		
SB-AG	7/28/2017	4.5	1-2	>1000	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U		
SB-AH	7/28/2017	4.0	2-3	>1000	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U		
GCTLs					0.05[a]	0.2**	0.05[a]	0.5	4.8	0.005[a]	0.05[a]		
NADCs					5	20	5	50	480	0.5	5		

Analytical Results reported in µg/L
GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.
NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.
**** = As provided in Chapter 62-550, F.A.C.**
a = See the October 12, 2004 "Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits" to determine how to evaluate data when the CTL is lower than the PQL.

Qualifiers: U = Result below MDL
I = Result between MDL and PQL
MDL = Method Detection Limit
PQL = Practical Quantitation Limit

TABLE 2E: SOIL TRPH SPECIATION ANALYTICAL RESULTS

Facility Name: BP Bonita-Oleum Corp **Facility ID#: 36/8520618**

Sample										
Location	Date	Collection Interval (fbls)	OVA Response (ppm)	TRPH*	C9-C10 Aromatics	C11-C22 Aromatics	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C18 Aliphatics	C19-C36 Aliphatics
SB-K	2/1/2017	3-4	>1000	**1,300 D^{40}**	**2,210**	930 D^{25}	**3,290**	**1,980**	440 D^{25}	140 U, D^{25}
SB-M	2/1/2017	1-2	>1000	**437 D^{10}**	**403**	445 D^{10}	642	492	186 D^{10}	54 U, D^{10}
SB-Y	2/1/2017	1-2	>1000	**359 D^{10}**	**739**	553 D^{10}	**973**	743	313 D^{10}	53 U, D^{10}
SB-AC	7/28/2017	2-3	>1000	**553 D^{5}**	**441**	222 D^{4}, V	717	420	232 D^{4}	15.2 I, D^{4}
SB-AD	7/28/2017	1-2	>1000	**507 D^{5}**	321	112 D^{4}, V	728	329	120 D^{4}	19.1 I, D^{4}
Direct Exposure, Residential				460	560	1,800	7,100	1,700	2,900	42,000
Leachability (based on GW)				340	380	1,000	960	31,000	140,000	#

*** TRPH speciated using the MADEP Method** **Results in bold exceed Soil Cleanup Target Levels (SCTLs)**

TRPH = Total Recoverable Petroleum Hydrocarbons

Analytical Results in milligrams per kilogram (mg/kg)

OVA = Organic Vapor Analyzer

fbls = feet below land surface, ppm = parts per million

U = below laboratory detection limit

I = Result > MDL but < PQL

D^{x} = Sample diluted by a factor of x

V = Analyte found in associated method blank

 # = Not a health concern for this exposure scenario

Exposure values based upon 62-777 F.A.C. criteria (August 5, 1999) and Technical Report: Development of CTLs for Chapter 62-777 (Table C-9) (February 2005)

TABLE 3: GROUNDWATER ELEVATION SUMMARY

Facility ID#: 36/8520618 **Facility Name: BP Bonita-Oleum Corp**

WELL NO.	MW-1			MW-2			MW-3			MW-4			MW-5		
DIAMETER (in)	2			2			2			2			2		
WELL DEPTH (ft)	13.1			13.4			12.8			12.6			13.4		
SCREEN INTERVAL (ft)	3.1-13.1			3.4-13.4			2.8-12.8			2.6-12.6			3.4-13.4		
TOC ELEVATION (ft)	10.00			9.57			8.49			8.61			8.62		
DATE	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	FP
2/2/1995	5.99	4.01	NM	6.09	3.48	NM	5.98	2.51	MN	5.74	2.87	NM	5.53	3.09	NM
3/20/1995		NM			NM			NM			NM			NM	
2/13/2017	Destroyed			Destroyed			Destroyed			Destroyed			Destroyed		
12/1/2017															

WELL NO.	MW-6			MW-7			MW-8			MW-9D			MW-10		
DIAMETER (in)	2			2			2			2			2		
WELL DEPTH (ft)	11.2			12.7			12.9			24.2			13.0		
SCREEN INTERVAL (ft)	1.2-11.2			2.7-12.7			2.9-12.9			19.2-24.2			3-13		
TOC ELEVATION (ft)	8.89			9.97			9.95			9.79			NM		
DATE	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
2/2/1995	5.62	3.27	NM	5.92	4.05	NM	5.80	4.15	NM	5.82	3.97	NM		NI	
3/20/1995		NM			NM			NM			--			--	
2/13/2017	Destroyed			Blocked			Destroyed			Destroyed			Destroyed		
12/1/2017															

WELL NO.	MW-11			MW-12			MW-12D			MW-13			MW-14		
DIAMETER (in)	2			2			2			2			2		
WELL DEPTH (ft)	13.0			12.0			25.0			12.0			12.0		
SCREEN INTERVAL (ft)	3-13			2-12			20-25			2-12			2-12		
TOC ELEVATION (ft)	NM			10.00			10.19			9.87			10.10		
DATE	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
2/2/1995		NI			NI			NI			NI			NI	
3/20/1995		NM			NI			NI			NI			NI	
2/13/2017	Destroyed			4.62	5.38	0.00		NI		4.73	5.14	0.00	4.78	5.32	0.00
8/14/2017				6.43	3.57	0.00		NI		6.59	3.28	0.00	6.53	3.57	0.00
12/1/2017					NM		5.92	4.27	0.00		NM			NM	

TABLE 3: GROUNDWATER ELEVATION SUMMARY

Facility ID#: 36/8520618 **Facility Name: BP Bonita-Oleum Corp**

WELL NO.	MW-15			MW-15D			MW-16			MW-16D			MW-17		
DIAMETER (in)	2			2			2			2			2		
WELL DEPTH (ft)	12.0			25.0			12.0			30.0			12.0		
SCREEN INTERVAL (ft)	2-12			20-25			2-12			25-30			2-12		
TOC ELEVATION (ft)	10.66			10.14			9.40			9.52			9.70		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
2/2/1995		NI			NI			NI			NI			NI	
3/20/1995		NI			NI			NI			NI			NI	
2/13/2017	4.66	6.00	0.00		NI			NI			NI			NI	
8/14/2017	6.46	4.20	0.00		NI		6.16	3.24	0.00		NI		6.38	3.32	0.00
12/1/2017		NM		5.45	4.69	0.00		NM		5.25	4.27	0.00		NM	

WELL NO.	MW-18			MW-19			MW-20			MW-21			MW-22		
DIAMETER (in)	2			2			2			2			2		
WELL DEPTH (ft)	12.0			12.0			12.0			12.0			12.0		
SCREEN INTERVAL (ft)	2-12			2-12			2-12			2-12			2-12		
TOC ELEVATION (ft)	9.21			10.09			10.21			9.81			9.93		
DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
2/2/1995		NI			NI			NI			NI			NI	
3/20/1995		NI			NI			NI			NI			NI	
2/13/2017		NI			NI			NI			NI			NI	
8/14/2017	6.28	2.93	0.00	6.40	3.69	0.00	6.77	3.44	0.00	6.68	3.13	0.00		NI	
12/1/2017		NM			NM			NM			NM		5.46	4.47	0.00

ELEV = Water level elevation in feet (ft)
DTW = Depth to water in feet (ft)
FP = Free product thickness in feet (ft)
TOC = Top-of-casing
All TOC elevations surveyed relative to an arbitrary datum

NM = Not Measured
NI = Not Installed

TABLE 4A: MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility ID#: 36/8520618 **Facility Name: BP Bonita-Oleum Corp** **See notes at end of table.**

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Chloro-benzene	1,4-Di-chloro-benzene	Total Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	2/2/1995	1 U	1 U	1 U	1 U	NCD	5 U	0.02 U	--	13.9	6.5	5.0
MW-2	2/2/1995	1 U	1 U	1 U	1 U	NCD	5 U	0.02 U	--	1 U	1 U	**26.0**
MW-3	2/2/1995	1 U	1 U	1 U	1 U	NCD	5 U	0.02 U	--	1 U	1 U	**24.0**
MW-4	2/2/1995	1 U	1 U	1 U	8.5	8.5	5 U	0.02 U	--	1 U	1 U	6.6
MW-5	2/2/1995	**1,060**	26	**360**	**445**	1,891	**775**	0.02 U	--	10 U	10 U	8.2
MW-6	2/2/1995	**135**	**63**	16	**71**	285	**1,650**	0.02 U	--	10 U	10 U	3 U
MW-7	2/2/1995	**870**	**1,630**	**410**	**2,450**	5,360	**6,800**	0.02 U	--	100 U	100 U	**22.0**
MW-8	2/2/1995	**6,620**	**4,270**	**1,080**	**4,830**	16,800	**58,000**	0.02 U	--	100 U	100 U	**23.0**
MW-9D	2/2/1995	**15.7**	**75.1**	16.7	**102.2**	209.7	11.4	0.02 U	--	1 U	1 U	**17.0**
	3/20/1995	**6.7**	1 U	3.6	3.0	13.3	8.0	--	--	--	--	--
MW-10	3/20/1995	1 U	1 U	1 U	1 U	NCD	5 U	0.02 U	--	--	--	6.6
MW-11	3/20/1995	**1,440**	**77.0**	**32.0**	**348**	1,897	**8,650**	0.02 U	--	--	--	5.1
MW-12	2/13/2017	**1,250 D^{500}**	**704 D^{500}**	**602 D^{500}**	**1,850 D^{500}**	4,406	**98.2**	0.0095 U	0.31 U	--	--	1.1 U
MW-12D	12/1/2017	0.31 U	0.30 U	0.36 U	0.72 U	NCD	0.23 U	--	--	--	--	--
MW-13	2/13/2017	**389 D^{50}**	**71.7**	**283 D^{50}**	**239**	982	2.3	0.0095 U	0.31 U	--	--	1.1 U
MW-14	2/13/2017	0.31 U	0.30 U	0.36 U	0.72 U	NCD	0.23 U	0.0095 U	0.31 U	--	--	1.1 U
MW-15	2/13/2017	**1,660 D^{20}**	9.1	**385 D^{20}**	**447 D^{20}**	2,501	15.3	--	--	--	--	--
MW-15D	12/1/2017	0.31 U	0.30 U	0.36 U	0.72 U	NCD	0.23 U	--	--	--	--	--
MW-16	8/14/2017	0.31 U	1.2	0.36 U	0.72 U	1.2	0.23 U	--	--	--	--	--
MW-16D	12/1/2017	0.31 U	0.30 U	0.36 U	0.72 U	NCD	0.23 U	--	--	--	--	--
MW-17	8/14/2017	0.31 U	1.1	0.36 U	0.72 U	1.1	0.23 U	--	--	--	--	--
MW-18	8/14/2017	0.31 U	1.5	0.36 U	0.72 U	1.5	0.23 U	--	--	--	--	--
MW-19	8/14/2017	0.31 U	0.88	0.36 U	0.72 U	0.88	0.23 U	--	--	--	--	--
MW-20	8/14/2017	0.31 U	1.3	0.36 U	0.72 U	1.3	0.23 U	--	--	--	--	--
MW-21	8/14/2017	0.31 U	1.2	0.36 U	0.72 U	1.2	0.23 U	--	--	--	--	--
MW-22	12/1/2017	**135 D^{2}**	7.6 D^{2}	**77.1 D^{2}**	**241 D^{2}**	460.7	8.4 D^{2}	--	--	--	--	--
GCTLs		1**	40**	30**	20**	NA	20	0.02**	3**	100	75	15**
NADCs		100	400	300	200	NA	200	2	300	1000	750	150

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

µg/L = micrograms per liter

NCD = no compounds detected

-- = Sample not analyzed for constituent or not reported

**** = As provided in Chapter 62-550, F.A.C.**

Concentrations in bold are above Groundwater Cleanup Target Levels (GCTLs)

Qualifiers: **U = Result below MDL**

I = Result between MDL and PQL

D^{x} = Sample diluted by a factor of x

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

TABLE 4B: MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs

Facility ID#: 36/8520618 **Facility Name: BP Bonita-Oleum Corp** See notes at end of table.

Sample		TRPHs	Naph-thalene	1-Methyl-naph-thalene	2-Methyl-naph-thalene	Acen-aph-thene	Acen-aph-thylene	Anthra-cene	Benzo (a) anthra-cene	Benzo (a) pyrene	Benzo (b) fluoran-thene	Benzo (g,h,i) pery-lene	Benzo (k) fluoran-thene	Chry-sene	Dibenz (a,h) anthra-cene	Fluoran-thene	Fluor-ene	Indeno (1,2,3-cd) pyrene	Phenan-threne	Pyrene
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	2/2/1995	1000 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-2	2/2/1995	1000 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-3	2/2/1995	1000 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-4	2/2/1995	1000 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-5	2/2/1995	1000 U	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-6	2/2/1995	1,400	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-7	2/2/1995	**68,000**	**195**	**49**	**125**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-8	2/2/1995	**65,000**	**215**	**38**	**93**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-9D	2/2/1995	1000 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	3/20/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/20/1995	1000 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-11	3/20/1995	1000 U	**24**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MW-12	2/13/2017	**5,100 D[5]**	**115 D[10]**	13.6	24.7	0.31 U	0.31 U	0.19 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.031 U	0.19 U	0.19 U	0.031 U	0.19 U	0.19 U
MW-12D	12/1/2017	223 I	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
MW-13	2/13/2017	1,020	**38.1**	7.3	13.4	0.33 U	0.33 U	0.21 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.21 U	0.21 U	0.033 U	0.21 U	0.21 U
MW-14	2/13/2017	397	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
MW-15	2/13/2017	4,120 D[5]	**347 D[20]**	**30.4**	**59.6 D[20]**	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
MW-15D	12/1/2017	204 I	0.38 I	0.36 I	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
MW-16	8/14/2017	140 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
MW-16D	12/1/2017	208 I	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
MW-17	8/14/2017	140 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.21 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.21 U	0.21 U	0.033 U	0.21 U	0.21 U
MW-18	8/14/2017	140 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
MW-19	8/14/2017	247	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.21 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.21 U	0.21 U	0.033 U	0.21 U	0.21 U
MW-20	8/14/2017	272	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
MW-21	8/14/2017	235 I	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
MW-22	12/1/2017	406	14.2 V	1.5	2.6	0.32 U	0.32 U	0.20 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.20 U	0.20 U	0.032 U	0.20 U	0.20 U
GCTLs		5,000	14	28	28	20	210	2,100	0.05[a]	0.2**	0.05[a]	210	0.5	4.8	0.005[a]	280	280	0.05[a]	210	210
NADCs		50,000	140	280	280	200	2,100	21,000	5	20	5	2,100	50	480	0.5	2,800	2,800	5	2,100	2,100

TRPHs = Total Recoverable Petroleum Hydrocarbons

µg/L = micrograms per liter

-- = Sample not analyzed for constituent or not reported

**** = As provided in Chapter 62-550, F.A.C.**

Concentrations in bold are above Groundwater Cleanup Target Levels (GCTLs)

Qualifiers: **U = Result below MDL** **I = Result between MDL and PQL** **D^x = Sample diluted by a factor of x** **V = Analyte found in associated method blank**

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

a = See the October 12, 2004 "Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits" to determine how to evaluate data when the CTL is lower than the PQL.

TABLE 5
Site Assessment Summary Worksheet

FDEP FAC ID #: 36/8520618 **Site Name:** BP Bonita-Oleum Corp

Does Site Qualify for LTNAM:

Dominant Lithology Vadose Zone

First Lithology (USCS): SP
Second Lithology (USCS): SW

Dominant Lithology Saturated Zone

First Lithology (USCS): SP
Second Lithology (USCS): CL

Average Depth to Water: 0' - 5'
Groundwater Flow Direction: Northwest

Recommended Technology for SRCO: Air Sparging
Combined Technology: Soil Vapor Extraction

Consultant SRCO Cost Estimate: $400,000
Consultant NFAC Cost Estimate: $250,000

GW Contaminants one per constituent	≤ GCTLs	≤ NADC	> NADC	Not Analyzed
Benzene			X	
Ethylbenzene			X	
Toluene			X	
Total Xylenes			X	
MTBE		X		
Naphthalene			X	
1-Methylnaphthalene		X		
2-Methylnaphthalene		X		
TRPHs		X		
EDB	X			
As				X
Pb	X			
Other	X			

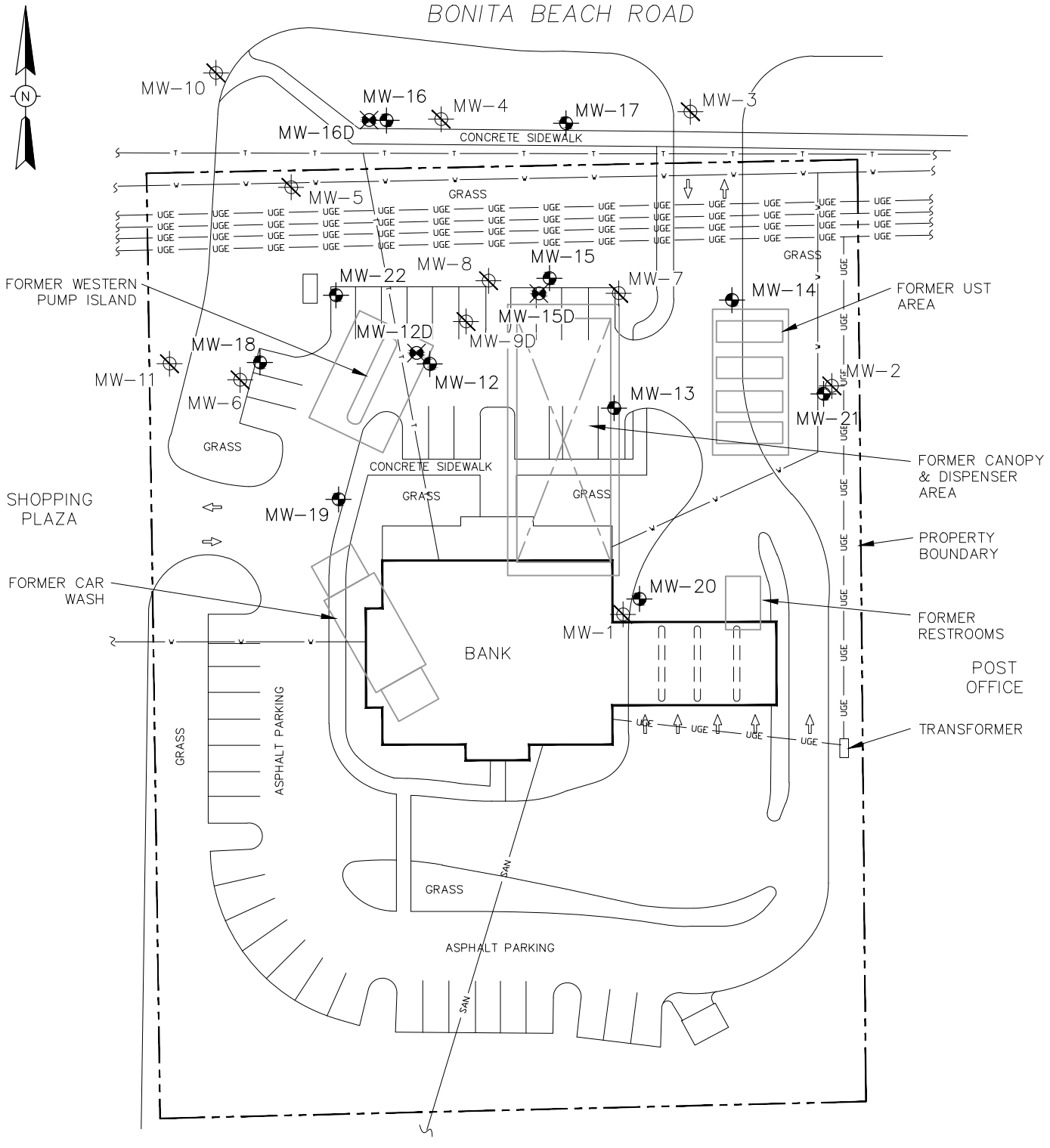
Soil Contaminants (select one unless Leachability & Direct Exposure CTLs exceeded)	No Soil Exceedences*	Exceeds Leachability	Exceeds Direct Exposure	Not Analyzed
Benzene		X	X	
Ethylbenzene		X		
Toluene		X		
Total Xylenes		X		
MTBE	X			
Naphthalene		X		
1-Methylnaphthalene		X		
2-Methylnaphthalene		X		
Other PAHs	X			
TRPHs		X	X	
As				X
Pb				X
Other				X

* Below direct exposure and leachability (or alternative SCTLS established through SPLP or fractionation)

Plume Characteristics	Groundwater	Soil
Shrinking or Stable	No	
On-site only	Yes	Yes
Plume <1/4 acre	No	Yes
Exclusion Zone Only	No	No
In FDOT ROW only	No	No
On State-Owned Land Only	No	No
Organoleptic Exceedence only (< HB CTLs)	No	
DE Soil Exceedences above 2'		Yes
DE Soil Exceedences from 2' to 10'		Yes
DE Soil Exceedences below 10'		N/A
Free Product	No	
Site Qualifies for LSSI NFA (any score)	No	No

APPENDIX B

Figures



LEGEND

- SHALLOW MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- DESTROYED MONITORING WELL LOCATION
- W — UNDERGROUND WATER / FIRE LINE
- T — UNDERGROUND TELECOMMUNICATION LINE
- UGE — UGE — UNDERGROUND ELECTRIC LINE
- SAN — UNDERGROUND ELECTRIC LINE

0 25 50

(SCALE IN FEET)

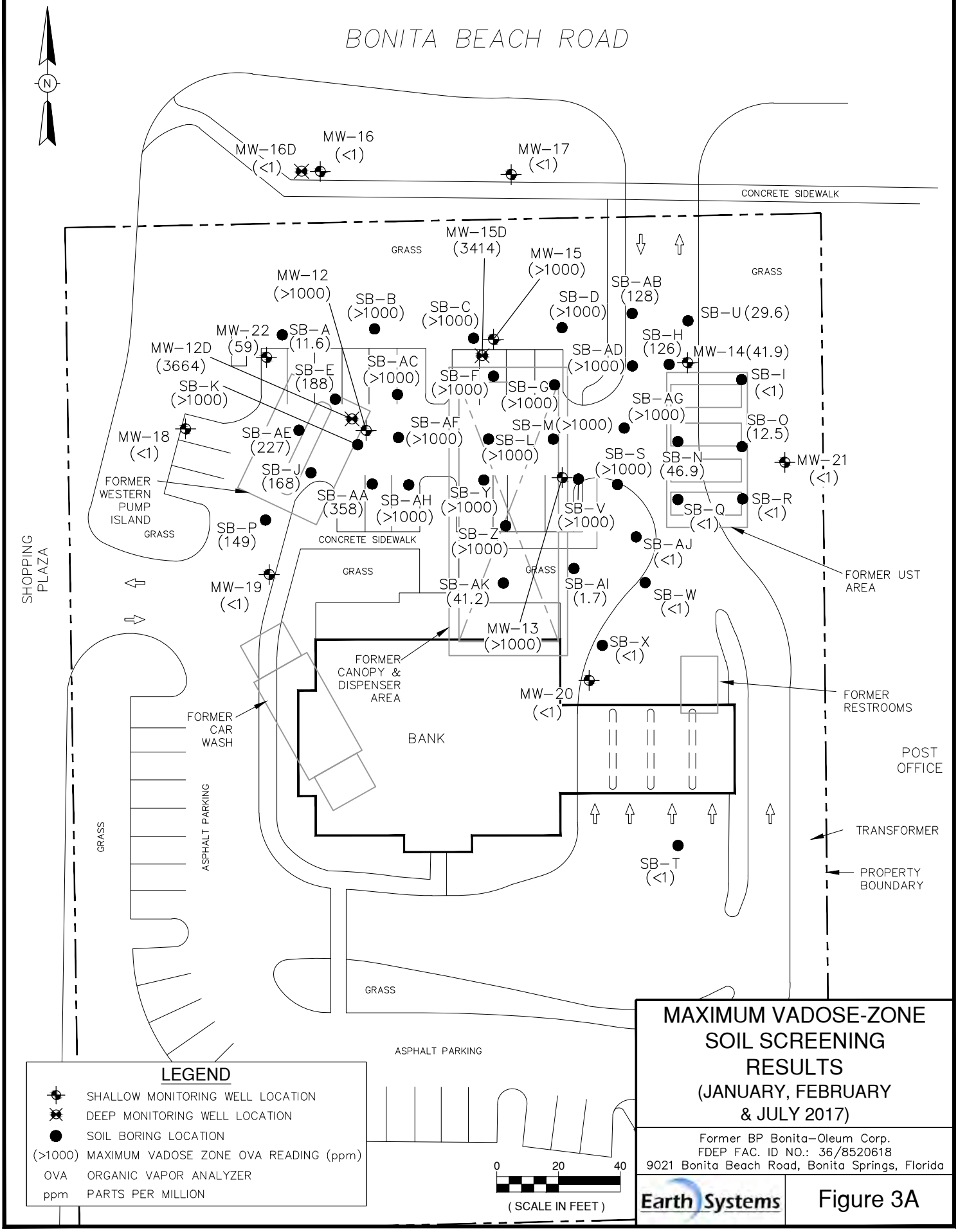
SITE PLAN

Former BP Bonita-Oleum Corp.
FDEP FAC. ID NO.: 36/8520618
9021 Bonita Beach Road, Bonita Springs, Florida

Earth Systems

Figure 1B

12/17 FIG1B



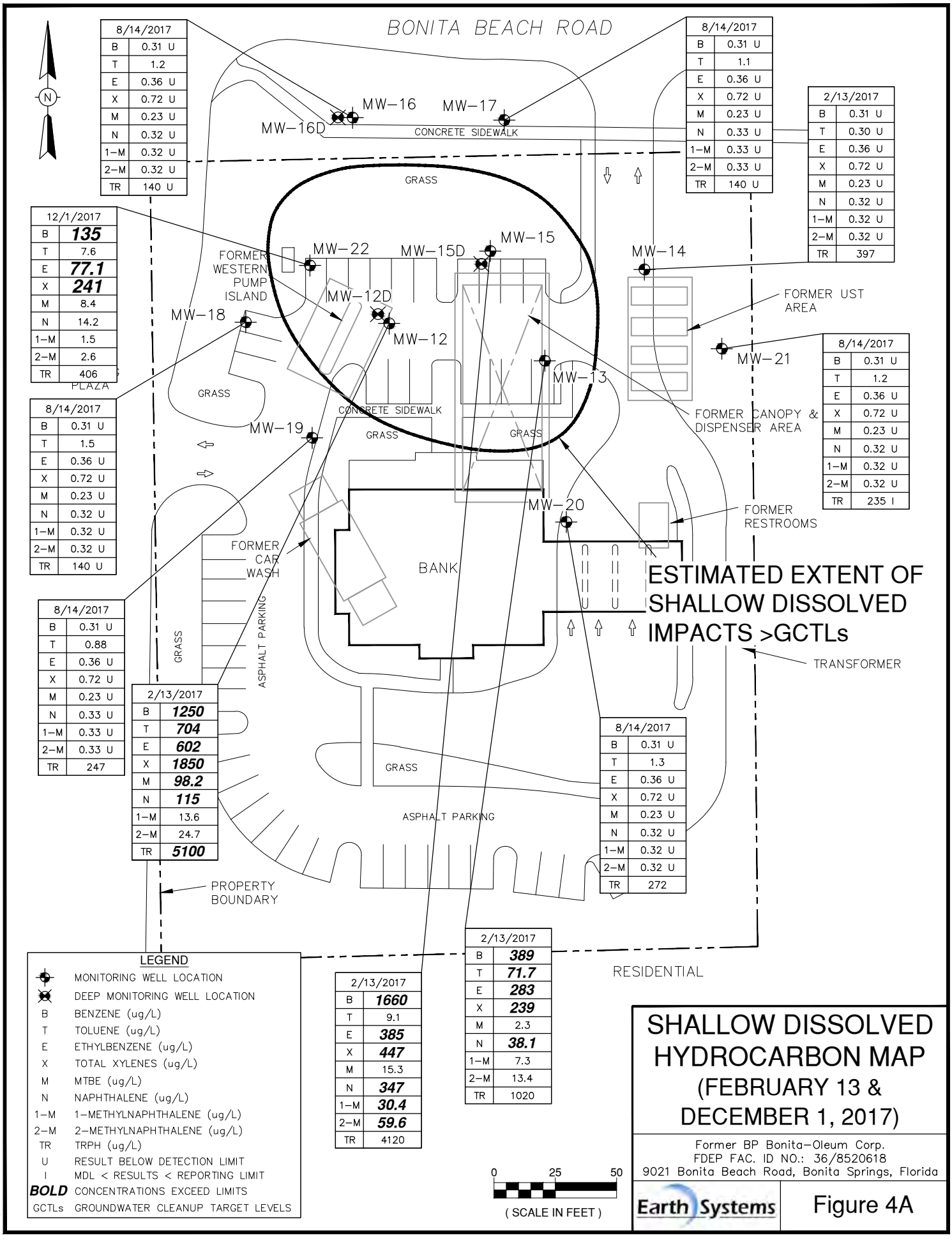
MAXIMUM VADOSE-ZONE SOIL SCREENING RESULTS
(JANUARY, FEBRUARY & JULY 2017)

Former BP Bonita–Oleum Corp.
FDEP FAC. ID NO.: 36/8520618
9021 Bonita Beach Road, Bonita Springs, Florida

Earth Systems

Figure 3A

12/17 FIG3A



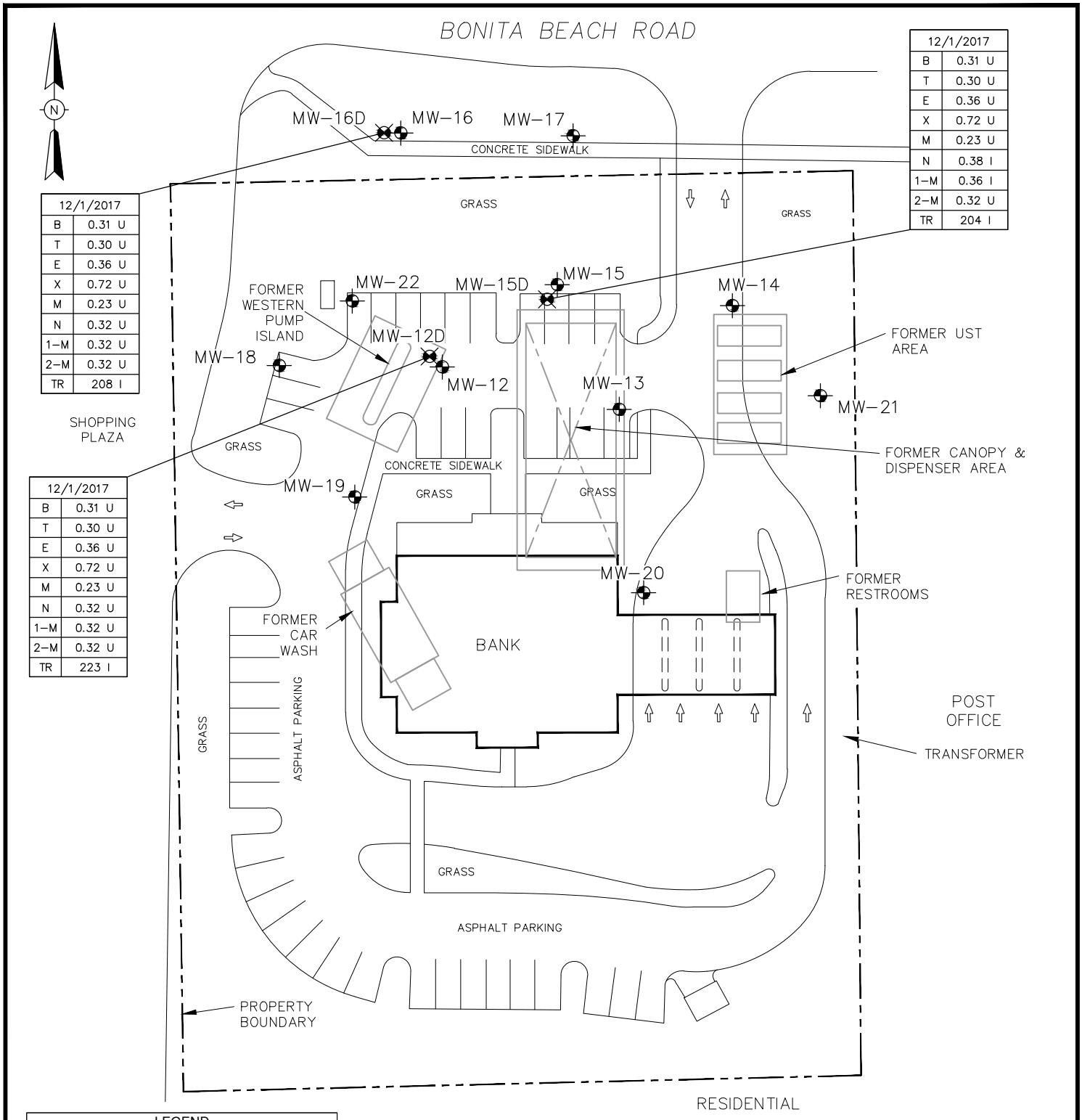
SHALLOW DISSOLVED HYDROCARBON MAP (FEBRUARY 13 & DECEMBER 1, 2017)

Former BP Bonita-Oleum Corp.
FDEP FAC. ID NO.: 36/8520618
9021 Bonita Beach Road, Bonita Springs, Florida

Earth Systems

Figure 4A

12/17 FIG4A



LEGEND

⊕	MONITORING WELL LOCATION
⊗	DEEP MONITORING WELL LOCATION
B	BENZENE (ug/L)
T	TOLUENE (ug/L)
E	ETHYLBENZENE (ug/L)
X	TOTAL XYLENES (ug/L)
M	MTBE (ug/L)
N	NAPHTHALENE (ug/L)
1-M	1-METHYLNAPHTHALENE (ug/L)
2-M	2-METHYLNAPHTHALENE (ug/L)
TR	TRPH (ug/L)
U	RESULT BELOW DETECTION LIMIT
I	MDL < RESULTS < REPORTING LIMIT

0 25 50

(SCALE IN FEET)

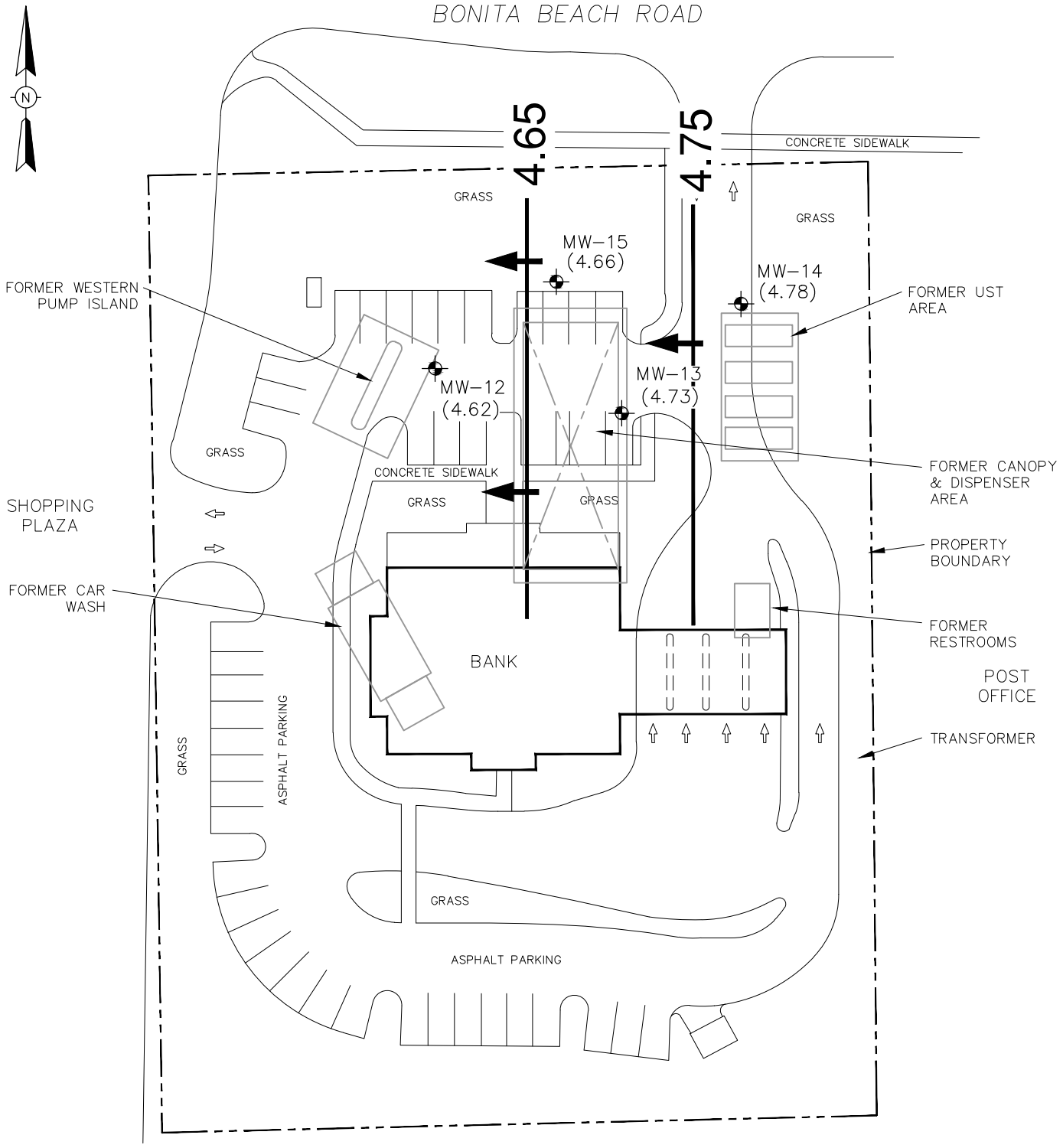
DEEP DISSOLVED HYDROCARBON MAP
(DECEMBER 1, 2017)

Former BP Bonita-Oleum Corp.
FDEP FAC. ID NO.: 36/8520618
9021 Bonita Beach Road, Bonita Springs, Florida

Earth Systems

Figure 4B

12/17 FIG4B



LEGEND

- SHALLOW MONITORING WELL LOCATION
- (4.78) GROUNDWATER ELEVATION (FT.)
- 4.75 GROUNDWATER CONTOUR (FT.)
- DIRECTION OF GROUNDWATER FLOW

0 25 50

(SCALE IN FEET)

SHALLOW GROUNDWATER ELEVATION CONTOUR MAP

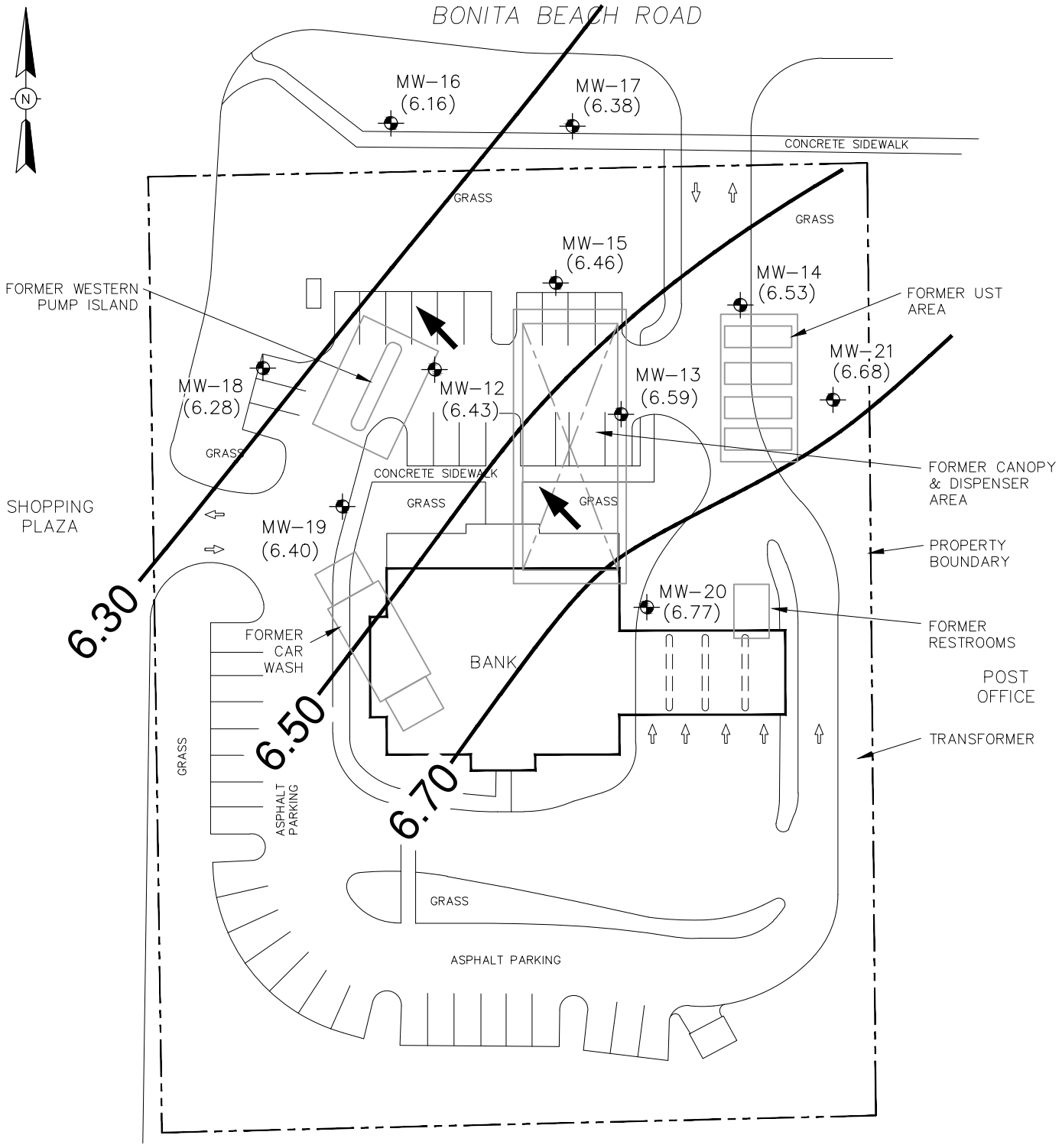
(FEBRUARY 13, 2017)

Former BP Bonita-Oleum Corp.
FDEP FAC. ID NO.: 36/8520618
9021 Bonita Beach Road, Bonita Springs, Florida

Earth Systems

Figure 5A

12/17 FIG5A



LEGEND

- SHALLOW MONITORING WELL LOCATION
- (6.77) GROUNDWATER ELEVATION (FT.)
- 6.70 GROUNDWATER CONTOUR (FT.)
- DIRECTION OF GROUNDWATER FLOW

0 25 50

(SCALE IN FEET)

SHALLOW GROUNDWATER ELEVATION CONTOUR MAP

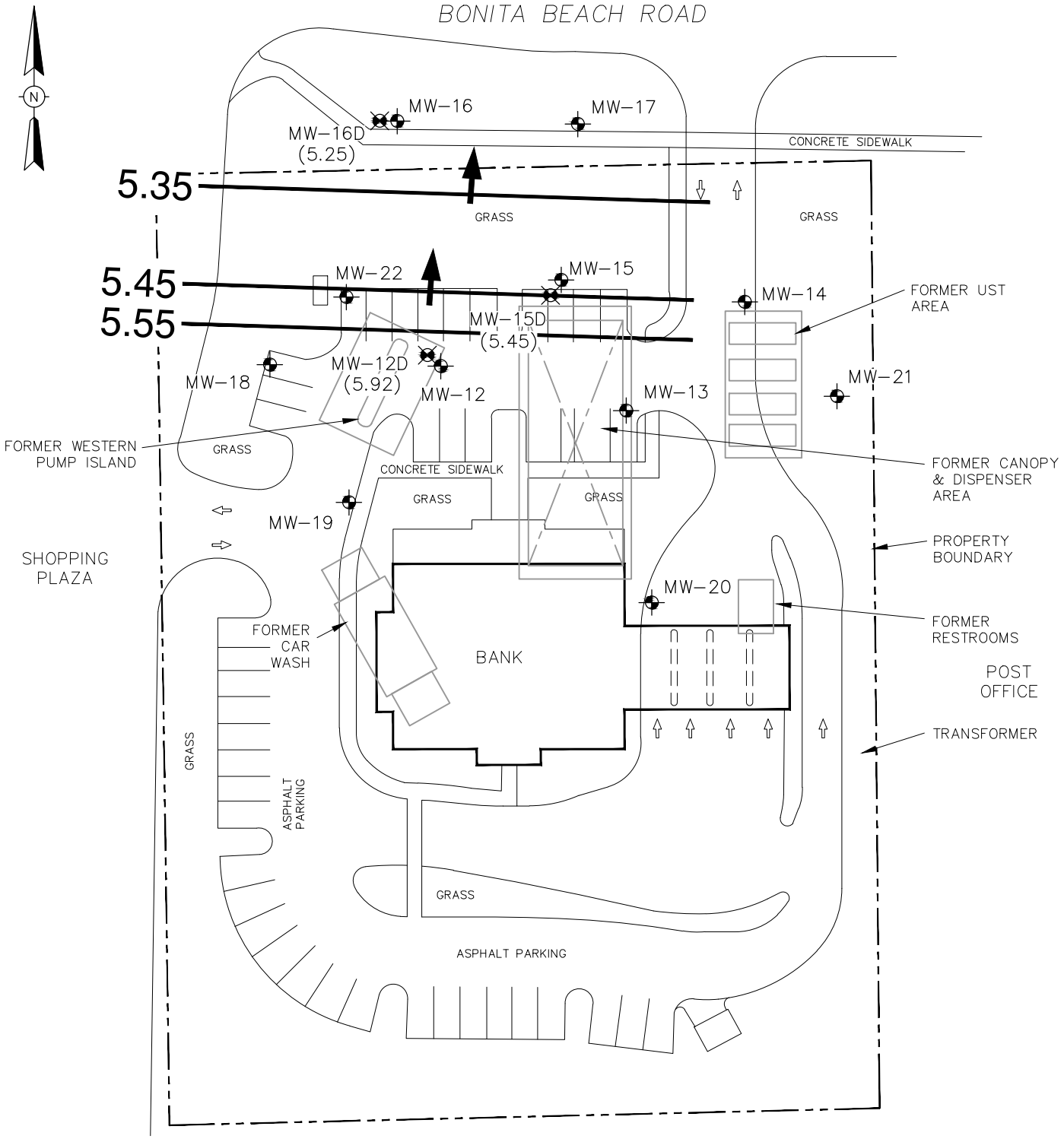
(AUGUST 14, 2017)

Former BP Bonita–Oleum Corp.
FDEP FAC. ID NO.: 36/8520618
9021 Bonita Beach Road, Bonita Springs, Florida

Earth Systems

Figure 5B

12/17 FIG5B



LEGEND

- SHALLOW MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- (6.77) GROUNDWATER ELEVATION (FT.)
- 6.70 GROUNDWATER CONTOUR (FT.)
- DIRECTION OF GROUNDWATER FLOW

0 25 50

(SCALE IN FEET)

DEEP GROUNDWATER ELEVATION CONTOUR MAP

(DECEMBER 1, 2017)

Former BP Bonita–Oleum Corp.
FDEP FAC. ID NO.: 36/8520618
9021 Bonita Beach Road, Bonita Springs, Florida

Earth Systems

Figure 5C

12/17 FIG5C

APPENDIX C

Storage Tank Facility Search
Site Closure Assessment
Discharge Reporting Forms
Eligibility Letter
Potable Well Survey
Receptor Survey and Exposure Pathway Identification Form
Contamination Assessment Report & Review Comments
Fire Department Complaint Report

Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Storage Tank/Contaminated Facility
Name & Address Search

Facility ID#: 8520618
Name: Bp-Bonita-Oleum Corp
9021 Bonita Beach Rd
Bonita Springs, FL 33923- 4213
Contact: Oleum Corp
Phone: 813-992-4941

Account Owner: Oleum Corp

District: SD
County: 36 - Lee
Type: A-Retail Station
Status: Closed
Latitude: 26:19:48.3326
Longitude: 81:48:09.1978
LL Method: DPHO-Unverified

Tank #	Size	Content	Installed	Placement	Status	Construction	Piping	Monitoring
1	10152	Leaded Gas	07/01/1976	UNDER	Removed from Site			
1R1	10000	Unleaded Gas	11/01/1988	UNDER	Removed from Site			
2	12000	Unleaded Gas	07/01/1980	UNDER	Removed from Site			
2R1	10000	Unleaded Gas	11/01/1988	UNDER	Removed from Site			
3	10152	Unleaded Gas	07/01/1976	UNDER	Removed from Site			
3R1	10000	Leaded Gas	11/01/1988	UNDER	Removed from Site			
4	10152	Vehicular Diesel	07/01/1976	UNDER	Removed from Site			
4R1	10000	Vehicular Diesel	11/01/1988	UNDER	Removed from Site			

*****Note:**

Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status A: Closed in Place, B: Removed from the site).

Lee COUNTY

BOARD OF COUNTY COMMISSIONERS

P.O. Box 398
Fort Myers, Florida 33902-0398
(813) 335-2111

813/335-2141
Writer's Direct Dial Number

John E. Manning
District One

Douglas R. St. Cerny
District Two

Ray Judah
District Three

Andrew W. Coy
District Four

John E. Albion
District Five

Donald D. Stilwell
Country Administrator

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing Examiner

November 21, 1994

Mr. Frank Holland
Oleum Corporation
P.O. Box 413038
Naples, FL 33941-3038

Entered into
OCULUS
South District

RE: BP - Bonita - Oleum Corp.
DEP ID#: 368520618

Dear Mr. Holland:

For your records, I have enclosed a copy of the recent closure compliance inspection conducted at your facility on November 10, 1994.

Although a Closure Assessment Report is not required for the closure of these tanks, this office does require a copy of the disposal manifests for any residual fuel, contaminated water and sludges as well as the tanks, to document proper closure. It is also unknown if the piping was capped and/or removed.

Pursuant to FAC Rule 62-761.800(2) and (3), the required information requested above is due in this office by January 10, 1995. If you have any questions regarding this matter, please contact me at the above number.

Sincerely,

DEPARTMENT OF COMMUNITY DEVELOPMENT
Division of Natural Resources Management

Bill W Johnson
Supervisor
Storage Tanks Program

BWJ:alc
WDocs\c8520618

Enclosure

RECEIVED
JAN. 10 1995
LEE COUNTY DIV. OF
NATURAL RESOURCES MGMT.

SITE CLOSURE ASSESSMENT
BONITA B.P. - OLEUM CORPORATION
9021 BONITA BEACH ROAD
BONITA SPRINGS, FLORIDA

FDER FACILITY IDENTIFICATION NUMBER 368520618

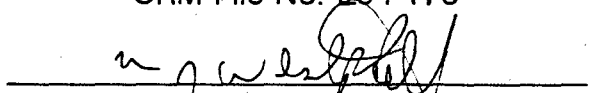
Prepared for:

Oleum Corporation
P.O. Box 413038
Naples, Florida 33941-3038

By:

Coastal Resource Management, Inc.
2029 Bayside Parkway
Fort Myers, Florida 33901
(813) 334-4435

January, 1995
CRM File No. E94-176



Michael J. Westphall
Geologist #340

Coastal Resource Management, Inc.

2029 Bayside Parkway
Fort Myers, Florida 33901-3101

Phone: (813) 334-4435
Fax: (813) 334-6932

January 6, 1995

Mr. Steven Hooper
Lee County Division of Natural Resources Management
P. O. Box 398
Fort Myers, Florida 33902-0398

RE: Site Closure Assessment and Remedial Action Report
Bonita B.P. - Oleum Corporation
FDER Facility Number: 368520618
CRM File Number: E94-176

Dear Mr. Hooper:

Enclosed please find the referenced report which describes the removal of UST's, and associated dispenser islands and piping.

Should you have any comments or questions concerning this matter, please do not hesitate to contact me.

Sincerely,

COASTAL RESOURCE MANAGEMENT, INC.

Michael J. Westphall, P.G.
Registration Number 340
President

DBH:smd

Enclosure

I. INTRODUCTION

Four (4) underground storage tanks (UST's) have been removed from the Bonita B.P. facility, located at 9021 Bonita Beach Road, Bonita Springs, Florida (Figure 1). Each of the four (4) UST's had a capacity of 10,000 gallons: three (3) of the UST's were reported to have contained gasoline, and one (1) UST was reported to have contained diesel fuel. The project facility is registered with the Florida Department of Environmental Protection (FDEP) under the name B.P. Bonita - Oleum Corporation as facility identification number 368520618.

West Coast Mechanical, Inc. (WCM), was contracted to remove the UST's; Coastal Resource Management, Inc. (CRM) was contracted to supervise the removal of the UST's, and to assess for potential soil and groundwater contamination associated with the UST's and product distribution system. The following sections describe the work scope completed at the site, and the methodology employed to obtain data.

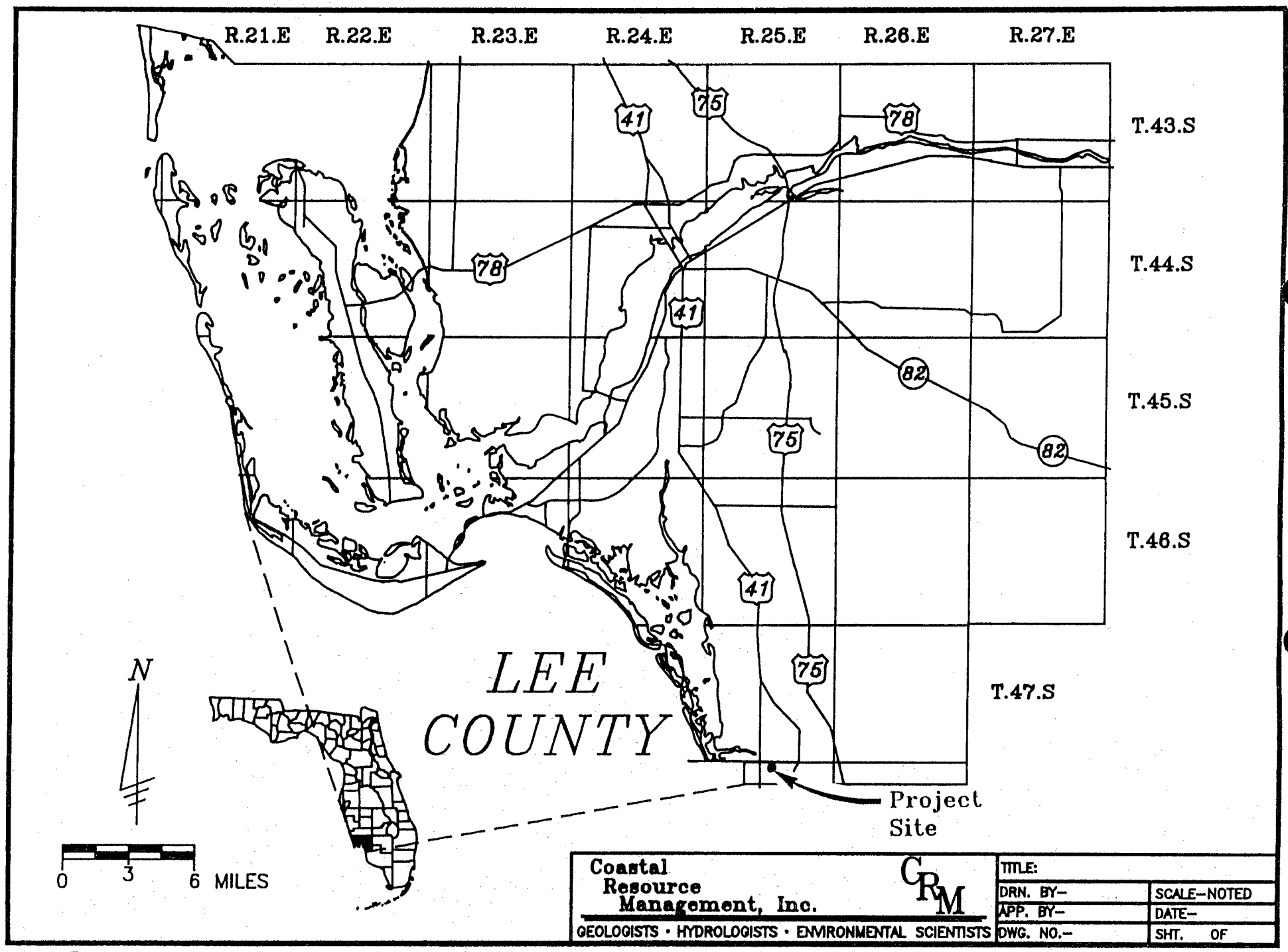


FIGURE 1. MAP SHOWING THE REGIONAL LOCATION OF THE PROJECT SITE.

II. REMOVAL OF THE FUEL STORAGE SYSTEM AND CONTAMINATED SOIL

A. Introduction

WCM, a licensed pollutant storage system contractor, removed and disposed of the UST's at the Bonita B.P. site. The UST's were removed on November 9, 1994, with the use of a trackhoe (refer to Appendix A for tank disposal manifests). Mr. David Hire of CRM and Mr. Paul Demack of the Lee County Division of Natural Resources Management were present on-site during the removal of the UST's. Prior to removal of the UST's, WCM pumped all fluids from the UST's and transported the fluids to a holding tank at the WCM facility. Fluids were removed from the WCM facility by Howco Environmental Services for proper treatment and/or disposal. A manifest showing the receipt of the liquid is provided as Appendix B. The petroleum storage system at the project facility consisted of one (1) tank farm area, three (3) dispenser islands and associated piping (refer to Figure 2 for the location of pertinent features). Dispenser islands and product piping were excavated on November 16, 17, and 18, 1994.

Soils within the excavated areas were quantitatively assessed for the presence of volatile organic hydrocarbons with the use of an organic vapor analyzer (OVA). The OVA used was a Foxboro Model 128, which had been pre-calibrated by the use of methane span gas in concentrations of 95 ppm and 500 ppm. Clean sample jars were half-filled with soil and covered tightly with aluminum foil; the remaining air space (head space) was tested for volatile organic hydrocarbon concentration with the use of an unfiltered probe. The soil samples were also tested using a filtered probe (activated carbon) to account for the presence of naturally-occurring methane in the soil.

B. Excavation of the UST's

On November 9, 1994, WCM removed four (4) UST's from the Bonita B.P. facility. Three (3) of the UST's were reported to have been used to store gasoline and one (1) of the UST's was reported to have been used to store diesel fuel; all four (4) UST's had capacities of 10,000 gallons. The UST's were manufactured by Buffalo Tank and were

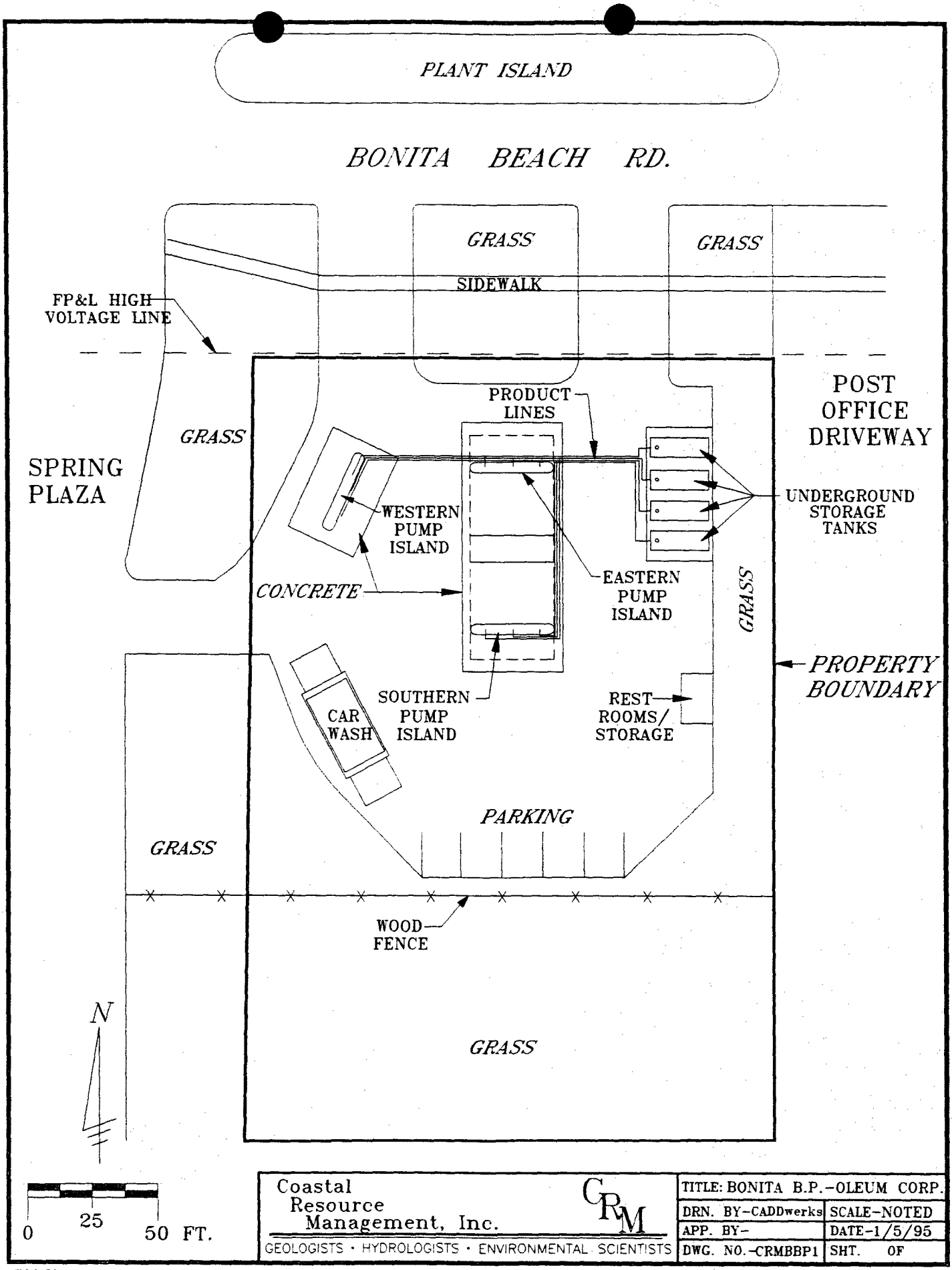


FIGURE 2. MAP SHOWING PERTINENT FEATURES, BONITA B.P., OLEUM CORP.

constructed of fiberglass clad steel. All tanks were in good condition with no significant rust or pitting and no apparent holes.

Soil samples were collected for analyses by the OVA at selected intervals to depths of five (5) and five and one-half (5.5) feet below land surface. The surface of the water table was encountered at approximately six (6) feet below grade. Table 1 provides the results of the OVA survey and Figure 3 indicates locations of soils sampled.

C. Excavation of the Dispenser Islands and Contaminated Soil

The three (3) dispenser islands (designated as the western, eastern and southern islands) and the product piping were excavated on November 16, 17 and 18, 1994. Excavation of these areas was completed to a depth of about two and one half (2.5) to three (3) feet below grade. Excessively contaminated soils were encountered at the western and eastern dispenser islands (refer to Figure 3 for limits of excavated soil, and Table 1 for OVA survey).

Excessively contaminated soils encountered at the western and eastern dispenser islands were excavated and stockpiled on asphalt on-site. Excavation of soil was completed to a depth of approximately five (5) feet below land surface. The contaminated soil stockpile was covered with visqueen to prevent the potential spread of contamination. A groundwater sample was not collected for analyses because soil contamination was identified on-site. A Discharge Reporting Form was submitted to the LCDNRM on November 17, 1994 (refer to Appendix C).

III. PRE-BURN ANALYSES AND REMOVAL OF CONTAMINATED SOIL

On November 18, 1994, CRM collected three (3) composite samples of the contaminated soil stockpile for analyses of pre-burn parameters, which include EPA Method 8010, 8020, 9873 and the eight (8) RCRA metals (refer to Appendix D). On December 14, 1994, a total of 403.17 tons of contaminated soils were transported to South Florida Thermal Services, Inc. for remediation by thermal techniques. A Certificate

TABLE 1. OVA SURVEY BONITA B.P. - OLEUM CORPORATION				
Site No.	Depth Below Grade (ft.)	OVA Readings (ppm)	OVA Reading with Carbon Filter	OVA Reading Adjusted
1	2	0	0	0
	5	4	0	4
2	2	0	0	0
	5	70	44	26
3	2	0	0	0
	5	90	72	18
4	2	1	0	1
	5	88	46	42
5	2	65	25	40
	5	4	0	4
6	2	46	12	34
7	3	280	280	0
	4	180	140	40
	5.5	180	150	30
8	3	70	60	10
	5	40	0	40
9	2	28	8	20
	5	470	460	10
10	2	50	18	32
	5	880	490	390
11	2	40	0	40
12	2	90	90	0
	5	80	40	40
13	2	3	0	3
	5	120	100	20

TABLE 1. OVA SURVEY BONITA B.P. - OLEUM CORPORATION				
Site No.	Depth Below Grade (ft.)	OVA Readings (ppm)	OVA Reading with Carbon Filter	OVA Reading Adjusted
14	2	26	8	18
	3	58	14	44
	5	80	60	20
15	2	12	2	10
	5	62	40	22
16	2	>1,000	500	>500
	5	>1,000	>1,000	*
17	2	960	280	680
	5	>1,000	>1,000	*
18	2	38	8	30
	5	>1,000	120	880
19	2	20	4	16
	5	120	96	24
20	2	46	0	46
21	2	16	2	14
	5	12	8	4
22	2	48	16	32
	5	60	42	18
23	2	400	0	400
	4	900	82	818
24	2	180	0	180
	5	720	70	650
25	2	48	8	40
	5	68	32	36
26	2	26	6	20
	5	76	34	42

* Unable to obtain valid OVA reading.

TABLE 1. OVA SURVEY BONITA B.P. - OLEUM CORPORATION				
Site No.	Depth Below Grade (ft.)	OVA Readings (ppm)	OVA Reading with Carbon Filter	OVA Reading Adjusted
27	2	420	140	280
	5	>1,000	260	>740
28	2	420	120	300
	5	>1,000	280	>720
29	2	100	30	70
	5	820	180	640
30	2	58	0	58
	3.5	>1,000	140	>860
	4.5	>1,000	>1,000	*
31	2	84	0	84
	5	>1,000	460	>540
32	2	0	0	0
	5	0	0	0
33	2.5	4	0	4
	5	>1,000	490	>510
34	2.5	2	0	2
	5	420	270	150
35	2.5	>1,000	24	>976
	5	>1,000	>1,000	*
36	2.5	40	0	40
	5	>1,000	120	>880
37	2.5	>1,000	8	>992
	5	>1,000	480	>520
38	2.5	0	0	0
	5	170	32	138
39	2.5	>1,000	180	>820
40	2.5	>1,000	180	>820

* Unable to obtain valid OVA reading.

TABLE 1. OVA SURVEY BONITA B.P. - OLEUM CORPORATION				
Site No.	Depth Below Grade (ft.)	OVA Readings (ppm)	OVA Reading with Carbon Filter	OVA Reading Adjusted
41	1.5	>1,000	110	>890
	2.5	>1,000	240	>760
42	1.5	>1,000	180	>820
	2.5	>1,000	220	>780
43	2.5	>1,000	120	>880
44	2	140	100	40
	4	80	58	22
45	1.5	180	180	0
	3	120	92	28
46	2.5	4	0	4
47	2.5	3	1	2
48	2.5	220	84	136
49	2.5	>1,000	420	>680

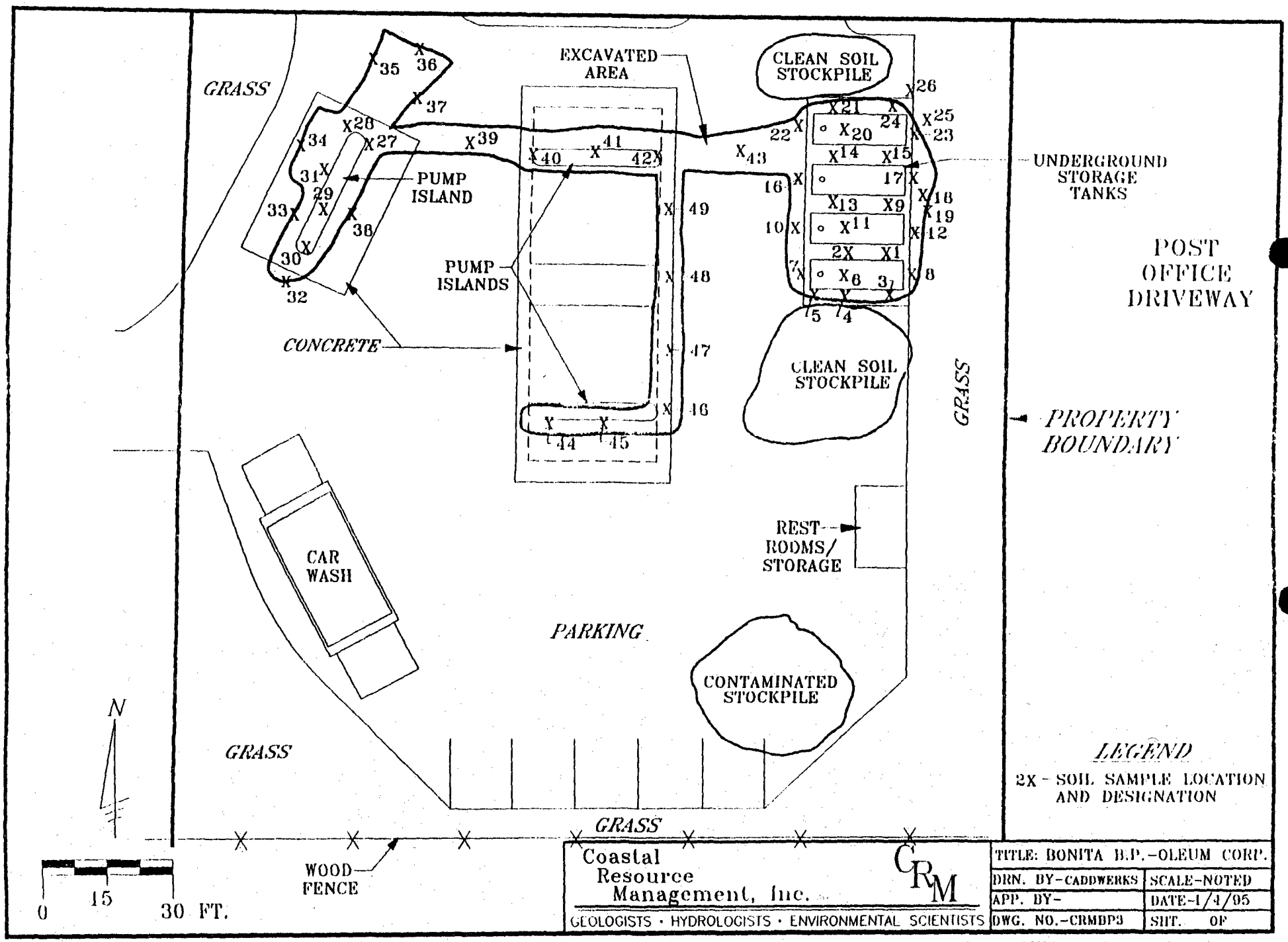


FIGURE 3. MAP SHOWING EXCAVATED AREA, SOIL STOCKPILES, AND SOIL SAMPLE LOCATIONS, BONITA B.P.-OLEUM CORP.

IV. CONCLUSIONS

Four (4) UST's and product piping have been removed from the Bonita B.P. facility located in Bonita Springs, Florida.

Excessively contaminated soils were encountered at the tank farm area and at the western and eastern dispenser islands. Excessively contaminated soil above the water table was excavated and stockpiled on-site.

A total of 403.17 tons of contaminated soils have been removed from the site for thermal treatment at a licensed facility. A Closure Assessment Form is provided as Appendix E; an Initial Remedial Action Report Form is provided as Appendix F.

A CAR will be submitted to Lee County Division of Natural Resources Management within six (6) months of discovery of the petroleum discharge.

APPENDICES

Exhibit A.	Tank Disposal Manifests
Exhibit B.	Contaminated Liquid Manifest
Exhibit C.	Discharge Reporting Form
Exhibit D.	Laboratory Results of Pre-Burn Analyses
Exhibit E.	Closure Assessment Form
Exhibit F.	Initial Remedial Action Report Form

EXHIBIT A - TANK DISPOSAL MANIFESTS

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

DER Form # 17-761.900(5)
Form Title Underground Storage Tank Installation & Removal Form for Certified Contractors
Effective Date December 10, 1990
DER Application No. _____ (Filled in by DER)

Underground Storage Tank Installation and Removal Form For Certified Contractors

Pollutant Storage System Specialty Contractors as defined in Section 489.113, Florida Statutes (Certified contractors as defined in Section 17-761.200, Florida Administrative Code) shall use this form to certify that the installation, replacement or removal of the storage tank system(s) located at the address listed below was performed in accordance with Department Reference Standards.

General Facility Information

1. DER Facility Identification No.: 368520618
2. Facility Name: B.P. STATION Telephone: (813) 262-2600
3. Street Address (physical location): 9021 BONITA BEACH ROAD, BONITA SPRINGS, FL.
4. Owner Name: OLEUM CORPORATION Telephone: (813) 262-2600
5. Owner Address: P.O. BOX 413038, NAPLES, FL. 33941
6. Number of Tanks: a. Installed at this time _____ b. Removed at this time 4
7. Tank(s) Manufactured by: BUFFALO TANK CO.
8. Date Work Initiated: 11/1/94 9. Date Work Completed: 11/20/94

Underground Pollutant Tank Installation Checklist

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

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

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

Underground Pollutant Tank Removal Checklist

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

WEST COAST
Mechanical, Inc.
P.O. Box 05-1016
Ft. Myers, FL 33905
State Certified Contractors
(813) 995-4900

TANK DISPOSAL MANIFEST

Date: 12/14/94

Re: Tank Disposal

Job Location: B.P. STATION
.....9021 BONITA BEACH RD.
.....BONITA SPRINGS, FL.

The following tanks were removed from the above location, cut up and scrapped in accord with all State and Local codes; D.E.R. and N.F.P.A.

.....TANKS: 4
.....SIZE: 10,000 GALLON
.....STEEL/FIBERGLASS

Russell C. Lynn
West Coast Mechanical, Inc.

Signed and sealed this 14th day of December, 1994.

Notary Public
State of Florida

My Commission expires_____

Seal

Notary Public, State of Florida
RAYMOND M. FABINA
My Comm. Exp. 8-25-97
Comm. No. CC 291125

Corporate Seal

RL:raa

ORDER NO. C246EF

Issued on Tuesday, August 8, 2023 EDT
Created on Tuesday, August 8, 2023 EDT by Elisha McCleary (Contracts) on behalf of James Yurkovich (Contracts)

SUPPLIER:
Advanced Environmental Technologies, LLC
5910 Breckenridge Pkwy
Tampa, FL 33610
United States
Phone: +1 (863) 614-0693
Fax: +1 850-208-3210
Contact: Kim McGowan

TOTAL AMOUNT
$74,605.68000 USD

SHIP TO:
DEP-PETROLEUM RESTORATION PROGRAM
2600 BLAIR STONE RD
BMC RM 420 MS 4575
TALLAHASSEE, FL 32399
United States

BILL TO:
DEP-PETROLEUM RESTORATION PROGRAM
2600 BLAIR STONE RD
BMC RM 420 MS 4575
TALLAHASSEE, FL 32399
United States

DELIVER TO:
James Yurkovich (Contracts)

Organization Code:
Description: PETROLEUM TANKS CLEANUP
Expansion Opt:
Description:
Object Code:
Description: ENGINEERING SERVICES - ENVIRONMENTAL
Transaction Fee Exempt?: No
Transaction Fee Exempt Reason:

VersionNumber: 1
PUI:
ID: 3701
Name: 3701 - FDEP Contracts
PO Start Date: Tuesday, August 8, 2023 GMT
PO End Date: Monday, April 29, 2024 GMT
Site Code:
ID: 370000-12
Name: 12
Encumber Funds: Yes
Entity Description: Department of Environmental Protection

LINE ITEM DETAILS (1 LINE ITEM)

NO.	DESCRIPTION	PART NUMBER	QTY	NEED-BY DATE	UNIT PRICE	AMOUNT	ORDER CONFIRMATION STATUS
1	**Contractor has been selected to perform Site ...**		74,605.68 Dollar	-	$1.00000 USD	$74,605.68000 USD	Unconfirmed

Full Description: Contractor has been selected to perform Site Assessment (SA) at BP-Bonita-Oleum-Corp, 9021 Bonita Beach Rd, Bonita Springs, Lee County, Florida, FAC ID 368520618. Attachment A, Scope of Work, attached to the purchase order (PO) describes the work to be completed by the Contractor. All work shall be performed in accordance with the terms of the Agency Term

Contract (ATC). The PRP reference number for this project is 833-048A.

Attached hereto and made a part of this PO is Attachment B - Schedule of Pay Items and Other Related Documents. Pay Items are at or below the negotiated maximum rates included in the ATC. Contractor must submit the appropriate completed documents from Attachment B to the Site Manager with each deliverable, as instructed. Upon completion and approval of all work under this PO, Contractor shall submit a signed Release of Claims document, along with the final invoice. Contractor must include Subcontractor Utilization Report form, included as a tab on Attachment B, with each invoice.

The Department will retain 5% of the total amount of each payment made. Contractor may submit a request for release of retainage upon completion, and DEP approval of, all work performed under this PO.

The Department will evaluate the Contractor as specified in the Agency Term Contract.

The Contractor agrees to perform the services described in the PO in accordance with the terms of its ATC (as those terms may have been amended) which are in effect on date of issuance of the PO. The applicable ATC terms are available at the following URL: https://facts.fldfs.com/Search/ContractDetail.aspx?AgencyId=370000&ContractId=GC833

Req. Line No.: 1
Requester: James Yurkovich (Contracts)
PR No.: PR321583
Method of Procurement: J - Agency ITN [s 287.057(1) (c), F.S.]
Shipping Method: Best Way
Solicitation #: 2014004C
State Contract ID:
Prime Vendor:
incoTerm:

TOTAL AMOUNT
$74,605.68000 USD

COMMENTS

- Elisha McCleary (Contracts), 08/02/2023:
  The following attachments are attached hereto and made a part of this Purchase Order:
  Attachment A – Scope of Work
  Attachment B – Schedule of Pay Items & Other Related Documents (Elisha McCleary (Contracts), Wednesday, August 2, 2023 EDT)
- Jaylynn Lowery (Contracts), 08/08/2023:
  Note: Attachment B language appearing in upper right-hand corner titled "Without Handling Fee" is used by the program to identify the total cost less the 6% handling and MFMP fee on reimbursable items. This information is only used as a check point for PRP staff. The total PO amount for the project is the amount appearing in the "Total Extended Cost" section in the upper right-hand side of the spreadsheet.

  (Jaylynn Lowery (Contracts), Tuesday, August 8, 2023 EDT)

ATTACHMENTS

- ATTACHMENT by **Elisha McCleary (Contracts)** on *Wednesday, August 2, 2023 at 10:03 AM*
  AttachmentA-SOW-368520618-SA.pdf (505282 bytes)
- ATTACHMENT by **Elisha McCleary (Contracts)** on *Thursday, August 3, 2023 at 3:31 PM*
  AttachmentB-SPI-368520618-SA.zip (1230907 bytes)

TERMS AND CONDITIONS OF PURCHASE

Purchase Order Terms & Conditions

http://dms.myflorida.com/mfmp_PO_TC

Attachment A
Petroleum Restoration Program
Scope of Work

9-Digit Facility ID Number: 368520618
STCM Facility Name: BP-Bonita-Oleum-Corp

SubPhase(s): SA

Specifications
All work must be performed in accordance with this Scope of Work (SOW) and any attachments, Chapters 62-160, 62-532, 62-777 and 62-780, F.A.C., all applicable FDEP and Water Management District guidance memoranda, standard industry procedures and as described in the Agency Term Contract (ATC).
Copies of all referenced guidelines are available at:
http://floridadep.gov/waste/petroleum-restoration

Reports must be submitted using the appropriate FDEP forms found at:
http://floridadep.gov/waste/petroleum-restoration/content/procedures-guidance-documents

All work must be conducted in accordance with PRP Standard Specification Details found at:
http://floridadep.gov/waste/petroleum-restoration/content/templates-forms-tools-and-guidance

The following tables are included as attachments to this SOW and further represent the details of the scope of work.

- [✓] Water Sampling Table
- [✓] Soil and Air Sampling Table
- [✓] Soil Boring (SB) and Well Installation Table

Attachment A
Petroleum Restoration Program
Scope of Work

9-Digit Facility ID Number:	368520618
STCM Facility Name:	BP-Bonita-Oleum-Corp

Task 1 Description:	Prepare and submit a Health and Safety Plan. Conduct file review, prepare and submit historical summary worksheet. Research historic records and obtain electronic copies of historic data tables preceding 2016. If electronic tables are not available, document attempts to acquire data from prior consultant(s) and submit to SM as backup for an RFC to compile all historic data into comprehensive and cumulative analytical data tables, utilizing primary data sources (lab reports). Reconcile all historical site plans to produce figures depicting the location of all former tanks, dispensers, historic monitoring wells, groundwater grab, and soil analytical sample locations. Obtain off site access agreements, as necessary, with adjacent properties. Prepare and submit a comprehensive sampling proposal to address any outstanding soil or groundwater exceedances remaining on the site, offsite properties, and adjoining right-of-way. After approval of Health and Safety Plan and utility locate/mark-out per standards of care in the ATC, conduct site reconnaissance and pre-drilling meeting with site manager and driller. Prepare and submit area survey table, location map, area map, site map, photo documentation, and field notes to include: date, start and end time, list of participating parties, confirmation the operating business owner/tenant recognizes the scope of work prior to field activities. No permits are anticipated; review and notify the Site Manager in writing of all necessary permitting requirements, submit RFC as needed to acquire permits. Please note that per the DEP site access agreement, a separate site access agreement between the owner and the ATC has been requested by the property owner or tenant. Submit an email or letter (copying the owner or tenant) indicating either that this separate site access agreement has been executed or that the owner no longer wants such an agreement with the contractor (the owner is content with the current DEP site access agreement). The DEP does not need a copy of this agreement. Prepare and submit a Task 2 (SOW) proposal.
Task 1 Deliverable:	Health and Safety Plan, Historical Summary Worksheet, SAA email or letter, Pre-drill & Reconnaissance Field Notes, and Task 2 SOW proposal.
Task 1 Deliverable Due Date:	Friday, October 6, 2023

Attachment A
Petroleum Restoration Program
Scope of Work

9-Digit Facility ID Number:	368520618
STCM Facility Name:	BP-Bonita-Oleum-Corp

Task 2 Description:	Upon approval by Sarasota County: Install 6 replacement wells (MW-3R, 5R, 7R, 8R, 9DR, and 11R) and screen soils from drill cuttings. Install 1 MW and 13 soil borings at the locations indicated in the attached Figures 1B and 3B and screen soils from drill cuttings during boring installation. Expidite IDW analysis and dispose of soils by roll-off. Collect one vadose zone soil sample from each soil boring at the specified interval based upon initial assessment screening and analysis that identified intervals with greatest impacts. If any soil borings have indications of petroleum contamination (visual staining, olfactory, or OVA > 50 ppm) based upon soil screening in the field, request a field change order (call SM from field) to delineate the area of impacted vadose zone soils. Collect only one sample from a boring and ensure all samples are collected above measured or apparent water table and analyze. Obtain SM approval before performing SPLP or TRPH fractionation. Collect groundwater samples and analyze. If additional assessment is recommended and with SM approval, prepare and submit an Interim Assessment Report with field notes, pre-drill meeting notes, lab reports, logs, photos, Task 3 SOW proposal, COMPREHENSIVE TABLES AND FIGURES (depicting all relevant historical features). If assessment is complete, prepare and submit an RFC to change the Task 2 deliverable to a Supplement Site Assessment Report, do not submit the report until confirming with the SM that soil and groundwater delineation is complete, and RFC is approved in MFMP.
Task 2 Deliverable:	Interim Assessment Report
Task 2 Deliverable Due Date:	Friday, December 15, 2023

Attachment A
Petroleum Restoration Program
Scope of Work

9-Digit Facility ID Number:	368520618
STCM Facility Name:	BP-Bonita-Oleum-Corp

Task 3 Description:	Upon approval by Sarasota County: Conduct a Pre-Drilling Teleconference with site manager and driller; prepare and submit teleconference notes to include date, start and end time, and participants. Confirm owner/tenant understands the scope of work prior to field activities. Install up to 3 wells and 6 soil borings at the agreed upon locations and screen soils from drill cuttings during boring installation. All drums must be filled to at least 75% capacity and photo documentation provided to verify. Collect one vadose zone soil sample from each boring at the specified intervals based upon initial assessment screening and analysis that identified intervals with greatest impacts. If any soil borings have indications of petroleum contamination (visual staining, olfactory, or OVA > 50 ppm) based upon soil screening in the field, request a field change order (call site manager from field) to delineate the area of impacted vadose zone soils. Collect only one sample from a boring and ensure all samples are collected above measured or apparent water table and analyze. Obtain site manager approval before performing SPLP or TRPH fractionation. Collect groundwater samples and analyze. Prepare and submit a Supplemental Site Assessment Report with field notes, pre-drill meeting notes, lab reports, logs, photos, SOW proposal, COMPREHENSIVE TABLES AND FIGURES (depicting all relevant historical features). Do not submit the report until confirming with the site manager that soil and groundwater delineation is complete. If additional soil or groundwater delineation is required, prepare and submit an RFC to change the Task 3 deliverable to a Interim Assessment Report. Contingent Funding in this task is only to be used to offset the cost for pay items associated with a Field Request for Change for any open task.
Task 3 Deliverable:	Supplemental Site Assessment Report
Task 3 Deliverable Due Date:	Thursday, February 29, 2024
PO End Date:	**Monday, April 29, 2024**

Schedule of Pay Items (SPI)
All unit rates and extended prices for all line item costs associated with this project are provided in the SPI [Attachment B to this Purchase Order (PO)] and shall not exceed the rates established in the ATC.

Requests for Change (RFC)
All requests for changes to the SOW must be submitted in writing and be approved in writing by the FDEP/LP using the RFC form in accordance with paragraphs 2.A and 26 of the ATC and can be found at:

http://floridadep.gov/waste/petroleum-restoration/content/templates-forms-tools-and-guidance

Any change which results in an extension of the due dates, PO end date, or a change in quantities or costs, requires that a PO Change Order be formally issued prior to performance of the revised SOW.

Performance Measures
The FDEP/LP Site Manager will review the submitted documentation to confirm that all work was performed in accordance with the Specifications referenced above. The FDEP/LP Site Manager will notify the Contractor of acceptance or any deficiencies in the work and/or deliverables. The Contractor will be given an opportunity to remedy deficiencies at no additional cost to the FDEP.

Attachment A
Petroleum Restoration Program
Scope of Work

9-Digit Facility ID Number: 368520618
STCM Facility Name: BP-Bonita-Oleum-Corp

The FDEP/LP Site Manager will review the work and/or deliverables within the timeframes established in FDEP guidance documents. The Contractor will respond to any comments to complete the work and/or deliverables within the timeframe established in the comment letter or email correspondence.

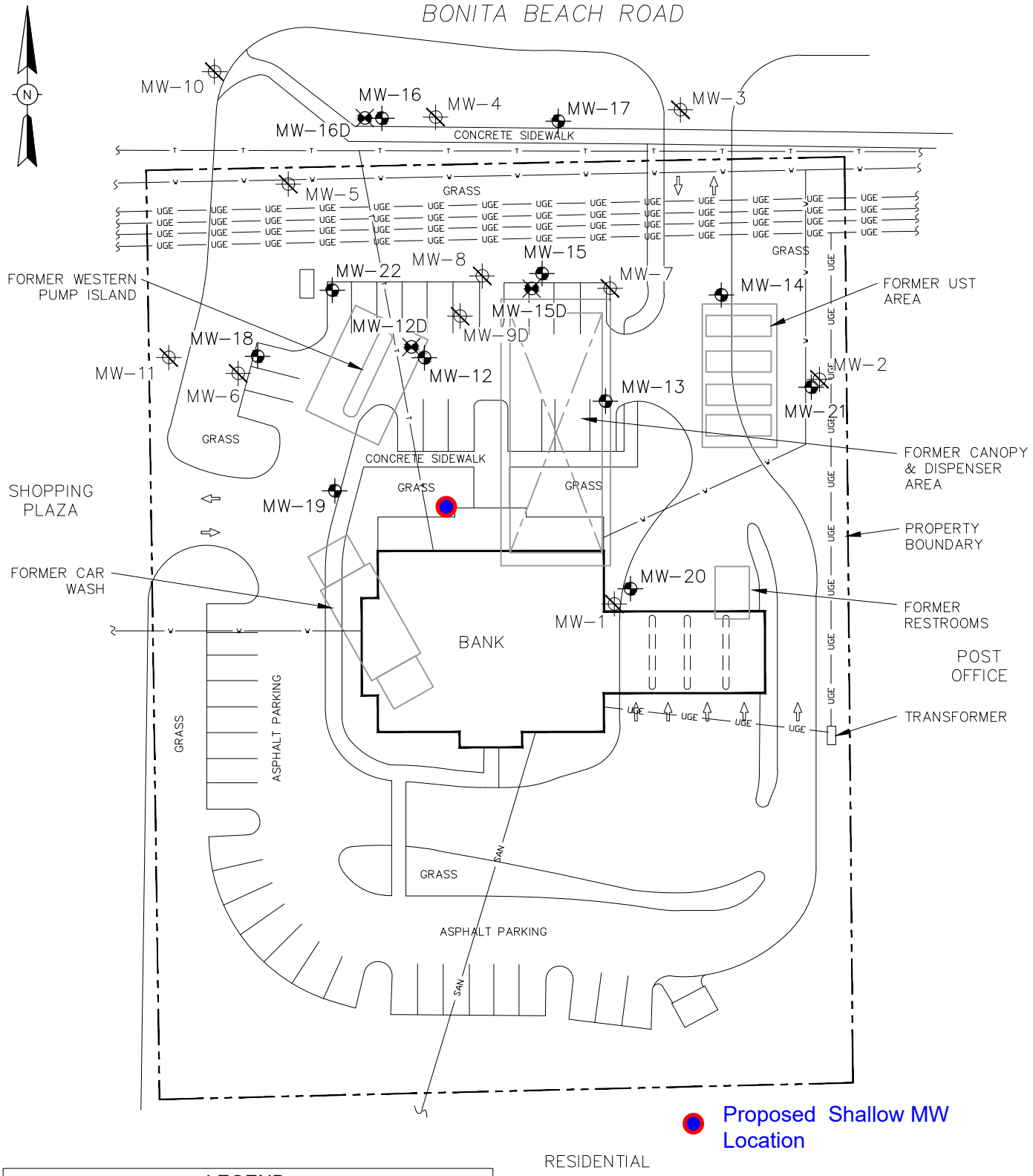
Invoicing, Payments and Financial Consequences
The Contractor may submit an invoice for a Task upon written notification of acceptance of the work/deliverables by the FDEP/LP Site Manager. Upon receipt of FDEP/LP written approval of the required documentation for completed portions of each task, the Contractor must submit an invoice within thirty (30) days. Invoices for completed work may be submitted at any time for fully completed and approved tasks, but no more frequently than every thirty (30) days, for approved partial tasks. Each invoice request must contain all documentation of performance as specified in the ATC, this Purchase Order (PO), and its attachments.

Failure to provide all deliverables which are satisfactory or failure to meet the specified deliverable timetables, shall result in non-payment, loss of retainage, or other financial consequences, and/or termination of the PO, as specified in the ATC. If the deliverable due day occurs on a weekend, state holiday, or federal holiday the deliverable will be due the following business day.

Retainage shall be withheld in the amount of 5%, unless otherwise noted in the SPI, from each payment by the FDEP/LP until completion and approval of all Tasks. The Contractor shall submit a Release of Claims and request for retainage payment with the final invoice. Payment of retainage will be reduced by the amount of any assessed financial consequences.

Notice of Field Activities
The Contractor must provide written notification (emails are acceptable) of field activities at least seven (7) calendar days prior to the commencement of work to all applicable parties including the PRP site manager, PRP Inspector (PRP_Inspector@dep.state.fl.us), site operator, site owner, RP and affected off-site property owners.

Deliverables
All deliverables under this Purchase Order must be electronic. Paper copies should not be submitted unless the deliverable requires a Professional Engineer (PE) or Professional Geologist (PG) signature and seal, and the electronic signature and seal does not meet the requirements in Chapters 61G15 or 61G16, Florida Administrative Code, as applicable.



LEGEND

- SHALLOW MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- DESTROYED MONITORING WELL LOCATION
- W — UNDERGROUND WATER / FIRE LINE
- T — UNDERGROUND TELECOMMUNICATION LINE
- UGE — UGE — UNDERGROUND ELECTRIC LINE
- SAN — UNDERGROUND ELECTRIC LINE

0 25 50

(SCALE IN FEET)

SITE PLAN

Former BP Bonita-Oleum Corp.
FDEP FAC. ID NO.: 36/8520618
9021 Bonita Beach Road, Bonita Springs, Florida

Earth Systems

Figure 1B

12/17 FIG1B

BONITA BEACH ROAD

2/1/2017 OVA = >1000 @ 1'–2' BLS	
B	***0.695***
T	0.072 U
E	***11.6***
X	***3.32***
M	0.072 U
N	***2.67***
1–M	1.88
2–M	3.62
TR	39.0
C–9–C–10	NA
C–5–C–8	NA
C–9–C–12	NA
B SPLP	***2.8***
E SPLP	***64.3 V***
X SPLP	16.7
N SPLP	2.6
1–M SPLP	1.6
2–M SPLP	1.3

7/28/2017 OVA = >1000 @ 2'–3' BLS	
B	***3.94***
T	0.322
E	***71.4***
X	***1.88***
M	0.057 U
N	***40.5***
1–M	***25.8***
2–M	***42.8***
TR	***553***
C–9–C–10	***441***
C–5–C–8	717
C–9–C–12	420
B SPLP	NA
E SPLP	NA
X SPLP	NA
N SPLP	***348***
1–M SPLP	***83.0***
2–M SPLP	***126***

2/1/2017		
	OVA = >1000 @ 1'–2' BLS	OVA = >1000 @ 3'–4' BLS
B	0.086 U	***5.29***
T	0.070 U	***1.06 I***
E	***1.15***	***101***
X	***0.515 I***	***111***
M	0.070 U	0.53 U
N	***1.91***	***54.5***
1–M	1.40	***33.3***
2–M	2.37	***70.2***
TR	35.5	***1300***
C–9–C–10	NA	***2210***
C–5–C–8	NA	***3290***
C–9–C–12	NA	***1980***
B SPLP	0.53 I	NA
E SPLP	8.9 V	NA
X SPLP	5.4	NA
N SPLP	***16.4***	***363***
1–M SPLP	5.2	***86.3***
2–M SPLP	7.1	***138***

7/28/2017 OVA = >1000 @ 2'–3' BLS	
B	***0.438***
T	0.114 I
E	***9.67***
X	***0.284 I***
M	0.055 U
N	***5.64***
1–M	***5.17***
2–M	***11.2***
TR	224
C–9–C–10	NA
C–5–C–8	NA
C–9–C–12	NA
B SPLP	0.62 I
E SPLP	***70.2***
X SPLP	***193***
N SPLP	***55.6***
1–M SPLP	23.9
2–M SPLP	***36.3***

2/1/2017		
	OVA = >1000 @ 1'–2' BLS	OVA = >1000 @ 3'–4' BLS
B	***2.54***	***1.36***
T	0.380	0.202 I
E	***43.7***	***22.1***
X	***52.8***	***25.8***
M	0.061 U	0.049 U
N	***19.2***	***13.5***
1–M	***12.9***	***8.93***
2–M	***26.4***	***17.6***
TR	***359***	241
C–9–C–10	***739***	NA
C–5–C–8	***973***	NA
C–9–C–12	743	NA
B SPLP	NA	NA
E SPLP	NA	NA
N SPLP	***182***	***39.5***
1–M SPLP	***51.1***	***37.9***
2–M SPLP	***78.8***	16.6

2/1/2017 OVA = 41.9 @ 2'–3' BLS	
B	0.0012 U
T	0.0010 U
E	0.0010 U
X	0.0021 U
M	0.0010 U
N	0.028 U
1–M	0.028 U
2–M	0.028 U
TR	5.31 I
C–9–C–10	NA
C–5–C–8	NA
C–9–C–12	NA
B SPLP	NA
E SPLP	NA
N SPLP	NA
1–M SPLP	NA
2–M SPLP	NA

7/28/2017 OVA = >1000 @ 1'–2' BLS	
B	***0.248 I***
T	0.149 I
E	***43.2***
X	***0.326 I***
M	0.066 U
N	***17.7***
1–M	***9.99***
2–M	***20.0***
TR	***507***
C–9–C–10	321
C–5–C–8	728
C–9–C–12	329
B SPLP	***2.7***
E SPLP	***171***
X SPLP	***24.1***
N SPLP	***189***
1–M SPLP	***53.1***
2–M SPLP	***77.2***

7/28/2017 OVA = >1000 @ 1'–2' BLS	
B	***0.852***
T	0.286
E	***13.2***
X	***0.295 I***
M	0.052 U
N	***15.1***
1–M	***9.63***
2–M	***18.9***
TR	274
C–9–C–10	NA
C–5–C–8	NA
C–9–C–12	NA
B SPLP	1.3
E SPLP	***36.7***
X SPLP	12.3
N SPLP	***139***
1–M SPLP	***37.9***
2–M SPLP	***58.8***

2/1/2017		
	OVA = >1000 @ 1'–2' BLS	OVA = >1000 @ 3'–4' BLS
B	***1.12***	***0.529***
T	0.0706 I	0.051 U
E	***22.8***	***11.2***
X	***0.410 I***	***0.287 I***
M	0.050 U	0.051 U
N	***17.9***	***20.0***
1–M	***12.5***	***11.6***
2–M	***26.4***	***25.3***
TR	***437***	323
C–9–C–10	***403***	NA
C–5–C–8	642	NA
C–9–C–12	492	NA
B SPLP	***5.5***	***4.2***
E SPLP	***91.2 V***	***85.7 V***
X SPLP	3.4	3.5
N SPLP	***248***	***179***
1–M SPLP	***78.1***	***52.7***
2–M SPLP	***115***	***78.7***

LEGEND

⊕	SHALLOW MONITORING WELL LOCATION
⊗	DEEP MONITORING WELL LOCATION
●	SOIL BORING LOCATION
OVA	ORGANIC VAPOR ANALYZER
ppm	PARTS PER MILLION
BLS	BELOW LAND SURFACE
B	BENZENE (mg/kg)
T	TOLUENE (mg/kg)
E	ETHYLBENZENE (mg/kg)
X	TOTAL XYLENES (mg/kg)
M	MTBE (mg/kg)
N	NAPHTHALENE (mg/kg)
1–M	1–METHYLNAPHTHALENE (mg/kg)
2–M	2–METHYLNAPHTHALENE (mg/kg)
TR	TRPH (mg/kg)
C–9–C–10	C–9–C10 AROMATICS
C–5–C–8	C–5–C8 ALIPHATICS
C–9–C–12	C–9–C12 ALIPHATICS
B SPLP	BENZENE SPLP
E SPLP	ETHYLBENZENE SPLP
X SPLP	TOTAL XYLENES SPLP
N SPLP	NAPHTHALENE SPLP
1–M SPLP	1–METHYLNAPHTHALENE SPLP
2–M SPLP	1–METHYLNAPHTHALENE SPLP
SPLP	SYNTHETIC PRECIPITATE LEACHING PROCEDURE (CONCENTRATION IN ug/L)
V	DETECTED IN SAMPLE AND METHOD BLANK
U	BELOW LAB DETECTION LIMIT
I	MDL < RESULTS < REPORTING LIMIT
BOLD	CONCENTRATIONS IN BOLD EXCEED LIMITS

MW–16D MW–16 MW–17 CONCRETE SIDEWALK GRASS GRASS SB–AB SB–U SB–A SB–B MW–15 SB–C SB–D SB–AD MW–14 MW–22 MW–15D SB–H SB–I MW–12D MW–12 SB–E SB–AC SB–F SB–G SB–AG SB–O MW–18 SB–AE SB–AF SB–L SB–M SB–K SB–N MW–21 SB–J SB–AH SB–Y MW–13 SB–S FORMER WESTERN PUMP ISLAND GRASS SB–AA SB–Q SB–R SB–P SB–Z SB–V SB–AJ CONCRETE SIDEWALK SHOPPING PLAZA GRASS GRASS SB–AK SB–AI SB–W FORMER UST AREA MW–19 ESTIMATED EXTENT OF EXCESSIVELY IMPACTED VADOSE ZONE SOIL (OVA READING >500 ppm) SB–X FORMER CANOPY & DISPENSER AREA MW–20 FORMER CAR WASH BANK FORMER RESTROOMS POST OFFICE ASPHALT PARKING TRANSFORMER SB–T PROPERTY BOUNDARY GRASS

Proposed Soil Borings (13)

N

0 15 30

(SCALE IN FEET)

SOIL SAMPLIMG RESULTS (FEBRUARY 1 & JULY 28, 2017)

Former BP Bonita–Oleum Corp.
FDEP FAC. ID NO.: 36/8520618
9021 Bonita Beach Road, Bonita Springs, Florida

Earth Systems Environmental Engineering

Figure 3B

12/17 FIG3B

Florida Department of Environmental Protection - Petroleum Restoration Program

FDEP Facility ID#: 368520618 **STCM Facility Name:** BP-Bonita-Oleum-Corp

Any blank fields are not applicable to the scope of work.

WATER SAMPLING TABLE

Task #	Well #(s) or Water Sample Location	Frequency (if applicable)	Expedited Turnaround (TA)	Water Level/FP Gauging Only (8-7.)	# MWs Sampled (8-1./8-2.)	(9-27.) BTEX + MTBE	(9-30.) PAHs	(9-36.) TRPH (FL-PRO)	(9-38.) Arsenic, Total	(9-39.) Cadmium, Total	(9-40.) Chromium, Total	(9-41.) Lead, Total	(9-55.) Priority Pollutant Volatile Organics (EPA							
1	MW-12, MW-14, and MW-20			3																
2	IDW		1-day TA			1			1	1	1	1								
2	MW-3R, 5R, 7R, 8R, 9DR, 11R, Plus New MW				7	7	7	7				7								
2	SPLP					13	13													
2	MW-12D, 13, 16, 16D, 17, 18, 19, 20, 21, & 22				10	10	10	10				10								
2	MW-12, 15, 14				3		3	3				3	3							
3	3 Contingency MWs, 7 New Replacement MWs (from Task 2)				10	10	10	10				10								
3	Contingency SPLPs					6	6													
Task 1 Subtotal				3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Task 2 Subtotal				0	20	31	33	20	1	1	1	21	3	0	0	0	0	0	0	0
Task 3 Subtotal				0	10	16	16	10	0	0	0	10	0	0	0	0	0	0	0	0
GRAND TOTALS				3	30	47	49	30	1	1	1	31	3	0	0	0	0	0	0	0

FDEP Facility ID#: 368520618 **STCM Facility Name:** BP-Bonita-Oleum-Corp

Any blank fields are not applicable to the scope of work.

SOIL and AIR SAMPLING TABLE

Task #	Soil /Air Sample Locations	Frequency (if applicable)	Expedited Turnaround (TA)	Depth Interval (if applicable)	(9-2.) BTEX + MTBE	(9-5.) PAHs	(9-8.) TRPH (FL-PRO)	(9-15.) TCLP-Extraction Only	(9-16.) SPLP-Extraction Only	(9-8.a.) TRPH Fractionation								(8-14.) Encore Sampler
2	IDW							1										
2	13 Hand Auger Borings			Vadose 2-3'	13	13	13		26	13								13
3	6 Contingency Hand Auger Borings			Vadose	6	6	6		12	6								6
Task 2 Subtotal					13	13	13	1	26	13	0	0	0	0	0	0	0	13
Task 3 Subtotal					6	6	6	0	12	6	0	0	0	0	0	0	0	6
GRAND TOTALS					19	19	19	1	38	19	0	0	0	0	0	0	0	19

FDEP Facility ID#: 368520618 **STCM Facility Name:** BP-Bonita-Oleum-Corp

Any blank fields are not applicable to the scope of work.

SOIL BORING (SB) and WELL INSTALLATION TABLE

SOIL BORING DETAILS					Screening/Split Spoon Intervals			WELL INSTALLATION DETAILS									
TASK #	Installation Method	Quantity	Depth (ft bls)	Total Boring Footage (ft)	Screening Depth Interval 1 & Spacing	Screening Depth Interval 2 & Spacing	Screening Depth Interval 3 & Spacing	Quantity	Well Type	Well Diameter (in)	Depth (ft bls)	Screen Interval (ft bls)	Total Well Footage (ft)	Surface Casing Diameter (in)	Surface Casing Depth (ft)	Total Casing Footage (ft)	Well Completion Type
2	Combo Rig	6	12	72				6	MW	2	12	2'-12'	72			0	8" MH
2	Combo Rig	1	25	25				1	IW	2	25	20'-25'	25	6	18	18	8" MH
2	Hand Auger	13	6	78	0-6'@1'								0			0	
3	HSA/MR	3	12	36				3	MW	2	12	2'-12'	36			0	8" MH
3	Hand Auger	6	6	36	0-6'@1'								0			0	
TOTALS				**247**									**133**			**18**	

Request for Change - Authorization for Change in Scope of Work

9-Digit Facility ID #: 368520618 **Ref #:** **PO #:**

Facility Name: BP-BONITA-OLEUM CORP **FDEP Cost Share %:** 100.00% **CO #:**

*For reimbursable pay items the cost listed is a "not to exceed" amount. Fees will be reimbursed for the pay item based on the actual invoice. Please note, the unit of measure for these items will be displayed as dollars for invoicing purposes. Please refer to the Scope of Work for additional description of these items.

Task	Deliverable Name	Previous Due Date	New Due Date	Change Order Subtotals
1				$ -
2				$ -
3				$ -
4				$ -
5				$ -
6				$ -
7				$ -
8				$ -
9				$ -
10				$ -
	Period of Service:			**$ -**
		Previous End Date	**New End Date**	**Total Authorized Cost** (FDEP Share: 100%)

Contractor Representative: _____ (Print Name) _____ (Signature) _____ (Date)

FDEP Site Manager: JAMES YURKOVICH (Print Name) _____ (Signature) _____ (Date)

Administrative Reviewer: _____ (Print Name) _____ (Signature) _____ (Date)

Technical Approval (optional)**:** _____

Cost Center Approval (optional)**:** _____

SITE 8 – 7-ELEVEN STORE #40327 / APEX STATION

Florida Geotechnical Engineering, Inc.

January 26, 2018

Jon Labie
Environmental Specialist
Florida Department of Environmental Protection – Team 6
2002 Old St. Augustine Road, Suite B-10
Tallahassee, FL 32311

Re: Modified Proposal
Apex Station
27990 Tamiami Trail
Bonita Springs, Lee County, FL
FDEP Number: 36/8840379
Purchase Order Number: AFD574

Dear Mr. Labie:

Florida Geotechnical Engineering, Inc. (FGE), is pleased to provide this Interim Deliverable for a Low Score Assessment (LSA) at the Apex Station facility in accordance with Purchase Order (PO) Number AFD574, in accordance with Chapter 62-780 F.A.C. This report provides tables and figures to present the collected data, and provides a copy of the field notes and analytical reports.

Background / File Review

The site is located at 27990 Tamiami Trail, in Bonita Springs, Lee County, Florida and is currently developed as an active Sunoco convenience store and gasoline retail station. The area immediately surrounding the facility is primarily commercial. Florida Department of Environmental Protection (FDEP) Bureau of Petroleum Storage Systems, Storage Tank/Contaminated Facility (STCM) database has two (2) Facility Identification Numbers (FAC ID#) for this location. FAC ID# 8840379, listed on the current purchase order, references Apex Station, while FAC ID# 8518113 references Sunoco #0611-6768. According to STCM files, Apex Station formally utilized four (4)10,000-gallon capacity underground storage tanks (USTs) that contained leaded and unleaded gasoline, and vehicular diesel fuel; installed in 1975 and removed from the site. The four (4) USTs listed under Apex Station (FAC ID# 8840379) are also listed with Sunoco Station #0611-6768 (FAC ID# 8518113), and an additional four (4)

10,000-gallon USTs containing unleaded gasoline that were installed in 1989, and removed from the site. Sunoco Station #0611-6768 lists the current USTs on site as two 20,000-gallon USTs storing unleaded gasoline and diesel fuel; and one 6,000-gallon UST storing unleaded gasoline. The current USTs were installed in January 2008. A site plan showing general site characteristics is provided as **Figure 1**. Based previous assessment reports, it appears the former USTs were located in the same location as the current USTs.

Evidence of petroleum impacted groundwater was first reported in a Discharge Notification Form (DNF) which was filed with the FDEP in February 1988. An unknown volume and product type was suspected to have originated from the USTs, based on the observation of free product in UST compliance wells. The discharge was determined to be eligible for state funding under the Early Detection Incentive (EDI) Program in April, 1988. A site score of 6 was assigned at that time. The site score was reevaluated in 2006, but remained a 6.

Preliminary assessment of the site was conducted by Ardaman & Associates (Ardaman) on behalf of the Apex Oil Company. A Preliminary Contamination Assessment Report (CAR) was submitted to the FDEP in February 1989. The CAR summarized the results of twenty- nine soil borings and the installation of four monitoring wells at locations north and east of the UST area. Facility upgrades, including the removal of the site's USTs installed in 1975 and installation of new USTs were subsequently completed in September 1989. An undetermined volume of groundwater was removed from the UST pit via a dewatering system, and reportedly approximately 1,700 tons of petroleum impacted soil were excavated and transported offsite for proper disposal.

A CAR, which summarized site assessment activities was submitted in June 1991. Based on the results of the CAR, a Remedial Action Plan (RAP) was submitted in April 1992, which proposed soil vapor extraction, and groundwater pump and treat technologies. The RAP was approved in May 1992 and implemented in June 1993. The remediation system operated intermittently until April 1995, at which time the remediation system was turned off when site rehabilitation activities were suspended due to Senate Bill 92-2 Laws of Florida.

A Site Assessment Report (SAR), detailing soil and groundwater assessment activities was conducted in May 2004. The results of the SAR concluded petroleum constituent concentrations in the soil samples collected during the assessment activities were below the Chapter 62-777 F.A.C. Soil Cleanup Target Levels (SCTLs). The SAR recommended natural attenuation monitoring (NAM) to address the dissolved phase petroleum hydrocarbon impacts.

A Supplemental Site Assessment (SSA) Report which summarized the results of additional soil and groundwater assessment activities was conducted at the site in 2006. The SSA Report concluded the horizontal extent of the dissolved phase petroleum hydrocarbon impacts was localized to the area of monitoring well MW-7. Adsorbed phase petroleum impacted vadose zone soils were not identified during these assessment activities. The SSA Report recommended development of a Limited Scope Remedial Action Plan (LSRAP) to address the dissolved phase petroleum impacts in the area of monitoring well MW-7.

Source removal of any petroleum impacted soil was conducted in conjunction with a UST system upgrade, performed by Sunoco, Inc. (R&M), in 2007. Approximately 200 tons of petroleum impacted soils were excavated and transported offsite for proper disposal. Soil sampling of the excavation side walls confirmed that petroleum impacted soils were not detected above the SCTLs. The results of the source removal activities were summarized in a Source Removal Report submitted in March 2008. Three replacement wells (MW-6R, MW-7R, and MW-12R) were installed in May 2008 following the source removal activities. Groundwater samples were collected from monitoring wells MW-6R, MW-7R, MW-12R, MW-9, MW-10R, and MW-11R. Petroleum constituent concentrations were not detected in excess of Chapter 62-777, FAC Groundwater Cleanup Target Levels (GCTLs) in any of the groundwater samples, except from monitoring well MW-7R. Several petroleum constituents were detected above the Chapter 62-777, FAC Natural Attenuation Default Concentrations (NADCs) in the groundwater sample collected from monitoring well MW-7R.

Two overpurge events utilizing monitoring well MW-7R in an effort to reduce the dissolved petroleum hydrocarbon concentrations to below the NADCs were conducted in 2009. However, the overpurge events had no effect in reducing the concentrations. Therefore, a LSRAP which proposed utilizing biosparging to address the residual impacts in the groundwater in the area of monitoring well MW-7R was submitted to FDEP. The LSRAP was approved on December 7, 2010, and the LSRAP was implemented in May 2011, with the startup of a leased biosparge system. The biosparge system operated until August 2012, at which time the petroleum hydrocarbon concentrations in the groundwater in monitoring well MW-7R were reduced below the NADCs and the site transitioned into Post Active Remediation Monitoring (PARM).

The FDEP issued a PARM Approval Order on September 14, 2012, which included quarterly monitoring of monitoring wells MW-7R, MW-13, MW-14 and MW-15. Additional overpurge events were conducted to assist with reducing the persistent concentrations in the groundwater in the area of monitoring well MW-7R. The overpurge events were conducted in July and August 2013, and all constituents of concern, except naphthalene, were reduced to below the GCTLs in the groundwater surrounding monitoring well MW-7R. Continued short term biosparging to

reduce the persistent naphthalene concentrations in monitoring well MW-7R to below the GCTL was approved in December 2013. Biosparging events were conducted April through November 2014 with coinciding groundwater monitoring events conducted in June, September, and December 2014.

The most recent groundwater sampling event was conducted on December 12, 2014. Groundwater samples were collected from MW-7R, MW-13, MW-14, and MW-15. Ethylbenzene and naphthalene were detected above the respective GCTLs in the groundwater sample collected from monitoring well MW-7R. Naphthalene was detected above the GCTL in the groundwater sample collected from monitoring well MW-14. No other petroleum constituents were detected above the GCTLs in the groundwater samples collected from MW-7R or MW-14. All other samples reported constituents below GCTLs. A request for LSSI closure was submitted to FDEP in March 2015. FDEP denied the request based on the detected concentrations at well MW-14, and requesting additional assessment to determine that the groundwater plume is within the property boundaries and not impacting the offsite property and/or the offsite retention pond.

Funding for a Limited Site Assessment (LSA) became available in 2016 under the Petroleum Restoration Program. The FDEP assigned Florida Geotechnical Engineering, Inc. (FGE) the LSA task under Purchase Order #AFD574. As per the signed FDEP access agreement by the property owner, FGE obtained a separate access agreement with the current property owner, Sunoco Retail, LLC.

FGE performed a site reconnaissance visit on February 23, 2017 and found previously installed wells MW-6R, MW-7R, MW-10R, MW-12R, MW-13, MW-14, and MW-15. Groundwater gauging results are provided in **Table 1**. Well MW-9 and MW-11R were not visible but FGE suspects the well pad is overgrown and can be located with a probing rod or metal detector. Previous assessment reports indicate both MW-9 and MW-11R were sampled in April 2011.

FGE submitted a Modified proposal on February 24, 2017 which proposed initial activities to investigate the area north of the gasoline USTs, in the area of the wells MW-7R and MW-14. Initial assessment activities included a soil boring program and well installations. Proposed soil boring and well locations were close to the northern property line. FGE recommended obtaining a professional land survey (PLS) to accurately identify the property lines. Following discussions with the FDEP case manager regarding the boring and well locations, and noted that it was several years since the last groundwater sampling event, the initial scope of work was amended to conduct a preliminary groundwater sampling round of the all remaining site wells to determine the current extent of dissolved phase plume and groundwater flow direction. Based on the

groundwater sampling data, the subsequent soil boring program and well installations would be modified accordingly.

FIELD ACTIVITIES

Groundwater Sampling

On March 23, 2017, FGE collected groundwater samples from existing monitoring wells, MW-6R, MW-7R, MW-10R, MW-11R, MW-12R, MW-13, MW-14, and MW-15. Well MW-9 could not be located using a metal detector. Groundwater samples were collected in accordance with the FDEP standard operating procedures. Following calibration of meters and collection of water levels, the monitoring wells were sampled using the prescribed methodologies in FDEP SOP 001-01. The wells were purged using low flow purging methods (less than 1.0 liter per minute) using a variable speed peristaltic pump. Following one well volume purge, stabilization parameters were measured for each monitoring well using a continuous flow-through monitoring cell. Stabilization measurements included temperature, specific conductance, pH, turbidity, and dissolved oxygen. The drawdown of the water table was also monitored continuously during purging. After groundwater stabilization, the samples were collected.

The groundwater samples were collected in the appropriate laboratory prepared containers, then placed into ice filled coolers and transported to the laboratory for analyses. Strict chain-of-custody of the samples was maintained at all times. All samples were analyzed at Pace Analytical Services, Inc. for volatile organic aromatics (EPA Method 8260), polynuclear aromatic hydrocarbons (EPA Method 8270) and total petroleum hydrocarbons (FL-PRO).

The results of the groundwater sampling indicated that none of the monitoring wells contained concentrations of contaminants that exceed GCTLs except MW-7R. The groundwater sample collected from monitoring well MW-7R reported a concentration of naphthalene that exceeded the applicable GCTL. The groundwater analytical data is presented on **Table 3** and illustrated on **Figure 3**. A copy of the Water Sampling Log forms and the field notes are provided in **Attachment A**. A copy of the laboratory report is provided in **Attachment B**. Laboratory results have also been transmitted electronically using the ADaPT Electronic Data Deliverables (EDD) program.

Following a review the groundwater sampling data, FDEP proposed the locations for nine (9) soil borings and the location for two (2) new permanent shallow monitoring wells.

On July 25, 2017, FGE completed a receptor survey of the surrounding area. The Receptor Survey & Exposure Pathway Identification Form and accompanying maps is provided in **Attachment C**.

Monitoring Well Installation

On July 25, 2017, FGE meet with JAEE Environmental Services, Inc. to conduct the soil boring program and install the proposed monitoring wells. Upon arrival, standing water was encountered in the grass area, over the location of the proposed soil borings. The entire area was saturated from recent heavy rains. Depth to water in wells MW-7R and MW-15, not under water, was measured at less than 0.5 feet below land surface (ft-bls). After discussions with the case manager, FGE and FDEP agreed to install the two (2) proposed monitoring wells and postpone the soil boring program, returning after the high water subsided.

The boreholes for the new monitoring wells, MW-16 and MW-17, were completed 12 ft-bls. During the completion of all soil borings, lithologic descriptions, moisture content, and odor was documented continuously to the total depth of each boring. Soil samples were generally collected 1 foot intervals for field screening to a total depth. The recovered soil samples were placed in 16-ounce jars, leaving approximately half of the jar as a headspace in which organic vapors could accumulate. The openings on the jars were sealed with aluminum foil and the headspace was allowed to equilibrate approximately five minutes before analysis. The samples were field screened using a OVA Photo-ionization Detector (PID). The OVA/PID was calibrated prior to use in accordance with manufacture specifications. The results of the soil screening are presented on **Table 1**.

Monitoring well MW-16 through MW-17 were installed using hollow stem augurs and each well was constructed using 10 feet of 2-inch diameter 0.010 inch slotted screen PVC well screen threaded to 2 feet of solid PVC riser. The annulus of each well was back-filled with a 20/30 grade silica sand filter pack installed through the augers to approximately 1.0 feet above the screen, followed by a 0.5 ft layer of 30/65 fine-grained sand seal. A PVC tremie pipe was used as a tamping device to prevent bridging of the filter pack and ensured the amount of filter pack sand was continuously tagged during placement. The well was then grouted to just below land surface and completed with a flush-mounted, steel protective manhole cover, locking well cap, and secured with a zip tie. All auger flights were decontaminated prior to use, and in between each well.

The field notes from the well installation program are provided in **Attachment A.** The wells were developed until the development water was free of fine sediment. The well construction and development was documented on the FDEP's Well Construction and Development Log

forms provided in **Attachment A**. Drill cuttings and well development water generated during the well installation program were placed into three (3) 55-gallon drums. Drums were transported by Clark Environmental on December 12, 2017 for deposal. Copies of the waste manifests are provided in **Attachment D**.

Soil Boring Installation and Soil Sampling

On December 6, 2017, FGE visited the site and met with JAEE Environmental, Inc. to install eleven (11) soil borings to 12ft-bls to investigate the soil quality in the northern portion of the site. During the completion of all soil borings, lithologic descriptions, moisture content, and odor was documented continuously to the total depth of each boring. Soil samples were generally collected 1 foot intervals for field screening to a total depth. The recovered soil samples were placed in 16-ounce jars, leaving approximately half of the jar as a headspace in which organic vapors could accumulate. The openings on the jars were sealed with aluminum foil and the headspace was allowed to equilibrate approximately five minutes before analysis. The samples were field screened using a OVA Photo-ionization Detector (PID). The OVA/PID was calibrated prior to use in accordance with manufacture specifications. The results of the soil screening are presented on **Table 1**.

As per the scope of work, up to six (6) soil samples were to be collected during the soil boring program. OVA/PID data was recorded prior to collecting soil samples for laboratory analysis. With the OVA/PID data forwarded to FDEP, FGE and FDEP agreed to collect soil samples from the following soil boring intervals: B-3 @ 1-2', B-3 @ 2-3', B-6 @2-3', and B-11 @ 2-3'. In total, four (4) soil samples were collected and analyzed at Pace Analytical Services, Inc. for volatile organic aromatics (EPA Method 8260), polynuclear aromatic hydrocarbons (EPA Method 8270) and total petroleum hydrocarbons (FL-PRO).

The results of the laboratory analyses indicated that none of the soil samples exceeded the FDEP Soil Cleanup Target Levels for any Contaminant of Concern tested. The analytical data is presented on **Table 2** and illustrated on **Figure 2**. The field notes from the soil boring program are provided in **Attachment A**. The laboratory analytical report has been included in **Attachment B**. Laboratory results have also been transmitted electronically using the ADaPT Electronic Data Deliverables (EDD) program.

Groundwater Sampling

On December 6, 2018, FGE collected groundwater samples from wells MW-16 and MW-17, installed in July 2017. FGE and FDEP further discussed the results of the soil data and possibly collecting additional groundwater samples as Task 2 had remaining groundwater sampling pay

items, not requiring a field change order. FGE and FDEP agreed to collected a groundwater sample from well MW-7R.

Groundwater samples were collected in accordance with the FDEP standard operating procedures. Following calibration of meters and collection of water levels, the monitoring wells were sampled using the prescribed methodologies in FDEP SOP 001-01. The wells were purged using low flow purging methods (less than 1.0 liter per minute) using a variable speed peristaltic pump. Following one well volume purge, stabilization parameters were measured for each monitoring well using a continuous flow-through monitoring cell. Stabilization measurements included temperature, specific conductance, pH, turbidity, and dissolved oxygen. The drawdown of the water table was also monitored continuously during purging. After groundwater stabilization, the samples were collected.

As per the scope of work, a grab water sample was collected from the pond. The sample location is depicted on **Figure 3**. The sample was obtained with a surface water sampling device; The collection device was submerged below surface, approximately three feet from the shore edge.

The results of the groundwater sampling reported concentrations of contaminants that exceed GCTLs at wells MW-7R and MW-16. The groundwater sample collected from monitoring well MW-7R reported concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene that exceeded the applicable GCTLs. The sample well MW-16 reported a concentration of naphthalene that exceeded the applicable GCTL. The pond sample did not report any that concentrations of contaminants that exceed GCTLs.

The groundwater analytical data is presented on **Table 3** and illustrated on **Figure 3**. A copy of the Water Sampling Log forms and the field notes are provided in **Attachment A**. A copy of the laboratory report is provided in **Attachment B**. Laboratory results have also been transmitted electronically using the ADaPT Electronic Data Deliverables (EDD) program.

Water Level Data Collection

On December 6, 2017, water level measurements were collected from monitoring site wells. The depth to water ranged between 2.97 feet below top of casing (ft-btoc) and 4.40 ft-btoc. The groundwater elevation data is provided in **Table 4** and shown on **Figure 4**. Groundwater flow was reported generally to the west.

Conclusions and Recommendations

A soil boring program was performed at the site where twelve (12) soil borings were completed and four (4) soil samples were collected for laboratory analysis. The soil analytical data from samples reported all concentrations of Contaminates of Concern were below the FDEP Soil Cleanup Target Levels (SCTLs), with concentrations reported below the laboratory method detection limits.

A monitoring well installation program and groundwater sampling program were performed to delineate the extent of the dissolved phase plume at the Apex Station. Results of the groundwater sampling reports limited residual dissolved phase impact in the north portion of the site, in the vicinity of well MW-7R.

Based on the results of the field activities, FGE recommends the preparation of the Template Site Assessment Report (TSAR) under Task 3 with the current data available in lieu of additional assessment.

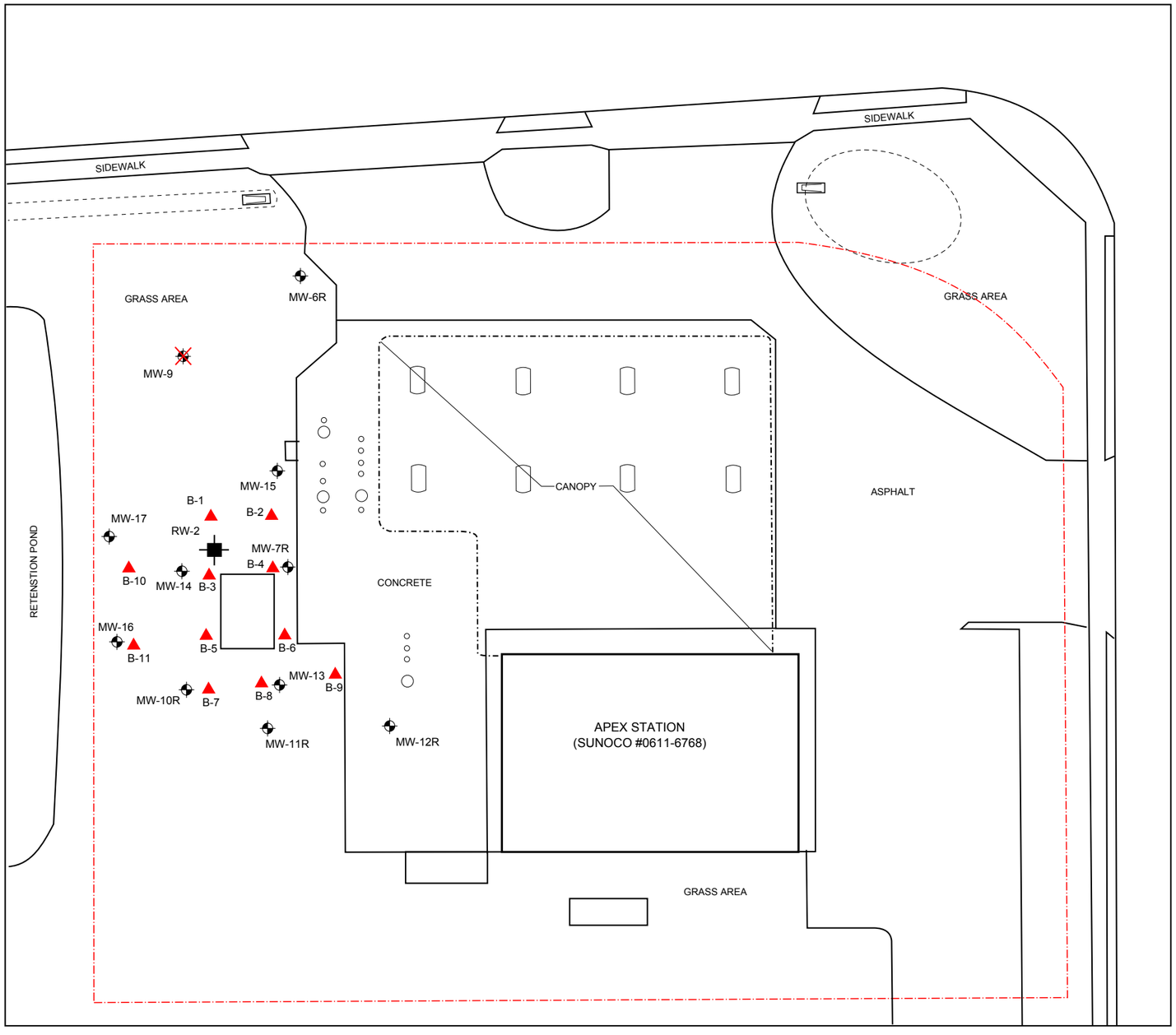
FGE appreciates the opportunity to provide our services to the FDEP on this project. Please contact me at (813) 248-4720 or at tfoster@flgeotech.com if you have any questions or comments regarding this submittal.

Sincerely,

FLORIDA GEOTECHNICAL ENGINEERING, INC.

Timothy Foster
Project Manager

Figures



LEGEND

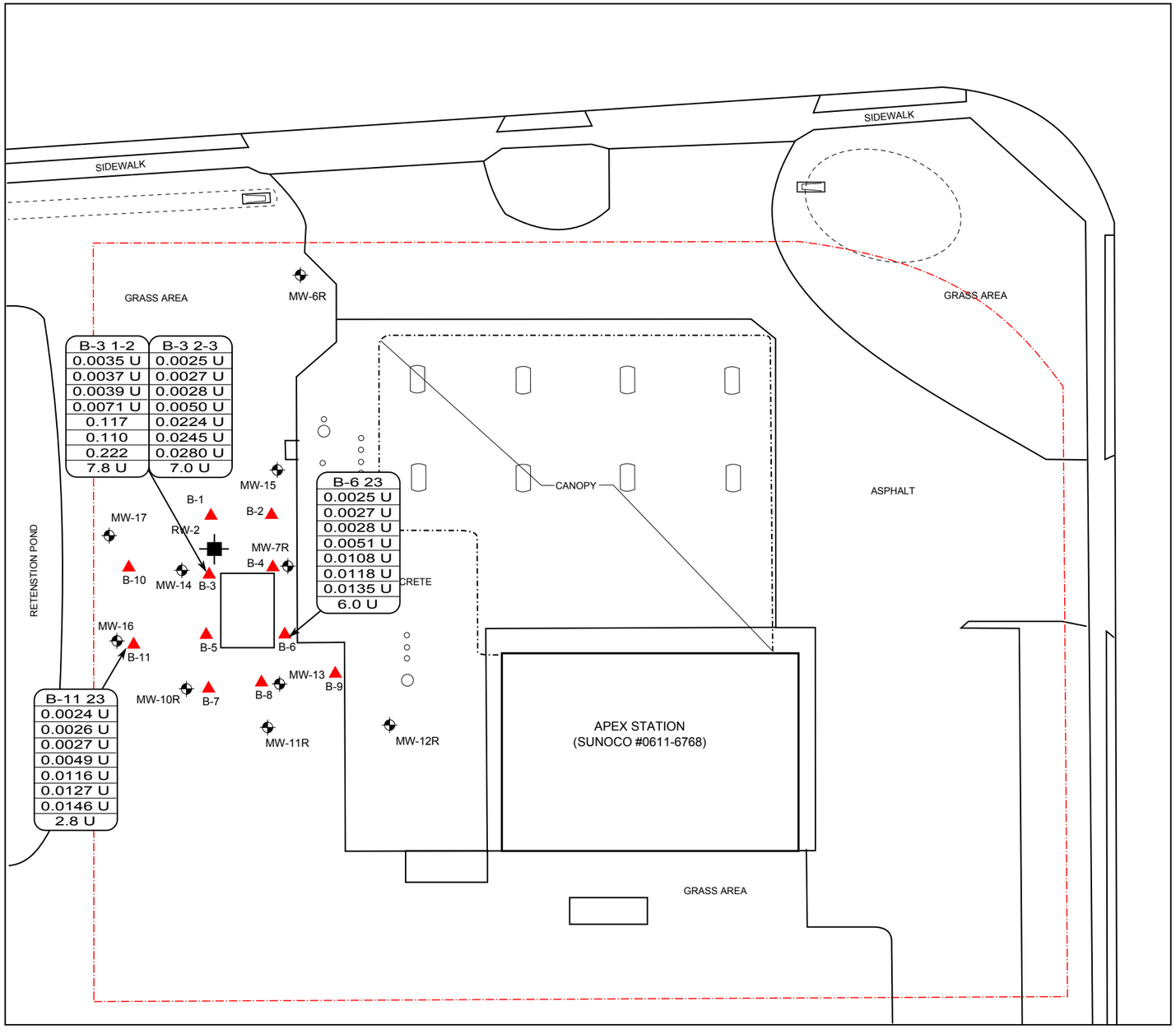
- EXISTING MONITORING WELL
- EXISTING RECOVERY WELL
- ABANDONED / DESTROYED MONITORING WELL
- B-1 SOIL BORING

N

0 40

APPROXIMATE SCALE (FEET)

FIGURE 1
SITE PLAN
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016



LEGEND

- EXISTING MONITORING WELL
- EXISTING RECOVERY WELL
- ABANDONED / DESTROYED MONITORING WELL
- B-1 SOIL BORING

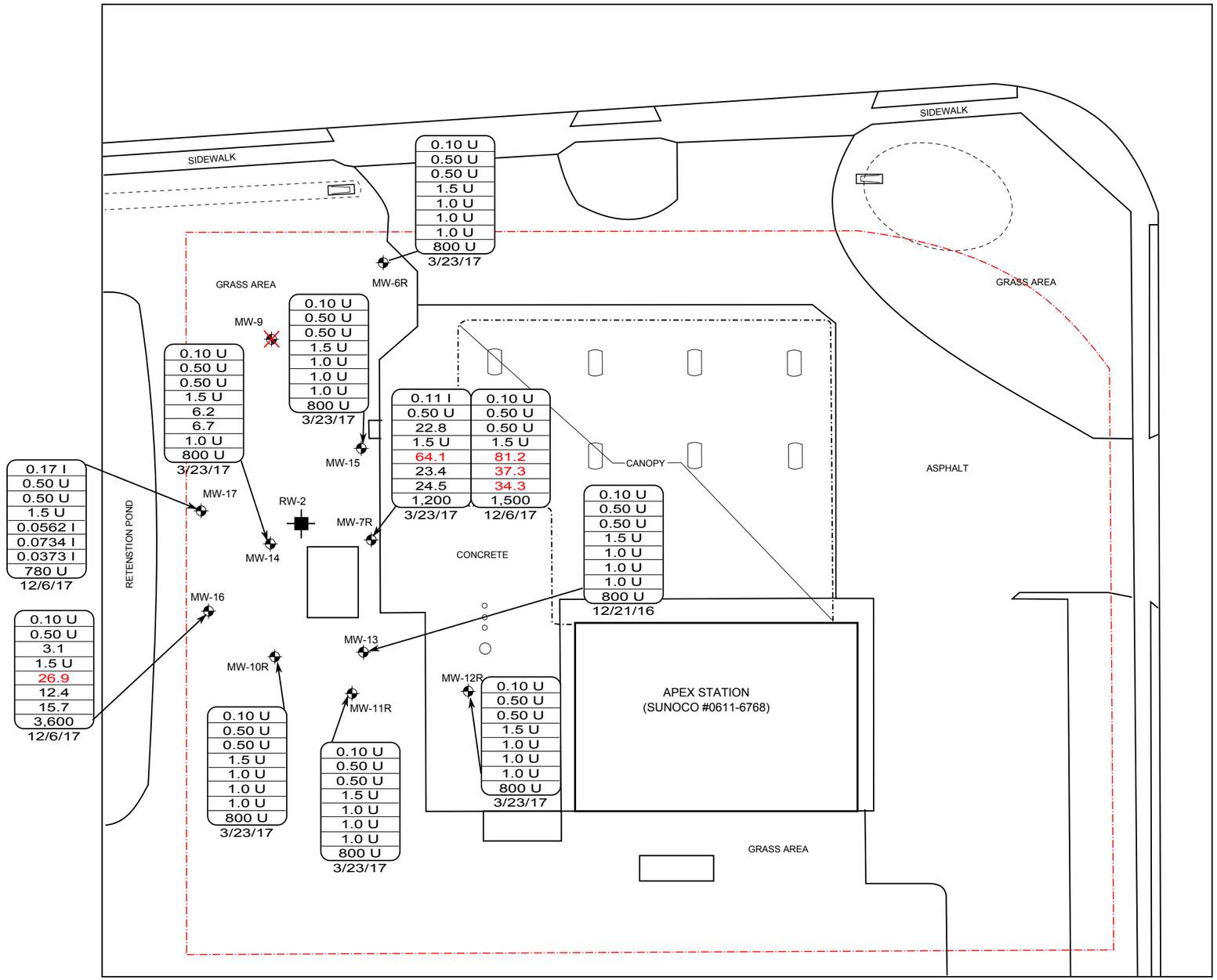
B-3 1-2	Sample Location / Depth (ft)
0.0027 U	Benzene - mg/kg
0.0030 U	Ethylbenzene - mg/kg
0.0028 U	Toluene - mg/kg
0.0054 U	Total Xylenes - mg/kg
0.0230 U	Naphthalene - mg/kg
0.0252 U	1-Methylnaphthalene - mg/kg
0.0289 U	2-Methylnaphthalene - mg/kg
4.5 U	TRPH - mg/kg

mg/kg - Milligrams per Kilogram
U - Compound Analyzed but Not Detected
I - Value between Laboratory Method Detection Limit and Practical Quantitation Limit
Red font indicates concentration above CTLs

N

0 40
APPROXIMATE SCALE (FEET)

FIGURE 2
SOIL ANALYTICAL DATA
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016



LEGEND

- EXISTING MONITORING WELL
- EXISTING RECOVERY WELL
- ABANDONED / DESTROYED MONITORING WELL

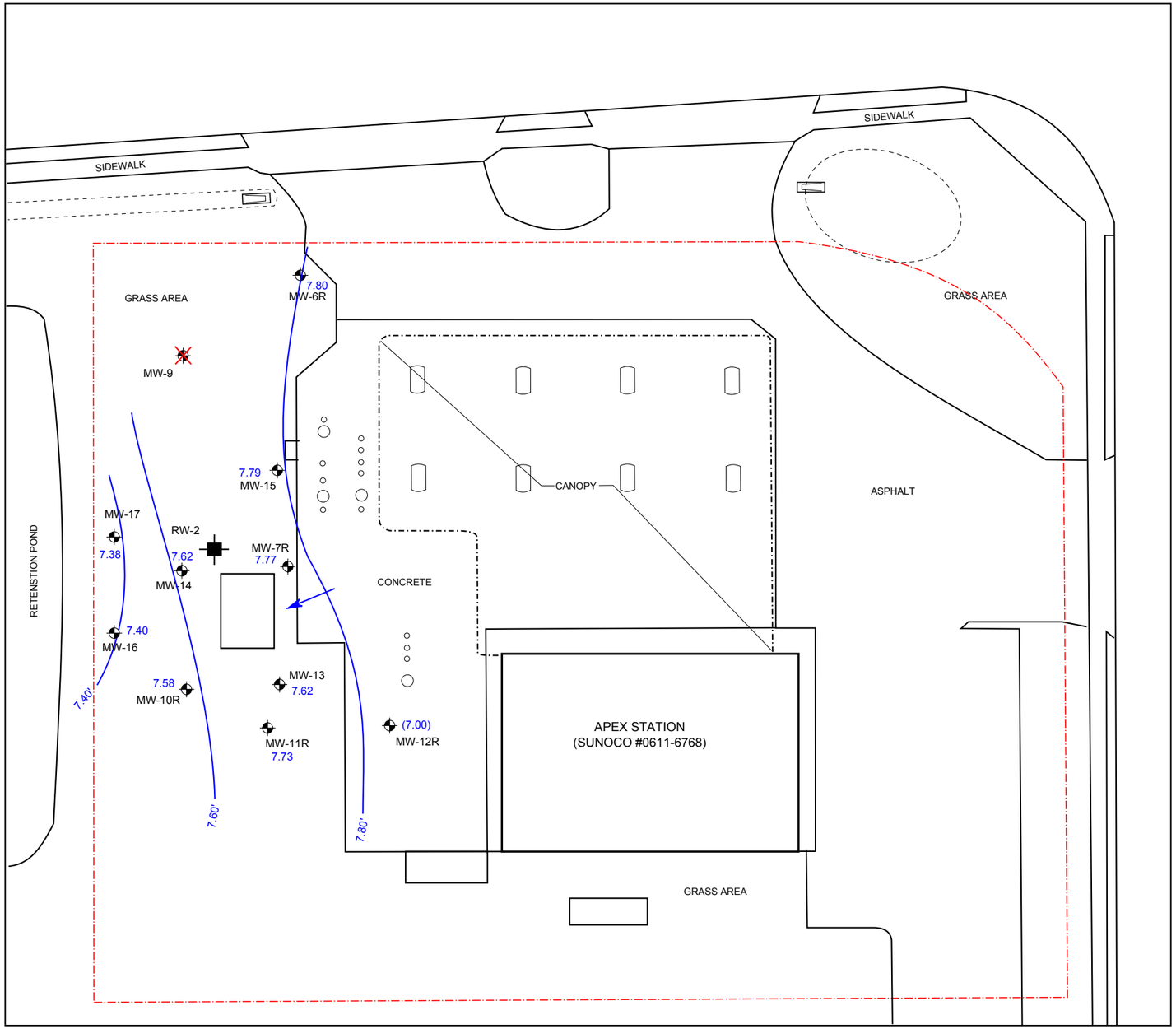
0.17 I	Benzene - ug/L
0.50 U	Toluene - ug/L
0.50 U	Ethylbenzene - ug/L
1.5 U	Total Xylenes - ug/L
1.0 U	Naphthalene - ug/L
1.0 U	1-Methylnaphthalene - ug/L
1.0 U	2-Methylnaphthalene - ug/L
800 U	TRPH - ug/L
12/21/16	Sample Date

ug/L - Mcrograms per Liter
U - Compound Analyzed but Not Detected
I - Value between Laboratory Method Detection Limit and Practical Quantitation Limit
Red font indicates concentration above CTLs

N

0 40
APPROXIMATE SCALE
(FEET)

FIGURE 3
GROUNDWATER ANALYTICAL DATA
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016



LEGEND

- EXISTING MONITORING WELL
- EXISTING RECOVERY WELL
- ABANDONED / DESTROYED MONITORING WELL

N

0 40

APPROXIMATE SCALE (FEET)

FIGURE 4
GROUNDWATER ELEVATION DATA - DECEMBER 6, 2017
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016

Tables

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

Boring #	Date	Depth (ft)	Net Reading (ppm)	Comments
MW-16	7/25/17	1	0.0	
		2	0.0	
		3	42.1	
		4	173.0	
		6	864	
		8	94.3	
		10	16.1	
		12	1.4	
MW-17	7/25/17	1	0.0	
		2	0.0	
		3	0.0	
		4	1.3	
		6	23.4	
		8	1.6	
		10	6.3	
		12	0.4	
B-1	12/6/17	1	1.0	
		2	0.7	
		3	0.1	
		4	0.6	
		6	677	
		8	33.0	
		10	49.0	
		12	9.3	
B-2	12/6/17	1	103.0	
		2	10.0	
		3	0.0	
		4	0.5	
		6	0.6	
		8	0.4	
		10	2.0	
		12	8.1	
B-3	12/6/17	1	3.0	
		2	37.1	Sample "B-3 1-2"
		3	262	Sample "B-3 2-3"
		4	1,333	
		6	3,240	
		8	150	
		10	168	
		12	9.1	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

B-4	12/6/17	1	3.0	
		2	2.0	
		3	2.0	
		4	2.6	
		6	3.1	
		8	18.1	
		10	34.0	
		12	15.0	
B-5	12/6/17	1	na	
		2	0.4	
		3	1.4	
		4	1,501	
		6	362	
		8	196	
		10	309	
		12	16.3	
B-6	12/6/17	1	44.0	
		2	2.2	
		3	33.0	Sample "B-6 2-3"
		4	268	
		6	3,285	
		8	113	
		10	845	
		12	21.2	
B-7	12/6/17	1	0.0	
		2	0.0	
		3	0.0	
		4	0.0	
		6	0.0	
		8	0.0	
		10	0.0	
		12	0.0	
B-8	12/6/17	1	0.0	
		2	0.0	
		3	0.0	
		4	0.0	
		6	0.0	
		8	0.0	
		10	0.0	
		12	0.0	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

B-9	12/6/17	1	0.0	
		2	0.0	
		3	0.0	
		4	0.0	
		6	0.3	
		8	1.8	
		10	0.5	
		12	0.0	
B-10	12/6/17	1	0.0	
		2	1.1	
		3	0.0	
		4	13.0	
		6	67.0	
		8	19.0	
		10	41.0	
		12	5.0	
B-11	12/6/17	1	0.0	
		2	0.4	
		3	38.0	Sample :B-11 2-3:
		4	1,841	
		6	861	
		8	75.6	
		10	54.3	
		12	20.1	

TABLE 2: SOIL ANALYTICAL SUMMARY - VOAs, TRPHs and Metals

Facility ID#: 36/8840379 **Facility Name: Apex Station**

See notes at end of table.

Sample				OVA	Laboratory Analyses										
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzene (mg/kg)	Ethyl-benzene (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TRPHs (mg/kg)	Arsenic (mg/kg)	Cad-mium (mg/kg)	Chro-mium (mg/kg)	Lead (mg/kg)	Comments
B-3	12/6/2017	~3.0	1-2	37	0.0035 U	0.0039 U	0.0037 U	0.0071 U	0.0034 U	7.8 U	NS	NS	NS	NS	
B-3	12/6/2017	~3.0	2-3	262	0.0025 U	0.0028 U	0.0027 U	0.0050 U	0.0025 U	7.0 U	NS	NS	NS	NS	
B-6	12/6/2017	~3.0	2-3	33	0.0025 U	0.0028 U	0.0027 U	0.0051 U	0.0025 U	6.0 U	NS	NS	NS	NS	
B-11	12/6/2017	~3.0	2-3	38	0.0024 U	0.0027 U	0.0026 U	0.0049 U	0.0024 U	2.8 U	NS	NS	NS	NS	
Leachability Based on Groundwater Criteria (mg/kg)					0.007	0.6	0.5	0.2	0.09	340	*	7.5	38	*	
Direct Exposure Residential (mg/kg)					1.2	1,500	7,500	130	4,400	460	2.1	82	210	400	

Notes: NA = Not Available.

NS = Not Sampled.

* = Leachability value may be determined using TCLP.

TABLE 2: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample				OVA	Laboratory Analyses											
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Naph-thalene (mg/kg)	1-Methyl-naph-thalene (mg/kg)	2-Methyl-naph-thalene (mg/kg)	Acen-aph-thene (mg/kg)	Acen-aph-thylene (mg/kg)	Anthra-cene (mg/kg)	Benzo (g,h,i) pery-lene (mg/kg)	Fluoran-thene (mg/kg)	Fluor-ene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)	Comments
B-3	12/6/2017	~3.0	1-2	37	0.117	0.110	0.222	0.0300 U	0.0255 U	0.0250 U	0.0295 U	0.0268 U	0.0369 U	0.0310 U	0.0413 U	
B-3	12/6/2017	~3.0	2-3	262	0.0224 U	0.0245 U	0.0280 U	0.0253 U	0.0215 U	0.0211 U	0.0249 U	0.0226 U	0.0311 U	0.0261 U	0.0348 U	
B-6	12/6/2017	~3.0	2-3	33	0.00108 U	0.0118 U	0.0135 U	0.0122 U	0.0104 U	0.0102 U	0.0120 U	0.0109 U	0.0150 U	0.0126 U	0.0168 U	
B-11	12/6/2017	~3.0	2-3	38	0.0116 U	0.0127 U	0.0146 U	0.0132 U	0.0112 U	0.0110 U	0.0130 U	0.0118 U	0.0612 U	0.0136 U	0.0181 U	
Leachability Based on Groundwater Criteria (mg/kg)					1.2	3.1	8.5	2.1	27	2,500	32,000	1,200	160	250	880	
Direct Exposure Residential (mg/kg)					55	200	210	2,400	1,800	21,000	2,500	3,200	2,600	2,200	2,400	

Notes: NA = Not Available.
NS = Not Sampled.

TABLE 2: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample				OVA	Laboratory Analyses								
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzo (a) pyrene (mg/kg)	Benzo (a) anthra-cene (mg/kg)	Benzo (b) fluoran-thene (mg/kg)	Benzo (k) fluoran-thene (mg/kg)	Chry-sene (mg/kg)	Dibenz (a,h) anthra-cene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Benzo (a) pyrene equivalent (mg/kg)	Comments
B-3	12/6/2017	~3.0	1-2	37	0.0096 U	0.0237 U	0.0617 U	0.0117 U	0.0292 U	0.0413 U	0.0413 U	NA	
B-3	12/6/2017	~3.0	2-3	262	0.0081 U	0.0200 U	0.0520 U	0.0149 U	0.0247 U	0.0348 U	0.0348 U	NA	
B-6	12/6/2017	~3.0	2-3	33	0.0039 U	0.0097 U	0.0251 U	0.0072 U	0.0119 U	0.0168 U	0.0168 U	NA	
B-11	12/6/2017	~3.0	2-3	38	0.0042 U	0.0104 U	0.0271 U	0.0078 U	0.0128 U	0.0181 U	0.0181 U	NA	
Leachability Based on Groundwater Criteria (mg/kg)					8	0.8	2.4	24	77	0.7	6.6	**	
Direct Exposure Residential (mg/kg)					0.1	#	#	#	#	#	#	0.1	

Notes: NA = Not Available.
NS = Not Sampled.
** = Leachability value not applicable.
# = Direct Exposure value not applicable except as part of the Benzo(a)pyrene equivalent.

If analyte is not detected, report the method detection limit [i.e., 0.01 U or ND(0.01); BDL or <0.01 are not acceptable].

TABLE 3: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total VOAs	MTBE	TRPHs	Naph-thalene	1-Methyl-naph-thalene	2-Methyl-naph-thalene
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-6R	8/16/2010	0.19U	0.2U	0.18U	0.49U	1.06U	0.2U	NS	0.16	0.036U	0.036U
	4/22/2011	0.19U	0.2U	0.18U	0.49U	1.06U	0.2U	NS	0.11i	0.036U	0.036U
	3/23/2017	0.10U	0.50U	0.50U	1.5U	2.6U	0.50U	800U	1.0U	1.0U	1.0U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7R	9/16/2014	0.33U	1.1i	**32**	2.4i	35.5i	0.37U	NS	**69**	**29**	7.2
	12/12/2014	0.33U	0.84i	**71**	5.2	77.04i	0.37U	NS	**24**	12	0.35
	3/23/2017	0.11i	0.50U	20.4	1.5U	20.51	0.50U	1,200	**64.1**	23.4	24.5
	12/6/2017	0.10 U	0.50 U	22.8	1.5 U	22.80	0.50 U	1,500	**81.2**	**37.3**	**34.3**
MW-10R	8/16/2010	0.19U	0.2U	0.18U	0.49U	1.06U	0.2U	NS	0.036U	0.036U	0.036U
	4/22/2011	0.19U	0.2U	0.1U	0.49U	1.06U	0.43i	NS	0.094i	0.036U	0.0036U
	3/23/2017	0.10U	0.50U	0.50U	1.5U	2.6U	0.50U	800U	1.0U	1.0U	1.0U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11R	8/16/2010	0.19U	0.2U	0.18U	0.49U	1.06U	0.2U	NS	0.036U	0.036U	0.036U
	4/22/2011	0.19U	0.2U	0.18U	0.49U	1.06U	0.2U	NS	0.12i	0.036U	0.036U
	3/23/2017	0.10U	0.50U	0.50U	1.5U	2.6U	0.50U	800U	1.0U	1.0U	1.0U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12R	8/16/2010	0.19U	0.2U	0.18U	0.49U	1.06U	0.2U	NS	0.036U	0.036U	0.036U
	4/22/2011	0.19U	0.2U	0.18U	0.49U	1.06U	0.2U	NS	0.036U	0.036U	0.036U
	3/23/2017	0.10U	0.50U	0.50U	1.5U	2.6U	0.50U	800U	1.0U	1.0U	1.0U
		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	9/16/2014	0.33U	0.78U	0.38U	1.1U	2.59U	0.37U	NS	0.022i	0.0082U	0.0090U
	12/12/2014	0.33U	0.78U	0.38U	1.1U	2.59U	0.037U	NS	0.052i	0.019U	0.016U
	3/23/2017	0.10U	0.50U	0.50U	0.50U	2.6U	0.50U	800U	1.0U	1.0U	1.0U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14	9/16/2014	0.33U	0.78U	0.38U	1.1U	2.59U	0.37U	NS	2.9	1.2	0.085i
	12/12/2014	0.33U	0.78U	15	1.1U	15	0.37U	NS	**21**	2.3	0.016U
	3/23/2017	0.10U	0.50U	0.58i	1.5U	0.58i	0.50U	800U	6.2	6.7	1.0U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15	9/16/2014	0.33U	0.78U	0.38U	1.1U	2.59U	0.37U	NS	0.095i	0.12i	0.037i
	12/12/2014	0.33U	0.78U	0.38U	1.1U	2.59U	0.37U	NS	0.054i	0.13i	0.016U
	3/23/2017	0.10U	0.50U	0.50U	1.5U	2.6U	0.50U	800U	1.0U	1.0U	1.0U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-16	12/6/2017	0.10 U	0.50 U	3.1	1.5 U	3.1	0.50 U	3,600	**26.9**	12.4	15.7
MW-17	12/6/2017	0.10 U	0.50 U	0.50 U	1.5 U	ND	0.50 U	780 U	0.0562 I	0.0267 I	0.0373 I
Pond	12/6/2017	0.10 U	0.50 U	0.50 U	1.5 U	ND	0.50 U	760 U	0.173 I	0.0734 I	0.0805 I
GCTLs		1**	40**	30**	20**	NA	20	5,000	14	28	28
NADCs		100	400	300	200	NA	200	50,000	140	280	280
FSW		71.28	480	610	370	NA	34,000	5,000	26	95	30

Notes: NA = Not Available.

NS = Not Sampled.

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

FSW = Freshwater Surface Water Criteria

** = As provided in Chapter 62-550, F.A.C.

TABLE 4: GROUNDWATER ELEVATION DATA

Facility Name: Apex Station | **Facility ID#: 36/8840379** | **NM = No Measurement** | **NI = Not Installed**

Facility Address: 27990 Tamiami Trail, Bonita Springs, Lee County | **CNL = Could Not Locate** | **All Measurements = Feet**

WELL NO.	MW-6R			MW-7R			MW-10R			MW-11R		
DIAMETER	2"			2"			2"			2"		
WELL DEPTH	12.00			12.00			12.00			12.00		
SCREEN INTERVAL	2 - 12			2 - 12			2 - 12			2 - 12		
TOC ELEVATION	11.63			11.67			10.61			11.41		
DATE	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
08/16/10	8.44	3.19		8.30	3.37		7.72	2.89		8.33	3.08	
04/22/11	7.23	4.40		6.98	4.69		5.98	4.63		6.61	4.80	
09/16/14		NM		8.20	3.47			NM			NM	
12/12/14		NM		7.86	3.81		7.69	2.92			NM	
03/23/17	6.76	4.87		6.73	4.94		6.63	3.98		6.72	4.69	
12/06/17	7.80	3.83		7.77	3.90		7.58	3.03		7.73	3.68	

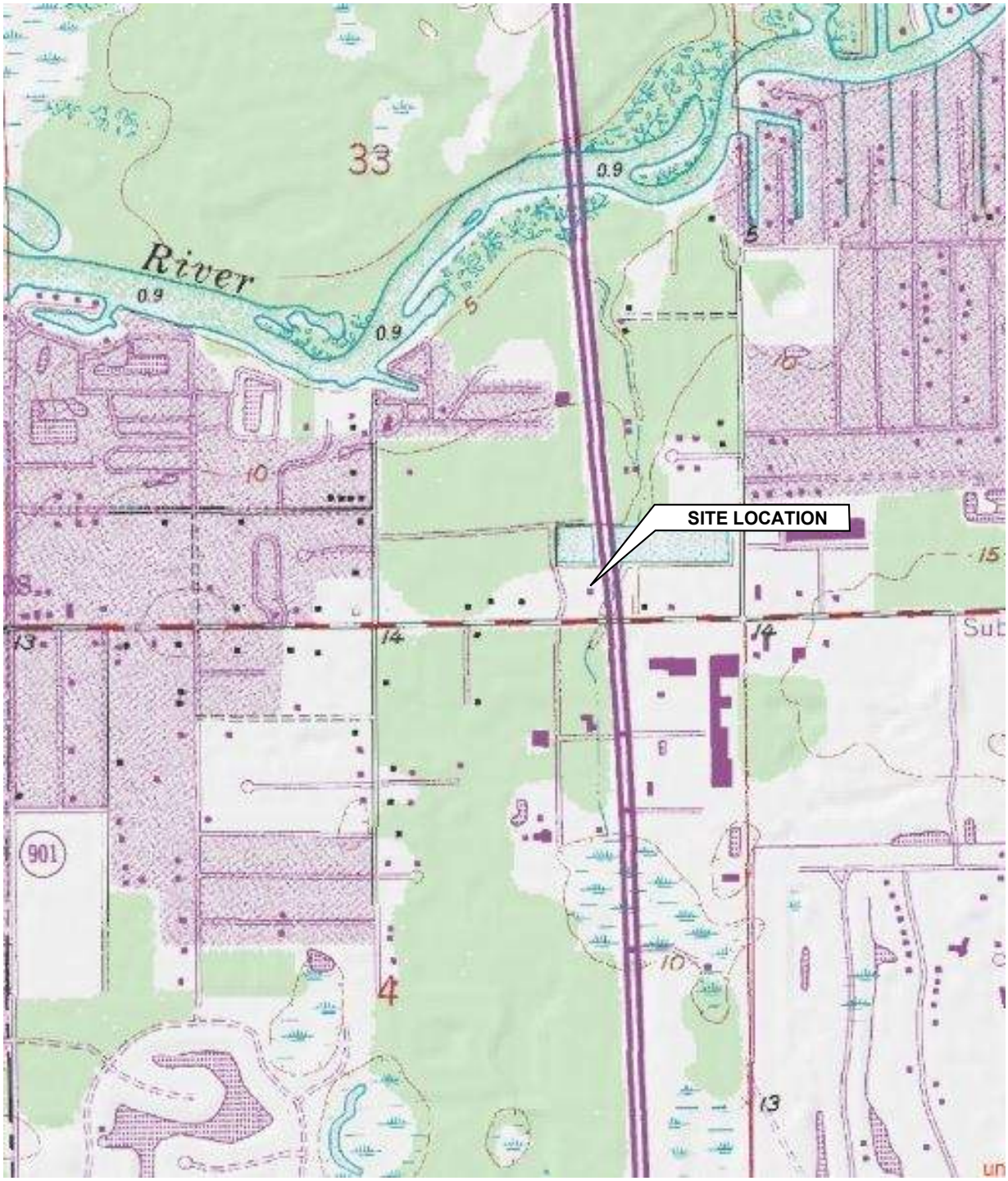
WELL NO.	MW-12R			MW-13			MW-14			MW-15		
DIAMETER	2"			2"			2"			2"		
WELL DEPTH	12.00			12.00			12.00			12.00		
SCREEN INTERVAL	2 - 12			2 - 12			2 - 12			2 - 12		
TOC ELEVATION	11.40			11.78			10.59			11.54		
DATE	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
08/16/10	7.86	3.54		8.22	3.56		8.15	2.44		8.46	3.08	
04/22/11	6.13	5.27		6.50	5.28		6.87	3.72		7.23	4.31	
09/16/14		NM		8.02	3.76		7.94	2.65		8.25	3.29	
12/12/14	7.20	4.20		7.70	4.08		7.72	2.87		7.84	3.70	
03/23/17	6.05	5.35		6.73	5.05		6.68	3.91		6.75	4.79	
12/06/17	7.00	4.40		7.62	4.16		7.62	2.97		7.79	3.75	

TABLE 4: GROUNDWATER ELEVATION DATA

Facility Name: Apex Station | **Facility ID#: 36/8840379** | **NM = No Measurement** | **NI = Not Installed**

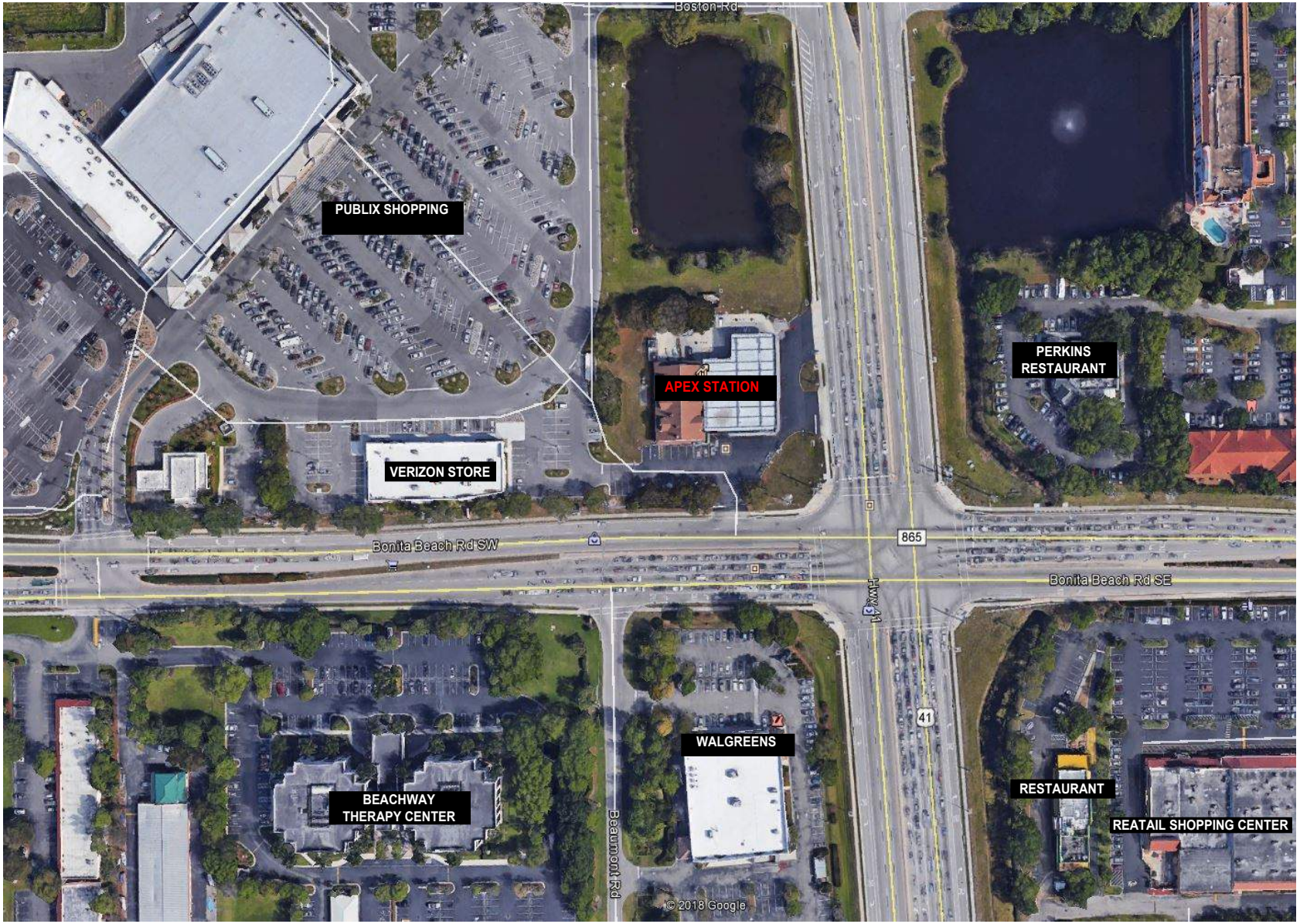
Facility Address: 27990 Tamiami Trail, Bonita Springs, Lee County | **CNL = Could Not Locate** | **All Measurements = Feet**

WELL NO.	MW-16			MW-17								
DIAMETER	2"			2"								
WELL DEPTH	12.00			12.00								
SCREEN INTERVAL	2 - 12			2 - 12								
TOC ELEVATION	10.56			10.55								
DATE	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
08/16/10												
04/22/11												
09/16/14												
12/12/14												
03/23/17												
12/06/17	7.40	3.16		7.38	3.17							



USGS TOPOGRAPHIC MAP
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FL
Source: USGS 7.5 MINUTE QUADRANGLE MAP, BONITA SRINGS, FL 1984

FGE
Florida Geotechnical Engineering, Inc.



SITE VICINITY MAP
APEX STATIONS FAC ID#36/8840379
27790 TIMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FL
Source: Google Earth 2016.

FGE
Florida Geotechnical Engineering, Inc.

TEMPLATE SITE ASSESSMENT REPORT

[Signature Page]

DATE: September 13, 2018

PO#/TA#/WO#: AFD574

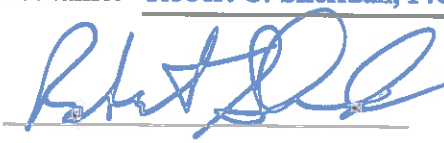
Site FDEP Facility ID #	8840379 Score: 6
Site Name:	Apex Station
Address:	27990 Tamiami Trail
City:	Bonita Springs
County:	Lee
Consultant Company:	Florida Geotechnical Engineering, Inc
Address:	P.O. Box 76006
City, State, Zip	Tampa, FL 33675
Consultant Rep.:	Robert Sheridan, P.G.
Phone #:	813-248-4720
Responsible Party Name:	7-Eleven Inc.
Address:	3200 Hackberry Road
City, State, Zip:	Irving, TX 75063
Responsible Party Rep.:	Jose Rios
Phone #:	(972) 828-6592

CERTIFICATION:

Qualified Registered Professional Engineer or Registered Professional Geologist Certification.

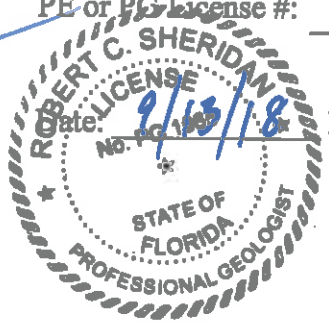
I hereby certify that I have supervised the field work (as summarized in the "Recent Site Assessment Activities" section) and preparation of this report, in accordance with Florida Rules and Regulations. As a registered professional geologist and/or professional engineer, as authorized by Chapters 492 or 471, Florida Statutes, I certify that I am a qualified groundwater professional, with knowledge and experience in groundwater contamination assessment and cleanup. To the best of my knowledge, the information and laboratory data summarized in the "Recent Site Assessment Activities" section (including the applicable attachments) are true, accurate, complete, and in accordance with applicable State Rules and Regulations. ***Include a hard (paper) copy of this cover page, signed and sealed, when submitting the report electronically.***

Consultant Name: Robert C. Sheridan, P.G.

Signature: 

PE or PG License #: PG001965

Date: 9/13/18



FLORIDA Stamp or Seal

Site Name: Apex Station
Facility ID #: 36/8840379
Date: September 13, 2018

TABLE OF CONTENTS

SECTIONS INCLUDED IN REPORT:

[X] List of Attachments

[X] SECTION I - Facility and Discharge Information/Initial Abatement

Fill out this section for each site in the cluster.

A) Site Description
B) Petroleum System/Tank History
C) Release Information
D) Initial Abatement/Source Removal

Cluster Site Index (if applicable)		
	FDEP ID #	Site Name
Part one		
Part two		
Part three		
Part four		
Part five		
Part six		

[X] SECTION II - Background Site Assessment Information

A) Receptor Investigation
B) Previous Non-Closure Assessment
C) Previous Remediation

[X] SECTION III - Recent Site Assessment Activities

A) Soil Investigation
B) Groundwater Investigation
C) Free Product Investigation
D) Comments

[X] SECTION IV - Impacted Media

A) Lithologic Summary
B) Hydrologic Summary
C) Risk Evaluation

[X] SECTION V - Post Assessment Summary & Recommendations

Fill out this section after site assessment has been completed.

A) Site Assessment Summary
B) Recommendations
C) Comments

[X] SECTION VI - Program Issues (for state funded cleanup sites)

A) Work Plan and Cost Summary

Appendices

(Appendix ID)	(Contents)
A	Tables
B	Figures
C	Field Notes
D	Soil and Groundwater Analytical Data
E	Hydraulic Gradient Calculations / Mass Calculations
F	Historical Reports
G	Work Order, Change Orders and Invoice
H	Chronology of Field Events

SECTION I - Facility & Discharge Information/Initial Abatement

Site Name

☐ *Cluster Site*

Part _____ Facility FDEP# _____ Site Name: _____

I-A) Site Description

Please provide a brief description of the site and a summary of site history and operations. What type of business or businesses (if any), non-petroleum as well as petroleum, operated at the former/present site? If petroleum, describe where all former and current fuel tanks, lines and dispensers were/are located (indicating how this information was obtained). Describe any access constraints (utility conduits, canopies, land cover, etc.) which also might influence the placement of monitoring wells and/or the installation of soil borings. Indicate whether there are any owner issues or traffic concerns which might effect when the work can be performed? ***Please indicate when the requested information is best illustrated on the site map.***

The site is located at 27990 Tamiami Trail, in Bonita Springs, Lee County, Florida and is currently developed as an active convenience store and gasoline retail station. The site in branded as Sunoco but was recently sold to 7-Eleven Inc. Historical reports indicate the property has operated as retail gasoline service station since 1975.

Florida Department of Environmental Protection (FDEP) Bureau of Petroleum Storage Systems, Storage Tank/Contaminated Facility (STCM) database has two (2) Facility Identification Numbers (FAC ID#) for this location. FAC ID# 8840379, listed on the current purchase order, references Apex Station, while FAC ID# 8518113 references 7-Eleven Store #40327. According to STCM files, Apex Station formally utilized four (4)10,000-gallon capacity underground storage tanks (USTs) that contained leaded and unleaded gasoline, and vehicular diesel fuel; installed in 1975 and removed from the site. The four (4) USTs listed under Apex Station (FAC ID# 8840379) are also listed with 7-Eleven Store #40327 (FAC ID# 8518113), and an additional four (4) 10,000-gallon USTs containing unleaded gasoline that were installed in 1989, and removed from the site. 7-Eleven Store #40327 lists the current USTs on site as two 20,000-gallon USTs storing unleaded gasoline and diesel fuel; and one 6,000-gallon UST storing unleaded gasoline. Based on previous assessment reports, it appears the former USTs were located in the same location as the current USTs.

Because OF the two separate Facility Identification Numbers for this location (FAC ID# 8840379 and FCA ID# 8518113), information reviewed and provided throughout the TSAR regarding the petroleum storage tank history, initial source removal, and background assessment and remediation information is from both facilities.

Site map (Figure 3) illustrating all current & former tanks, lines and dispensers (including utilities, canopies, etc.) is included in Appendix B

Site Name: Apex Station
Facility ID #: 36/8840379
Date: September 13, 2018

I-B) Petroleum System/Tank History

List current and former UST's and/or AST's operated at site. Systems (PAST AND PRESENT) must be illustrated on Site Plan. This information should be a summary of the Department's STCM database, all tank closure reports (if applicable) and site owner & operator information.

ID#	AST or UST	Size (gallons)	Installation Date	Contents (unleaded gasoline/ diesel/etc.)	Status (active, removed or abandoned [in place])	Date Removed or Abandoned (if applicable)
1	UST	10,000	12/01/19/75	Leaded gas	Removed	09/01/1989
2	UST	10,000	12/01/19/75	Vehicular Diesel	Removed	09/01/1989
3	UST	10,000	12/01/19/75	Unleaded gas	Removed	09/01/1989
4	UST	10,000	12/01/19/75	Unleaded gas	Removed	09/01/1989
5	UST	6,000	09/01/1995	Unleaded gas	Active	
6	UST	10,000	09/01/1989	Unleaded gas	Removed	01/01/2008
7	UST	10,000	09/01/1989	Unleaded gas	Removed	01/01/2008
8	UST	10,000	09/01/1989	Unleaded gas	Removed	01/01/2008
9	UST	10,000	09/01/1989	Unleaded gas	Removed	01/01/2008
10	UST	20,000	01/01/2008	Unleaded gas	Active	
11	UST	20,000	01/01/2008	Vehicular Diesel	Active	

-If above information is different than the Department's STCM database, please indicate source of updated information:

The four (4) USTs listed under Apex Station (FAC ID# 8840379) are also listed with 7-Eleven Store #40327 (FAC ID# 8518113), and an additional four (4) 10,000-gallon USTs containing unleaded gasoline that were installed in 1989, and removed from the site in January 2008. One 6,000-gallon UST storing unleaded gasoline was installed in 1995 and located on the north side of the building, separate from the original UST area. 7-Eleven Store #40327 lists the current USTs on site as two 20,000-gallon USTs storing unleaded gasoline and diesel fuel; and one 6,000-gallon UST storing unleaded gasoline. The 20,000-gallon USTs were installed in January 2008.

	YES	NO
Active Site? If yes, please indicate method, date and extent of latest tank and line tightness test (include copy of tightness test results). If tank tightness test results are not available, please explain why they are not necessary or indicate when next tightness test will be performed.	X	

A Storage Tank Facility Annual Compliance Site Inspection Report from October 31, 2016 for the 7-Eleven Store #40327 (FAC ID# 8518113) reported Petroleum System Tests included the following: Annual Operability Test, Annual Inline Leak Detector Test, and Cathodic Survey. All components passed the required testing.

Copy of tightness test results included in Appendix _____

Site Name: Apex Station
Facility ID #: 36/8840379
Date: September 13, 2018

I-B) Petroleum System/Tank History (continued)

	YES	NO
Petroleum System Closure? *If yes, briefly describe type of petroleum system (AST, UST, distribution lines, etc.) and closure activities conducted.* ***Description not needed if copy of system tank closure report included.***	X	

Note: Section I-C should be used to document soil, groundwater or product removal performed during closures.

In September 1989, the four (4) 10,000-gallon steel USTs were replaced with four (4) 10,000-gallon USTs in the same location. A closure report was not found on the FDEP OCULUS database, but the 1989 Contamination Assessment Report (CAR) reported an undetermined volume of groundwater was removed from the UST pit via a dewatering system, and approximately 1,700 tons of petroleum impacted soil were excavated and transported offsite for disposal during tank replacements. A Certificate of Reclamation was provided in the CAR.

Source removal of any petroleum impacted soil was conducted in conjunction with a UST system upgrade, performed by Sunoco, Inc. (R&M), in 2007. Speedway conducted the over excavation of petroleum impacted soils in the vicinity of the former UST area and in the vicinity of well MW-7. Source removal of oil surrounding the USTs was conducted by Sunoco. A full tank closure assessment was not required due to the EDI eligibility. The results of the source removal activities were summarized in a Source Removal Report submitted in March 2008. Soil sampling of the over excavation side walls confirmed that petroleum impacted soils were not detected above the SCTLs. Several petroleum constituents were detected above the Chapter 62-777, FAC Natural Attenuation Default Concentrations (NADCs) in the groundwater sample collected from monitoring well MW-7R.

[X] Description of system closure activities included in attached tank closure report.

Copy of tank or system closure report (if applicable) included in Appendix F

I-C) Release Information

	Discovery Date(s)	Program Type(s): *ATRP, EDI, PCPP, PLRIP or Non-program* *(please indicate if a non-program discharge has been combined with an eligible discharge)*
1st	2/6/1988	EDI
2nd		
3rd		

-Source description and release history that includes date(s) of release(s), cause(s) of release(s), where they occurred, type(s) of product released and volume(s) of release(s) [please explain how estimates were derived].

Evidence of petroleum impacted groundwater was first reported in a Discharge Notification Form (DNF) which was filed with the FDEP in February 1988. An unknown volume and product type was suspected to have originated from the USTs, based on the observation of free product in UST compliance wells. The discharge was determined to be eligible for state funding under the Early Detection Incentive (EDI) Program in April, 1988.

- Suspected type(s) of product released:

[X] Leaded Gasoline	[ ]	[X] Unleaded Gasoline
[ ] Used Oil	[ ] Unknown	[ ] Other:

I-D) Initial Abatement/Source Removal

(Soil/Groundwater/Free Product removal during tank closures):

Was soil contamination detected during petroleum system closure? *If yes, please briefly describe extent of petroleum impacts and method(s) used to identify soil contamination.*	YES	NO	N/A
	X		

In August 1989 during tank replacement, approximately 1,700 tons of excessively contaminated soil were excavated from the UST area and thermally treated. Reportedly, an onsite portable gas chromatograph was used to determine soil and groundwater contamination.

Source removal of any petroleum impacted soil was conducted in conjunction with a UST system upgrade, performed by Sunoco, Inc. (R&M), in 2007. A soil sampling grid was constructed on the over-excavation area. Soil samples were collected for OVA/PID screening from within the UST pit (by quadrant) and in the over-excavation from 0-3 feet, 3-6 feet, and 6-7 feet bls within six (6) areas of the grid. OVA/PID readings ranged from 0 ppm at the surface to 2246 ppm at the 6-7 foot interval. Refer to **Figure 4** of the Source Removal Report.

Site map (Figure 2) illustrating soil sampling locations is included in Appendix F

Tabular summary of soil sampling results (Table _____) is included in Appendix _____

Was contaminated soil removed? *If yes, please describe the horizontal and vertical extents of the soil removal and indicate where contaminated soil might still exist.*	YES	NO	N/A
	X		

In August 1989 during tank replacement, approximately 1,700 tons of excessively contaminated soil were excavated from the UST area and thermally treated.

In December 2007, a total of 926 tons of excavated soil were transported to Kleensoil by Soil Recovery Group for disposal by thermal treatment. Speedway manifested 203 tons as petroleum-impacted soil and Sunoco manifested the remaining 723 tons as clean soil.

Approximate depth to water at time of excavation (if known) _____ *feet bls*

Approximate amount removed 2,626 *tons* X *yds*^{3} _____ *Date:* 08/1989 12/2007

Disposal method: Thermal Treatment

I-D) Initial Abatement/Source Removal (continued)

	YES	NO	N/A
Was groundwater contamination detected during petroleum system closure? If yes, please indicate whether wells were installed (including their construction details if possible) and indicate the maximum levels for petroleum contaminants of concern that were detected.	X		

Dewatering was performed in August 1989 during UST replacements. Groundwater containing a maximum concentration of 3,951 ppb benzene and 5,149 ppb total BTEX, as determined by portable gas chromatograph analysis.

Dewatering was planned for UST replacements in 2007. However, aquifer testing at the beginning of the UST removal indicated a dewatering system would not effectively draw-down the water table. Instead, standing water was pumped from the excavation area into two frac tanks for storage.

Site map (Figure _____) illustrating groundwater sampling locations is included in Appendix _____

	YES	NO	N/A
Was contaminated water removed? If yes, please identify removal location(s) and describe method of removal.	X		

The 1989 Contamination Assessment Report (CAR) reported an undetermined volume of groundwater was removed from the UST pit via a dewatering system. Groundwater was treated on site by air stripping and discharged to the storm water drainage system.

In December 2007, standing water was pumped from the excavation area into two frac tanks for storage. It was reported the water was transported off site for disposal. The volume was not reported.

Approximate volume removed: *Unknown* *gallons* *Date(s):* _____

Disposal method: *Off Site Disposal*

SECTION II - Background Site Assessment Information

II-A) Receptor Investigation

	YES	NO	Unknown
Are large (>100,000 gallons per day) public supply potable wells located within 1/2 mile? If yes, please indicate distance(s) and direction(s) from site, if they are located downgradient and if the well(s) are screened deeper than contamination. If unknown, please explain.		X	

The State Underground Petroleum Environmental Response (SUPER) Act database was queried to determine the presence of public supply wells within 0.50-miles of the subject site and/or private wells within 0.25-miles of the subject site. A survey was conducted in October 2013 and did not report any private or public wells within a 0.5 mile radius of the site.

Potable well survey map (Figure 9) is included in Appendix B
Potable well construction summary (Table) is included in Appendix

	YES	NO	Unknown
Are water wells, including irrigation, industrial and all potable wells (<100,000 gallons per day), located within1/4 mile? If yes, please identify the type(s) of wells, their distances and directions from the site, if they are located downgradient and if the well(s) are screened deeper than the contamination. If unknown, please explain.		X	

A previous area use survey did not list any private wells within one quarter (¼) mile of the site.

Water well survey map (Figure 9) is included in Appendix B
Water well construction summary (Table) is included in Appendix

II-A) Receptor Investigation (continued)

Are there any surface water bodies which have been impacted by the contamination? *If yes, please describe what (if anything) has been done to abate or prevent contamination impacting surface water. If unknown, please explain.*	YES	NO	Unknown
		X	

The closest surface water body is a retention pond on the northern property boundary. The pond is storm water retention for the Publix Shopping Plaza located north and west of the station.

During current assessment activities, a sample was collected from the pond and did not report any contaminants of concern above Freshwater Surface Water Criteria Concentrations.

Are the Chapter 62-777, F.A.C., (effective April 17, 2005) default Cleanup Target Levels (CTLs) for soil and groundwater the cleanup goals for this site?	YES	NO
	X	

If no, please indicate if the cleanup goals are from the 1999 version of Chapter 62-770, F.A.C., or pre-1999, apply to this site (providing the reason why) or if alternative cleanup target levels have been or might be established for this site (outlining all engineering and/or institutional controls which already exist or will need to be implemented in the future).

II-B) Previous Site Assessment

Information not described in Section I ("release information" or "initial abatement/source removal")

Was site assessment work performed? *If yes, please indicate who performed it (with reason performed) and dates performed (see table below)*	YES	NO
	X	

List of all reports where site assessment information was originally submitted to the FDEP (oldest to most recent):

Date of report	Title of report	Company that prepared report
2/6/1989	Preliminary Contamination Assessment Report	Ardaman & Associates, Inc.
6/13/1991	Contamination Assessment Report	Groundwater Technology, Inc.
4/15/1992	RAP	Groundwater Technology, Inc.
12/23/1992	Annual Operation & Maintenance Report 1993-1994	Law Environmental, Inc
2/1/1994	First Bi-Annual Remedial Action Status Report	Geraghty & Miller, Inc.
5/27/2004	Supplemental Site Assessment Report	S&ME, Inc.
3/9/2007	Site Assessment Report	ATC Associates, Inc.
3/31/2008	Source Removal Report	ATC Associates, Inc.
11/31/2008	Post Source Removal Groundwater Sampling Report	ATC Associates, Inc.
3/9/2009	Post Source Removal Groundwater Sampling Report	ATC Associates, Inc.
10/20/2009	Limited Scope Remedial Action Plan	ATC Associates, Inc.
2/11/2010	Supplemental Site Assessment Report	ATC Associates, Inc.
5/26/2011	Remedial Action Startup Report	ATC Associates, Inc.
9/15/2011 – 8/29/2012	Remedial Action O&M Report(s)	ATC Associates, Inc.
2/11/2013 – 9/19/2013	Post Active Remediation Monitoring Report(s)	ATC Associates, Inc.
12/12/2013	Limited Scope Remedial Action Plan Addendum	ATC Associates, Inc.
7/22/2014 – 1/30/2015	Remedial Action Status Report(s)	ATC Associates, Inc.
3/18/2015	LSSI – No Further Action Request	ATC Associates, Inc.

II-B) Previous Site Assessment (continued)

Was soil assessment performed? *If yes, please briefly describe work performed and discuss results.* ***A description of the sampling results can be omitted if the data are included with current tabular summaries and soil plume maps (if applicable).***	YES	NO
	X	

Preliminary assessment of the site was conducted by Ardaman & Associates (Ardaman) on behalf of the Apex Oil Company. A Preliminary Contamination Assessment Report (PCAR) was submitted to the FDEP in February 1989. The PCAR summarized the results of twenty-nine (29) soil borings. OVA screening results indentified contamination extending north/northwest of the UST area. Refer to **Figure 3** in **Appendix F** for soil boring locations.

A Contamination Assessment Report (CAR) was completed in June 1991 By Groundwater Technologies, Inc. and detailed soil quality data collected from seventeen (17) soil borings and during the installation of additional monitoring wells. Excessively contaminated soil, based on OVA screening results, was encountered north/northwest of UST area and east of the dispensers. Refer to **Figure 3-6** in **Appendix F** for soil boring locations.

S&ME Inc. submitted a Supplemental Site Assessment Report (SSAR) on May 27, 2004. S&M--E completed twenty (20) soil borings to approximately 4.5 feet below land surface (ft-bls). Elevated OVA responses were reported in three (3) borings. Laboratory analysis did not report any contaminants of concern above SCTLs. ATC Associates, Inc. submitted a Site Assessment Report (SAR) on March 9, 2007, also completing twenty (20) soil borings to approximately 5 ft-bls. Elevate OVA responses were reported in two (2) borings. Laboratory analysis did not report any contaminants of concern above SCTLs. Refer to **Figure 4** in **Appendix F** for soil boring locations.

Soil samples were collected from the sidewalls of the over excavation source removal completed in 2008, in the vicinity of MW-7. Laboratory analysis did not report any contaminants of concern above SCTLs.

[X] Results included in current soil OVA screening and soil analytical summary tables.

Site map (Figure 3, 3-6, 4) illustrating sampling locations is included in Appendix F
Tabular summary of soil sampling results (Table 1) is included in Appendix A

II-B) Previous Site Assessment (continued)

Any monitoring wells installed? *If yes, briefly identify where the wells were installed and describe their construction. Please indicate if the wells are still on-site.* ***The well descriptions and can be omitted if the information is included in a current tabular summaries.***	YES	NO
	X	

As reported in the CAR assessment, four (4) shallow monitoring wells (OW-1 through OW-4) were installed at the site prior to assessment activities, presumably as compliance wells.

Four (4) shallow monitoring wells, labeled MW-5 through MW-8, and one (1) piezometer, labeled PZ-1, were installed by GTI Drilling in December 1990. Two (2) additional shallow monitoring wells, labeled MW-9 and MW-10, were installed by GTI Drilling on March 26, 1991. An additional pre-existing well, labeled MW-11, was located on March 26, 1991. This well was probably installed by Ardaman and Associates, Inc. during their preliminary site assessment in January 1989.

Two replacement shallow groundwater monitoring wells (MW-10R and MW-11R), one additional shallow monitoring well (MW-12), and one vertical extent well (DW-1) were installed on-site to delineate the groundwater impacts detected in MW-7 on December 11-12, 2006.

Following the UST upgrades and the source removal in March 2008, three (3) replacement shallow monitoring wells MW-6R, MW-7R, and MW-12R were installed in May 2008. Based on sampling results collected during sampling events in 2008 and 2009, shallow monitoring wells MW-13, MW-14, and MW-15 were installed in December 2009.

There is conflicting data as to the installation details and location of well MW-8 and MW-12. The CAR and RAP report well MW-8 located on the north side of the building. The SAR from March 2007 and subsequent reports through the current TSAR locate well MW-12/MW-12R on the north side of the building. Construction details for well MW-8 are reported in the PCAR from 1989. Construction details for well MW-12 could not be found on file. Construction details for well MW-12R were reported in the November 2008 Post Source Removal Groundwater Sampling Report.

Site map (Figure 3) illustrating well locations is included in Appendix B
Tabular summary of well construction details (Table 5) is included in Appendix A

II-B) Previous Site Assessment (continued)

	YES	NO
Has direct push (geoprobe) groundwater grab-sampling been performed? *If yes, briefly identify the locations and depths where the samples were collected..* ***A description of the sample locations and results can be omitted if the information is included in current site maps and tabular summaries***	X	

The May 2004 SSAR reported a total of twenty (20) groundwater samples, SB-1 through SB-20, were collected from completed soil borings at a depth of approximately 4.5 ft-bls. Samples were analyzed for BTEX/MTBE and reported concentrations above GCTLs and NADCs from nine (9) of the twenty (20) direct push samples. Refer to **Figure 4** in **Appendix F** for groundwater sampling locations, and **Table 2** in **Appendix F** for a summary of the analytical results.

Site map (Figure 4) illustrating the groundwater sampling results is included in Appendix F
Tabular summary of groundwater sampling results (Table 2) is included in Appendix F

II-B) Previous Site Assessment (continued)

Was groundwater sampling performed? *If yes, briefly describe what sampling was performed and summarize results.* ***A description of the sampling results can be omitted if the data are included with the current tabular summaries and groundwater plume maps (if applicable).***

YES [X] NO [ ]

Groundwater samples have been collected from wells MW-5 through MW-11 during the CAR assessment activities in 1991 and continued through 1995 during remedial actions before the site was parked when site rehabilitation activities were suspended due to Senate Bill 1290.

Assessment activities and groundwater sampling resumed in 2004. Additional wells and replacement wells were installed during assessment and source removal activities through 2010.
Groundwater samples from all remaining site wells have been collected periodically from 2004 through 2014. The last sampling event prior to the current Scope of Work was completed on December 12, 2014.

[X] Results included in current groundwater analytical summary table.

Site map (Figure 3) illustrating sampling locations is included in Appendix B
Tabular summary of groundwater results (Table 3A, 3B) is included in Appendix A

Has free product been observed in wells or excavations (not including tank and/or system closures)? *If yes, please describe.* ***A description of the thickness measured can be omitted if the previous data are included with the current tabular summaries and illustrated on current free product plume maps (if applicable).***

YES [ ] NO [X]

Site map (Figure) illustrating locations where free product was observed is included in Appendix
Tabular summary of free product thickness (Table) is included in Appendix

II-B) Previous Site Assessment (continued)

	YES	NO
Has the previous site assessment been approved by the FDEP (was a CAR or SAR approval letter issued?)	X	

Date site assessment (or contamination assessment) was approved: 08/05/1991

II-C) Previous Remediation

	YES	NO
Has a Remedial Action Plan been prepared? *If yes, please briefly describe the remedial strategy.* ***The description of the remedial strategy can be omitted if the RAP was implemented (this item will be addressed in the active remediation section that follows).***	X	

In April 1992 a Remedial Action Plan (RAP) was submitted by GTI utilizing groundwater sampling data collected during the CAR. The recommended remedial technique was groundwater pump and treat with soil vapor extraction. The pump and treat system utilized three (3) recovery wells, onsite treatment, and effluent discharge to an infiltrations gallery. The SVE system consisted of 15 horizontal vacuum extraction lines located through the trenching for the groundwater recovery system. The RAP was approved on May 9, 1992.

A Limited Scope Remedial Action Plan (LSRAP) was submitted by ATC Associates on October 20, 2009. The LSRAP) proposed biosparging to address the dissolved phase petroleum hydrocarbons in the area of MW-7R. The LSRAP was approved by FDEP on December 7, 2010. Startup of a biosparge system was conducted in May 2011. The system operated until August 2012, at which time the petroleum hydrocarbon concentrations in the groundwater in MW-7R were reduced below the NADCs and the site transitioned into Post Active Remediation Monitoring (PARM). The Year 1 Quarter 3 PARM Report (May 10, 2013) proposed conducting two eight-hour high vacuum extraction over purge events to address rebounding which had occurred in the area of MW-7R. Over purge events were conducted in July and August 2013 and all constituents of concern, except naphthalene were reduced to below the GCTL.

Naphthalene concentrations in MW-7R exceeded the GCTL during subsequent PARM sampling despite the over purge events. In December 2013 ATC Associates submitted a LSRAP Addendum and proposed to resume active remediation (biosparging) in the area of MW-7R by mobilizing the biosparge remediation system back to the site, reconnecting the biosparge wells in the area of MW-7R and restarting the system. FDEP approved the LSRAP Addendum.

Date of RAP:	Prepared by:
10/29/1991	GTI
10/20/2009	ATC Associates
12/12/2013	ATC Associates

X	Remedial Action Plan approved by FDEP.	Date of RAP approval order: 05/08/1992, 12/07/2010, 12/27/2013

II-B) Previous Site Assessment (continued)

Site Name: Apex Station
Facility ID #: 36/8840379
Date: September 13, 2018

Was soil excavation (not associated with a system closure) performed? *If yes, please briefly describe work performed and discuss results.*	YES	NO
		X

The description of the source removal can be omitted if already discussed in the initial abatement section.

Approximate depth to water at time of excavation (if known) _____ *feet*

Site map (Figure_____) illustrating sampling locations and extent of excavation(s) is included in Appendix _____

Tabular summary of soil sampling results (Table_____) is included in Appendix _____

II-C) Previous Remediation (continued)

Has active remediation been performed? *If yes, please indicate dates performed (each applicable technology), evaluate previous system effectiveness and indicate if any previous equipment is still available for cleanup.*	YES	NO
	X	

The pump and treat system installation was completed in June 1993. The Operation and Maintenance (O&M) and monitoring of the remediation system was performed until March 1995 when the system was shut down due to the enactment of Senate Bill 1290. The pump and treat system received approximately 2,174,860 gallons of groundwater. Operations of the soil vapor extraction system were sporadic. Water continually infiltrated into the lateral extraction lines hampering performance.

Startup of a biosparge system was conducted in May 2011. The system operated until August 2012. The system equipment consisted of a trailer mounted air compressor capable of producing up to 48 standard cubic feet per minute at a maximum pressure of 22 pounds per square inch.

Continued short term biosparging was conducted from April 2014 through November 2014. After the biosparge system was shut down, a Low Score Site Assessment (LSSI) was performed and No Further Action (NFA) was requested. FDEP denied the NFA request.

Identify type(s) of active remediation previously performed:

[X] Air Sparging & Vapor Extraction [X] Groundwater Recovery (pump & treat) [ ] Multiphase Extraction (w/dual phase)

[ ] Limited scope well over-development [ ] Excavation [X] Enhanced Bio-Remediation (ORC, etc.)

[ ] Free Product Recovery [ ] Other: _____

SECTION III - Recent Site Assessment Activities

III-A) Soil Investigation

[soil sampling]

	YES	NO
Was soil (vadose zone and smear zone) investigated? If yes, please provide a brief discussion of soil sampling methodology, including the method(s) used to collect the laboratory samples. If no, please explain.	X	

On December 6, 2017, FGE visited the site and met with JAEE Environmental, Inc. to install eleven (11) soil borings to 12ft-bls to investigate the soil quality in the northern portion of the site. During the completion of all soil borings, lithologic descriptions, moisture content, and odor was documented continuously to the total depth of each boring. Soil samples were generally collected 1 foot intervals for field screening to a total depth. The recovered soil samples were placed in 16-ounce jars, leaving approximately half of the jar as a headspace in which organic vapors could accumulate. The openings on the jars were sealed with aluminum foil and the headspace was allowed to equilibrate approximately five minutes before analysis. The samples were field screened using a OVA Photo-ionization Detector (PID). The OVA/PID was calibrated prior to use in accordance with manufacture specifications. The results of the soil screening are presented on **Table 1**.

As per the scope of work, up to six (6) soil samples were to be collected during the soil boring program. OVA/PID data was recorded prior to collecting soil samples for laboratory analysis. With the OVA/PID data forwarded to FDEP, FGE and FDEP agreed to collect soil samples from the following soil boring intervals: B-3 @ 1-2', B-3 @ 2-3', B-6 @2-3', and B-11 @ 2-3'. In total, four (4) soil samples were collected and analyzed at Pace Analytical Services, Inc. for volatile organic aromatics (EPA Method 8260), polynuclear aromatic hydrocarbons (EPA Method 8270) and total petroleum hydrocarbons (FL-PRO).

Date of last soil screening event (OVA data) with or without laboratory sampling: 12/06/2017

Site map (Figure 4, 5) illustrating sampling locations is included in Appendix B

Tabular summary of soil screening results (Table 1) is included in Appendix A

Tabular summary of laboratory soil sampling results (Table 2) is included in Appendix A

Soil sampling logs (for laboratory samples) are included in Appendix C

Soil samples (previous sampling events included) have been collected and analyzed for:

Required for all suspected GAG & KAG contaminated sites.

X	BTEX/MTBE (*low//high)*	X	PAHs	X	TRPHs

Required for all sites where Used Oil contamination is suspected.

	Priority Pollutant Volatile Organics & Extractable Organics		As, Cd, Cr, Pb		TRPHs

III-A) Soil Investigation (continued)

	YES	NO	N/A
Was soil Investigative Derived Waste (IDW) generated? *If yes, please describe method used for identifying soil needing disposal:*	X		

A total of three (3) drums of soil were generated during the installation of monitoring wells.

Volume of contaminated soil disposed of: 3 [X] *drums* [ ] *cu. yds.*
Disposal method: Thermal Treatment

[soil results]

	YES	NO	N/A
Was soil contamination above applicable Cleanup Target Levels identified above the water table? *If yes, identify where concentrations above CTLs were detected, depths encountered and corresponding OVA readings. If no, please indicate whether laboratory results agree with OVA readings (if they do not agree, please discuss significance of OVA screening data and/or reliability of laboratory results). If "N/A", please explain.*		X	

The results of the laboratory analyses indicated that none of the soil samples exceeded the FDEP Soil Cleanup Target Levels (SCTLs) for any Contaminants of Concern tested.

Approximate volume of vadose zone soil contamination: _____ *cu. yds.*

Site map (Figure 5) illustrating extent of soil contamination is included in Appendix B
Soil concentration summary (Table 2) is included in Appendix A
Soil sampling logs (for laboratory samples) are included in Appendix C

III-A) Soil Investigation (continued)

Site Name: Apex Station
Facility ID #: 36/8840379
Date: September 13, 2018

Was vadose zone soil contamination delineated? *If no, please describe where additional borings should be located (indicating proposed depths of investigations). If "N/A", please explain.*

YES	NO	N/A
		X

Vadose soil contamination was not detected.

Site map (Figure _____) illustrating proposed sampling locations is included in Appendix _____

Has a smear zone been identified? Definition: The "smear zone" is the soil contamination located within the zone of water table fluctuation (it has been described as a "secondary source" of contamination). *If yes, please discuss the horizontal and vertical contaminant mass distribution in the smear zone. If no, please describe what additional information is needed (soil borings, well data, etc.). If "N/A", please explain.*

YES	NO	N/A
	X	

Soil borings were completed to 12 ft-bls. Depth to water fluctuates between 2 ft-bls to 5 ft-bls. OVA readings reported concentrations in the smear zone. Smear zone impact is located north of the USTs.

Site map (Figure _____) illustrating proposed sampling locations is included in Appendix _____

III-B) Groundwater Investigation

[monitoring wells/direct push]

	YES	NO
Were monitoring wells installed (or abandoned)? *If yes, briefly identify which wells were installed/abandoned and describe their construction.* ***The well locations and construction details can be omitted if the information is included in current site maps and tabular summaries.***	X	

On July 25, 2017, new monitoring wells, MW-16 and MW-17 were completed to 12 ft-bls. Monitoring well MW-16 through MW-17 were installed using hollow stem augurs and each well was constructed using 10 feet of 2-inch diameter 0.010 inch slotted PVC well screen threaded to 2 feet of solid PVC riser. The annulus of each well was back-filled with a 20/30 grade silica sand filter pack installed through the augers to approximately 1.0 feet above the screen, followed by a 0.5 ft layer of 30/65 fine-grained sand seal. A PVC tremie pipe was used as a tamping device to prevent bridging of the filter pack and ensured the amount of filter pack sand was continuously tagged during placement. The well was then grouted to just below land surface and completed with a flush-mounted, steel protective manhole cover, locking well cap, and secured with a zip tie.

Site map (Figure 3) illustrating the well locations is included in Appendix B
Tabular summary of well construction details (Table 5) is included in Appendix A
Monitoring well completion reports are included in Appendix C

	YES	NO
Was direct push (geoprobe) groundwater grab-sampling performed? *If yes, briefly identify the locations and depths where the samples were collected..* ***A description of the sample locations and results can be omitted if the information is included in current site maps and tabular summaries***		X

Site map (Figure) illustrating the groundwater sampling results is included in Appendix
Tabular summary of groundwater sampling results (Table) is included in Appendix

III-B) Groundwater Investigation (continued)

[groundwater sampling]

Was groundwater sampling performed? *If yes, please provide a brief discussion of groundwater purging and sampling methodology and identify the wells that were sampled. If no, please explain.* ***A description of the sampling results can be omitted if the information is illustrated in current contaminant plume maps and tabular summaries***	YES	NO
	X	

On March 23, 2017, FGE collected groundwater samples from existing monitoring wells, MW-6R, MW-7R, MW-10R, MW-11R, MW-12R, MW-13, MW-14, and MW-15. Well MW-9 could not be located using a metal detector. Groundwater samples were collected in accordance with the FDEP standard operating procedures. Following calibration of meters and collection of water levels, the monitoring wells were sampled using the prescribed methodologies in FDEP SOP 001-01. The wells were purged using low flow purging methods (less than 1.0 liter per minute) using a variable speed peristaltic pump. Following one well volume purge, stabilization parameters were measured for each monitoring well using a continuous flow-through monitoring cell. Stabilization measurements included temperature, specific conductance, pH, turbidity, and dissolved oxygen. The drawdown of the water table was also monitored continuously during purging. After groundwater stabilization, the samples were collected.

The groundwater samples were collected in the appropriate laboratory prepared containers, then placed into ice filled coolers and transported to the laboratory for analyses. Strict chain-of-custody of the samples was maintained at all times. All samples were analyzed at Pace Analytical Services, Inc. for volatile organic aromatics (EPA Method 8260), polynuclear aromatic hydrocarbons (EPA Method 8270) and total petroleum hydrocarbons (FL-PRO).

On December 6, 2017, FGE collected groundwater samples from wells MW-7R, MW-16 and MW-17. Groundwater samples were collected in accordance with the FDEP standard operating procedures previously described above. A grab water sample was collected from the retention pond located on the northern property boundary. The sample was obtained with a surface water sampling device; the collection device was submerged below surface, approximately three feet from the shore edge.

The groundwater samples were collected in the appropriate laboratory prepared containers, then placed into ice filled coolers and transported to the laboratory for analyses. Strict chain-of-custody of the samples was maintained at all times. All samples were analyzed at Pace Analytical Services, Inc. for volatile organic aromatics (EPA Method 8260), polynuclear aromatic hydrocarbons (EPA Method 8270) and total petroleum hydrocarbons (FL-PRO).

On June 5, 2018, FGE collected groundwater samples from wells MW-7R, MW-14, MW-16 and MW-17. Groundwater samples were collected in accordance with the FDEP standard operating procedures previously described above. A grab water sample was collected from the retention pond located on the northern property boundary. The sample was obtained with a surface water sampling device; the collection device was submerged below surface, approximately three feet from the shore edge.

Site Name: Apex Station
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The groundwater samples were collected in the appropriate laboratory prepared containers, then placed into ice filled coolers and transported to the laboratory for analyses. Strict chain-of-custody of the samples was maintained at all times. All samples were analyzed at Pace Analytical Services, Inc. for volatile organic aromatics (EPA Method 8260), polynuclear aromatic hydrocarbons (EPA Method 8270) and total petroleum hydrocarbons (FL-PRO).

If groundwater sampling not performed, indicate date of last sampling event (if applicable): _____

Indicate wells sampled on that date (if applicable): _____

Site map (Figure 6, 6A) illustrating the groundwater sampling results is included in Appendix B

Tabular summary of groundwater sampling results (Table 3A, 3B) is included in Appendix A

Groundwater field sampling logs are included in Appendix C

Groundwater samples (previous sampling events included) have been collected and analyzed for:

Required for all suspected GAG/KAG sites.

[X] BTEX/MTBE [X] PAHs [X] TRPHs

Required for all contaminated GAG/KAG sites.

[X] EDB [X] Lead (Pb) [ ] VOHs

Required for all suspected used oil (or unknown fuel type) contaminated sites.

[ ] Priority Pollutant Volatile Organics & Extractable Organics [ ] As, Cd, Cr, Pb [ ] TRPHs

III-B) Groundwater Investigation (continued)

	YES	NO	N/A
Was groundwater IDW generated? If yes, please explain why disposal on-site was not possible.		X	

Volume of contaminated groundwater disposed of: _____ [ ] *drums* [ ] *gallons*

[groundwater results]

	YES	NO	N/A
Was groundwater contamination identified above the applicable Cleanup Target Levels? If yes, indicate locations where highest concentrations detected with depths encountered. If "N/A", please explain.	X		

The results of the March 23, 2017 groundwater sampling indicated that none of the monitoring wells contained concentrations of contaminants that exceed GCTLs except MW-7R. The groundwater sample collected from monitoring well MW-7R reported a concentration of naphthalene that exceeded the applicable GCTL.

The results of the December 6, 2017 groundwater sampling reported concentrations of contaminants that exceed GCTLs at wells MW-7R and MW-16. The groundwater sample collected from monitoring well MW-7R reported concentrations of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene that exceeded the applicable GCTLs. The sample from well MW-16 reported a concentration of naphthalene that exceeded the applicable GCTL. The pond sample did not report any concentrations of contaminants that exceed GCTLs.

The results of the June 5, 2018 groundwater sampling reported a concentration of naphthalene that exceeded the GCTL at well MW-16. Samples from MW-7R, MW-14, and MW-17 reported contaminants of concern below applicable GCTLs.

Approximate volume of contaminated groundwater: 30,439 *gallons*

Plume maps [Figure(s) 6A] illustrating extent of groundwater contamination is/are included in Appendix B

III-B) Groundwater Investigation (continued)

	YES	NO	N/A
Has horizontal delineation been completed in the surficial aquifer? If no, please describe where additional sampling is required (indicating wells and needed analyses) and/or additional monitoring wells should be installed (indicating proposed screened intervals for each). If "N/A", please explain.	X		

Well MW-16 reported naphthalene above cleanup target levels; the well is located approximately 20 feet from retention pond on the northern property boundary. Samples from the retention pond did not report any that concentrations of contaminants that exceed Freshwater Surface Water Criteria Concentrations.

Site map (Figure _____) illustrating proposed monitoring well locations is included in Appendix _____

	YES	NO	N/A
Has vertical delineation been completed in the <u>plume</u> area? If no, please describe where additional sampling is required (indicating needed analyses) and/or identify locations where vertical extent well(s) should be installed (indicating proposed screened intervals, single or double cased and length of surface casings). If "N/A", please explain.	X		

Former well DW-1 was sampled in December 2006 and did not report any contaminants of concern above GCTLs. Since no contaminants of concern exceeded the NADCs, vertical delineation was not pursued.

Site map (Figure _____) illustrating proposed vertical extent well locations is included in Appendix _____

III-B) Groundwater Investigation (continued)

[impacted receptors]

	YES	NO	Unknown
Have any supply wells or surface waters been impacted? *If yes, please indicate concentration(s) of water sample(s) taken and the wells/surface water body/bodies impacted. If unknown, please explain.*		X	

There are no supply wells in the area.

A grab water sample was collected from the pond. The sample was obtained with a surface water sampling device; The collection device was submerged below surface, approximately three feet from the shore edge. The pond sample did not report any that concentrations of contaminants that exceed the Freshwater Surface Water Criteria Concentrations.

	YES	NO	Unknown
Is surface water and/or sediment sampling required? *If yes, please indicate where samples should be collected, and the proposed analyses. [Note: surface water sampling results should be summarized with the groundwater analytical results and sediment sampling results should be summarized with the soil analytical results.] If unknown, please explain.*		X	

A grab water sample was collected from the pond. The sample was obtained with a surface water sampling device; The collection device was submerged below surface, approximately three feet from the shore edge. The pond sample did not report any that concentrations of contaminants that exceed the Freshwater Surface Water Criteria Concentrations.

Site map (Figure _____) illustrating sampling locations is included in Appendix _____

	YES	NO	Unknown
Are there any potable wells that need to be sampled? *If yes, please indicate wells to be sampled, and the proposed analyses. If unknown, please explain.*		X	

Site map (Figure _____) illustrating potable well locations is included in Appendix _____

III-C) Free Product Investigation

	YES	NO
Is free product present? *If yes, please indicate where product has been observed and its thickness, describe the product (color, odor, etc.) and estimate the type and age of the product.*		X

Site map (Figure _____) illustrating free product thickness at well locations is included in Appendix _____
Tabular summary of free product thickness (Table _____) is included in Appendix _____

	YES	NO	N/A
Has the extent of free product been delineated? *If no, please describe where additional wells or piezometers should be located.*			X

Site map (Figure _____) illustrating locations of proposed piezometers or wells is included in Appendix _____

	YES	NO	N/A
Is free product recovery ongoing? *If yes, please indicate the method and frequency of removal and summarize recovery efforts to date.*			X

Tabular summary of product recovery amounts (Table _____) is included in Appendix _____

	YES	NO	N/A
If free product recovery is not ongoing, are free product recovery efforts recommended? *If yes, please indicate the proposed method and frequency of removal. If no, please explain why product removal is not recommended.*			X

Site map (Figure _____) illustrating locations of proposed additional piezometers and/or wells for free product recovery is included in Appendix _____

III-D) Comments

Any issues or concerns not addressed in previous questions which might help better describe the degree and extent of the contamination at this site.

Well MW-16 reported naphthalene above cleanup target levels. Well MW-16 is hydraulically down gradient, located on the north property boundary. However, the well is located approximately 20 feet from the retention pond on the northern property boundary. Any further off site assessment to the north would be on an opposite side of the retention pond. The pond will act as a hydraulic barrier and a well installed off site on the opposite side of the pond will not yield any beneficial data.

SECTION IV - Impacted Media

IV-A) Lithologic Summary

The impacted aquifer(s) can be best characterized by the following description (predominantly):
Select One

[X] Sands [SW, SP, SM]	[ ] Sandy Clay, Clayey Sand or Silty Clays [SC, ML, CL]	[ ] Clays [CH]
[ ] Intermingled Sands and Clays	[ ] Intermingled Sands, Clays and Limestone	[ ] Limestone [LS]

Please describe a typical soil column and all defined aquifers (perched/upper/lower). This should include a brief description of the site lithology (using the Unified Soil Classification System), and all other geologic and/or hydrogeologic characteristics of the area which might influence migration or transport of the contamination.

Native soil appears to be mainly fine to medium grained sand of varying color to an approximate depth of 3-4 ft-bls. Below 4 ft-bls is fine sand of varying color to approximately 15 ft-bls. The boring log for former well DW-1 reported a limestone layer from 15 – 17 ft-bls. Fine-grained sand of varying color with limestone fragments was encountered to at least 35 ft-bls.

Lithologic cross-section (Figure 8, 8A) is included in Appendix B

Is the lithologic information obtained to date sufficient to characterize the impacted media?	YES	NO
	[X]	[ ]

If no, please explain [indicating area(s) where additional lithologic data are needed]. ***A map illustrating where the additional borings/wells need to be located can be omitted if those locations have been identified in the soil and/or groundwater sections.***

Site map illustrating proposed lithologic boring locations (Figure _____) is included in Appendix _____

Site Name: Apex Station
Facility ID #: 36/8840379
Date: September 13, 2018

IV-B) Hydrologic Summary

	YES	NO
Have all the monitoring well tops-of-casings been surveyed? If no, please describe why this information has not been obtained. [Note, the TOC survey does not have to be performed by a Professional Land Surveyor. However, if the monitoring wells are installed prior to the survey, then the TOCs should be included in the Professional Land Survey.]	X	

	YES	NO
Was a professional land survey performed? If yes, please indicate date of survey, whether it was saved on disk (indicating type of program), and who performed it. Also indicate which monitoring wells (if any) were included in the survey. [Note: the site map must be based on the professional land survey.]		X

	yes	no
Is original signed and sealed professional land survey included?		X
Is copy of electronic version of land survey (labeled with ID #, site name & report date) included?		X

	YES	NO
Have depth to groundwater and groundwater flow direction in the upper zone aquifer been determined? If yes, please indicate average depth to water and fluctuation range (low/high stand) in all impacted areas of the site. If no, please explain.	X	

The average depth to water on December 6, 2017 was 3.60 ft-bls. Groundwater flow across the site is inferred to north.

Historically, groundwater flow across the site was reported to the north.

Site map(s) [Figure(s) 7A, 7B] illustrating upper zone water table elevations and interpretation(s) of groundwater flow direction(s) is/are included in Appendix B

Tabular summary of all groundwater elevation data (Table 4) is included in Appendix A

IV-B) Hydrologic Summary (continued)

Have depth to groundwater and groundwater flow direction(s) in lower and/or intermediate aquifer(s) been determined? YES [ ] NO [X]

If yes, please indicate average depth to water and fluctuation range in vertical extent wells (low/high stand). If no, please explain.

Not applicable, as shallow impacts do not exceed NADCs and vertical delineation was not pursued.

Site map [Figure(s)_____] illustrating lower/intermediate zone water table elevations and interpretation(s) of groundwater flow direction(s) is/are included in Appendix _____

Are perched aquifer conditions suspected? *If yes, please indicate estimated depth and thickness of perched zone and whether perched zone extends across entire site.* YES [ ] NO [X]

Site map (Figure _____) illustrating estimated lateral extent of perched zone (when it does not extend across entire site), water level elevations and interpretation(s) of groundwater flow direction(s) is/are included in Appendix _____

Is the site tidally influenced? *If yes, please indicate tidal fluctuation range and whether groundwater flow direction might change during tidal cycle. If unknown, please indicate whether this issue is important at this site (outlining data collection plan if needed).* YES [ ] NO [X] Unknown [ ]

Site map(s) [Figure(s)_____] illustrating changes in flow direction is/are included in Appendix _____

IV-B) Hydrologic Summary (continued)

Is groundwater flow in the impacted aquifers being influenced by pumping from nearby water supply wells?

YES	NO	Unknown
	X	

If yes, please explain how this was determined and indicate which water well(s) are influencing groundwater flow. If unknown, please indicate whether this issue is important at this site (outlining data collection plan if needed).

There are no nearby supply wells.

Site map(s) [Figure(s) _____] illustrating changes in flow direction due to pumping from nearly water supply wells is/are included in Appendix _____

Has the average hydraulic gradient (ft/ft) been determined? *If yes, please indicate range of values (if applicable) and whether gradient is uniform across the site. Is there evidence of a vertical gradient? If "N/A", please explain.*

YES	NO	N/A
	X	

The hydraulic gradient estimated from monitoring well MW-17 to monitoring well MW-7R using data collected on December 6, 2017 is 0.007 ft/ft.

Hydraulic gradient data and calculations included in Appendix E

Have any aquifer tests been performed at the subject site?

YES	NO
X	

If yes, please describe test method (slug test, pumping test, etc.), which wells were used, date performed and summarize test results [transmissivity, hydraulic conductivity, rate of groundwater flow, pumping rates (gpm), etc.]

FGE was not authorized to perform aquifer testing.

GTI performed slug tests on well MW-5, MW-6 and MW-8 for the RAP. An average hydraulic conductivity was calculated at 40.25 ft/day.

Aquifer test data and calculations included in Appendix F

IV-B) Hydrologic Summary (continued)

Depth to groundwater in upper zone water-table wells (ft):	2.97	to	4.40	Average (ft):	3.60
Depth to groundwater in lower zone vertical extent wells (ft):		to		Average (ft):	

Observed maximum range of upper zone fluctuation (ft): _____ Tidally influenced? Yes [ ] No [X]

IV-C) Risk Evaluation

	YES	NO
Is human health, safety, or welfare affected by exposure to the contamination or will the contamination substantially affect, or migrate to and substantially affect a known public or private source of potable water? *If yes, please describe in detail.*	[ ]	[X]

No public or private potable wells are located with ½ mile of the site.

SECTION V - Post Assessment Summary & Recommendations

Filled out AFTER site assessment has been completed

V-A) Site Assessment Summary

The Site Assessment Summary table shall be completed and submitted as an attachment to this TSAR. The summary is a separate Excel worksheet.

Site Assessment Summary completed and included as Table **6** in Appendix A.

	YES	NO
Are all the documents submitted to date adequate to meet the site assessment requirements of Rule 62-780.600, Florida Administrative Code (F.A.C.)?	X	

V-B) Recommendations

	YES	NO
Is No Further Action (NFA) without conditions recommended? If yes, please provide reasons NFA is appropriate.		X

	YES	NO
Is No Further Action (NFA) with conditions recommended? If yes, please provide reasons conditional NFA is appropriate and describe the conditions [the needed institutional or engineering controls] *pursuant to Rule 62-770.680(2), F.A.C.*		X

There were no vadose zone soil impacts detected and only limited groundwater impacts. However the detected impacts were located adjacent to the property boundary and may extend across the property line towards the retention pond.

V-B) Recommendations (continued)

	YES	NO
If the groundwater plume is shrinking or stable is there any reason that Remediation by Natural Attenuation (RNA) cannot be the selected remedial strategy?		X

If no, outline the proposed monitoring plan including monitoring wells, sampling parameters and sampling frequency. If yes, specify why natural attenuation is not appropriate.

Natural Attenuation should be considered as a remedial strategy, sampling wells MW-7R, MW-14, MW-16, and MW-17 semi annually by EPA Method 8260 (BTEX & MTBE) and EPA Method 8270 (LLPAH).

Monitoring Wells: MW-7R, MW-14, MW-16, MW-17

Contaminants: VOCs, PAHs Frequency: Semi-annual Duration: 2 yrs

	YES	NO
Is Source Removal (soil or free product) recommended? If yes, please outline proposed method and extent of source removal (is dewatering needed?)		X

Site map (Figure _____) illustrating proposed extent of excavation is included in Appendix _____

Site Name: Apex Station
Facility ID #: 36/8840379
Date: September 13, 2018

SECTION VI - Program Issues
(for state funded cleanup sites)

List of all consultant company personnel (not subcontractor employees) that participated in the field work or helped to prepare the report:

Name	Duties	Dates On-Site (if applicable)		
Tim Foster	Reconnaissance Survey	02/24/17	thru	02/24/17
John Brodnax / Robert Schrom	Groundwater Sampling	03/23/17	thru	12/28/17
Timothy Foster / John Brodnax	Well Installations	7/25/17	thru	7/25/17
Timothy Foster / John Brodnax	Soil Boring Program /Groundwater Sampling	12/6/17	thru	12/6/17
John Brodnax / Timothy Foster	Groundwater Sampling	6/5/18	6/5/18	5/4/18
Timothy Foster	Report Preparation	6/20/18	thru	7/18/18
			thru	

VI-A) Work Plan and Cost Summary

Briefly summarize initial work plan.

The initial work plan was a generic Low Score Assessment written by the FDEP.
It consisted of:

File Review
Health & Safety Plan
Site Reconnaissance / Groundwater Gauging
The performance of 12 soil borings to 12 ft-bls
The installation of 6 shallow well to 12 ft-bls, the installation of 1 deep well to 35 ft-bls
The collection of 23 groundwater samples
TSAR Preparation

Copy of original work order or task assignment is included in appendix H

Was any extra work authorized? *If yes, please summarize extra work planned for site.*	YES	NO
	X	

Added sampling rounds of the existing wells were completed based on initial groundwater sampling results and additional time required for an access agreement with the new property owner.

Copies of all authorization forms are included in Appendix J

Appendix A

Tables

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
A-1	12/22/1988		2	0	
			4	0	
			6	0	
			8	117	
			10	89	
A-2	12/22/1988		2	0	
			4	0	
			6	0	
			8	0	
			10	0	
A-3	12/22/1988		2	0	
			4	0	
			6	61	
			8	68	
			10	51	
A-4	12/22/1988		2	0	
			4	0	
			6	0	
			8	0	
			10	0	
A-5	12/22/1988		2	0	
			4	0	
			6	0	
			8	65	
			10	52	
A-6	12/22/1988		2	1,809	
			4	>2,000	
			6	>2,000	
			8	>2,000	
			10	>2,000	
A-7	12/22/1988		2	0	
			4	0	
			6	500	
			8	210	
			10	127	
A-8	12/22/1988		2	71	
			4	>2,000	
			6	>2,000	
			8	>2,000	
			10	130	

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Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
A-9	12/22/1988		2	>2,000	
			4	>2,000	
			6	>2,000	
			8	1,450	
			10	720	
A-10	12/22/1988		2	0	
			4	>2,000	
			6	510	
			8	240	
			10	170	
A-11	12/22/1988		2	0	
			4	0	
			6	230	
			8	200	
			10	58	
A-12	12/22/1988		2	60	
			4	>2,000	
			6	>2,000	
			8	>2,000	
			10	560	
A-13	12/22/1988		2	>2,000	
			4	>2,000	
			6	>2,000	
			8	>2,000	
			10	1,580	
A-14	12/22/1988		2	>2,000	
			4	>2,000	
			6	>2,000	
			8	>2,000	
			10	1,790	
A-15	12/22/1988		2	0	
			4	0	
			6	360	
			8	1,010	
			10	690	
A-16	12/22/1988		2	0	
			4	0	
			6	230	
			8	320	
			10	50	
A-17	12/22/1988		2	20	
			4	>2,000	
			6	>2,000	
			8	>2,000	
			10	1,760	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
A-18	12/22/1988		2	>2,000	
			4	>2,000	
			6	>2,000	
			8	>2,000	
			10	330	
A-19	12/22/1988		2	0	
			4	0	
			6	0	
			8	0	
			10	0	
A-20	12/22/1988		2	>2,000	
			4	>2,000	
			6	>2,000	
			8	1,980	
			10	170	
A-21	12/22/1988		2	0	
			4	0	
			6	0	
			8	0	
			10	0	
A-22	12/22/1988		2	0	
			4	0	
			6	0	
			8	0	
			10	0	
A-23	12/22/1988		2	1,690	
			4	>2,000	
			6	>2,000	
			8	1,780	
			10	1,530	
A-24	12/22/1988		2	>2,000	
			4	>2,000	
			6	1,780	
			8	1,048	
			10	1,000	
A-25	12/22/1988		2	160	
			4	230	
			6	670	
			8	570	
			10	300	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
A-26	12/22/1988		2	>2,000	
			4	>2,000	
			6	>2,000	
			8	>2,000	
			10	1,820	
A-27	12/22/1988		2	0	
			4	>2,000	
			6	>2,000	
			8	1,910	
			10	650	
A-28	12/22/1988		2	0	
			4	60	
			6	310	
			8	270	
			10	30	
A-29	12/22/1988		2	0	
			4	0	
			6	0	
			8	0	
			10	0	
MW-9	3/28/1991		4	18	
MW-10	3/28/1991		2	8	
			3	78	
			4	>1,000	
SB-1	3/28/1991		2	<10	
			3.5	<10	
SB-2	3/28/1991		2	>1,000	
			3.5	>1,000	
SB-3	3/28/1991		2	0	
			3.5	<10	
SB-4	3/28/1991		2	0	
			3.5	0	
SB-5	3/28/1991		2	0	
			3.5	96	
SB-6	3/28/1991		2	0	
			3.5	4	
SB-7	3/28/1991		2	0	
			3.5	0	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
SB-8	3/28/1991		2	>1,000	
			3.5	>1,000	
SB-9	3/28/1991		2	>1,000	
			3.5	>1,000	
SB-10	3/28/1991		2	600	
			3.5	>1,000	
SB-11	3/28/1991		2	>1,000	
			3.5	>1,000	
SB-12	3/28/1991		2	40	
			3.5	110	
SB-13	3/28/1991		2	0	
			3.5	0	
SB-14	3/28/1991		2	0	
			3.5	0	
SB-15	3/28/1991		2	0	
			3.5	0	
SB-16	3/28/1991		2	0	
			3.5	0	
SB-17	3/28/1991		2	0	
			3.5	0	
SB-01	2/11/2004	~4.5	1	0	
			2	0	
			3	0	
			4.5	0	
SB-02	2/11/2004	~4.5	1	0	
			2	0	
			3	0	
			4.5	21	
SB-03	2/11/2004	~4.5	1	0	Lab Sample "SB-3 Low"
			2	0	
			3	0	
			4.5	0	
SB-04	2/11/2004	~4.5	1	0	
			2	0	
			3	169	
			4.5	580	
SB-05	2/11/2004	~4.5	1	0	
			2	14	
			3	12	
			4.5	67	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
SB-06	2/11/2004	~4.5	1.5	0	
			2.5	2,520	Lab Sample "SB-6 Medium"
			3.5	886	
			4.5	2,253	
SB-07	2/11/2004	~4.5	1.5	0	
			2.5	0	
			3.5	630	
			4.5	>9,000	
SB-08	2/11/2004	~4.5	1.5	0	
			2.5	>9,000	Lab Sample "SB-8 High"
			3.5	>9,000	
			4.5	>9,000	
SB-09	2/11/2004	~4.5	1.5	0	
			2.5	0	
			3.5	100	
			4.5	301	
SB-10	2/11/2004	~4.5	1.5	0	Lab Sample "SB-10 Low"
			2.5	0	
			3.5	0	
			4.5	34	
SB-11	2/11/2004	~4.5	1.5	0	
			2.5	0	
			3.5	0	
			4.5	0	
SB-12	2/11/2004	~4.5	1.5	0	
			2.5	0	
			3.5	0	
			4.5	23	
SB-13	2/11/2004	~4.5	1.5	0	
			2.5	0	
			3.5	24	
			4.5	39	
SB-14	2/11/2004	~4.5	1.5	192	
			2.5	974	
			3.5	1,339	
			4.5	2,592	
SB-15	2/11/2004	~4.5	1.5	0	
			2.5	0	
			3.5	3,111	
			4.5	>10,000	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
SB-16	2/11/2004	~4.5	1.5	711	
			2.5	>9,000	
			3.5	>9,000	
			4.5	>9,000	
SB-17	2/11/2004	~4.5	1.5	0	
			2.5	0	
			3.5	23	
			4.5	59	
SB-18	2/11/2004	~4.5	1.5	0	
			2.5	119	
			3.5	4000	
			4.5		
SB-19	2/11/2004	~4.5	1.5	0	
			2.5	191	
			3.5	808	
			4.5	682	
SB-20	2/11/2004	~4.5	1.5	78	
			2.5	1,539	Lab Sample "SB-2 Medium"
			3.5	>9,000	
			4.5	>9,000	
SB-1	11/2/2006	~4.0	0 - 2	0	
			2 - 4	0	
			4 - 6	0	
SB-2	11/2/2006	~4.0	0 - 2	NA	Refusal
SB-3	11/2/2006	~4.0	0 - 2	NA	Pea-Gravel
SB-4	11/2/2006	~4.0	0 - 2	3	
			2 - 4	1420	Lab Sample SB-4
			4 - 6	2451	
SB-5	11/2/2006	~4.0	0 - 2	NA	Pea-Gravel
SB-6	11/2/2006	~4.0	0 - 2	0	
			2 - 4	156	
			4 - 6	1920	
				0	
SB-7	11/2/2006	~4.0	0 - 2	0	
			2 - 4	0	
			4 - 6	4	
SB-8	11/2/2006	~4.0	0 - 2	143	
			2 - 4	0	Lab Sample SB-8
			4 - 6	0	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
SB-9	11/2/2006	~4.0	0 - 2	0	
			2 - 4	0	
			4 - 6	0	
SB-10	11/2/2006	~4.0	0 - 2	1	
			2 - 4	0	
			4 - 6	0	
SB-11	11/2/2006	~4.0	0 - 2	8	
			2 - 4	1	
			4 - 6	1	
SB-12	11/2/2006	~4.0	0 - 2	0	
			2 - 4	0	
			4 - 6	0	
SB-13	11/2/2006	~4.0	0 - 2	0	
			2 - 4	0	
			4 - 6	0	
SB-14	11/2/2006	~4.0	0 - 2	58	Lab Sample SB-14
			2 - 4	689	
			4 - 6	1094	
SB-15	11/2/2006	~4.0	0 - 2	0	
			2 - 4	0	
			4 - 6	0	
SB-16	11/2/2006	~4.0	0 - 2	NA	
			2 - 4	0	
			4 - 6	0	
SB-17	11/2/2006	~4.0	0 - 2	0	
			2 - 4	0	
			4 - 6	0	
SB-18	11/2/2006	~4.0	0 - 2	NA	
			2 - 4	NA	
			4 - 6	NA	
SB-19	11/2/2006	~4.0	0 - 2	0	
			2 - 4	0	
			4 - 6	NA	
SB-20	11/2/2006	~4.0	0 - 2	0	
			2 - 4	0	
			4 - 6	0	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
MW-16	7/25/17	~1.0	1	0.0	
			2	0.0	
			3	42.1	
			4	173.0	
			6	864	
			8	94.3	
			10	16.1	
			12	1.4	
MW-17	7/25/17	~1.0	1	0.0	
			2	0.0	
			3	0.0	
			4	1.3	
			6	23.4	
			8	1.6	
			10	6.3	
			12	0.4	
B-1	12/6/17	~3.0	1	1.0	
			2	0.7	
			3	0.1	
			4	0.6	
			6	677	
			8	33.0	
			10	49.0	
			12	9.3	
B-2	12/6/17	~3.0	1	103.0	
			2	10.0	
			3	0.0	
			4	0.5	
			6	0.6	
			8	0.4	
			10	2.0	
			12	8.1	
B-3	12/6/17	~3.0	1	3.0	
			2	37.1	Sample "B-3 1-2"
			3	262	Sample "B-3 2-3"
			4	1,333	
			6	3,240	
			8	150	
			10	168	
			12	9.1	
B-4	12/6/17	~3.0	1	3.0	
			2	2.0	
			3	2.0	
			4	2.6	
			6	3.1	
			8	18.1	
			10	34.0	
			12	15.0	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
B-5	12/6/17	~3.0	1	na	
			2	0.4	
			3	1.4	
			4	1,501	
			6	362	
			8	196	
			10	309	
			12	16.3	
B-6	12/6/17	~3.0	1	44.0	
			2	2.2	
			3	33.0	Sample "B-6 2-3"
			4	268	
			6	3,285	
			8	113	
			10	845	
			12	21.2	
B-7	12/6/17	~3.0	1	0.0	
			2	0.0	
			3	0.0	
			4	0.0	
			6	0.0	
			8	0.0	
			10	0.0	
			12	0.0	
B-8	12/6/17	~3.0	1	0.0	
			2	0.0	
			3	0.0	
			4	0.0	
			6	0.0	
			8	0.0	
			10	0.0	
			12	0.0	
B-9	12/6/17	~3.0	1	0.0	
			2	0.0	
			3	0.0	
			4	0.0	
			6	0.3	
			8	1.8	
			10	0.5	
			12	0.0	

TABLE 1 - SOIL OVA SCREENING RESULTS

Site Name: Apex Station
Address 27990 Tamiami Trail, Bonita Springs, Lee County
Facility ID# 36/8840379

ft - feet
ppm - parts per million
OVA - Organic Vapor Analyzer
NA - Not Analyzed

Boring #	Date	Depth to Water (ft)	Depth (ft)	Net OVA Reading (ppm)	Comments
B-10	12/6/17	~3.0	1	0.0	
			2	1.1	
			3	0.0	
			4	13.0	
			6	67.0	
			8	19.0	
			10	41.0	
			12	5.0	
B-11	12/6/17	~3.0	1	0.0	
			2	0.4	
			3	38.0	Sample "B-11 2-3:
			4	1,841	
			6	861	
			8	75.6	
			10	54.3	
			12	20.1	

TABLE 2: SOIL ANALYTICAL SUMMARY - VOAs, TRPHs and Metals

Facility ID#: 36/8840379 **Facility Name: Apex Station**

See notes at end of table.

Sample				OVA	Laboratory Analyses										
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (ftbls)	Net OVA Reading (ppm)	Benzene (mg/kg)	Ethyl-benzene (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TRPHs (mg/kg)	Arsenic (mg/kg)	Cad-mium (mg/kg)	Chro-mium (mg/kg)	Lead (mg/kg)	Comments
SB-3 Low	2/11/2004	~4.5	1	0	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	9.85	NS	NS	NS	NS	
SB-6 Medium	2/11/2004	~4.5	2.5	2,520	<0.0066	<0.0066	<0.0066	0.0200	<0.0066	12.7	NS	NS	NS	NS	
SB-8 High	2/11/2004	~4.5	1/2/1900	>9,000	<0.0058	<0.0058	<0.0058	<0.017	<0.0058	12.0	NS	NS	NS	NS	
SB-10 Low	2/11/2004	~4.5	1.5	0	<0.0070	<0.0070	<0.0070	<0.021	<0.0070	61.8	NS	NS	NS	NS	
SB-20 Medium	2/11/2004	~4.5	2.5	1,539	<0.0058	<0.0058	<0.0058	0.0789	<0.0058	131.0	NS	NS	NS	NS	
SB-4 @ 4'	11/2/2006	~4.0	4	1,420	<0.00044	0.18	0.00096	0.0530	<0.00031	45	NS	NS	NS	NS	
SB-8 @ 2'	11/2/2006	~4.0	2	143	<0.00042	<0.00018	0.00071	<0.00023	<0.00029	36	NS	NS	NS	NS	
North Wall	12/13/2007	~5.0	3	NR	0.00095 U	0.0025	0.0022	0.0195	0.0063 I	8.4 U	NS	NS	NS	NS	
South Wall	12/13/2007	~5.0	3	NR	0.0011	0.00025 U	0.00051 U	0.00065	0.0081 I	8 U	NS	NS	NS	NS	

TABLE 2: SOIL ANALYTICAL SUMMARY - VOAs, TRPHs and Metals

Facility ID#: 36/8840379 **Facility Name: Apex Station**

See notes at end of table.

Sample				OVA	Laboratory Analyses										
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (ftbls)	Net OVA Reading (ppm)	Benzene (mg/kg)	Ethyl-benzene (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TRPHs (mg/kg)	Arsenic (mg/kg)	Cad-mium (mg/kg)	Chro-mium (mg/kg)	Lead (mg/kg)	Comments
West Wall	12/13/2007	~5.0	3	NR	0.0047	0.0023	0.00054 U	0.0021 I	0.0031 I	8.3 U	NS	NS	NS	NS	
B-3	12/6/2017	~3.0	1-2	37	0.0035 U	0.0039 U	0.0037 U	0.0071 U	0.0034 U	7.8 U	NS	NS	NS	NS	
B-3	12/6/2017	~3.0	2-3	262	0.0025 U	0.0028 U	0.0027 U	0.0050 U	0.0025 U	7.0 U	NS	NS	NS	NS	
B-6	12/6/2017	~3.0	2-3	33	0.0025 U	0.0028 U	0.0027 U	0.0051 U	0.0025 U	6.0 U	NS	NS	NS	NS	
B-11	12/6/2017	~3.0	2-3	38	0.0024 U	0.0027 U	0.0026 U	0.0049 U	0.0024 U	2.8 U	NS	NS	NS	NS	
Leachability Based on Groundwater Criteria (mg/kg)					0.007	0.6	0.5	0.2	0.09	340	*	7.5	38	*	
Direct Exposure Residential (mg/kg)					1.2	1,500	7,500	130	4,400	460	2.1	82	210	400	

Notes:
NA = Not Available.
NS = Not Sampled.
MTBE = Methyl-tertiary-butyl-ether
TRPH = Total Recoverable Petroleum Hydrocarbons
mg/kg = milligrams per kilogram
ft = feet
ftbls = feet below land surface
ppm = parts per million
* = Leachability value may be determined using TCLP.
U = Indicates the compound was analyzed for, but not detected.
I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

TABLE 2: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample				OVA	Laboratory Analyses											
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (tfbls)	Net OVA Reading (ppm)	Naph-thalene (mg/kg)	1-Methyl-naph-thalene (mg/kg)	2-Methyl-naph-thalene (mg/kg)	Acen-aph-thene (mg/kg)	Acen-aph-thylene (mg/kg)	Anthra-cene (mg/kg)	Benzo (g,h,i) pery-lene (mg/kg)	Fluoran-thene (mg/kg)	Fluor-ene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)	Comments
SB-3 Low	2/11/2004	~4.5	1	0	<0.0370	<0.0370	<0.370	ND	ND	ND	ND	ND	ND	ND	ND	
SB-6 Medium	2/11/2004	2.5	2.5	2,520	<0.0370	<0.0370	<0.370	ND	ND	ND	ND	ND	ND	ND	ND	
SB-8 High	2/11/2004	~4.5	1/2/1900	>9,000	<0.0370	<0.0370	<0.370	ND	ND	ND	ND	ND	ND	ND	ND	
SB-10 Low	2/11/2004	~4.5	1.5	0	<0.0410	<0.0410	<0.0410	ND	ND	ND	ND	ND	ND	ND	ND	
SB-20 Medium	2/11/2004	~4.5	2.5	1,539	<0.0370	<0.0370	<0.370	ND	ND	ND	ND	ND	ND	ND	ND	
SB-4 @ 4'	11/2/2006	~4.0	4	1,420	1.2	1.5	**21**	0.23	0.03	0.0045	<0.0022	0.0032	0.079	0.025	<0.0019	
SB-8 @ 2'	11/2/2006	~4.0	2	143	0.014	0.013	0.01	<0.0014	0.0059	<0.0015	<0.002	<0.0018	<0.0017	<0.0017	<0.0017	
SB-14 @ 2'	11/2/2006	~4.0	2	58.1	0.054	0.069	0.13	0.26	0.0120	<0.0018	0.00	<0.0021	0.06	<0.002	<0.002	
North Wall	12/13/2007	~5.0	3	NR	0.0059	0.0017 U	0.013	0.0013 U	0.0033 U	0.0014 U	0.0036	0.0024	0.0016 U	0.0016 U	0.011	
South Wall	12/13/2007	~5.0	3	NR	0.003 I	0.0016 U	0.002 U	0.0013 U	0.0031 U	0.0018 I	0.0018 U	0.0017 U	0.0015 U	0.0015 U	0.0015 U	
West Wall	12/13/2007	~5.0	3	NR	0.013	0.008	0.016	0.003	0.0032 U	0.0014 U	0.0048	0.0017 U	0.0016 U	0.0016 U	0.0016 U	

TABLE 2: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample				OVA	Laboratory Analyses											
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (tfbls)	Net OVA Reading (ppm)	Naph-thalene (mg/kg)	1-Methyl-naph-thalene (mg/kg)	2-Methyl-naph-thalene (mg/kg)	Acen-aph-thene (mg/kg)	Acen-aph-thylene (mg/kg)	Anthra-cene (mg/kg)	Benzo (g,h,i) pery-lene (mg/kg)	Fluoran-thene (mg/kg)	Fluor-ene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)	Comments
B-3	12/6/2017	~3.0	1-2	37	0.117	0.110	0.222	0.0300 U	0.0255 U	0.0250 U	0.0295 U	0.0268 U	0.0369 U	0.0310 U	0.0413 U	
B-3	12/6/2017	~3.0	2-3	262	0.0224 U	0.0245 U	0.0280 U	0.0253 U	0.0215 U	0.0211 U	0.0249 U	0.0226 U	0.0311 U	0.0261 U	0.0348 U	
B-6	12/6/2017	~3.0	2-3	33	0.00108 U	0.0118 U	0.0135 U	0.0122 U	0.0104 U	0.0102 U	0.0120 U	0.0109 U	0.0150 U	0.0126 U	0.0168 U	
B-11	12/6/2017	~3.0	2-3	38	0.0116 U	0.0127 U	0.0146 U	0.0132 U	0.0112 U	0.0110 U	0.0130 U	0.0118 U	0.0162 U	0.0136 U	0.0181 U	
Leachability Based on Groundwater Criteria (mg/kg)					1.2	3.1	8.5	2.1	27	2,500	32,000	1,200	160	250	880	
Direct Exposure Residential (mg/kg)					55	200	210	2,400	1,800	21,000	2,500	3,200	2,600	2,200	2,400	

Notes:
NA = Not Available.
ND = Not Detected
NS = Not Sampled.
MTBE = Methyl-tertiary-butyl-ether
TRPH = Total Recoverable Petroleum Hydrocarbons
mg/kg = milligrams per kilogram
ft = feet
ftbls = feet below land surface
ppm = parts per million
U = Indicates the compound was analyzed for, but not detected.
I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

TABLE 2: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample				OVA	Laboratory Analyses								
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzo (a) pyrene (mg/kg)	Benzo (a) anthra-cene (mg/kg)	Benzo (b) fluoran-thene (mg/kg)	Benzo (k) fluoran-thene (mg/kg)	Chry-sene (mg/kg)	Dibenz (a,h) anthra-cene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Benzo (a) pyrene equivalent (mg/kg)	Comments
SB-3 Low	2/11/2004	~4.5	1	0	ND	ND	ND	ND	ND	ND	ND	NA	
SB-6 Medium	2/11/2004	~4.5	2.5	2,520	ND	ND	ND	ND	ND	ND	ND	NA	
SB-8 High	2/11/2004	~4.5	2.5	>9,000	ND	ND	ND	ND	ND	ND	ND	NA	
SB-10 Low	2/11/2004	~4.5	1.5	0	ND	ND	ND	ND	ND	ND	ND	NA	
SB-20 Medium	2/11/2004	~4.5	2.5	1,539	ND	ND	ND	ND	ND	ND	ND	NA	
SB-4 @ 4'	11/2/2006	~4.0	4	1,420	<0.0023	<0.0016	<0.0017	<0.0017	<0.0015	<0.0009	<0.002	NA	
SB-8 @ 2'	11/2/2006	~4.0	2	143	<0.002	<0.0014	0.002	<0.0015	0.0016	<0.0008	<0.0018	0.0	
SB-14 @ 2'	11/2/2006	~4.0	2	58.1	<0.0023	<0.0017	0.03	<0.0018	<0.0015	0.0084	0.0093	0.0	
North Wall	12/13/2007	~5.0	3	NR	0.0023	0.0014 U	0.00	0.0015 U	0.0032	0.0012 I	0.0017 U	0.0	
South Wall	12/13/2007	~5.0	3	NR	0.0018 U	0.0013 U	0.0016 I	0.0014 U	0.0012 U	0.00072 U	0.0016 U	0.0	
West Wall	12/13/2007	~5.0	3	NR	0.0022	0.0014 U	0.01	0.0014 U	0.0041	0.00074 U	0.0017 U	0.0	

TABLE 2: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample				OVA	Laboratory Analyses								
Boring/ Well No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzo (a) pyrene (mg/kg)	Benzo (a) anthra-cene (mg/kg)	Benzo (b) fluoran-thene (mg/kg)	Benzo (k) fluoran-thene (mg/kg)	Chry-sene (mg/kg)	Dibenz (a,h) anthra-cene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Benzo (a) pyrene equivalent (mg/kg)	Comments
B-3	12/6/2017	~3.0	1-2	37	0.0096 U	0.0237 U	0.0617 U	0.0177 U	0.0292 U	0.0413 U	0.0413 U	NA	
B-3	12/6/2017	~3.0	2-3	262	0.0081 U	0.0200 U	0.0520 U	0.0149 U	0.0247 U	0.0348 U	0.0348 U	NA	
B-6	12/6/2017	~3.0	2-3	33	0.0039 U	0.0097 U	0.0251 U	0.0072 U	0.0119 U	0.0168 U	0.0168 U	NA	
B-11	12/6/2017	~3.0	2-3	38	0.0042 U	0.0104 U	0.0271 U	0.0078 U	0.0128 U	0.0181 U	0.0181 U	NA	
Leachability Based on Groundwater Criteria (mg/kg)					8	0.8	2.4	24	77	0.7	6.6	**	
Direct Exposure Residential (mg/kg)					0.1	#	#	#	#	#	#	0.1	

Notes:
NA = Not Available.
ND = Not Detected
NS = Not Sampled.
MTBE = Methyl-tertiary-butyl-ether
TRPH = Total Recoverable Petroleum Hydrocarbons
mg/kg = milligrams per kilogram
ft = feet
ftbls = feet below land surface
ppm = parts per million
** = Leachability value not applicable.
# = Direct Exposure value not applicable except as part of the Benzo(a)pyrene equivalent.
U = Indicates the compound was analyzed for, but not detected.
I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

TABLE 3A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-Dibromo-ethane (EDB)	Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
OW-1	1/18/1988	**16,100**	**32,500**	NA	**12,400**	NA	NS	NS
	1/13/1989	**8,800**	**1,350**	**150**	**3,540**	NA	NS	NS
	12/17/1990	**3,300**	**220**	**800**	**4,200**	**620**	<0.02	11
OW-2	1/18/1988	**8,380**	**9,250**	NA	**4,840**	NA	NS	NS
	1/13/1989	**19,000**	**25,000**	**1,240**	**7,300**	NA	NS	NS
	12/17/1990	**3,000**	**7,100**	**1,100**	**9,800**	**410**	<0.02	**16**
OW-3	1/18/1988	**28,300**	**26,800**	NA	**10,300**	NA	NS	NS
	1/13/1989	**23,000**	**22,000**	**800**	**6,410**	NA	NS	NS
	12/17/1990	**2,000**	**660**	**230**	**1,200**	**410**	<0.02	13
OW-4	1/18/1988	**7,200**	**7,870**	NA	**5,470**	NA	NS	NS
	1/13/1989	**16,000**	**9,100**	**400**	**3,530**	NA	NS	NS
	12/17/1990	**2,700**	**640**	**290**	**1,900**	**800**	<0.02	12
	10/13/1993	**800**	**5**	**86**	**10**	**110**	NS	NS
	3/3/1994	110.00	<1	<1	<1	24	NS	NS
	6/29/1994	30.00	1.00	4.00	<1	22	NS	NS
	8/30/1994	14.00	<1	<1	13.00	14	NS	NS
	11/30/1994	27.00	1.00	<1	2.00	47	NS	NS
RW-1	1/28/1994	**48**	<1	<1	7	16	NS	NS
	3/3/1994	**48**	6	4	14	19	NS	NS
	6/29/1994	**40**	<1	1	2	9	NS	NS
	8/30/1994	**33**	<1	<1	<1	<8	NS	NS
	11/30/1994	**60**	10	8	10	**23**	NS	NS
	5/6/2003	<1.00	<1.00	1.09	<1.00	<1.00	NS	NS
RW-2	1/28/1994	<1	<1	<1	<1	<8	NS	NS
	3/3/1994	<1	<1	<1	<1	<8	NS	NS
	6/29/1994	**40**	<1	<1	<1	<8	NS	NS
	8/30/1994	**580**	4	18	54	<8	NS	NS
	11/30/1994	<1	<1	<1	<1	<8	NS	NS
	5/6/2003	<1	<1	<1	<1	<1	NS	NS
RW-3	1/28/1994	**280**	9	**160**	35	**43**	NS	NS
	3/3/1994	**36**	<1	4	6	**21**	NS	NS
	6/29/1994	<1	<1	<1	<1	<8	NS	NS
	11/30/1994	**58**	4	15	7	**38**	NS	NS
	5/6/2003	**34.0**	<1.0	8.16	12.8	**182**	NS	NS
MW-5	12/17/1990	<0.20	<0.50	<0.80	<0.170	<0.8	<0.02	33
	10/13/1993	<1	<1	<1	<1	<8	NS	NS
	3/3/1994	<1	<1	<1	<1	<8	NS	NS
	6/29/1994	<1	<1	<1	<1	<8	NS	NS
	8/30/1994	<1	<1	<1	<1	<8	NS	NS
	11/30/1994	<1	<1	<1	<1	<8	NS	NS
	2/13/1995	<1	<1	<1	<1	<8	NS	NS
	11/13/2006	<0.2	<0.19	<0.16	<0.24	<0.21	NS	NS

TABLE 3A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-Dibromo-ethane (EDB)	Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-6	12/17/1990	<0.20	<0.50	<0.80	<0.170	<0.8	<0.02	110
	11/13/2006	<0.2	<0.19	<0.16	<0.24	<0.21	NS	NS
MW-6R	5/15/2008	0.2 U	0.19 U	0.16 U	0.24 U	0.21 U	NS	NS
	8/16/2010	0.19U	0.2U	0.18U	0.49U	0.2U	NS	NS
	4/22/2011	0.19U	0.2U	0.18U	0.49U	0.2U	NS	NS
	3/23/2017	0.10U	0.50U	0.50U	1.5U	0.50U	NS	NS
	12/6/2017	NS	NS	NS	NS	NS	NS	NS
MW-7	12/17/1990	**6,200**	**3,900**	**97**	4,700	**340**	<0.02	13
	3/3/1994	**970**	29	**92**	500	**20**	NS	NS
	6/29/1994	**4,100**	37	**400**	1,140	**130**	NS	NS
	8/30/1994	**3,000**	**51**	**250**	780	27	NS	NS
	11/30/1994	**3,000**	19	**140**	470	<8	NS	NS
	5/6/2003	**789**	32.8	**1,750**	103	**1,200**	NS	NS
	10/3/2003	**91**	5.2	**445**	9.2	**22.9**	NS	NS
	12/5/2005	**7.4**	2.4	**290**	18	<0.21	NS	NS
	11/13/2006	**2.1**	1.9	**250**	9.1	6.5	NS	NS
MW-7R	5/15/2008	**9.8**	0.95 U	**690**	1.2 U	1 U	NS	NS
	1/22/2009	**1**	1.3 V	**300**	5.45	0.58 I	NS	NS
	8/16/2010	0.69 I	0.2 U	**250**	4.31	<0.26 I	NS	NS
	7/12/2001	0.25 I	0.26 U	4.4	1.47 I	0.27 I	NS	NS
	7/19/2012	0.18 U	0.16 U	3.0	0.86 U	0.27 U	NS	NS
	1/23/2013	0.33 U	0.78 U	**37**	1.1 U	0.37 U	NS	NS
	7/25/2013	0.33 U	0.78 U	**39**	1.1 U	0.37 U	NS	NS
	6/5/2014	0.33 U	0.78 U	18	1.1 U	0.37 U	NS	NS
	9/16/2014	0.33U	1.1i	**32**	2.4i	0.37U	NS	NS
	12/12/2014	0.33U	0.84i	**71**	5	0.37U	NS	NS
	3/23/2017	0.11 I	0.50 U	20.4	1.5 U	0.50 U	NS	NS
	12/6/2017	0.10 U	0.50 U	22.8	1.5 U	0.50 U	0.0075 U	5.0 U
	6/5/2018	0.10 U	0.50 U	2.4	1.5 U	0.50 U	NS	NS
MW-8	12/17/1990	<0.20	<0.50	<0.80	<0.170	<0.8	<0.02	23
MW-9	4/4/1991	0.3	NR	NR	NR	<5	NS	NS
	4/4/2003	<1	<5	<1	<2	<5	NS	NS
	2/10/2004	<1.0	<2.0	<2.0	<6.0	0.74	NS	NS
	11/13/2006	<0.2	<0.19	1	<0.24	<0.21	NS	NS
	5/21/2008	0.2 U	0.19 U	0.16 U	0.24 U	0.21 U	NS	NS
	8/16/2010	0.19 U	0.2 U	0.18 U	0.49 U	0.2 U	NS	NS
	4/22/2011	0.19 U	0.2 U	0.18 U	0.49 U	0.2 U	NS	NS
MW-10	4/4/1991	ND	NR	NR	NR	ND	NS	NS
	4/4/2003	<1	<5	<1	<2	<5	NS	NS
	2/10/2004	4.2	<2.0	<2.0	<6.0	3.7	NS	NS
	12/5/2005	<0.2	<0.19	<0.16	<0.24	<0.21	NS	NS
MW-10R	12/19/2006	<0.2	<0.19	<0.16	<0.24	<0.21	NS	NS
	5/21/2008	0.2 U	0.19 U	0.16 U	0.24 U	0.21 U	NS	NS
	8/16/2010	0.19 U	0.2 U	0.18 U	0.49 U	0.2 U	NS	NS
	4/22/2011	0.19 U	0.2 U	0.1 U	0.49 U	0.43i	NS	NS
	3/23/2017	0.10 U	0.50 U	0.50 U	1.5 U	0.50 U	NS	NS
	12/6/2017	NS	NS	NS	NS	NS	NS	NS

TABLE 3A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-Dibromo-ethane (EDB)	Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-11	4/4/1991	ND	NR	NR	NR	ND	NS	NS
	2/10/2004	DRY						
	12/19/2006	<0.2	<0.19	<0.16	<0.24	<0.21	NS	NS
	5/21/2008	0.2 U	0.19 U	0.16 U	0.24 U	0.21 U	NS	NS
	10/6/2008	0.2 U	0.19 U	0.16 U	0.24 U	0.21 U	NS	NS
MW-11R	8/16/2010	0.19 U	0.2 U	0.18 U	0.49 U	0.2 U	NS	NS
	4/22/2011	0.19 U	0.2 U	0.18 U	0.4 9U	0.2 U	NS	NS
	3/23/2017	0.10 U	0.5 0U	0.50 U	1.5 U	0.50 U	NS	NS
	12/6/2017	NS	NS	NS	NS	NS	NS	NS
MW-12	12/19/2006	<0.2	<0.19	<0.16	<0.24	<0.21	NS	NS
MW-12R	5/15/2008	0.19 U	0.2 U	0.18 U	0.49 U	0.2 U	NS	NS
	8/16/2010	0.19 U	0.2 U	0.18 U	0.49 U	0.2 U	NS	NS
	4/22/2011	0.19 U	0.2 U	0.18 U	0.4 9U	0.2 U	NS	NS
	3/23/2017	0.10 U	0.50 U	0.50 U	1.5 U	0.50 U	NS	NS
	12/6/2017	NS	NS	NS	NS	NS	NS	NS
MW-13	1/14/2010	**7.3**	0.37 U	0.48 U	0.94 U	0.4 U	NS	NS
	8/16/2010	0.19 U	0.2 U	0.18 U	0.49 U	0.2U	NS	NS
	4/22/2011	0.19 U	0.2 U	0.18 U	0.49 U	0.2U	NS	NS
	10/24/2011	0.19 U	0.2 U	0.18 U	0.49 U	0.2U	NS	NS
	4/18/2012	0.18 U	0.16 U	0.27 U	0.86 U	0.27 U	NS	NS
	10/22/2012	0.33 U	0.78 U	0.38 U	1.1 U	0.37U	NS	NS
	4/4/2013	0.33 U	0.78 U	0.38 U	1.1 U	0.37U	NS	NS
	8/21/2013	0.33 U	0.78 U	0.38 U	1.1 U	0.37U	NS	NS
	6/5/2014	0.33 U	0.78 U	0.38 U	1.1 U	0.37U	NS	NS
	9/16/2014	0.33 U	0.78 U	0.38 U	1.1 U	0.37U	NS	NS
	12/12/2014	0.33 U	0.78 U	0.38 U	1.1 U	0.037U	NS	NS
	3/23/2017	0.10 U	0.50 U	0.50 U	1.5 U	0.50U	NS	NS
	12/6/2017	NS	NS	NS	NS	NS	NS	NS
M-14	1/14/2010	0.39 U	0.37 U	0.7 I	1.2 I	0.4 U	NS	NS
	8/16/2010	0.19 U	0.2 U	0.51 U	0.49 U	0.2 U	NS	NS
	4/22/2011	0.19 U	0.2 U	0.65 I	0.49 U	0.2 U	NS	NS
	10/24/2011	0.19 U	0.26 U	1.9	3.09	0.18 U	NS	NS
	4/18/2012	0.18 U	0.16 U	9	0.86 U	0.27 U	NS	NS
	10/22/2012	0.33 U	0.78 U	0.38 U	1.1 U	0.37 U	NS	NS
	4/4/2013	0.33 U	0.78 U	0.38 U	1.1 U	0.37 U	NS	NS
	8/21/2013	0.33 U	0.78 U	1.5	1.1 U	0.37 U	NS	NS
	6/5/2014	0.33 U	0.78 U	0.68 I	1.1 U	0.37 U	NS	NS
	9/16/2014	0.33 U	0.78 U	0.38U	1.1 U	0.37 U	NS	NS
	12/12/2014	0.33 U	0.78 U	15	1.1 U	0.37 U	NS	NS
	3/23/2017	0.10 U	0.50 U	0.58 I	1.5 U	0.50 U	NS	NS
	12/6/2017	NS	NS	NS	NS	NS	NS	NS
	6/5/2018	0.10U	0.50U	0.50 U	1.5U	0.50U	NS	NS

TABLE 3A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample		Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-Dibromo-ethane (EDB)	Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
M-15	1/14/2010	0.51 I	0.37 U	0.66 I	0.94 U	0.46 I	NS	NS
	8/16/2010	0.19 U	0.2 U	0.18 U	0.49 U	0.2 U	NS	NS
	4/22/2011	0.19 U	0.2 U	0.18 U	0.49 U	0.2 U	NS	NS
	10/24/2011	0.19 U	0.26 U	1	3.53	0.18 U	NS	NS
	4/18/2012	0.18 UU	0.16 U	0.27 U	0.86 U	0.27 U	NS	NS
	10/22/2012	0.33U	0.78U	0.38U	1.1U	0.37U	NS	NS
	4/4/2013	0.33U	0.78U	0.38U	1.1U	0.37U	NS	NS
	8/21/2013	0.33U	0.78U	0.38U	1.1U	0.37U	NS	NS
	6/5/2014	0.33U	0.78U	0.68 I	1.1U	0.37U	NS	NS
	9/16/2014	0.33U	0.78U	0.38U	1.1U	0.37U	NS	NS
	12/12/2014	0.33U	0.78U	0.38U	1.1U	0.37U	NS	NS
	3/23/2017	0.10U	0.50U	0.50U	1.5U	0.50U	NS	NS
	12/6/2017	NS	NS	NS	NS	NS	NS	NS
MW-16	12/6/2017	0.10 U	0.50 U	3.1	1.5 U	0.50 U	NS	NS
	6/5/2018	0.10 U	0.50 U	5.1	1.5 U	0.50 U	NS	NS
MW-17	12/6/2017	0.10 U	0.50 U	0.50 U	1.5 U	0.50 U	NS	NS
	6/5/2018	0.10U	0.50U	0.50 U	1.5U	0.50U	NS	NS
PZ-1	12/17/1990	<0.20	<0.50	<0.80	<0.170	<0.8	<0.02	28
	12/5/2005	<0.2	<0.19	<0.16	<0.24	<0.21	NS	NS
	11/13/2006	<0.2	<0.19	<0.16	<0.24	<0.21	NS	NS
DW-1	12/19/2006	<0.2	<0.19	<0.16	<0.24	<0.21	NS	NS
Pond	12/6/2017	0.10 U	0.50 U	0.50 U	1.5 U	0.50 U	NS	NS
GCTLs		1**	40**	30**	20**	20	0.02**	15**
NADCs		100	400	300	200	200	2	150
FSW		71.28	480	610	370	34,000	26	***

Notes: NA = Not Available.

NS = Not Sampled. ug/L = Micrograms per Liter

MTBE = Methyl-tertiary-butyl-ether

TRPH = Total Recovery Petroleum Hydrocarbons

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

FSW = Freshwater Surface Water Criteria Concentrations specified in Table I of Chapter 62-777, F.A.C.

BOLD = Concentrations were reported above Groundwater Cleanup Target Levels (GCTLs)

*** = For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

** = As provided in Chapter 62-550, F.A.C.

U = Indicates the compound was analyzed for, but not detected.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

V = Indicates the analyte was detected in both the sample and method blank.

TABLE 3B: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample		TRPHs	Naph-thalene	1-Methyl-naph-thalene	2-Methyl-naph-thalene	Acen-aph-thene	Acen-aph-thylene	Anthra-cene	Benzo (g,h,i) pery-lene	Fluoran-thene	Fluor-ene	Phenan-threne	Pyrene	Benzo (a) pyrene	Benzo (a) anthra-cene	Benzo (b) fluoran-thene	Benzo (k) fluoran-thene	Chry-sene	Dibenz (a,h) anthra-cene	Indeno (1,2,3-cd) pyrene
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
OW-1	12/17/1990	3,600	**830**	**390**	**430**	<1.8	**230**	<0.66	<0.043	0.8	8.9	2.8	<0.27	<0.023	<0.113	<0.018	<0.017	<0.15	**0.6**	<0.030
OW-2	12/17/1990	4,100	1,200	470	520	<1.8	260	<0.66	<0.043	2.8	20	5.2	<0.27	<0.023	<0.113	<0.018	<0.017	<0.15	<0.076	<0.030
OW-3	12/17/1990	2,400	**524**	**320**	**470**	<1.8	130	<0.66	<0.043	2.9	21	7.6	<0.27	<0.023	<0.113	<0.018	<0.017	<0.15	<0.076	<0.030
OW-4	12/17/1990	3,300	**540**	**180**	**420**	<1.8	160	2.7	0.2	2.4	17	7.8	<0.27	<0.023	<0.113	<0.018	<0.017	<0.15	**0.7**	<0.030
	3/3/1994	ND	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	10/13/1993	901	130	78	53	<0.1	2	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	6/29/1994	35	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	8/30/1994	27	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	11/30/1994	30	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
RW-1	1/28/1994	55	4	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	3/3/1994	72	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	6/29/1994	43	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	8/30/1994	33	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	11/30/1994	88	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	5/6/2003	NS	<2.00	<2.00	<2.00	<2.00	<5.00	<1.00	>2.00	<1.00	<2.00	<5.00	<5.00	<0.200	<0.200	<0.200	<0.500	<2.00	<0.200	<0.200
RW-2	3/3/1994	ND	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	6/29/1994	40	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	8/30/1994	656	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	11/30/1994	ND	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	5/6/2003	NS	<2.00	<2.00	<2.00	<2.00	<5.00	<1.00	>2.00	<1.00	<2.00	<5.00	<5.00	<0.200	<0.200	<0.200	<0.500	<2.00	<0.200	<0.200
RW-3	1/28/1994	484	5.00	9.00	2.00	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	3/3/1994	46	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	6/29/1994	45	**24**	5	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	11/30/1994	84	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	5/6/2003	NS	4.55	<2.00	1.77	<2.00	<5.00	<1.00	>2.00	<1.00	<2.00	<5.00	<5.00	<0.200	<0.200	<0.200	<0.500	<2.00	<0.200	<0.200
MW-5	10/13/1990	ND	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	12/20/1990	<1,000	<1.8	<1.8	<1.8	<1.8	<2.3	<0.66	<0.043	<0.21	<0.21	<0.64	<0.21	<0.023	<0.113	<0.18	<0.017	<0.15	<0.076	<0.030
	3/3/1994	ND	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	6/29/1994	ND	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	8/30/1994		<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	11/30/1994	ND	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0

TABLE 3B: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample		TRPHs	Naph-thalene	1-Methyl-naph-thalene	2-Methyl-naph-thalene	Acen-aph-thene	Acen-aph-thylene	Anthra-cene	Benzo (g,h,i) pery-lene	Fluoran-thene	Fluor-ene	Phenan-threne	Pyrene	Benzo (a) pyrene	Benzo (a) anthra-cene	Benzo (b) fluoran-thene	Benzo (k) fluoran-thene	Chry-sene	Dibenz (a,h) anthra-cene	Indeno (1,2,3-cd) pyrene
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-6	12/20/1990	<1,000	<1.8	<1.8	<1.8	<1.8	<2.3	<0.66	<0.043	<0.21	<0.21	<0.64	<0.21	<0.023	<0.113	<0.18	<0.017	<0.15	<0.076	<0.030
	11/13/2006	NS	<0.87	<0.08	<0.08	<0.064	<0.067	<0.02	<0.023	<0.023	<0.012	<0.03	<0.041	<0.021	<0.02	<0.02	<0.019	<0.021	<0.0093	<0.023
MW-6R	5/15/2008	NS	0.059 I	0.03 U	0.048 U	0.078 U	0.043 U	0.011 U	0.014 U	0.025 U	0.025 U	0.028U	0.026 I	0.017 U	0.012 U	0.011 U	0.018 U	0.047 U	0.022 U	0.037 U
	8/16/2010	NS	0.16	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	4/22/2011	NS	0.11 I	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	3/23/2017	800 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.034 U	0.029 U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	12/17/1990	2,000	**600**	**200**	**170**	<1.8	200.00	<0.66	<0.043	<0.21	7.7	1.1	<0.27	<0.023	<0.113	<0.18	<0.017	<0.15	<0.076	<0.030
	3/3/1994	1,591	**120**	24	16	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	6/29/1994	5,677	**170**	**48**	19	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	8/30/1994	4,081	**290**	**36**	**73**	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	11/30/1994	3,629	<0.2	<0.2	<0.2	<0.1	<0.4	<1.0	<4.0	<0.8	<0.8	<1.2	<0.6	<5.6	<4.0	<4.0	<4.0	<1.6	<4.0	<4.0
	5/6/2003	NS	**338**	**84.7**	**58.7**	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	10/3/2003	NS	**624**	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	11/13/2006	NS	**530**	**130**	**220**	160	21	0.02	<0.023	<0.023	51	0	<0.041	<0.021	<0.02	<0.02	<0.019	<0.021	<0.0093	<0.03
MW-7R	5/15/2008	NS	**300 V**	**59**	**70 V**	1.6	2.1 I	0.017 I	0.014 U	0.031 U	0.025 U	0.47 V	0.04 I	0.017 U	0.012 U	0.011 U	0.018 U	0.047 U	0.022 U	0.037 U
	1/22/2009	NS	**200**	**65**	**75**	0.32	0.14	0.022 U	0.023 U	0.025 U	0.34	0.16	0.05 V	0.0097 U	0.019 U	0.013 U	0.021 U	0.022 U	0.0083 U	0.025
	8/16/2010	NS	**160**	**80**	**80**	0.24	0.036 U	0.36 U	0.036 U	0.36 U	0.21	0.083 I	0.036 U	0.36 U	0.036 U	0.36 U	0.036 U	0.36 U	0.036 U	0.036 U
	7/12/2001	NS	**68**	23	15	0.35	0.0044 U	0.0064 U	0.0046 U	0.0043 U	0.21	0.059 I	0.0063 U	0.0036 U	0.0041 U	0.0041 U	0.0059 U	0.011 U	0.0097 U	0.0097 U
	7/19/2012	NS	**7.5**	6.6	0.58	0.26	0.038 I	0.015 I	0.011 U	0.016 U	0.085	0.029 I	0.012 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	1/23/2013	NS	**99**	**49**	**41**	0.38	0.01 U	0.013 U	0.016 U	0.016 U	0.19	0.057	0.016 U	0.016 U	0.012 U	0.019 U	0.026 U	0.014 U	0.0045 U	0.0074 U
	7/25/2013	NS	**80**	**28**	27	0.22	0.046 I	0.013 U	0.016 U	0.016 U	0.12	0.037 I	0.016 U	0.016 U	0.012 U	0.019 U	0.026 U	0.014 U	0.0045 U	0.0074 U
	6/5/2014	NS	**87**	**31**	18	0.36	0.087	0.026 I	0.011 U	0.016 U	0.22	0.06	0.012 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	9/16/2014	NS	**69**	**29**	7.2	0.17	0.034 I	0.015 U	0.023 U	0.031 U	0.10	0.022 I	0.023 U	0.023 U	0.024 U	0.028 U	0.027 U	0.022 U	0.0079 U	0.030 U
	12/12/2014	NS	**24**	12	0.4	0.066	0.021 I	0.013 U	0.016 U	0.016 U	0.034 I	0.018 I	0.016 I	0.016 U	0.012 U	0.019 U	0.026 U	0.014 U	0.0045 U	0.0074 U
	3/23/2017	1,200	**64.1**	23.4	24.5	0.25 I	0.025 U	0.025 U	0.028 U	0.025 U	0.16 I	0.050 I	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.034 U	0.029 U
	12/6/2017	1,500	**81.2**	**37.3**	**34.3**	0.227	0.00700U	0.00926 I	0.00399 IV	0.0165U	0.162	0.0468 I	0.0155U	0.0158U	0.00830U	0.00212U	0.0255U	0.0144U	0.00454U	0.00739U
	6/5/2018	820 U	11.6	4.0	4.9	0.040 U	0.030 U	0.043 U	0.042 U	0.018 U	0.088 U	0.16 U	0.032 U	0.074 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.012 U
MW-8	12/20/1990	<1,000	<1.8	<1.8	<1.8	<1.8	<2.3	<0.66	<0.043	<0.21	<0.21	<0.64	<0.21	<0.023	<0.113	<0.18	<0.017	<0.15	<0.076	<0.030
MW-9	11/13/2006	NS	<0.087	<0.8	<0.8	<0.064	<0.067	<0.02	<0.023	<0.023	<0.012	<0.03	<0.041	<0.021	<0.02	<0.02	<0.019	<0.021	<0.0093	<0.023
	5/21/2008	NS	0.03 U	0.03 U	0.048 U	0.078 U	0.043 U	0.011 U	0.014 U	0.025 U	0.025 U	0.028U	0.026 I	0.017 U	0.012 U	0.011 U	0.018 U	0.047 U	0.022 U	0.037 U
	8/16/2010	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	4/22/2011	NS	0.26	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
MW-10R	12/19/2006	NS	<0.087	<0.08	<0.08	<0.064	<0.067	<0.02	<0.023	<0.023	<0.012	<0.03	<0.041	<0.021	<0.02	<0.02	<0.019	<0.021	<0.0093	<0.023
	5/21/2008	NS	0.033 I	0.03 U	0.048 U	0.078 U	0.043 U	0.011 U	0.014 U	0.025 U	0.025 U	0.028U	0.026 I	0.017 U	0.012 U	0.011 U	0.018 U	0.047 U	0.022 U	0.037 U
	8/16/2010	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	4/22/2011	NS	0.094 I	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	3/23/2017	800 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.034 U	0.029 U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3B: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Sample		TRPHs	Naph-thalene	1-Methyl-naph-thalene	2-Methyl-naph-thalene	Acen-aph-thene	Acen-aph-thylene	Anthra-cene	Benzo (g,h,i) pery-lene	Fluoran-thene	Fluor-ene	Phenan-threne	Pyrene	Benzo (a) pyrene	Benzo (a) anthra-cene	Benzo (b) fluoran-thene	Benzo (k) fluoran-thene	Chry-sene	Dibenz (a,h) anthra-cene	Indeno (1,2,3-cd) pyrene
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-11R	12/19/2006	NS	<0.087	<0.08	<0.08	<0.064	<0.067	<0.02	<0.023	<0.023	<0.012	<0.03	<0.041	<0.021	<0.02	<0.02	<0.019	<0.021	<0.0093	<0.023
	5/21/2008	NS	0.033 I	0.03 U	0.048 U	0.078 U	0.043 U	0.011 U	0.014 U	0.025 U	0.025 U	0.028U	0.026 I	0.017 U	0.012 U	0.011 U	0.018 U	0.047 U	0.022 U	0.037 U
	10/6/2008	NS				0.0048 U	0.0094 U	0.0025 U	0.0028 IV	0.0049 IV	0.0097 U	0.0089 IV	0.0085 IV	0.009 U	0.0025 U	0.0036 IV	0.0023 U	0.0031 IV	0.0031 U	0.0032 IV
	8/16/2010	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	4/22/2011	NS	0.094 I	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	3/23/2017	800 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.034 U	0.029 U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	11/13/2006	NS	<0.87	<0.08	<0.08	<0.064	<0.067	<0.02	<0.023	<0.023	<0.012	<0.03	<0.041	<0.021	<0.02	<0.02	<0.019	<0.021	<0.0093	<0.023
MW-12R	5/15/2008	NS	0.067 IV	0.03 U	0.048 U	<0.064	<0.067	<0.02	<0.023	<0.023	<0.012	<0.03	<0.041	<0.021	<0.02	<0.02	<0.019	<0.021	<0.0093	<0.023
	8/16/2010	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	4/22/2011	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	3/23/2017	800 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.034 U	0.029 U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	1/14/2010	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	8/16/2010	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	10/24/2011	NS	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	10/22/2012	NS	0.074 I	0.0082 U	0.012 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	4/4/2013	NS	0.097 U	0.057 I	0.090 I	0.0087 I	0.0068 U	0.0076 U	0.011 U	0.016 U	0.0085 U	0.011 I	0.012 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	8/2/2013	NS	0.030 I	0.019 U	0.016 U	0.0082 U	0.011 U	0.013 U	0.016 U	0.016 U	0.0090 U	0.018 U	0.016 U	0.016 U	0.016 U	0.019 U	0.026 U	0.014 U	0.0045 U	0.0074 U
	6/5/2017	NS	0.043 I	0.0082 I	0.0090 U	0.0082 U	0.0068 U	0.0076 U	0.011 U	0.016 U	0.0085 U	0.0082 U	0.02 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	9/16/2014	NS	0.022 I	0.0082 U	0.0090 U	0.0082 U	0.0068 U	0.0076 U	0.011 U	0.016 U	0.0085 U	0.0082 U	0.02 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	12/12/2014	NS	0.052 I	0.019 U	0.016 U	0.0082 U	0.011 U	0.013 U	0.016 U	0.016 U	0.0090 U	0.018 U	0.016 U	0.16 U	0.012 U	0.019 U	0.026 U	0.014 U	0.0045 U	0.0074 U
	3/23/2017	800 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.034 U	0.029 U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14	1/14/2010	NS	2.9	1.3	1.8	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	8/16/2010	NS	0.98	0.37	0.27	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	4/22/2011	NS	0.036 U	0.057 I	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	10/24/2011	NS	6.7	1.5	1.1	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U
	10/22/2012	NS	0.34	0.12 I	0.012 I	0.0082 U	0.0068 U	0.0076 U	0.011 U	0.016 U	0.0085 U	0.011 I	0.012 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	4/4/2013	NS	0.72	0.22 I	0.012 I	0.036 I	0.0068 U	0.0096 I	0.052	0.064	0.0085 U	0.027 I	0.036 I	0.044 I	0.014 I	0.084	0.032 I	0.048 I	0.0040 U	0.045 I
	8/21/2013	NS	6.1	3.4	0.89	0.024 I	0.011 U	0.013 U	0.016 U	0.016 U	0.018 I	0.018 U	0.016 U	0.016 U	0.016 U	0.019 U	0.026 U	0.014 U	0.0045 U	0.0074 U
	6/5/2014	NS	2.6	2.5	0.085 I	0.017 I	0.0068 U	0.0076 U	0.011 U	0.016 U	0.010 I	0.0082 U	0.012 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	9/16/2014	NS	2.90	1.2	0.085 I	0.010 I	0.0068 U	0.0076 U	0.011 U	0.016 U	0.0085 U	0.0082 U	0.012 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	12/12/2014	NS	**21**	2.3	0.016 U	0.063	0.013 U	0.013U	0.016 U	0.016 U	0.030 I	0.018 U	0.016 U	0.016 U	0.012 U	0.019 U	0.026 U	0.014 U	0.0045 U	0.0074 U
	3/23/2017	800 U	6.2	6.7	1.0 U	0.045 I	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.034 U	0.029 U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/5/2018	770 U	0.89 I	0.41 I	0.11 U	0.040 U	0.030 U	0.043 U	0.042 U	0.018 U	0.088 U	0.16 U	0.032 U	0.074 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.012 U

TABLE 3B: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs

Facility ID#: 36/8840379 **Facility Name: Apex Station** **See notes at end of table.**

Location	Date	TRPHs (µg/L)	Naph-thalene (µg/L)	1-Methyl-naph-thalene (µg/L)	2-Methyl-naph-thalene (µg/L)	Acen-aph-thene (µg/L)	Acen-aph-thylene (µg/L)	Anthra-cene (µg/L)	Benzo (g,h,i) pery-lene (µg/L)	Fluoran-thene (µg/L)	Fluor-ene (µg/L)	Phenan-threne (µg/L)	Pyrene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (a) anthra-cene (µg/L)	Benzo (b) fluoran-thene (µg/L)	Benzo (k) fluoran-thene (µg/L)	Chry-sene (µg/L)	Dibenz (a,h) anthra-cene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)
MW-15	1/14/2010	NS	0.036 U	0.99	0.064 I	0.075 I	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	8/16/2010	NS	0.33	0.51	0.21	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	4/22/2011	NS	0.13 I	0.73	0.036 U	0.066 I	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
	10/24/2011	NS	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	10/22/2012	NS	0.20 I	0.22 I	0.059 I	0.021 I	0.0068 U	0.0076 U	0.011 U	0.016 U	0.0085 U	0.011 I	0.012 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	4/4/2013	NS	0.047 I	0.012 I	0.011 I	0.042 I	0.0068 U	0.0076 U	0.011 U	0.016 U	0.0085 U	0.011 I	0.012 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 I
	8/21/2013	NS	0.013 I	0.090 I	0.060 I	0.0082 U	0.011 U	0.013 U	0.016 U	0.016 U	0.0090 U	0.018 U	0.016 U	0.016 U	0.012 U	0.019 U	0.026 U	0.014 U	0.0045 U	0.0074 U
	6/5/2014	NS	0.072 I	0.012 I	0.0090 U	0.054	0.0068 U	0.0076 U	0.011 U	0.016 U	0.0085 U	0.011 I	0.012 U	0.012 U	0.012 U	0.014 U	0.014 U	0.011 U	0.0040 U	0.015 U
	9/16/2014	NS	0.095 I	0.012 I	0.037 I	0.019 I	0.0068 U	0.0076 U	0.22	0.2	0.0085 U	0.016 I	0.19	0.24	0.15 I	0.33	0.11	0.17	0.0064 I	0.18 I
	12/12/2014	NS	0.054 I	0.13 I	0.016 U	0.030 I	0.011 U	0.013 U	0.016 U	0.016 U	0.0090 U	0.018 U	0.016 U	0.016 U	0.012 U	0.019 U	0.026 U	0.014 U	0.0045 U	0.0074 U
	3/23/2017	800 U	1.0 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.028 U	0.025 U	0.025 U	0.050 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.034 U	0.029 U
	12/6/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-16	12/6/2017	3,600	**26.9**	12.4	15.7	0.0815	0.00700U	0.00800U	0.00484 IV	0.0165U	0.00884	0.0184U	0.0155U	0.0158U	0.00830U	0.00331 I	0.0255U	0.0144U	0.00454U	0.00739U
	6/5/2018	2,000	**30.3**	7.0	7.4	0.040 U	0.030 U	0.043 U	0.042 U	0.018 U	0.088 U	0.16 U	0.032 U	0.074 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.012 U
MW-17	12/6/2017	780 U	0.0562 I	0.0267 I	0.0373 I	0.0165 I	0.00700U	0.00800U	0.00409 IV	0.0165U	0.00898U	0.0184U	0.0155U	0.0158U	0.00830U	0.00246 I	0.0255U	0.0144U	0.00454U	0.00739U
	6/5/2018	800 U	0.048 U	0.032 U	0.11 U	0.040 U	0.030 U	0.043 U	0.042 U	0.018 U	0.088 U	0.16 U	0.032 U	0.074 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.012 U
PZ-1	12/20/1990	<1,000	<1.8	<1.8	<1.8	<1.8	<2.3	<0.66	<0.043	<0.21	<0.21	<0.64	<0.21	<0.023	<0.113	<0.18	<0.017	<0.15	<0.076	<0.030
	11/13/2006	NS	<0.087	<0.8	<0.8	<0.064	<0.067	<0.02	<0.023	<0.023	<0.012	<0.03	<0.041	<0.021	<0.02	<0.02	<0.019	<0.021	<0.0093	<0.03
DW-1	11/13/2006	NS	<0.087	<0.8	<0.8	<0.064	<0.067	<0.02	<0.023	<0.023	<0.012	<0.03	<0.041	<0.021	<0.02	<0.02	<0.019	<0.021	<0.0093	<0.03
Pond	12/6/2017	760 U	0.173 I	0.0734 I	0.0805 I	0.0100U	0.00700U	0.00800U	0.00474 IV	0.0361 I	0.00898U	0.0184U	0.0191 I	0.0158U	0.00830U	0.00507 I	0.0255U	0.0144U	0.00454U	0.00739U
GCTLs		5,000	14	28	28	20	210	2,100	210	280	280	210	210	0.2**	0.05[a]	0.05[a]	0.5	4.8	0.005[a]	0.05[a]
NADCs		50,000	140	280	280	200	2,100	21,000	2,100	2,800	2,800	2,100	2,100	20	5	5	50	480	0.5	5
FSW		5,000	26	450	30	0.03	0.031*	0.3	0.031*	0.3	30.00	0.031*	0.3	0.031*	0.031*	0.031*	0.031*	0.031*	0.031*	0.031*

Notes: NA = Not Available.

NS = Not Sampled. ug/L = Micrograms per Liter

TRPH = Total Recovery Petroleum Hydrocarbons

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

FSW = Freshwater Surface Water Criteria Concentrations specified in Table I of Chapter 62-777, F.A.C.

BOLD = Concentrations were reported above Groundwater Cleanup Target Levels (GCTLs)

* = There are no surface water standards for these polycyclic aromatic hydrocarbons. Per Chapter 62-302, F.A.C., the surface water criterion for Polycyclic Aromatic Hydrocarbons (PAHs) shall apply.

** = As provided in Chapter 62-550, F.A.C.

[a] = See the October 12, 2004 "Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits" to determine how to evaluatie data when the CTL is lower than the PQL.

U = Indicates the compound was analyzed for, but not detected.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

V = Indicates the analyte was detected in both the sample and method blank.

TABLE 4: GROUNDWATER ELEVATION DATA

Facility Name: Apex Station **Facility ID#:**

Facility Address: 27990 Tamiami Trail, Bonita Springs, Lee County **36/8840379** See notes at end of table.

WELL NO.	MW-6R			MW-7R			MW-10R			MW-11R		
DIAMETER	2"			2"			2"			2"		
WELL DEPTH	12.00			12.00			12.00			12.00		
SCREEN INTERVAL	2 - 12			2 - 12			2 - 12			2 - 12		
TOC ELEVATION	11.63			11.67			10.61			11.41		
DATE	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
08/16/10	8.44	3.19		8.30	3.37		7.72	2.89		8.33	3.08	
04/22/11	7.23	4.40		6.98	4.69		5.98	4.63		6.61	4.80	
09/16/14		NM		8.20	3.47			NM			NM	
12/12/14		NM		7.86	3.81		7.69	2.92			NM	
03/23/17	6.76	4.87		6.73	4.94		6.63	3.98		6.72	4.69	
12/06/17	7.80	3.83		7.77	3.90		7.58	3.03		7.73	3.68	
06/05/18	7.95	3.68		7.90	3.77		7.72	2.89		7.79	3.62	

WELL NO.	MW-12R			MW-13			MW-14			MW-15		
DIAMETER	2"			2"			2"			2"		
WELL DEPTH	12.00			12.00			12.00			12.00		
SCREEN INTERVAL	2 - 12			2 - 12			2 - 12			2 - 12		
TOC ELEVATION	11.40			11.78			10.59			11.54		
DATE	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
08/16/10	7.86	3.54		8.22	3.56		8.15	2.44		8.46	3.08	
04/22/11	6.13	5.27		6.50	5.28		6.87	3.72		7.23	4.31	
09/16/14		NM		8.02	3.76		7.94	2.65		8.25	3.29	
12/12/14	7.20	4.20		7.70	4.08		7.72	2.87		7.84	3.70	
03/23/17	6.05	5.35		6.73	5.05		6.68	3.91		6.75	4.79	
12/06/17	7.00	4.40		7.62	4.16		7.62	2.97		7.79	3.75	
12/06/17	7.60	3.80		7.80	3.98		7.76	2.83		7.94	3.60	

TABLE 4: GROUNDWATER ELEVATION DATA

Facility Name: Apex Station **Facility ID#:**

Facility Address: 27990 Tamiami Trail, Bonita Springs, Lee County **36/8840379** See notes at end of table.

WELL NO.	MW-16			MW-17								
DIAMETER	2"			2"								
WELL DEPTH	12.00			12.00								
SCREEN INTERVAL	2 - 12			2 - 12								
TOC ELEVATION	10.56			10.55								
DATE	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
08/16/10												
04/22/11												
09/16/14												
12/12/14												
03/23/17												
12/06/17	7.40	3.16		7.38	3.17							
12/06/17	7.51	3.05		7.49	3.06							

Notes:

All Measurements = Feet

NM = No Measurement

NI = Not Installed

CNL = Could Not Locate

ELEV = Corrected water table elevation

DTW = Depth to Water

FP = Free Product Thickness

TABLE 5: WELL CONSTRUCTION DETAILS

Facility Name: **Apex Station**
Facility Address: 27790 Tamiami Trail, Bonita Springs, Lee County
FDEP Number: 36/8840379

Well No.	Date Installed	Installation Method	Top of Casing Elevation	A/G Riser Length, If Applicable	Total Well Depth (feet)	Screened Interval (ft-bls)	Well Diameter (in.)	Comments
RW-1	Unknown	Unknown	11.33	n/a	21.0	Unknown	5	Abandoned
RW-2	Unknown	Unknown	10.00	n/a	24.0	Unknown	5	
RW-3	Unknown	Unknown	11.23	n/a	8.0	Unknown	4	Abandoned
OW-1	Unknown	Unknown	Unknown	n/a	12.0	2 - 12	4	Abandoned
OW-2	Unknown	Unknown	Unknown	n/a	12.0	2 - 12	4	Abandoned
OW-3	Unknown	Unknown	Unknown	n/a	12.0	2 - 12	4	Abandoned
OW-4	Unknown	Unknown	Unknown	n/a	12.0	2 - 12	4	Abandoned
MW-5	1/10/1989	HSA	12.04	n/a	12.0	2 - 12	2	Destroyed
MW-6	1/10/1989	HSA	12.13	n/a	12.0	2 - 12	2	Abandoned
MW-6R	5/1/2008	HSA		n/a	12.0	2 - 12	2	
MW-7	1/10/1989	HSA	12.00	n/a	12.0	2 - 12	2	Abandoned
MW-7R	5/1/2008	HSA		n/a	12.0	2 - 12	2	
MW-8	1/10/1989	HSA	Unknown	n/a	12.0	2 - 12	2	Conflicting information, possible well MW-12
MW-9	3/1/1991	HSA	10.95	n/a	12.0	1.5 - 12	2	Destroyed
MW-10	3/1/1991	HSA	10.73	n/a	12.0	1.5 - 12	2	Abandoned
MW-10R	12/11/2006	HSA	10.61	n/a	12.0	2 - 12	2	
MW-11	Unknown	Unknown	12.08	n/a	Unknown	Unknown	2	Destroyed
MW-11R	12/11/2006	HSA	11.41	n/a	12.0	2 - 12	2	
MW-12	Unknown	Unknown	12.43	n/a	Unknown	Unknown	Unknown	Abandoned
MW-12R	5/1/2008	HSA	11.40	n/a	12.0	2 - 12	1/2/1900	
MW-13	12/1/2009	HSA	11.78	n/a	12.0	2 - 12	1/2/1900	
MW-14	12/1/2009	HSA	10.59	n/a	12.0	2 - 12	2	
MW-15	15/1/09	HSA	11.54	n/a	12.0	2 - 12	2	
MW-16	6/25/2017	HSA	10.56	n/a	12.0	2 - 12	2	
MW-17	6/25/2017	HSA	10.55	n/a	12.0	2 - 12	2	
PZ-1	3/1/1991	HSA	12.09	n/a	30.0	26 - 30	2	Abandoned
DW-1	12/11/2006	HSA/MR	12.08	n/a	35.0	30 - 35	2	Abandoned

Notes: HSA - Hollow Stem Augers
MR - Mud Rotary
* - Identified as MW-15, however conflicting data from previous assessment reports.

Table 6

Site Characterization Screening Information

FDEP FAC ID #: 36/8840379

Site Name: Apex Station

Does Site Qualify for LTNAM: No

Dominant Lithology Vadose Zone

First Lithology (USCS): SM

Second Lithology (USCS): Not Applicable

Dominant Lithology Saturated Zone

First Lithology (USCS): SM

Second Lithology (USCS): Not Applicable

Average Depth to Water: 0' - 5'

Groundwater Flow Direction: Northerly

Recommended Technology for SRCO: Natural Attenuation

Combined Technology:

Consultant SRCO Cost Estimate: $50,001 - $100,000

Consultant NFAC Cost Estimate: $25,001 - $50,000

Are on-site buildings housing Sensitive Receptors No

If yes, current use of the building

Plume Characteristics	Groundwater	Soil
Shrinking or Stable	Yes	
On-site only	No	N/A
Plume <1/4 acre	Yes	N/A
Exclusion Zone Only	No	N/A
In FDOT ROW only	No	N/A
On State-Owned Land Only	No	N/A
Organoleptic Exceedence only (< HB CTLs)	No	
DE Soil Exceedences above 2'		N/A
DE Soil Exceedences from 2' to 10'		N/A
DE Soil Exceedences below 10'		N/A
Free Product	No	
Site Qualifies for LSSI NFA	No	No

DE = Direct Exposure CTLS ; HB = Health Based

GW Contaminants one per constituent	≤ GCTLs	≤ NADC	> NADC	Not Analyzed
Benzene	X			
Ethylbenzene	X			
Toluene	X			
Total Xylenes	X			
MTBE	X			
Naphthalene		X		
1-Methylnaphthalene	X			
2-Methylnaphthalene	X			
TRPHs	X			
EDB	X			
As				X
Pb	X			
Other	X			

Soil Contaminants (select one unless Leachability & Direct Exposure CTLs exceeded)	No Soil Exceedences*	Exceeds Leachability	Exceeds Direct Exposure	Not Analyzed
Benzene	X			
Ethylbenzene	X			
Toluene	X			
Total Xylenes	X			
MTBE	X			
Naphthalene	X			
1-Methylnaphthalene	X			
2-Methylnaphthalene	X			
Other PAHs	X			
TRPHs	X			
As				X
Pb	X			
Other				

* Below direct exposure and leachability (or alternative SCTLS established through SPLP or fractionation)

Appendix B

Figures

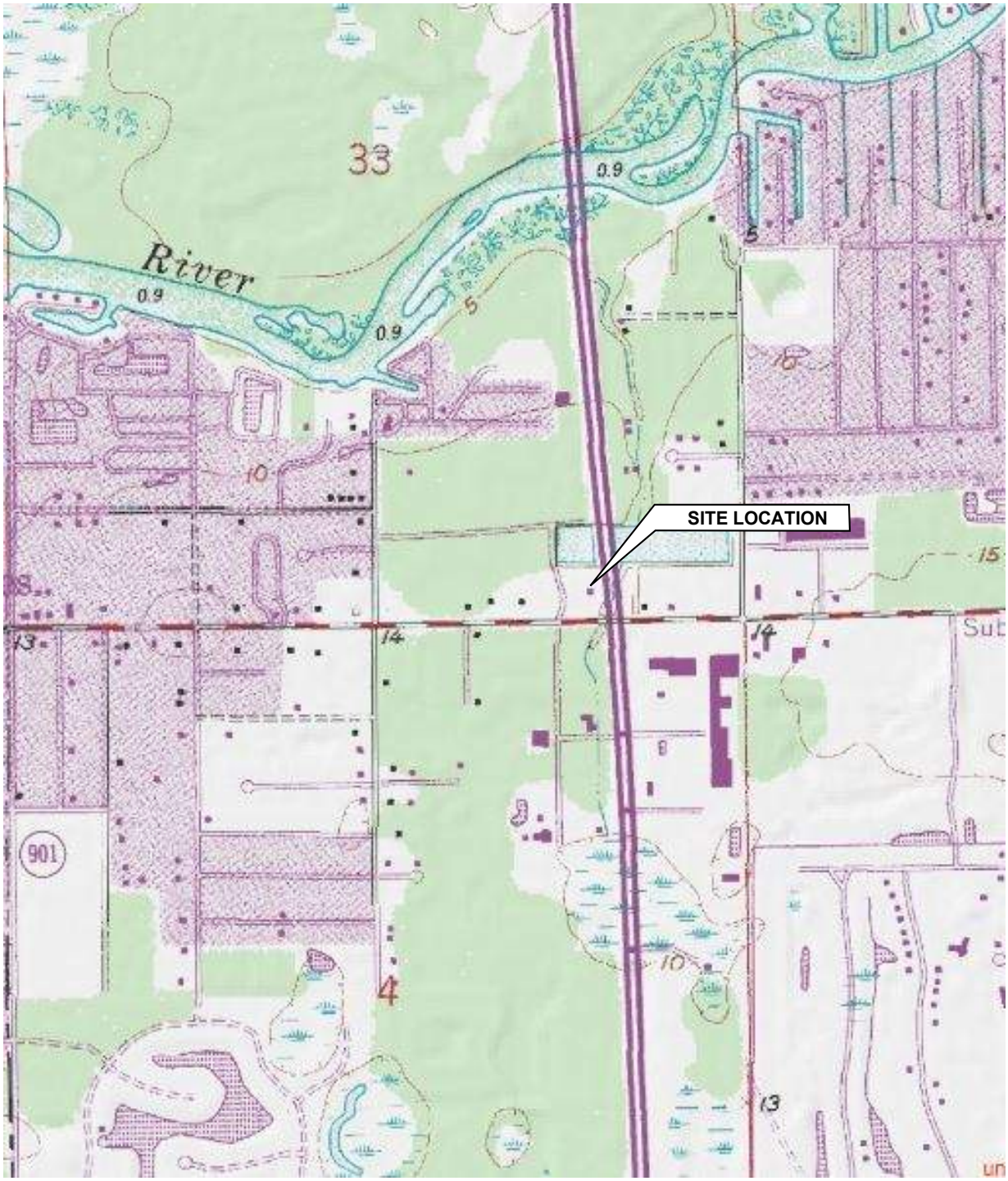


FIGURE 1
USGS TOPOGRAPHIC MAP
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FL
Source: USGS 7.5 MINUTE QUADRANGLE MAP, BONITA SRINGS, FL 1984

FGE
Florida Geotechnical Engineering, Inc.

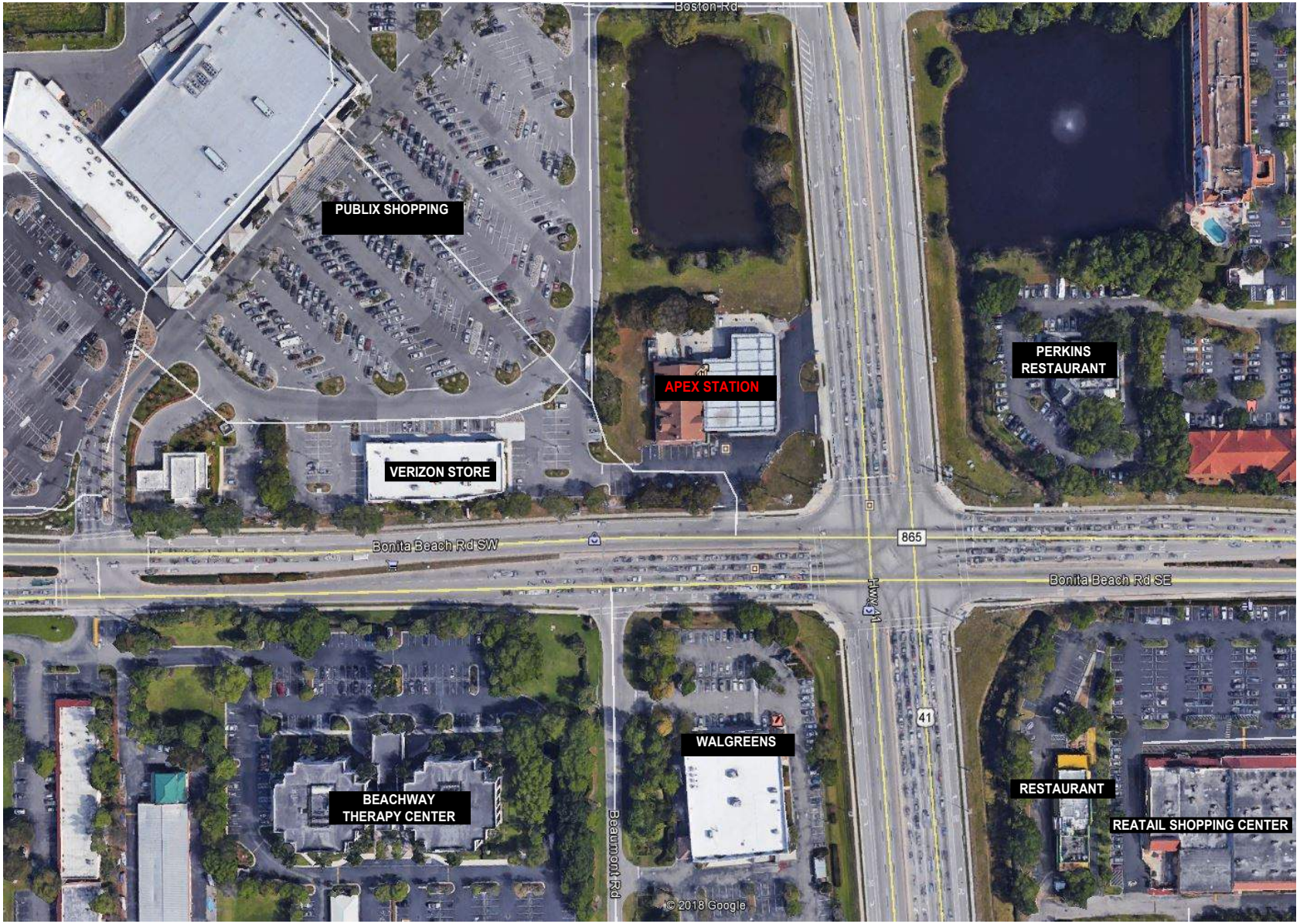
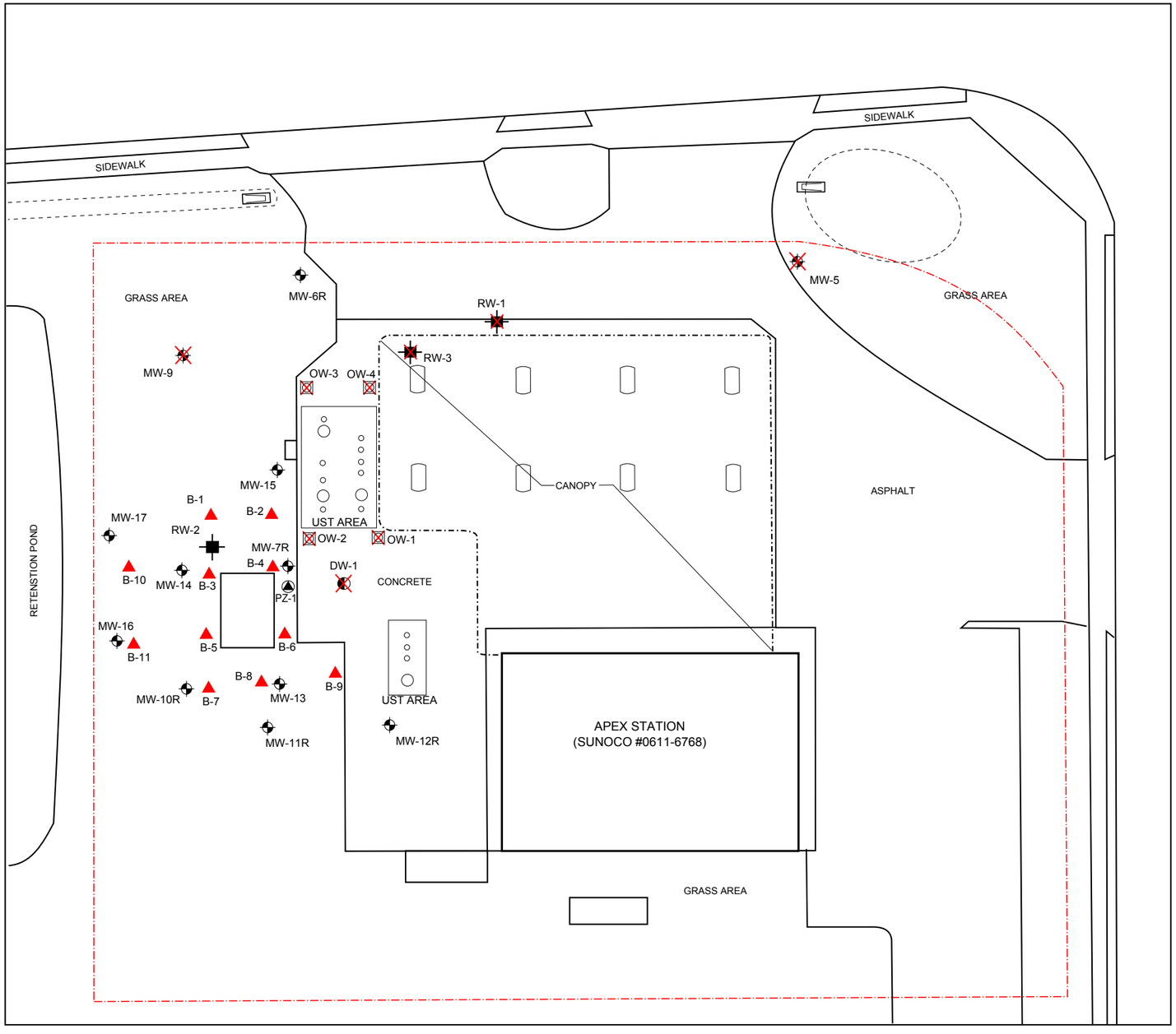


FIGURE 2
SITE VICINITY MAP
APEX STATIONS FAC ID#36/8840379
27790 TIMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FL

Source: Google Earth 2016.

FGE
Florida Geotechnical Engineering, Inc.



LEGEND

- APPROXIMATE PROPERTY BOUNDARY LINE
- EXISTING MONITORING WELL
- EXISTING RECOVERY WELL
- DEEP MONITORING WELL
- PIEZOMETER
- FORMER COMPLIANCE WELL
- ABANDONED / DESTROYED MONITORING WELL
- B-1 SOIL BORING 2017

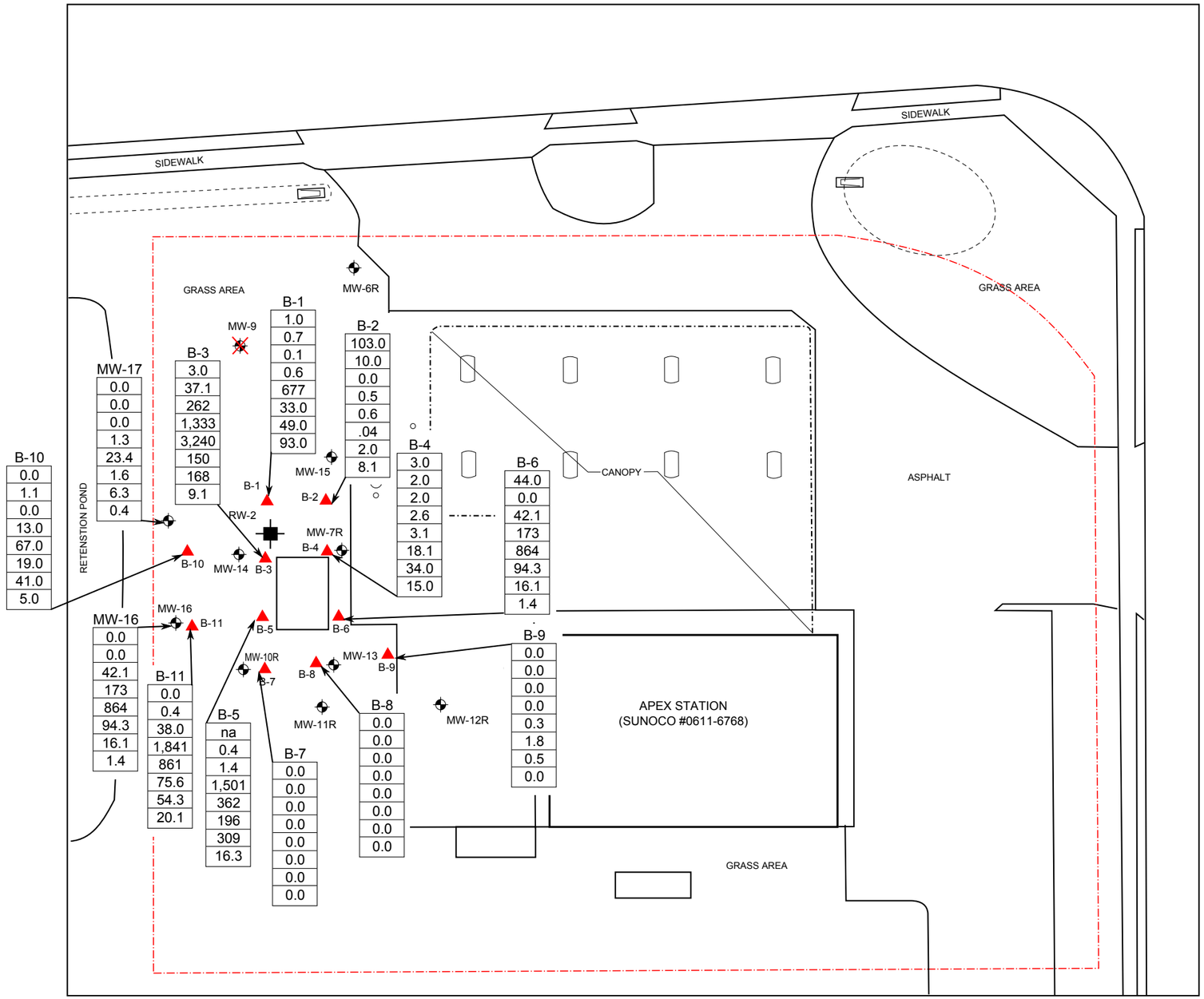
N

0 40

APPROXIMATE SCALE (FEET)

FIGURE 3
SITE PLAN
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016

FGE
Florida Geotechnical Engineering, Inc.



LEGEND

- APPROXIMATE PROPERTY BOUNDARY LINE
- EXISTING MONITORING WELL
- EXISTING RECOVERY WELL
- ABANDONED / DESTROYED MONITORING WELL
- B-1 SOIL BORING

SB-1	Depth (ft-bls)
0.1	1
0.2	2
0.1	3
0.0	4
0.1	6
0.0	8
0.0	10
0.2	12

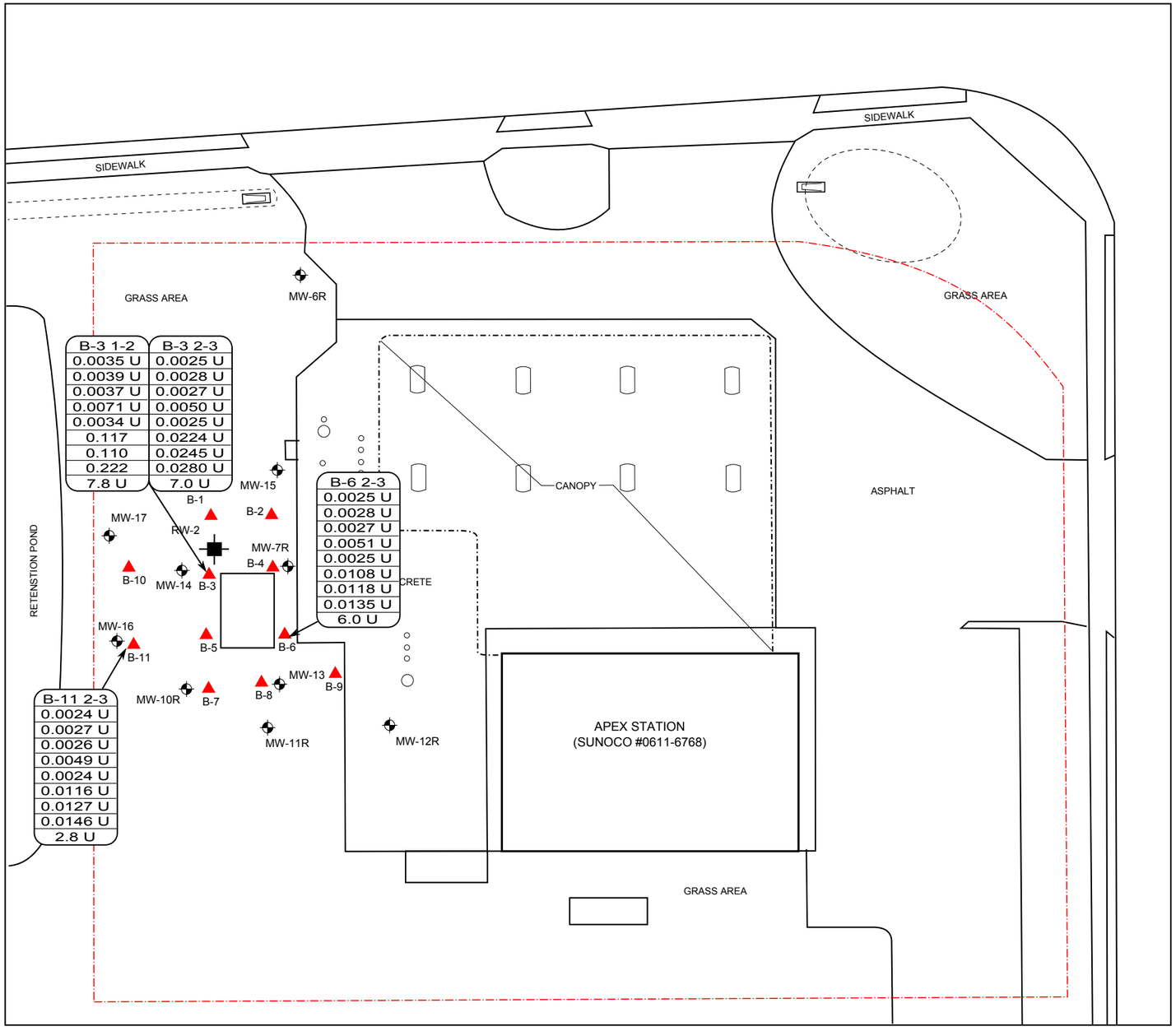
Units dispalyed in ppm
ft-bls = feet below land surface
ppm = parts per million
na = not analyzed
OVA = Organic Vapor Analyzer

N

0 40
APPROXIMATE SCALE
(FEET)

FIGURE 4
SOIL OVA SUMMARY DATA, DECEMBER 6, 2017
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016

FGE
Florida Geotechnical Engineering, Inc.



LEGEND

- APPROXIMATE PROPERTY BOUNDARY LINE
- EXISTING MONITORING WELL
- EXISTING RECOVERY WELL
- ABANDONED / DESTROYED MONITORING WELL
- B-1 SOIL BORING

B-3 1-2	Sample Location / Depth (ft)
0.0027 U	Benzene - mg/kg
0.0030 U	Ethylbenzene - mg/kg
0.0028 U	Toluene - mg/kg
0.0054 U	Total Xylenes - mg/kg
0.0025 U	MTBE - mg/kg
0.0230 U	Naphthalene - mg/kg
0.0252 U	1-Methylnaphthalene - mg/kg
0.0289 U	2-Methylnaphthalene - mg/kg
4.5 U	TRPH - mg/kg

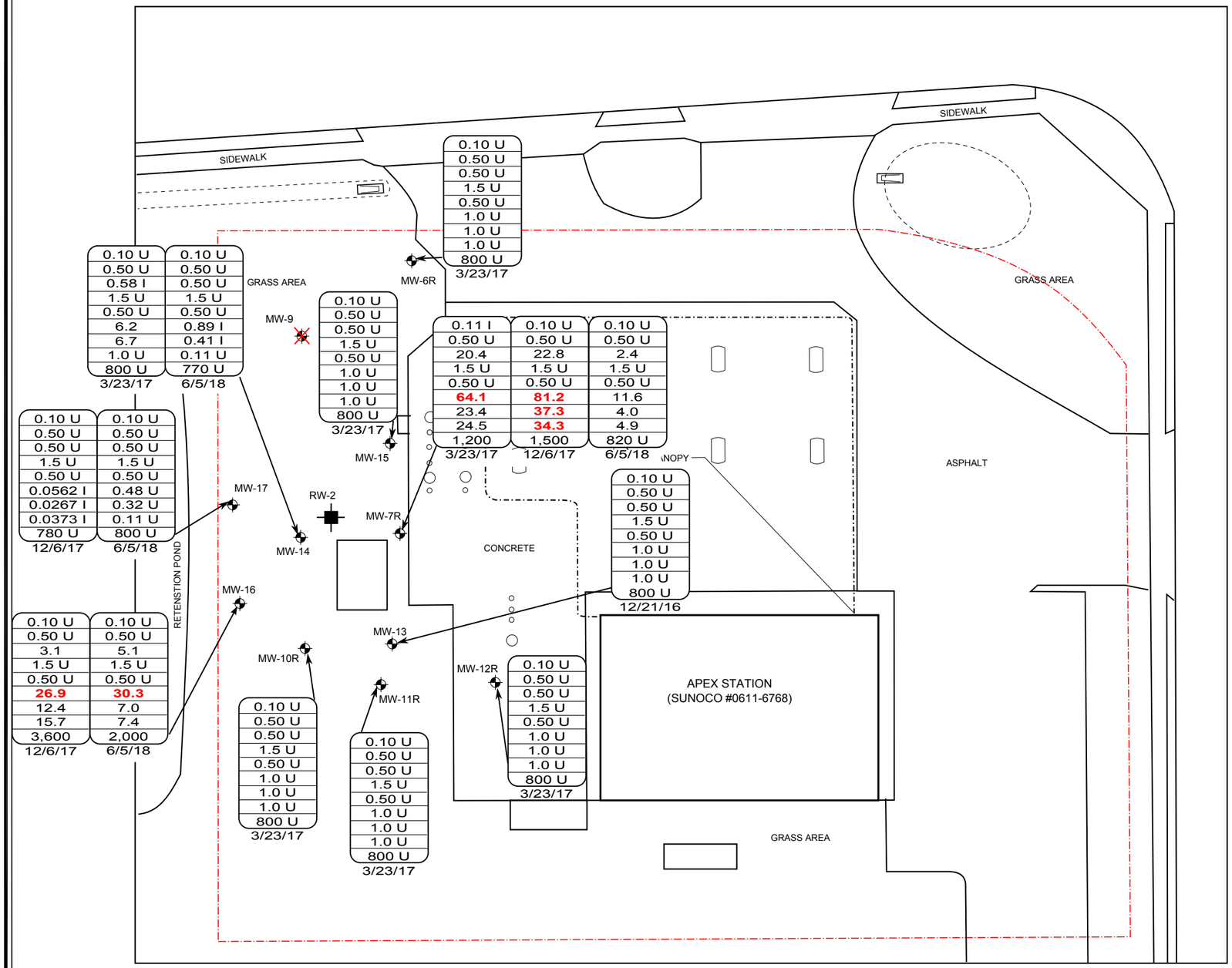
ft - feet
mg/kg - Milligrams per kilogram
U - Compound Analyzed but Not Detected
I - Value between Laboratory Method Detection Limit and Practical Quantitation Limit
MTBE - Methyl-tertiary-butyl-ether
Red bold font indicates concentration above Groundwater Cleanup Target Levels (GCTLs)
Blue bold font indicates concentration above Natural Attenuation Default Concentrations (NADCs)

N

0 40
APPROXIMATE SCALE (FEET)

FIGURE 5
SOIL ANALYTICAL DATA DECEMBER 6, 2017
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016

FGE
Florida Geotechnical Engineering, Inc.



LEGEND

APPROXIMATE PROPERTY BOUNDARY LINE

EXISTING MONITORING WELL

EXISTING RECOVERY WELL

ABANDONED / DESTROYED MONITORING WELL

0.17 I	Benzene - ug/L
0.50 U	Toluene - ug/L
0.50 U	Ethylbenzene - ug/L
1.5 U	Total Xylenes - ug/L
0.50 U	MTBE - ug/L
1.0 U	Naphthalene - ug/L
1.0 U	1-Methylnaphthalene - ug/L
1.0 U	2-Methylnaphthalene - ug/L
800 U	TRPH - ug/L
12/21/16	Sample Date

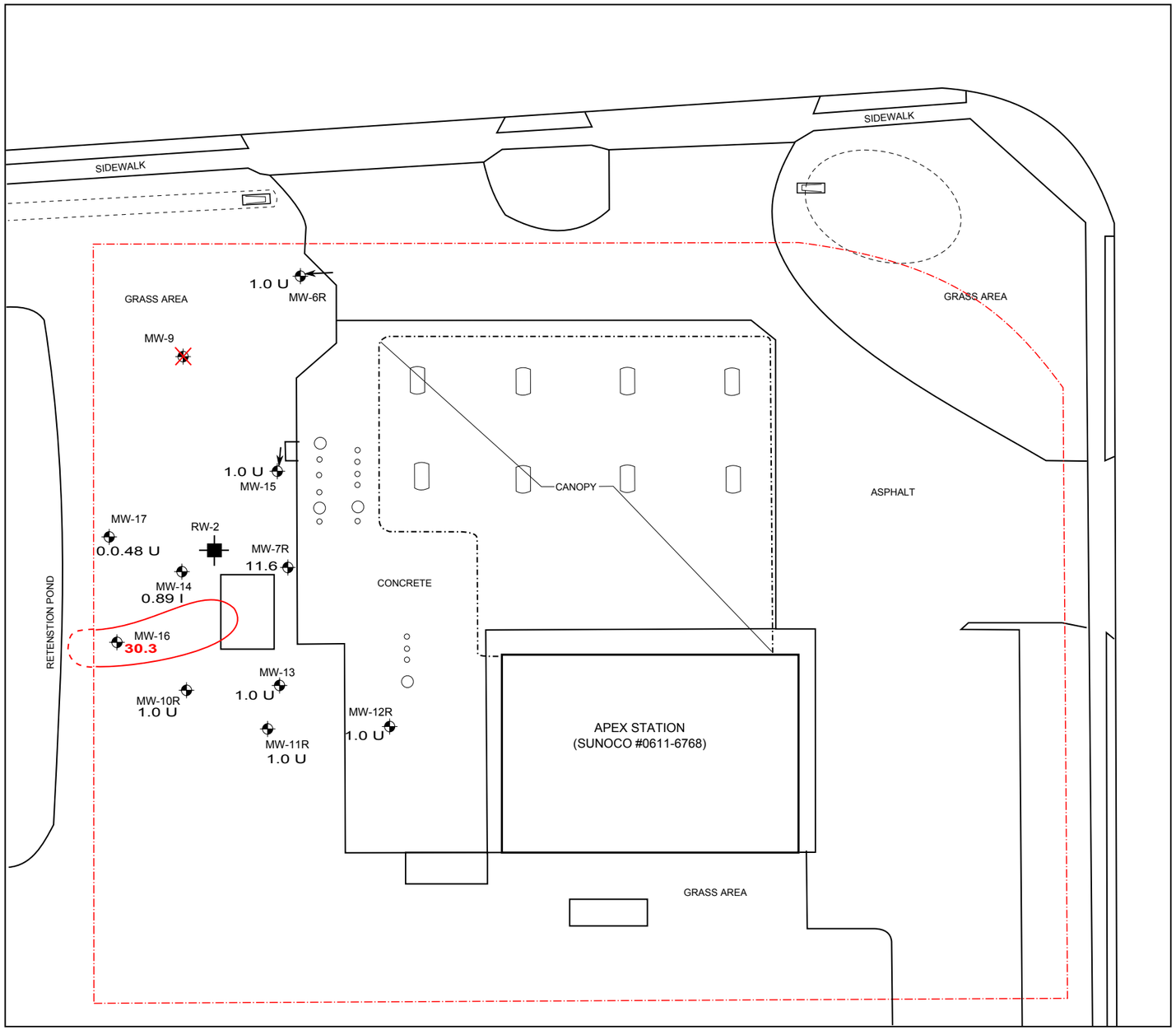
ug/L - Micrograms per Liter
U - Compound Analyzed but Not Detected
I - Value between Laboratory Method Detection Limit and Practical Quantitation Limit
MTBE - Methyl-tertiary-butyl-ether
Red bold font indicates concentration above Groundwater Cleanup Target Levels (GCTLs)
Blue bold font indicates concentration above Natural Attenuation Default Concentrations (NADCs)

N

0 40
APPROXIMATE SCALE (FEET)

FIGURE 6
GROUNDWATER ANALYTICAL DATA
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016

FGE
Florida Geotechnical Engineering, Inc.



LEGEND

APPROXIMATE PROPERTY BOUNDARY LINE

EXISTING MONITORING WELL

EXISTING RECOVERY WELL

ABANDONED / DESTROYED MONITORING WELL

30.3 Naphthalene - ug/L

Naphthalene Iso-Contour
(Dashed where Inferred)

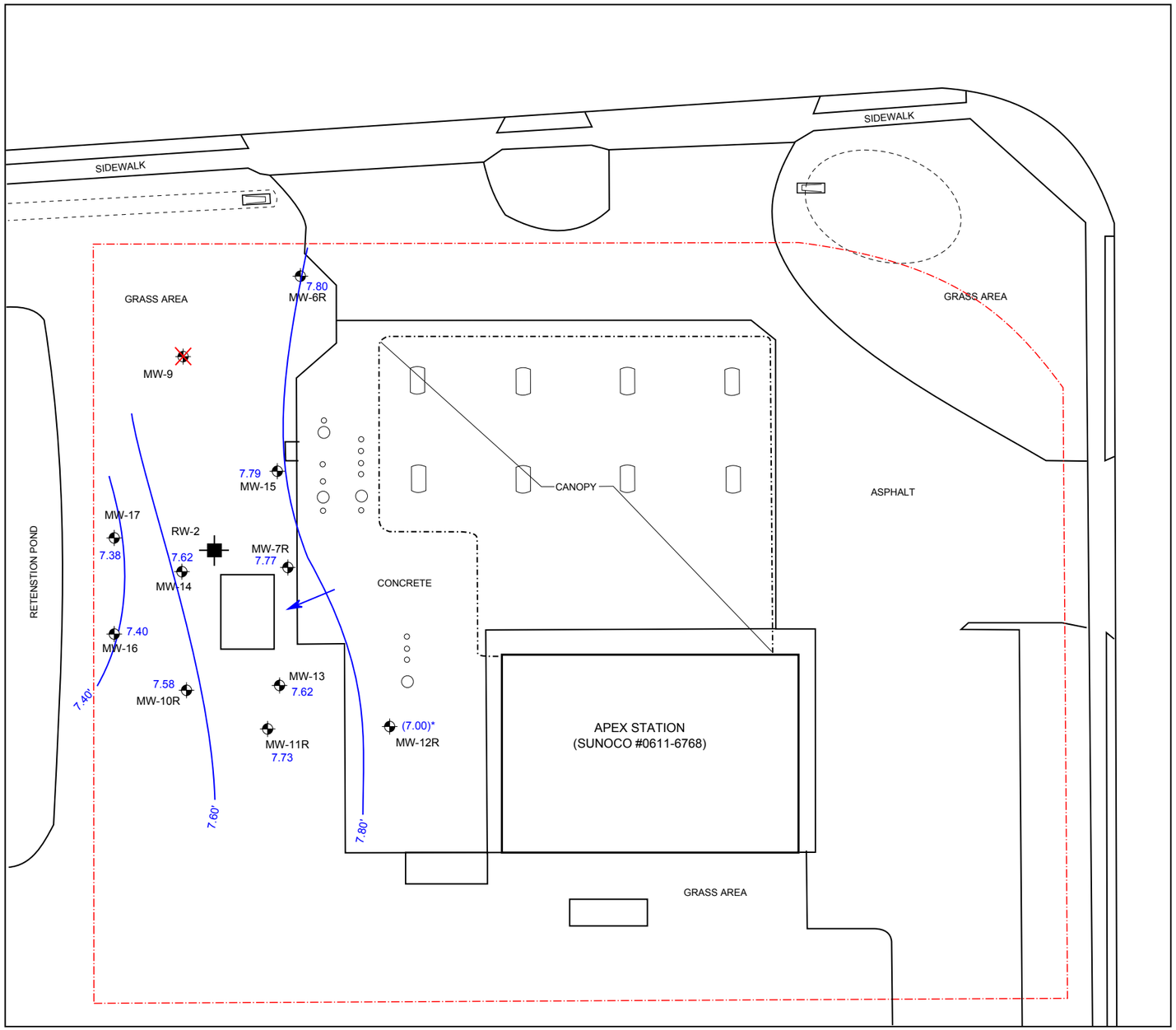
ug/L - Micrograms per Liter
U - Compound Analyzed but Not Detected
I - Value between Laboratory Method Detection Limit and Practical Quantitation Limit
Red bold font indicates concentration above Groundwater Cleanup Target Levels (GCTLs)

N

0 40
APPROXIMATE SCALE
(FEET)

FIGURE 6A
GROUNDWATER SUMMARY NAPHTHALENE ISO-CONTOUR
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016

FGE
Florida Geotechnical Engineering, Inc.



LEGEND

APPROXIMATE PROPERTY BOUNDARY LINE

EXISTING MONITORING WELL

EXISTING RECOVERY WELL

ABANDONED / DESTROYED MONITORING WELL

7.95 Elevation Data (ft)

GROUNDWATER FLOW DIRECTION

CONTROUR INTERVAL = 0.25 FT

(7.00)* - NOT USED IN COUTOURING

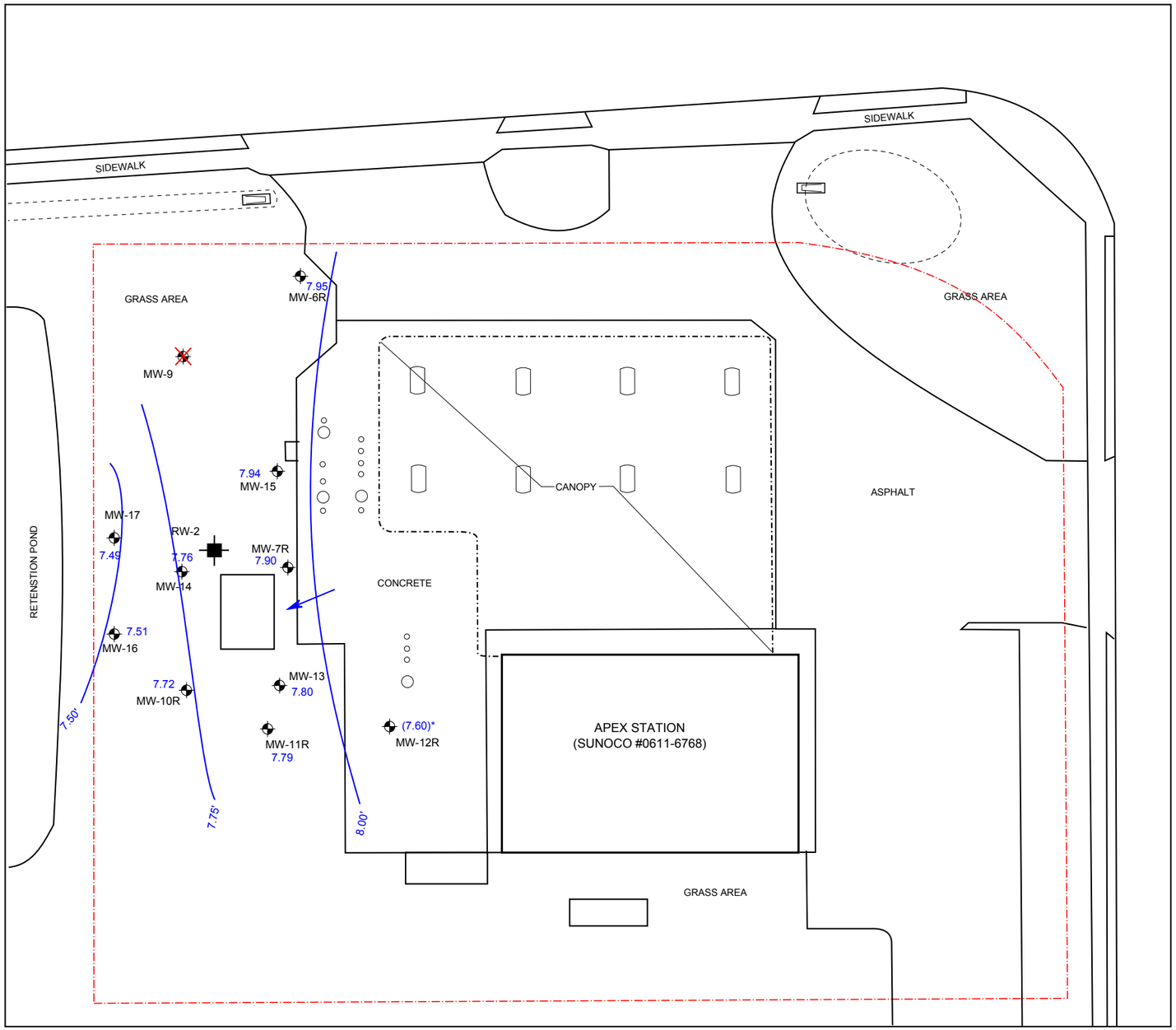
N

0 40

APPROXIMATE SCALE (FEET)

FIGURE 7A
GROUNDWATER ELEVATION DATA - DECEMBER 6, 2017
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016

FGE
Florida Geotechnical Engineering, Inc.



LEGEND

APPROXIMATE PROPERTY BOUNDARY LINE

EXISTING MONITORING WELL

EXISTING RECOVERY WELL

ABANDONED / DESTROYED MONITORING WELL

7.90 Elevation Data (ft)

GROUNDWATER FLOW DIRECTION

CONTROUR INTERVAL = 0.25 FT

(7.60)* - NOT USED IN COUTOURING

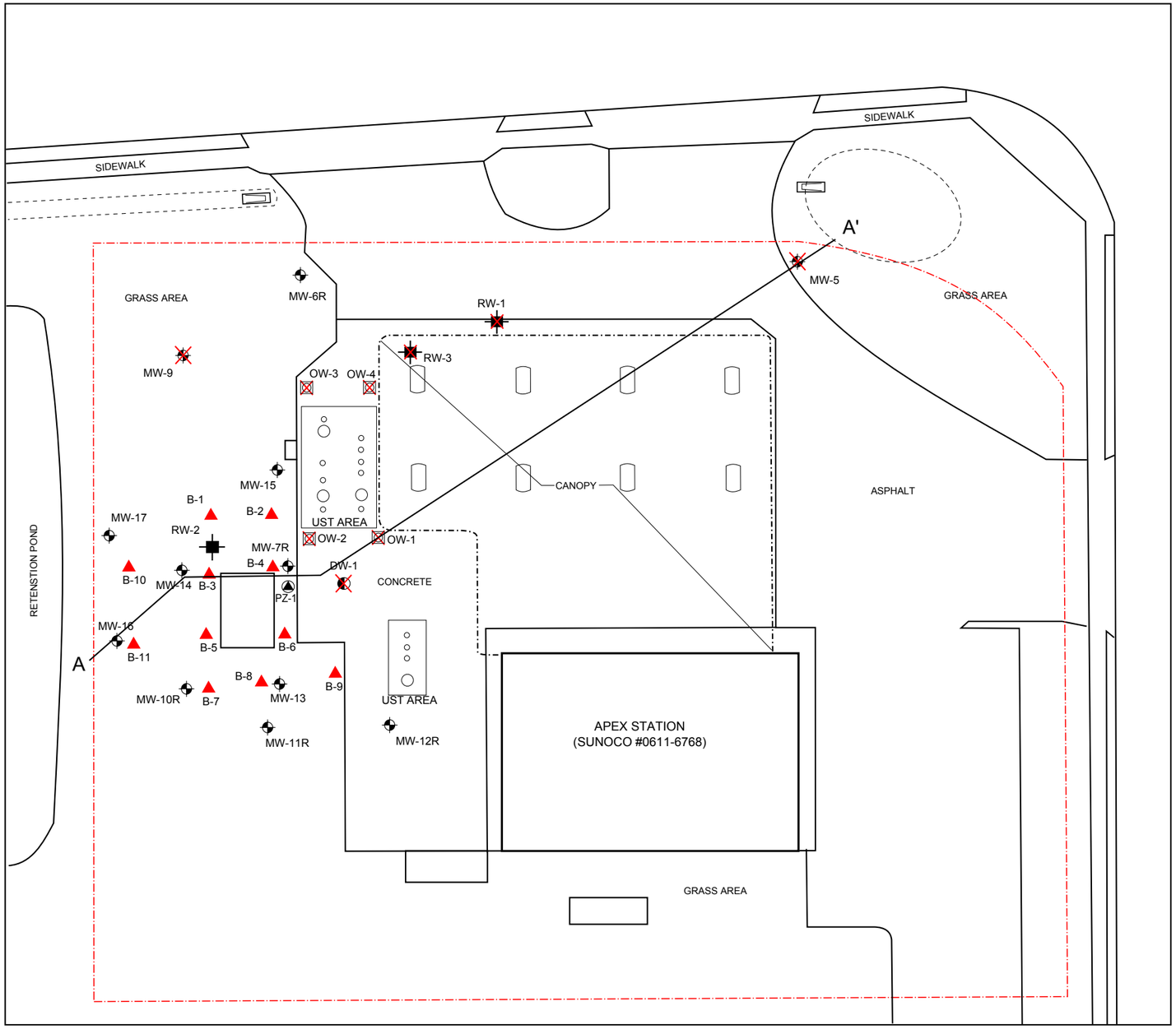
N

0 40

APPROXIMATE SCALE (FEET)

FIGURE 7B
GROUNDWATER ELEVATION DATA - JUNE 5, 2018
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016

FGE
Florida Geotechnical Engineering, Inc.



LEGEND

- APPROXIMATE PROPERTY BOUNDARY LINE
- EXISTING MONITORING WELL
- EXISTING RECOVERY WELL
- DEEP MONITORING WELL
- PIEZOMETER
- FORMER COMPLIANCE WELL
- ABANDONED / DESTROYED MONITORING WELL
- B-1 SOIL BORING 2017

N

0 40

APPROXIMATE SCALE (FEET)

FIGURE 8
LITHOLOGIC CROSS SECTION LINE
APEX STATION FAC ID# 36/8840379
27990 TAMIAMI TRAIL, BONITA SPRINGS, LEE COUNTY, FLORIDA
Source: GOOGLE EARTH 2016

FGE
Florida Geotechnical Engineering, Inc.

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road, Tallahassee, Florida, 32399-2400
Division of Waste Management
Petroleum Storage Systems
Storage Tank Facility Routine Compliance Site Inspection Report

Facility Information:

Facility ID: 8518113 County: LEE Inspection Date:05/04/2023
Facility Type: A - Retail Station
Facility Name: 7-ELEVEN STORE #40327 # of inspected ASTs: 0
27990 TAMIAMI TRL, *** SEE #8840379 *** USTs: 3
BONITA SPRINGS, FL 34134 Mineral Acid Tanks: 0
Latitude: 26° 19' 53.0188"
Longitude: 81° 48' 23.0735"
LL Method: DPHO

Inspection Result:

Result: In Compliance

Signatures:

TKLENR - LEE COUNTY DIVISION OF NATURAL RESOURCES (239) 533-8129

Storage Tank Program Office and Phone Number

Keith Kleinmann — **Inspector Name**

Inspector Signature
Principal Inspector

LEE COUNTY DIVISION OF NATURAL RESOURCES

theresa rotz — **Representative Name**

Representative Signature

Owners of UST facilities are reminded that the Federal Energy Policy Act of 2005 and 40 CFR 280 Subpart J requires Operator Training at all facilities by October 13, 2018. For further information please visit: https://floridadep.gov/waste/permitting-compliance-assistance/content/underground-storage-tank-operator-training

Financial Responsibility:

Financial Responsibility: INSURANCE

Insurance Carrier: IRONSHORE SPECIALTY INSURANCE COMPANY

Effective Date: 12/18/2022 Expiration Date: 12/18/2023

Findings:

Class C Operator Training Certificates are present.

Completed System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Annual Operability - Line Leak Detector	11/15/2022	Passed	05/18/2023	11/15/2023	TAnknology Zach Auldridge
Integrity Test - Storage Tank	09/25/2019	Passed	07/22/2020	09/25/2022	Hydro tests of DWSBs, UDCs and STP sumps conducted by Tanknology - Zackery Auldridge (126337)

Reviewed Records

Record Category	Record type	From Date	To Date	Reviewed Record Comment
Three Years	Monthly Maint. Visual Examinations and Results	07/16/2020	05/04/2023	Monthly visuals
Three Years	Certificate of Financial Responsiblity	12/18/2022	05/04/2023	part p/d

Inspection Comments

05/18/2023
TANKS: Inspected: (2) 20,000-gallon and one 6,000-gallon tank double-walled, underground tanks. Tank interstitial: monitored via Veeder-Root TLS 350. Sensors: reading normal at time of inspection.

SPILL CONTAINMENT: - Three (3) double-walled (DW) spill containment bucket(s) with dipstick/gauge/sensor to verify the interstitial, and a drain valve.

OVERFILL PROTECTION: – Equipped with an overfill prevention valve in the drop tubes and visual/audible alarm. The vents are present and observed to be in satisfactory condition. The fill ports are marked/color coded per API RP 1637.

PIPING/SUMPS: Double-walled, fiberglass piping with a line leak detector and isolation valve. Secondary piping is open to the sump. The sumps are visually inspected monthly and documented. Sumps equipped with sensors that were observed in the right position and visually inspected every six months. Sumps and its components in satisfactory condition. Less/More than one inch of water in the transition/Reg/premium/diesel STP sump. Water more than one inch in depth or any regulated substances collected in secondary containment shall be removed within 72 hours of discovery and properly disposed. Add any significant information here/problem found. Corrosion /boots damage, sensor not located at the lowest point, sump damage, sealing, INF required, etc.

DISPENSERS CONTAINMENT: Dispensers with containment observed in satisfactory condition. Shear valves properly anchored. No evidence of cracking or product/liquid observed during the inspection. Dispenser containments visually inspected, monthly and documented. Dispenser containments equipped with sensors and observed in the right position. Visually inspected every six months.

HOSES/NOZZLES: The hoses and nozzles appear to be in satisfactory condition but should be replaced as needed.

RELEASE DETECTION: The facility conducts monthly visual inspections of visible/exposed tank components including: piping sumps, hoses, nozzles, dispensers, spill containment buckets, and electronic sensors. The piping and tank interstices are continuously monitored via Veeder-Root TLS350, equipped with visual and audible alarm.

The visual and audible alarm panels were checked and found to be functioning properly.

The Placard expiration date is: June 30, 2023. Storage tank registration fees are due to the Department each year by July 1. Ensure that your contact information is up-to-date with the Department in order to receive updates concerning your annual registration fees. Once fees are paid, you must print a copy of your placard from the Department's website: http://www.fldepportal.com/go/submit-registration/.
Financial Responsibility must be maintained until your USTs have been properly closed and your Closure Report /Limited Closure Report Form has been submitted to and approved by the Department. Records must be kept for three years.

RECORDS SHALL BE KEPT FOR THREE YEARS IN ACCORDANCE WITH RULE 62-761.710, F.A.C.

Inspection Report sent by e-mail to: Milei.Aviles@7-11.com

Inspection Photos

Added Date 05/18/2023

site

Added Date 05/18/2023

VR

Added Date 05/18/2023

hose

SITE 9 – PUBLIX SUPER MARKET #1449 / PUBLIX SUPER MARKET #365

LEE COUNTY
SOUTHWEST FLORIDA
BOARD OF COUNTY COMMISSIONERS

John E. Manning
District One

Cecil L Pendergrass
District Two

Larry Kiker
District Three

Brian Hamman
District Four

Frank Mann
District Five

Roger Desjarlais
County Manager

Donna Marie Collins
Hearing Examiner

Richard Wm. Wesch
Couunty Attorney

10/31/22

Chantel Brown
Publix Super Markets, Inc.
Environmental Specialist
863-688-1188 x52668
E-mail: Chantel.Brown@publix.com

RE: In Compliance
ID: 9814048, 9815453, 9808995, 9808817, 9809023, 9808934, 9808908,9809123, 9808937
District:SD
Facility Name:PUBLIX SUPER MARKET
County:LEE
Lee, Charlotte & Desoto County – Storage Tanks Program

Dear Ms. Brown:

A storage tanks inspection and file review were conducted at the above noted facility, by the Lee, Charlotte & Desoto County Storage Tanks Program, on behalf of the Florida Department of Environmental Protection. Based on the information provided during and following the inspection, the facility was determined to be in compliance with the Department's storage tank rules and regulations. A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Keith Kleinmann at (239) 822-6399 or at kkleinmann@leegov.com.

Sincerely,

Keith Kleinmann
Environmental Specialist, SR.

Florida Department of Environmental Protection

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

Division of Waste Management
Bureau of Petroleum Storage Systems

Storage Tank Facility Closure Site Inspection Report

Facility Information:

Facility ID: 9808472 County: LEE

Inspection Date: 07/31/2014

Facility Type: C -Fuel user/Non-retail

Facility Name: PUBLIX SUPER MARKET #365
3306 BONITA BCH RD
BONITA SPRINGS, FL 34134

Of Inspected ASTs: 1
USTs: 0
Mineral Acid Tanks: 0

Latitude: 26° 19' 54.3424"

Longitude: 81° 48' 38.1635"

LL Method: DPHO

Inspection Result:

Result : In Compliance

Description: Facility is In Compliance.

Financial Responsibility

Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFICER

Effective Date: 03/20/2014 Expiration Date: 03/21/2015

Signatures:

TKLENR - LEE COUNTY DIVISION OF NATURAL RESOURCES

Storage Tank Program Office

(239) 533-8129

Storage Tank Program Office Phone Number

Chris A. Zimmerman
INSPECTOR NAME

Julian Agollari
REPRESENTATIVE NAME

INSPECTOR SIGNATURE

REPRESENTATIVE SIGNATURE

Facility ID: 9808472

Owners of UST facilities are reminded that the Federal Energy Policy Act of 2005 requires Operator Training at all facilities by August 8, 2012. For further information please visit: http://www.dep.state.fl.us/waste/categories/tanks/pages/op_train.htm

System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Completed Tests					
Annual Operability Test	02/18/2013	Passed	01/17/2014	02/18/2014	Test conducted by Power Pro Tech - Verified by Power secure

Inspection Comments

07/31/2014

Items on Checklist/Violations tab were checked to complete closure inspection.

Facility had fuel removed from the tank before it was removed and taken to there central holding facility in Lakeland,FL

There is no documented history of any discharge associated with this tank therefore no closure assessment is required at this time

Inspection Photos

Added Date 07/31/2014

Concrete pad where tank had been sitting.

SITE 15 – NCH HEALTHCARE SYSTEMS

Florida Department of Environmental Protection

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

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

Storage Tank Facility Registration Form

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

Please review *Registration Instructions* before completing the form.

Please check all that apply	[ ] New Registration	[ ] New Owner	[ ] New Tanks
	[ ] Facility Info Update/Correction	[ ] Owner Info Update/Correction	[ ] Tank Info Update/Correction

A. FACILITY INFORMATION

County: Lee	**DEP Facility ID:**	9816752

Facility Name: NCH Healthcare Bonita

Facility Address: 24020 S. Tamiami Trail City: Bonita Springs Zip: 34134

Facility Contact: _____ Business Phone: _____

Facility Type(s): Z NAICS Code: _____ Financial Responsibility: INSURANCE

24 Hour Emergency Contact: _____ **Emergency Phone:** _____

B. RESPONSIBLE PERSON INFORMATION - Identify Individual(s) or Business(es) responsible for storage tank management, fueling operations, and/or cleanup activities at the facility location named above. **Provide additional information in an attachment if necessary.**

Name:	Nch Healthcare Systems	Facility - Responsible Person Relation Type:	Effective Date
Mail address:	350 7th St. N.	**[√] Facility Account Owner (pays fees)**	01/14/2019
City, ST, Zip:	Naples, FL 34102	Facility Account Owner information must be provided when the facility contains active or out of service storage tanks on site.	
Contact:	Lee Wehr		
Telephone:	(239) 624-2853	**STCM Account Number (if known)**	77855
Identify other appropriate facility relationships for this party: [ ] Facility Owner/Operator [ ] Property Owner [ ] Storage Tank Owner			

Name:	Other owner, relationship type(s)	Effective Date
Mail address:	[ ] Facility Owner/Operator	
City, ST, Zip:	[ ] Property Owner	
Contact:	[ ] Storage Tank Owner	
Telephone:	[ ] Other:	

C. TANK/VESSEL INFORMATION - Complete one row for each storage tank or compression vessel system located at this facility.

Tank ID	T/V	A/U	Capacity	Installed	Content	Status/Effective Date		Construction	Piping	Monitoring

Certified Contractor (peforming tank installation or removal): _____ DBPR License No.: _____

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

Lee Wehr		01/14/2019
Printed Name & Title	**Signature**	**Date**

DEP 62-761.900(2)

Northwest District	Northeast District	Central District	Southwest District	Southeast District	South District	Marathon Branch Office
160 Governmental Center Blvd.	7825 Baymeadows Way, Suite B200	3319 Maguire Blvd., Suite 232	3804 Coconut Palm Drive	400 North Congress Ave., Suite 364	2295 Victoria Ave., Suite 364	2796 Overseas Hwy., Suite 221
Pensacola, FL 32501	Jacksonville, FL 32256	Orlando, FL 32803	Tampa, FL 33619	W Palm Beach, FL 33416	Fort Myers, FL 33901	Marathon, FL 33050
850-595-8360	904-448-4300	407-894-7555	813-744-6100	561-681-6600	941-332-6975	305-289-2310

Other Additional Details

Insurance Information

Insurance Carrier:	AIG SPECIALTY INSURANCE COMPANY
Policy Number:	005148614
Policy Effective Date:	12/22/2018
Policy Expiration Date:	

Property Owner

Name:	Lee Wehr
Address Line 1:	350 7th St N
Address Line 2:	
City/State/Zip Code:	Naples, FL 34102 5754
Phone Number:	(239) 624-2852
Extension:	
Cell Number:	
Fax Number:	
E-mail Address:	lee.wehr@nchmd.org

Tank Owner

Name:	Lee Wehr
Address Line 1:	350 7th St N
Address Line 2:	
City/State/Zip Code:	Naples, FL 34102 5754
Phone Number:	(239) 624-2852
Extension:	
Cell Number:	
Fax Number:	
E-mail Address:	lee.wehr@nchmd.org

Facility Owner

Name:	Lee Wehr
Address Line 1:	350 7th St N
Address Line 2:	
City/State/Zip Code:	Naples, FL 34102 5754
Phone Number:	(239) 624-2852
Extension:	
Cell Number:	

Fax Number:	
E-mail Address:	lee.wehr@nchmd.org

Tank Operator

Name:	Lee Wehr
Address Line 1:	350 7th St N
Address Line 2:	
City/State/Zip Code:	Naples, FL 34102 5754
Phone Number:	(239) 624-2852
Extension:	
Cell Number:	
Fax Number:	
E-mail Address:	lee.wehr@nchmd.org

Tank/Vessel Information

If you are editing an existing Tank ID, the new input will not be stored. To modify a Tank ID you must contact the Storage Tank registration staff at (850) 245-8839 or by e-mail at TankRegistration@dep.state.fl.us

Tank ID:	888790
T/V:	TANK
A/U:	ABOVEGROUND
Capacity:	6500
Installed:	12/22/2018
Content:	G
Status:	U
Status Effective Date:	12/22/2018
Construction:	C, P, I
Piping:	B, F
Monitoring:	E, F, 2

Florida Department of Environmental Protection

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

Division of Waste Management - Storage Tank Facility Registration Form
Registration Instructions and Codes List

The Department of Environmental Protection Storage Tank Program registers the facilities and the storage tanks when aboveground or underground storage tanks store pollutants, hazardous substances, and/or mineral acid substances regulated by Chapter 62-761, Florida Administrative Code, or when aboveground storage tanks or compression vessels store a hazardous substance which requires registration according to Chapter 376, Florida Statutes.

Storage Tank Facility Registration Form
In the first section block, identify the types of information being submitted on the registration form.
Check ***New Registration*** when the **location** is being registered for the first time and no Facility Identification number exists.
If submitting a revised Registration form, check all other boxes that apply to designate the type(s) of revisions being submitted.

I. Facility Information - Properly describe the geographical location where the storage tank facility is located.

Facility ID Include the DEP Facility Identification number whenever possible. Write in "Pending" when submitting a new registration for the first time. Remember: the facility ID number identifies the location, and is transferred to a new owner upon sale of the facility.

Facility Name Provide the current name of the business establishment operating at the facility location. When registering an abandoned facility, where tanks exist *unmaintained*, identify the location with the property owner's name, as in "Smith Property", if no other facility name is being used.

Facility Address Include the county name, and the proper street number and name. Give directions when the facility is located in a rural area with no Rural Route number associated with it (i.e., 'x' miles N of intersection...). Provide the name and telephone number of a contact person or manager *on location*, where possible.

Facility Type This information is an explanation or term that most closely describes the operational use of the facility. Select the code(s) that provides the best or most appropriate description of the facility.

1. If the facility is owned by a government entity, select the appropriate type from the following:

F. Federal Government
G. State Government
H. Local or City Government
I. County Government
N. Indian Land

2. If the facility meets the definition of "bulk product facility" - "a waterfront location with at least one aboveground tank with a capacity greater than 30,000 gallons which is used for the storage of pollutants" ("Pollutants" includes oil of any kind and in any form, gasoline, pesticides, ammonia, chlorine, and derivatives thereof, excluding liquefied petroleum gas."); select the type from:

T. Coastal bulk product facility - facility, as defined above and located on the Florida coast, may have storage tank systems that store hazardous substances in addition to pollutants. ("Coastline means the line of mean low water along the portion of the coast that is in direct contact with the open sea and the line marking the seaward limit of inland waters, as determined under the Convention on Territorial Seas and the Contiguous Zone, 15 U.S.T. (Pt. 2) 1606.").

S. Inland Waterfront bulk product facility - facility, as defined above and located on "inland waterways" (lakes, rivers), may have storage tank systems that store hazardous substances in addition to pollutants.

3. When the facility is a "waterfront location", but not a *bulk product facility* as defined above, select the most appropriate type from:

V. Marine fueling facility - a commercial, recreational, or retail coastal facility that provides fuel to vessels and may store other pollutants and/or hazardous substances on site.

W. Waterfront fueling facility - a commercial, recreational, or retail facility located on a non-coastal waterway that provides fuel to vessels and may store other pollutants and/or hazardous substances on site.

Facility Type continued

4. When the facility is not described as above, select the most appropriate type from:

A. Retail Station - primarily supplies vehicular fuel to automotive customers; may store other regulated substances.
C. Fuel User, Non-retail - primarily stores vehicular fuel and/or other pollutants or hazardous substances for consumption by facility/owner/operator.
D. Inland Bulk Petroleum Storage - inland facility with no waterfront access, that has multiple active UST and/or AST storage systems used primarily for storage of pollutants intended for distribution. May also store hazardous substances on-site for facility consumption and/or distribution purposes.
E. Industrial Plant - inland facility with no waterfront access; may include power plants and facilities designed for manufacturing and/or chemical processing; may have multiple active UST and/or AST storage systems used for storage of pollutants and/or hazardous substances intended for facility consumption.
J. Collection Station - maintenance or other related facility that acquires and temporarily stores used and/or waste oil prior to recycling and/or disposal.
K. Inland Bulk Chemical Storage - inland facility with no waterfront access, that has multiple active UST and/or AST storage systems and/or compression vessels used for storage of hazardous substances intended for distribution. May also store pollutants on site for facility consumption and/or distribution purposes.
L. Chemical User - facility primarily uses regulated hazardous substance tanks on site; may also store pollutants.
M. Agricultural - facility actively used in production of crops, plants, or livestock.
B. Residential (not regulated) - property used primarily for dwelling purposes; regulated substance used for non-commercial purposes; no UST exists > 1100 gallons.
P. UST Residential (>1100 gallons) - residence with USTs regulated by Federal Environmental Protection Agency.
Z. Other - Please identify the type of establishment that you are registering.

North American Industry Classification System (NAICS), developed jointly by the United States, Canada, and Mexico, has replaced the U.S. Standard Industrial Classification Code (SIC) system, effective January, 1997. The new system identifies new industry categories and re-organizes the current data more consistently. More information on this subject can be obtained from: National Technical Information Services, 5285 Port Royal Road, Springfield, Virginia 22161; (800) 553-6847. See also U. S. Department of Commerce Web Sites: **http://ntis.gov** and **http://www.census.gov/epcd/www/naics.html.** When possible – please select the most appropriate code for your facility.

Financial Responsibility – The demonstration of financial responsibility shall be made by the owner or operator in accordance with C.F.R. Title 40, Part 280, Subpart H. Write in your selection of the following:

1. **None**
2. **Insurance Carrier**
3. **Other Mechanism** (includes all other financial responsibility methods meeting requirements of C.F.R. Title 40)

24 Hour Emergency Contact - Provide the name & telephone number of the Emergency Contact for this facility.

II. Responsible Party Information

1. In the first block, provide the name, address, contact name, and telephone number of the individual(s) and/or business(es) that are responsible for the operation of the storage tank facility and for the payment of DEP annual Storage Tank Registration fees. Identify the appropriate facility relationships for this party: Facility Owner/Operator, Tank Owner, and/or Property Owner. The first named party will also be associated with the role of Facility Account Owner. The Account Owner is responsible for payment of the annual storage tank registration fees, and will receive the annual storage tank registration placard(s) upon payment.

2. Identify additional individuals and/or companies that play a role in the ownership or operation of the facility, as necessary.

3. When submitting revisions to owner name or address information, please include their STCM Account Number, when available.

4. Submit a registration form when the facility or tank ownership changes, complete with the **date & new owner's signature.**

III. Tank/Compression Vessel Information - Complete one row in Section C for each storage tank and/or compression vessel system located at the facility. Use the following system description codes where appropriate.

1. Tank ID - number systems sequentially, or provide a unique identification number; do not use symbols (#, %, -, etc.).
2. Tank or Vessel Indicator - write in T or V to describe the system type.
3. Tank Placement - Write in A or U to designate aboveground or underground placement of the system.
4. Tank Capacity - Write in the storage tank capacity in gallons.
5. Installation Date - Record the date of first installation in 'MM/YY' format; provide a best estimate if unknown.

6. Tank Content - Record the current content (or last content, if system is closed or not in use) from the list below.

A. Leaded gasoline
B. Unleaded gasoline
C. Gasohol
D. Vehicular diesel
E. Aviation gasoline
F. Jet diesel fuel
G. Diesel fuel - emergency generator
H. Diesel fuel - generator or pump
K. Kerosene
L. Waste oil / Used oil
M. Fuel oil: on-site heating only; USTs or ASTs <30K gals
N. Fuel oil: distribution; or on-site heating - ASTs > 30K gals
O. New & lube oil
P. Generic Gasoline - grade unknown
Q. Pesticide
R. Ammonia compound
S. Chlorine compound
T. Hazardous substance (CERCLA)
U. Mineral acid
V. Grades 5 & 6, bunker 'C' residual oils
W. Petroleum-base additive product
X. Miscellaneous petroleum-base product
Y. Unknown Substance
Z. Other Substance: please identify

***** Mineral Acid = Hydrobromic acid, Hydrochloric acid, Hydrofluoric acid, Phosphoric acid, Sulfuric acid.
* M = fuel is used solely to heat the facility premises and must be stored in a tank with capacity < 30,000 gallons; exempt from regulation.
* N = fuel is distributed as heating fuel, or fuel is used solely to heat the facility premises , but the storage tank capacity exceeds 30,000 gallons.

**** Compartmented tanks –** register as a single tank; itemize the size and contents of each compartment.

**** Manifold tanks –** register as individual storage tanks; with individual size and content – even though they are "connected".

7. Status - Record the current status of the system, & the status effective date (or best estimate) in 'MM/YY' format. Update the tank status timely, as necessary for tanks moving between "in service" and "out of service" status.

A. Properly closed in place * UST filled with sand, concrete or other inert material; AST rendered unusable.
B. Removed from the site *
***A or B:** UST Closure Assessment required after 12/10/90; AST Closure Assessment required after 3/12/91 - refer to 62-761.800, F.A.C.
E. Construction modified - AST constructed as a "mobile tank" or enclosed in a building; no longer retains a "regulated" status.
F. Unmaintained tank - UST/AST not in use, not properly closed, not to be returned to service (tank must be properly closed within 90 days).
T. Out-of-service tank - UST/AST locked and monitored (10 yr limit for USTs with secondary containment; 2 yr limit for corrosion-protected USTs; 1 yr limit for unprotected USTs; 5 yr limit for ASTs).
U. In-service - UST/AST may be empty for up to 45 days for routine services/maintenance only.
V. Temporary out of service - special designation for field-erected ASTs, greater than or equal to 50,000 gallon capacity; may be empty for up to 180 days for routine services/maintenance only.
Z. Non-regulated product stored in tank; provide status effective date when status relates to a 'change in product' for a particular storage tank.

8. Construction, Piping, and Monitoring Attributes – please select from the lists below, the codes that best describe the attributes of each storage tank system. ** When *"Z. Other DEP Approved"* is selected; please specify the EQ #. **

CONSTRUCTION

Primary Construction:
C. Steel
D. Unknown
E. Fiberglass
F. Fiberglass-clad steel
X. Concrete
Y. Polyethylene
Z. Other DEP approved tank material

Overfill/Spill:
A. Ball check valve
M. Spill containment bucket
N. Flow shut-off
O. Tight fill
P. Level gauges, high-level alarms
Q. Other DEP approved protection method

Corrosion Protection:
G. Cathodic protection - sacrificial anode
H. Cathodic protection - impressed current

Secondary Containment:
I. Double wall construction: single material (outer tank material same as inner tank material)
R. Double wall construction: dual material (outer tank - concrete, approved synthetic material, or tank "jacket")
J. Synthetic liner in tank excavation
K. Concrete, synthetic material, and/or offsite clays beneath AST and in containment area
S. Other DEP approved secondary containment system
V. Pipeless UST with secondary containment

CONSTRUCTION - continued

Miscellaneous attributes:
B. Internal lining
L. Compartmented
U. Field erected tank

PIPING

Primary Construction:
B. Steel or galvanized metal
C. Fiberglass
N. Approved synthetic material
Y. Unknown
Z. Other DEP approved piping material

Corrosion Protection:
D. External protective coating
E. Cathodically protected with sacrificial anode or impressed current

Secondary Containment:
F. Double wall construction: single material (outer pipe material same as inner pipe material)
M. Double wall construction: dual material (outer pipe - approved synthetic material or pipe "jacket")
G. Synthetic liner or box/trench liner in piping excavation or pipe containment area
P. Internal Piping: contained within an internal sump riser, directly connected to tank & located beneath dispenser

Miscellaneous attributes:
A. Aboveground, no contact with soil
I. Suction piping system
J. Pressurized piping system
K. Dispenser liners
L. Bulk product system
H. Airport/seaport hydrant system

MONITORING

External:
A. Site Suitability Plan
B. Site Suitability Plan Exemption
C. Groundwater Monitoring Plan
D. SPCC Plan
E. Interstitial monitoring of UST synthetic liners
N. Groundwater monitoring wells
O. Vapor monitoring wells
P. Vapor monitoring with dilution procedures
Q. Visual inspection of AST systems
W. Fiber-optic technologies
Z. Other DEP approved monitoring method

Internal:
F. Interstitial space - double wall tank
L. Automatic tank gauging system (USTs)
M. Manual tank gauging system (USTs)
R. Interstitial monitoring of AST tank bottom
S. Statistical Inventory Reconciliation (SIR) (USTs)
T. Annual tightness test with inventory (USTs)

Piping monitoring:
G. Electronic line leak detector with flow shutoff
H. Mechanical line leak detector
J. Interstitial monitoring - piping liner
K. Interstitial monitoring - double wall piping
U. Bulk product piping pressure test
V. Suction pump check valve
6. External monitoring

Miscellaneous:
I. Not required - see rule for exemptions
X. None
Y. Unknown
1. Continuous electronic sensing equipment
2. Visual inspections of piping sumps
3. Electronic monitoring of piping sumps
4. Visual inspections of dispenser liners
5. Electronic monitoring of dispenser liners

IV. Certified Contractor & Certification

Record the name and the ***Department of Business and Professional Regulation License Number*** for the ***Certified Contractor*** whenever an underground storage tank has been installed, removed, or closed in place. Do not rely on the contractor to file this form. Storage Tank Registration Forms are required to be submitted by the storage tank system owner or operator.

Please Remember that the Registration Form cannot be processed without the name and signature of the storage tank system owner or operator, and the date of the form submittal. Please print your name legibly in case a representative of the storage tank program should need to contact you.

If you have questions, please call a storage tank registration representative at (850) 245-8839 for assistance.

SITE 16 – DISCARDED BUCKETS / CONSTRUCTION SITE / DISASTER DEBRIS MANAGEMENT SITE

Florida Department of

Environmental Protection

Inspection Checklist

FACILITY INFORMATION:

Facility Name: CITY OF BONITA SPRINGS-RIVER PARK

On-Site Inspection Start Date: 12/15/2017

On-Site Inspection End Date: 12/15/2017

WACS No.: 104943

Facility Street Address: 27711 WINDSOR RD

City: BONITA SPRINGS

County Name: LEE

Zip: 34134

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Rick R Roudebush, Environmental Specialist

Other Participants: Matt Freeney, Public Works Director

INSPECTION TYPE:

Routine Closure Inspection for WPF - Disaster Debris Management Site (DDMS)

COMMENTS:

On December 15, 2017, a closure inspection was conducted to evaluate the DDMS for any environmental impacts. Vegetative debris was the only type of waste managed and processed at this site. Department personnel conducted inspections at this location on October 24th and November 14th. No issues or environmental concerns were noted during those inspections.

No environmental issues or concerns were noted during the final walk through of the property. This site is now inactivated and a closure letter has been issued to the city.

ATTACHMENTS:

BS Riverside Park Closed DDMS

Inspection Date: 12/15/2017

Signed:

Rick R Roudebush	Environmental Specialist	
PRINCIPAL INSPECTOR NAME	**PRINCIPAL INSPECTOR TITLE**	
RR	FDEP - SDO	12/18/2017
PRINCIPAL INSPECTOR SIGNATURE	**ORGANIZATION**	**DATE**
Matt Freeney	Public Works Director	
REPRESENTATIVE NAME	**REPRESENTATIVE TITLE**	
NO SIGNATURE REQUIRED	City of Bonita Springs	
REPRESENTATIVE SIGNATURE	**ORGANIZATION**	

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.

Report Approvers:

Approver: Ryan B Snyder **Inspection Approval Date:** 01/25/2018

APPENDIX F SITE PHOTOGRAPHS

Site Photographs – Mainline

Site 1 – Devoe Pontiac Buick Infiniti Volvo Inc / Bonita Springs Mitsubishi / Bonita Springs Infiniti
Trails Edge Road looking west

Site 1 – Devoe Pontiac Buick Infiniti Volvo Inc / Bonita Springs Mitsubishi / Bonita Springs Infiniti
Near Beaumont Road looking southeast

Site 1 – Devoe Pontiac Buick Infiniti Volvo Inc / Bonita Springs Mitsubishi / Bonita Springs Infiniti
Trails Edge Road looking west

Site 1 – Devoe Pontiac Buick Infiniti Volvo Inc / Bonita Springs Mitsubishi / Bonita Springs Infiniti
Trails Edge Road looking west

Site 2 – Springs Plaza Sewer System
Near US 41 looking southwest

Site 3 – 7-Eleven Store #34806
Near US 41 looking northeast

Site 3 – 7-Eleven Store #34806
Near US 41 looking southwest

Site 4 – Bonita Springs Central Off
Beaumont Road looking northwest

Site 5 – Spring Fresh Dry Cleaners
Southeast quadrant of US 41 and Bonita Beach Road intersection looking south

Site 6 – Martinizing Dry Cleaning
Near western project limits looking south

Site 6 – Martinizing Dry Cleaning
Near western project limits looking northeast

Site 7 – BP-Bonita-Oleum Corp
Bonita Beach Road looking south

Site 8 – 7-Eleven Store #40327 / Apex Station
Northwest quadrant of US 41 and Bonita Beach Road intersection looking northwest

Site 9 – Publix Super Market #1449 / Publix Super Market #365
Northwest quadrant of US 41 and Bonita Beach Road intersection looking northwest

Site 9 – Publix Super Market #1449 / Publix Super Market #365
Area of emergency generator and AST behind Publix

Site 9 – Publix Super Market #1449 / Publix Super Market #365
Northwest quadrant of US 41 and Bonita Beach Road intersection looking northwest

Site 9 – Publix Super Market #1449 / Publix Super Market #365
Area of former AST and emergency generator behind Crunch Fitness

Site 10 – Former Sunshine Dry Cleaners
East of Arroyal Road looking east

Site 10 – Former Sunshine Dry Cleaners
East of Arroyal Road looking southeast

Site 11 – Former Prestige Cleaners
Northwest quadrant of US 41 and Bonita Beach Road intersection looking northwest

Site 12 – Tuffy Tire & Auto Service Center
Near US 41 and proposed Windsor Road intersection looking northeast

Site 13 – Bonita Boat Center
US 41 looking northwest

Site 14 – Advance Auto Parts
US 41 looking east

Site 15 – NCH Healthcare Systems
Near proposed Windsor Road and US 41 intersection looking west

Site 16 – Discarded Buckets / Construction Site / Disaster Debris Management Site
Windsor Road just south of Imperial River looking northeast

Site 16 – Discarded Buckets / Construction Site / Disaster Debris Management Site
Windsor Road just south of Imperial River looking northeast

Site 17 – Super Suds Car Wash
Near US 41 looking southwest

Site 18 – Jiffy Lube
Near US 41 looking south

Site 19 – Tires Plus
Arroyal Road looking northeast

Site 19 – Tires Plus
Waste oil AST near Arroyal Road looking south

Site 20 – Lexpert Automotive Inc.
Near Crown Lake Boulevard and US 41 intersection

Northern project boundary
US 41 looking south

Northern project boundary
US 41 looking north

Western project boundary
Bonita Beach Road looking west

Western project boundary
Bonita Beach Road looking east

Southern project boundary
US 41 looking north

Southern project boundary
US 41 looking south

Eastern project boundary
Bonita Beach Road looking west

Eastern project boundary
Bonita Beach Road looking east

Carolina Road boundary
Carolina Road looking west

Proposed Windsor Road boundary
Proposed Windsor Road looking northwest