Level I

Contamination Screening Evaluation Report – Ponds

US 41/SR 45 AT CSX GRADE SEPARATION
FROM S OF SR 676 TO N OF SR 676

Project Development & Environment (PD&E) Study
Design Change Reevaluation

Florida Department of Transportation
District 7

Work Program Item Segment No. 440749-1

Federal Aid Project No.: D719-029-B

ETDM Project No. 14345

Hillsborough County, Florida

November 2023

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

On behalf of the Florida Department of Transportation, this Level I Contamination Screening Evaluation Report was prepared to support the Project Development and Environment Study Design Change Reevaluation for the US 41/SR 45 at CSX Grade Separation from south of SR 676 (Causeway Boulevard) to north of SR 676 located in Hillsborough County, Florida. The contamination evaluation was performed in accordance with Part 2, Chapter 20 of the Florida Department of Transportation's Project Development and Environment Manual (July 1, 2020). Additional right-of-way (ROW) is anticipated to accommodate the proposed project improvements. This Contamination Screening Evaluation Report provides an evaluation of potential contamination involvement for the project's final selected stormwater management ponds and associated outfall facilities. The evaluation of potential contamination involvement for the project's mainline contamination sites were provided in a separate Contamination Screening Evaluation Report. Based on the methodologies completed for this study, the following risk ratings were assigned to the four preferred pond sites (including one outfall):

Number of Pond Sites per Risk Rating			
High	Medium	Low	No
2	0	2	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 and/or proceeding with roadway construction. If the preferred pond sites change, and/or new potential contamination sites have been constructed, this report should be revised and updated to reflect those changes.
- Two High rated preferred pond site locations (none were rated Medium) were identified and will be considered for Level II testing. The Level II services can include hazardous material surveys, soil borings, monitor well installation, soil and groundwater sampling, and laboratory testing. Further evaluation and Level II testing will be performed if deemed appropriate by the District Contamination Impact Coordinator. Level II testing costs are estimated at $5,000 to $10,000 per site. Level III support, if necessary, can reach $100,000 per site.
- 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.
- 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 Introduction

2.1 Project Background

The Florida Department of Transportation (FDOT) is conducting a Design Change and Right of Way (ROW) Authorization Reevaluation of a previous Environmental Assessment (EA) (Work Program Item Segment (WPIS) No. 255598-1) with a Finding of No Significant Impact (FONSI) approved by the Federal Highway Administration on May 24, 1994. **Figure 1-1** shows the limits of the previous PD&E study completed along 22nd Street Causeway/Causeway Boulevard (State Road 676) from State Road (SR) 60 to US 301, in Hillsborough County, Florida. The segment currently being evaluated/advanced is shown as Segment 3 on **Figure 1-1.** A single concept was evaluated for this contamination screening evaluation.

The evaluation of potential contamination involvement for the project's mainline contamination sites are provided in a separate Contamination Screening Evaluation Report.

The previous study evaluated anticipated conditions for a 2015 Design Year. The FONSI documented the construction of a six-lane roadway to replace the existing 2- to 4-lane roadway beginning at SR 60 and extending approximately 7 miles east at US 301. Since the completion of the 1994 PD&E Study, Causeway Boulevard has been widened to four-lanes.

The project included a new interchange at US 41/Causeway Boulevard intersection for which the approved concept was a "compressed diamond" interchange with US 41 elevated over Causeway Boulevard. This interchange is also known as a Single Point Urban Interchange (SPUI) or a Tight Urban Diamond Interchange (TUDI). The study identified that the US 41 interchange bridge would carry three lanes of traffic in each direction with a barrier wall separating opposing traffic. The study recommended an additional grade separation of US 41 over the CSX railroad crossing south of Causeway Boulevard while the CSX railroad crossing east of US 41 would remain at-grade with Causeway Boulevard. The concept showed the SPUI ramps oriented along US 41 and one-way, one-lane frontage roads were provided in the southeast and northeast quadrants to provide local property access. Five-foot sidewalks and 4-foot bicycle lanes were proposed along both sides of Causeway Boulevard.

The current study effort being conducted under WPIS# 440749-1 is evaluating various intersection and operational improvements along Causeway Boulevard east and west of US 41 (SR 45/SR 599) along US 41 from south of the Causeway Boulevard intersection to north of the Causeway Boulevard intersection. These improvements include the construction of a grade separation of US 41/SR 45 at the CSX railroad crossing located approximately 1,400' south of the Causeway Boulevard intersection. Bicycle and pedestrian facility improvements along US 41 and Causeway Boulevard are also provided.

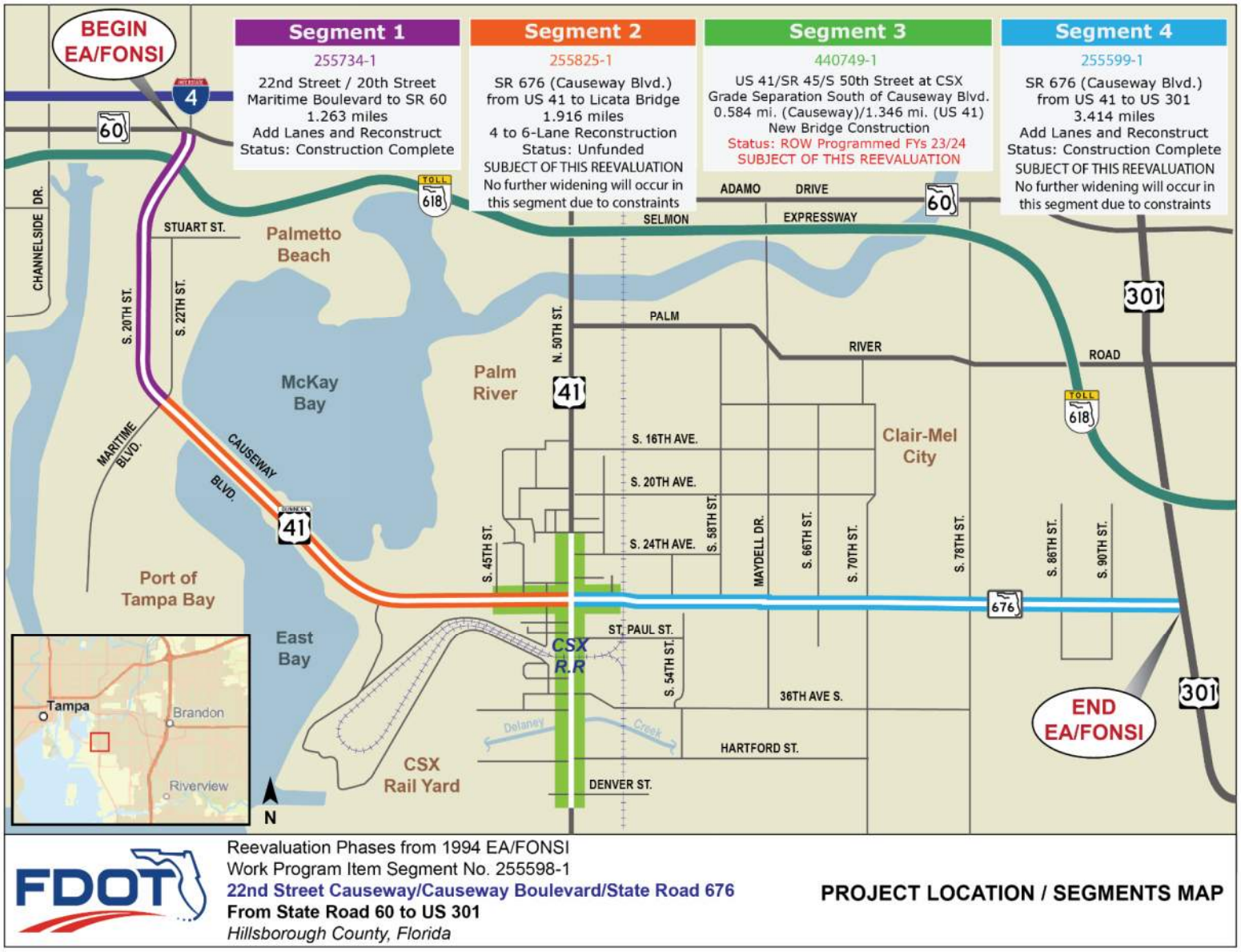


Figure 1-1. Project Location / Segments Map

2.2 Proposed Improvements

This Design Change and ROW Authorization Project Development and Environment (PD&E) Reevaluation study (WPIS# 440749-1), with a 2046 Design Year, is evaluating various operational improvements along US 41/SR 45/SR 599/S. Tamiami Trail (US 41) from south of the Causeway Boulevard intersection to north of the Causeway Boulevard intersection. The study will evaluate roadway widening/reconstruction, new stormwater management facilities, new bridge overpasses at Delaney Creek, the CSX railroad, and other roadways for local traffic needs. Intersection and operational improvements being evaluated include signalization and turn lane additions for Hartford Street, US 41/Causeway Boulevard, and 47th Street. In addition to addressing operational improvements, this project will address the need for pedestrian/ bicycle accommodations and improving connectivity and safety for these modes.

There are multiple typical sections throughout the project limits. From just south of Denver Street to north of Trenton Street, the proposed typical section includes reconstructing US 41 with concrete pavement to accommodate a 6-lane divided urban curbed section with 12-foot lanes, 7-foot buffered bicycle lanes, and 10-foot sidewalks on both sides. The median width varies from 19-22 feet to provide turn lanes with raised traffic separators between opposing directions of travel. The proposed improvements will require the acquisition of ROW beyond the existing footprint varying from 0-22 feet along the west side and varying from 0-17 feet along the east side of US 41.

From north of Trenton Street the proposed typical section grade separates US 41 to continue a concrete paved typical section to south of St. Paul Street. The proposed typical section consists of a 6-lane divided urban section with concrete pavement, 12-foot lanes and 10-foot inside and outside paved shoulders. A northbound exit ramp connects to 36th Avenue with a t-intersection configuration on the east side of US 41. The proposed concrete ramp consists of a 15-foot travel lane, 7-foot buffered bicycle lane and a 10-foot sidewalk on the eastside. The existing US 41 southbound mainline pavement will be repurposed to accommodate a two-lane undivided frontage road for local access to adjacent properties. The proposed frontage road is an urban curbed section with asphalt pavement, 12-foot travel lanes, and a 10-foot sidewalk on the west side. Bridge overpasses are proposed for the US 41 mainline over Delaney Creek, 36th Avenue, and the at grade CSX Crossing (No 624802A). The proposed improvements will require the acquisition of ROW varying from 29 to 88 feet along the west side and varying from 39 to 200 feet along the east side.

From north of St. Paul Street to the Causeway Boulevard intersection, the proposed typical section along US 41 consists of a 6-lane divided urban section with concrete pavement, 12-foot lanes, 10-foot outside paved shoulders on the west side and a 7-foot buffered bicycle lane on the east side. The median bifurcates to accommodate three 12-foot left turn lanes approaching the intersection with one 12-foot right turn lane along the outside in the northbound direction. Milling and resurfacing is proposed for the outside 22-feet of the existing southbound lanes. This area will be

restriped to provide a frontage road with one 15-foot lane and a 7-foot buffered bicycle lane on the outside with a new raised curb and 10-foot sidewalk. The proposed improvements will require the acquisition of ROW varying from 0 to 160 feet along the east side only.

The proposed typical section for US 41 north of Causeway Boulevard consists of a 6-lane divided urban section with 12-foot lanes, 7-foot buffered bike lanes and 6-foot sidewalks. The northbound lanes will be asphalt and the southbound lanes will be concrete. There are two 12-foot left turn lanes and one 12-foot right turn lane shown in the southbound direction. The proposed improvements will require the acquisition of ROW varying from 30 to 45 feet along the west side and varying from 0 to 45 feet along the east side.

The proposed typical section for Causeway Boulevard from S. 45th Street to US 41 widens the existing concrete pavement to accommodate a 4-lane divided urban section with 11-foot travel lanes, 7-foot buffered bike lanes and 6-foot sidewalks along the outside. Approaching the US 41 intersection, there are two 11-foot left turn lanes and three 11-foot right turn lanes in the eastbound direction. The proposed improvements will require the acquisition of ROW varying from 0 to 44 feet along the north side only.

The proposed typical section for Causeway Boulevard from US 41 to the end project limit just west of the CSX railroad crossing consists of a westbound concrete and eastbound asphalt 4-lane divided urban section with 11-foot travel lanes, 7-foot buffered bike lanes and 6-foot sidewalks on the outside. Approaching the US 41 intersection, there are two 11-foot left turn lanes and one 11-foot right turn lane in the westbound direction. The proposed improvements will require the acquisition of ROW varying from 0 to 4 feet along the north side only.

2.3 Report Purpose

The purpose of this contamination screening evaluation report is to present the findings of a Level I contamination screening evaluation for four preferred pond sites (including one outfall). This report also presents recommendations for additional analysis. The study was performed in accordance with Part 2, Chapter 20 of the FDOT's PD&E Manual.

2.4 Right of Way Acquisition

Acquisition of additional right-of-way is anticipated to accommodate the proposed project improvements since the four preferred pond sites are located beyond the existing ROW.

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:

- 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 1957, 1965, 1973, 1980, 1991, 1995, 1998-2000, 2002-2022 were reviewed from the University of Florida, FDOT Survey & Mapping, and Google Earth databases. A summary of our review is discussed in **Table 1** in **Section 7.0**. A copy of the 2020 aerial photograph is presented in **Appendix A**. Copies of select historical aerial photographs are presented in **Appendix B**.

- Topographic map review using imagery available from the United States Geological Survey (USGS) website. Topographic maps can be useful 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. The USGS 7.5-Minute "Tampa, Florida" Quadrangle dated 1956 (photo-revised 1981) was reviewed as part of this study. The topographic map is provided in **Appendix C**.

- Hillsborough County Property Appraiser (HCPA) 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.

- An environmental database search using Environmental Data Management, Inc. (EDM) was conducted on January 9, 2023 to identify sites, facilities or listings within the study area containing documented or suspected petroleum contamination or other hazardous materials. The search distances were agreed upon by the District Contamination Impact Coordinator (DCIC), and are as follows:
  - 600 feet from the ROW line for petroleum, drycleaners, and non-petroleum sites,
  - 600 feet from the ROW line for non-landfill solid waste sites (such as recycling facilities, transfer stations, and debris placement areas), and
  - 600 feet 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 evaluated in **Section 7.0**.

- Performed a site reconnaissance to identify new and/or undocumented contamination sites, and to verify locations of documented contamination sites. Select photographs are provided in **Appendix E**.

- Assigned risk ratings for each contamination site or pond 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 (ID) number, or the site stores, handles, or manufactures hazardous materials. However, based on the review of conceptual or design plans and/or findings from the Level I evaluation, it is not likely that there would be any contamination impacts to the project.

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.

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 site reconnaissance and interviews (**Section 7.0**) were performed along with a review of historical aerial photographs and topographic maps.

4.1 Site Reconnaissance

Site visits were conducted to evaluate each property within and in close proximity to the pond sites for contamination concerns. The site reconnaissance in conjunction with the desktop review allow the pond sites to be rated as to the degree of contamination concern as discussed in **Section 3.0**. The reconnaissance included a systematic inspection of each parcel along the project corridor, and surrounding areas looking for signs of contamination. This was achieved by driving, where possible, the roadways, and walking the parcels within and surrounding the roadways (where accessible) to gain specific information regarding the usage and condition of each pond site and contamination concerns.

Some of the typical physical indicators for contamination concerns include: railroad tracks, fill ports and vent pipes associated with aboveground storage tanks (ASTs), underground storage tanks (USTs), oil/petroleum staining, drums, chemical containers, refuse, illicit dumping, solid waste, stressed vegetation, dry cleaning facilities, material handling from adjacent businesses, petroleum dispensers, excavated areas, agricultural use, chemical mix/load areas, stormwater outfall areas, surface water indicators, groundwater monitor wells, restricted area/contamination/hazardous material/petroleum pipeline signage, cattle dip vats and other property uses that may present contamination concerns.

The site reconnaissance for the preferred pond sites was performed on January 5, 2023. A detailed description of field observations for each pond site is provided in **Table 1** in **Section 7.0**. Photographs of the contamination concerns were taken during the site inspection. Select images are presented in **Appendix E**.

4.2 Historical Aerial Photograph Review

A summary of our review, including contamination concerns noted are discussed in **Table 1** in **Section 7.0**. A copy of the 2020 aerial photograph is presented in **Appendix A**. Copies of select historical aerial photographs are presented in **Appendix B**.

4.3 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 review is provided based on a review of the USGS 7.5-Minute "Tampa, Florida" Quadrangle dated 1956 (photo-revised 1981):

US 41 and Causeway Boulevard is depicted in its current alignment. Railroad tracks intersect at US 41, approximately ¼ mile south of Causeway Boulevard. Delaney Creek also intersects at US 41. The surrounding area includes multiple small structures, five large structures along US 41, and nine large structures along Causeway Boulevard.

A copy of the topographic map is provided in **CSER Appendix C**. Contamination concerns noted during the topographic map review are further discussed in **Section 7.0**.

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 3,000 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 Hydrology – Site Reconnaissance

During the site reconnaissance, Delaney Creek was observed intersecting US 41 in the south-central portion of the project. Manmade ponds were located at the northeast and northwest corners of US 41 and Causeway Boulevard. Roadside ditches were mostly dry during the site reconnaissance

Surface waters observed within Pond 2B and Pond 3A are further discussed in **Table 1**. Surface waters were not observed at Pond 1A and Pond 3B.

5.3 Hydrology – USGS 7.5 Minute Topographic Maps

Based on the topographic map, Delaney Creek intersects US 41 in the southern portion of the project. East Bay is depicted west of the project limits. A manmade canal is depicted west of US 41, approximately 800 feet north of Causeway Boulevard. For this project, slope is generally west, towards McKay Bay.

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.

The following interviews and correspondences were performed, or attempted for this evaluation:

- Pond 1A, Site 2 - Tierra emailed the Environmental Protection Commission of Hillsborough County (EPCHC) on May 4, 2021. No records were found.
- Pond 1A, Site 2 - Tierra emailed the FDEP Southwest District on May 5, 2021. No records were found.
- Site 4 - Tierra emailed the EPCHC on May 11, 2021; a response was received on May 14, 2021.
- Pond 2B, Site 8 - Tierra interviewed Russel (no last name given), a representative of Southeast Industrial, on May 13, 2021. Tierra emailed the EPCHC and the FDEP on May 17, 2021 for information regarding the groundwater monitor wells at this site. The EPCHC responded and provided no information associated with the monitor wells. Tierra emailed the FDEP again on January 11, 2023, and received no relevant information on the same date.
- Pond 2B – Mr. Mike Wortham was interviewed during the site reconnaissance on January 5, 2023.
- Pond 3A, Site 11 - Tierra emailed the EPCHC on December 22, 2022; a response was received on December 22, 2022.
- Pond 3A, Site 28 – Tierra performed an interview with the Thach Tire & Rim owner during the site reconnaissance in December 2022.

These interviews and correspondences are documented in **Table 1** in **Section 7.0**.

7.0 Project Impacts

Based on the methodologies performed, four preferred pond sites (including one outfall) were evaluated to identify contamination concerns which may impact the proposed improvements for this project. These are discussed in **Table 1**. The location of each preferred pond site, and nearby contamination sites are illustrated in **Appendix A**.

TABLE 1: PREFERRED POND SITES

Pond Site ID	Contaminants of Concern	Risk Rating	Comments
POND 1A (and Outfall)	Solid Waste, Hazardous Wastes, Petroleum	Low	During the site reconnaissance, Pond 1A was observed as Aries Building Systems, located at 3929 S. 50th Street. According to the website, Aries is a full-service provider of short term container rentals, mobile classrooms, workforce housing and custom modular buildings. Two permanent structures were noted along the east boundary. An office trailer, apparently used for Aries' office, and a vacant, corrugated metal warehouse building with a concrete floor. Although placards for hazardous materials were noted on the outside of the corrugated metal warehouse building, no hazardous materials were observed within, or around this building. A track hoe, roll-off, and welders were working on a bare soil area in the west-central area. This appears to be where modifications, such as disassembly, demolition, welding, etc. to structures are performed. Construction materials including wood, metal, plastic, and fiberglass insulation were mixed with bare soil, apparently due to being run over with heavy equipment. Tierra estimates the area was approximately 50 feet in diameter. No petroleum storage tanks, hazardous materials, stained soil or stressed vegetation were noted on this site. Although Tierra was unable to determine if buried debris was present, this area is considered a low risk. A portion of Trenton Street (approximately 180 feet) is included in the northern area. Additionally, a container storage yard (no signage), including an office/residence is located at 3825 S. 50th Street, along the northern boundary within Pond 1A. Although visibility was limited since the site was mostly covered with storage containers, trailers and vehicles, no groundwater monitor wells, petroleum products or hazardous materials were noted. Several totes appeared to be empty. No regulatory files were found. Given the lack of a reported discharge, this site is considered a low risk. The outfall is located west and north of Pond 1A. During the site reconnaissance, vehicles were parked within the outfall. No petroleum storage tanks, hazardous materials, or stained soil was noted within the outfall. POND 1A: Aerial Photographs first depict one structure at the east-central boundary in 1980. A second structure (office trailer) was added north of it in 1995. Office trailers and storage containers were depicted in varying quantities from 1973 to 2017. In 2017, only the two permanent structures located along the east boundary remained. Office trailers and storage containers were added again from 2019 to 2022. OUTFALL: Aerial Photographs depict generally undeveloped land, except for Trenton Street (intersects proposed outfall) which was first depicted in 1957, and one structure located within the proposed outfall from 1957 to 1965. The north half was depicted as a driveway or unimproved road since 1965. Clearing was depicted in 1973, presumably for a powerline easement. Varying quantities of vehicles and/or trailers appear to have been parked/stored at various locations within the proposed outfall since 1995. Fill material was added in 2021 and 2022. The topographic map dated 1956 and photorevised in 1980 depicts Pond 1A and outfall shaded in white which indicates undeveloped land. **Contamination Concerns:** No regulatory files were found for Pond 1A, or the outfall. Offsite, six contamination sites were identified within 600 feet of this drainage site and outfall. The nearest offsite contamination concerns, beginning with the closest are: EDM 5 – Delaney Creek Brownfield Redevelopment Area/Exide Technologies is located adjoining north of the outfall, and 260 feet north of Pound 1A. This Brownfield Area, including the Institutional Control boundary encompasses 36-acres, located east and west of US 41. West of US 41, Delaney Creek is included in the Institutional Control boundary. This area is depicted in **CSER Appendix A**. Given the regulatory status, and offsite location, this site is considered a low risk. EDM 3 - Former Hi Tech Products, 4917 Hartford Street, is located 50 feet south of Pond 1A. During the site reconnaissance, this site was observed as Florida Marine Joiner Service, a provider of all marine interior outfitting, refurbishing and new-build projects. EDM's report states initial data was received on July 16, 1996, and this site is listed as "closed." The *Groundwater Investigation Report Number 96-13* dated September 1996, states "laboratory analyses of ground water and sediment samples collected at the study site indicate the presence of volatile and semi-volatile compounds in the groundwater, and semi-volatiles in the sediment." Groundwater contaminants were below GCTLs. However, sediment samples exceeded industrial Soil Cleanup Target Levels (SCTLs). Recommendations included periodic groundwater monitoring, proper containerization and disposal of "spent cleaning fluids," discontinue the application of "excess materials" to their own parking lot, and removal of the current layer of "Anti-Dust 100" from the parking lot. A groundwater flow map depicted flow to the west, cross gradient to Pond 1A, and the outfall. No further regulatory files were found on the OCULUS database. Although the address identified by EDM, and the FDEP's report state "4917" is the number associated with the address, maps included in the FDEP's report depicts the actual location at 4927 Hartford Street (based on the HCPA database). Given the separation distance of 50 feet, and cross-gradient groundwater flow, this site is considered a low risk. EDM 2 – Former Interstate Uniform Services Corp., 4027 S. 50th Street (currently 4023 S. 50th Street according to HCPA), is located 120 feet south of Pond 1A. This site was observed as Lee Auto Group, a sales and service facility. No tanks, monitor wells or hazardous materials were noted. Tank information was not provided in EDM's report, except facility status is "open." Files were not found on the OCULUS database. Therefore, Tierra emailed the Environmental Protection Commission of Hillsborough County (EPCHC) on May 4, 2021 for information regarding this facility. No records were found. Tierra also emailed the FDEP Southwest District on May 5, 2021, and no records were found. No petroleum storage tanks, or indicators such as vent pipes, fill ports, and monitor wells were noted. It is possible underground storage tank may have been, or may still be present. Tierra was unable to confirm the presence or absence of one or more petroleum storage tanks. Therefore, the location, quantity, and contents of tanks remain unknown. The possibility remains the tanks may have been and may still be underground at this facility. Given the separation distance, and lack of a reported discharge, this site is considered a low risk. The remaining sites identified in EDM's report (EDM 1, 4, and 6) are located over 300 feet from Pond 1A. Given the separation distances over 300 feet, these sites are considered a low risk. Additionally, several auto repair facilities/salvage yards (no signage noted) noted in adjacent north and west areas during the site reconnaissance are located over 50 feet from Pond 1A. Since business signage was not noted, and parcel boundaries were not obvious, these were grouped together as Site 19 Auto Repair/Salvage. According to HCPA, Site 19 includes 4724, 4725, 4906, 4914, and 4920 Trenton Street. Given the separation distance, lack of reported discharges, and lack of contamination concerns noted during the site reconnaissance, these sites are considered a low risk. **Risk Rating:** Given the lack of documented contamination within the boundaries, and separation distance from offsite contamination concerns, POND 1A (including outfall) is assigned a risk rating of Low.

POND 2B	Solid Waste, Hazardous Wastes, Petroleum	Low	During the site reconnaissance, this site was observed as a staging yard for the adjoining southeast Edge Metals Recycling facility. The address is 5005 Performance Park Boulevard according to information found on the HCPA database. One open (no siding), metal roof shed was noted along the north boundary onsite. The west and central areas used for truck and trailer parking/storage, and metal storage containers. Land surface was comprised mainly of crushed asphalt. Several dewatering pumps, metal pipes, and equipment parts were stored in the east-central area. The eastern area was woods, and low, wet areas. Manmade ditches were located along the south and east boundaries. No petroleum tanks, hazardous materials, stained soil, stressed vegetation or groundwater monitor wells were noted. In an interview during the site reconnaissance on January 5, 2023, Mr. Mike Wortham, stated he is co-owner of the Edge Recycling facility which leases this site. He further stated no petroleum products or hazardous materials were on-site. Approximately 4 ½-inches of crushed asphalt was added to "level the site." Offsite, "warning" signs associated with EDM 5 – Delaney Creek Brownfield Redevelopment Area/Exide Technologies were noted along the south boundary which state "Contaminated Area Avoid Contact with Soil and Water…for information call FDEP (813) 470-5700." See discussion below. East of Pond 2B, clearing was in progress, and haul road was noted. Aerial photographs depict the site as cleared land, a manmade ditch along the east boundary, and possibly a low, wet area (southeast area) in 1957. Earthwork and possibly dumping was noted along the southern boundary (350 feet east of US 41 ROW) in 1973, 1980, and 1995. Although dense vegetation obscured visibility in this area during the site reconnaissance, evidence of dumping was not obvious during the site reconnaissance. Several trails were noted in 1998. A small grove was noted in the southeast area in 2002. Given the very short existence (only depicted in 2002 and gone in 2003) of the small grove, and lack of grove support structures in the southeast area onsite, this is considered a low risk. Small areas were cleared along the north-central boundary, and in the east-central area in 2003, 2007, and 2008. The site was developed and used as a paint ball park from 2014 to 2021, and cleared with a manmade ditch added along the south boundary in 2022. Most of the eastern area was cleared in 1957, and remained wooded from 1965 to current. The topographic map dated 1956 and photorevised in 1980 depicts white shading which indicates undeveloped land. One manmade ditch was depicted near the east boundary onsite. No structures were noted. **Contamination Concerns:** No regulatory listings were found for Pond 2B. Offsite, the nearest contamination concern is the adjoining south EDM 5 - Delaney Creek Brownfield Redevelopment Area/Exide Technologies site. This Brownfield Area, encompasses 36-acres, and is located east and west of US 41. This area is depicted in **CSER Appendix A**. During the site reconnaissance, this location was observed as fenced, grassy, and overgrown areas. Warning signs posted on the fence states "contaminated area avoid contact with soil and water," with the FDEP as the contact. EDM's report states discovery, assessment and remediation activities began in 1980. Cleanup status is listed as "open." The Annual Groundwater Monitoring Report dated July 2022 concludes "groundwater monitoring data from this reporting period are generally consistent with data obtained during historical groundwater monitoring events. The exception currently being evaluated is the disparity between results for samples from monitoring wells and results for samples collected from DPT/temporary locations during the recent injection events." The continuation of bioremediation groundwater injections was recommended to proceed semi-annually. An accelerated bioremediation program for treating chlorinated ethenes in groundwater was instituted in 2005. Metals, VOCs, and natural attenuation parameters are monitored quarterly, semiannually or annually. Groundwater flow in the upper surficial aquifer is generally to the south, towards Delaney Creek. Groundwater flow in the middle and lower surficial aquifer is generally to the west-southwest. Figures included in the report depict the nearest groundwater plume (arsenic) located 40 feet southwest of Pond 2B. Other groundwater plumes including arsenic, sulfate, and organics are depicted over 550 feet southwest of Pond 2B. See excerpts in **CSER Appendix F**. The Phase 4 Remediation Completion Report dated August 5, 2022 states 15,010 cubic yards of waste/soil (lead impacted soil, battery casings and components) were excavated and/or moved to the Waste Consolidation Area (Area 1), then were covered with warning fabric, 1.5 feet of clean fill, 0.5 feet of topsoil, and sod or seed. Given the regulatory status, groundwater flow to the south, away from Pond 2B, and groundwater testing results onsite (near south-central boundary), and near the north boundary of Pond 2B below GCTLs, this site is considered a low risk. Note: groundwater monitor wells were not observed onsite during the site reconnaissance. However, the mangled remains of both 1-inch and 2-inch diameter PVC was observed within the manmade ditch where two groundwater monitor wells were noted during the May 2021 site reconnaissance. Given the lengths, diameters, and location of the PVC remains, Tierra presumes these were the remains of the former monitor wells. EDM 7 – Foy's Transport Tire Service (Former Coastal Mart #628), is 3411 South 50th Street, located 280 feet southwest of Pond 2B. EDM's report states this site is a closed retail gas station with a total of four registered USTs removed in 1991. Two discharges were reported with discharge dates of December 7, 1988, and December 30, 1988. Site assessment is on-going. This facility is in the FDEP EDI program with a score/rank of 35/8533 (score when ranked 10) effective in 2012. Additionally, this facility is an inactive waste tire collector. A Supplemental Site Assessment Report (SSAR) dated April 30, 2021 (revised May 18, 2021) states groundwater testing conducted on November 25, 2020, found that "Dissolved hydrocarbon concentrations exceeded Natural Attenuation Default Concentrations (NADCs)," and GCTLs. The groundwater petroleum plume is depicted over 280 feet southwest of Pond 2B. See excerpts in **CSER Appendix F**. Given the separation distance of 280 feet, this site is considered a low risk. EDM 8 – Torbo Truck Repair/Ray's Truck Rental (Former Southeast Industrial and GTE Of FL Fleet CTR), 5160 Saint Paul Street (currently 3140 S. 50th Street according to HCPA), is located 280 feet north of Pond 2B. During the May 2021 site reconnaissance, this site was observed as a facility named Southeast Industrial, a business that provides vacuum trucks, hydro blast services, and acid tower maintenance services. EDM's report states this site has three registered 200-gallon USTs (installation dates unknown). Tank contents included: unleaded gasoline, new/lube oil, and waste oil. The three USTs were removed from the site on October 31, 1986. No discharges were reported. The most recent file on the FDEP OCULUS database dated June 19, 2007 states the facility has "closed/moved." While performing research for Southeast Industrial (ERIC_13883) located at 4513 Causeway Boulevard, it was discovered that files related to this site were included. In an undated mix of documents found on OCULUS, the most recent was a meeting sign-in sheet dated January 9, 2014. Figures depicting groundwater monitor well locations, and a "Groundwater Analytical Summary" table (no date; presumably 2013 or 2014) were also included. According to the table, the most recent sampling event occurred on December 30, 2013, and included all six groundwater monitor wells. Arsenic and manganese exceeded the GCTL (MW-50TH-1, and MW-50TH-4), but were below their NADCs. In 2009, sulfate exceeded the GCTL at MW-50TH-1, but was below the NADC in 2013. See excerpts in **CSER Appendix F**. Given the separation distance of 280 feet, this site is considered a low risk. EDM 9 – Azucar Sandwich Shop (Former C Mart #629), 3137 South 50th Street, is located 360 feet northwest of Pond 2B. This former gasoline station was issued an SRCO on December 6, 2022 for the May 19, 1988 discharge (see excerpts in **CSER Appendix F**). An EPCHC letter dated December 6, 2005 states "EPC staff reviewed the subject site file and concluded that the 10/16/86 discharge is data entry error. Therefore, the discharge should be deleted from PCT." See letter in **CSER Appendix F**. Given the separation distance, and regulatory status, this site is a low risk. The following contamination sites were noted offsite, in surrounding areas during the site reconnaissance, and review of historical aerial photographs. The nearest is Site 20 - Edge Metals Recycling, 5120 36th Avenue South, located 60 feet southeast of Pond 2B. One 550-gallon diesel AST was observed 300 feet southeast of Pond 2B. Given the separation distance of 300 feet to the AST, this site is considered a low risk. The remaining sites are located over 150 feet from Pond 2B, and include: Site 21 - CSX railroad tracks (north), Site 22 - Tony & Son Trucking, 3929 S. 50th Street (west), and Site 23 - Miconn Scaffolding 3309 S. 50th Street (west). No regulatory files were found for these sites. Given the separation distances of over 150 feet, these sites are considered a low risk. **Risk Rating:** Following extensive assessment and remediation, soil and groundwater contamination, and buried debris associated with the adjoining south Delaney Creek Brownfield Redevelopment/Exide Technologies site were not identified within Pond 2B; and groundwater flow to the south, away from Pond 2B. Therefore, Pond 2B is assigned a risk rating of Low.

POND 3A	Petroleum	**High**	During the site reconnaissance, the eastern portion of Pond 3A was observed as an existing manmade pond. The central portion is comprised of Site 28 - Thach Tire & Rim, 4916 Causeway Boulevard, a tire repair and replacement business. Small quantities (less than two gallons) of tire lubricant soap was noted at the tire compressor machine. The soap was situated on concrete, and is bio-degradable. The northern area was "built up," possibly the septic drainfield, and mostly covered with outdoor carpet. Several tire storage shelters (tents/shed), and several automobiles were parked/stored north of the main building. Based on an interview performed during the site reconnaissance on December 20, 2022, the owner (no name given) stated she was not aware of petroleum storage tanks or hazardous materials onsite. She also stated one hydraulic lift with an aboveground hydraulic fluid reservoir was removed from the west service bay; and she was not aware of previous use as a gasoline station. According to the EDM report, this facility is currently registered as an active waste tire collector. No petroleum storage tanks or monitor wells were noted. The western portion of Pond 3A is comprised of Site 15 - First Choice Cars, 4902 Causeway Boulevard, an auto repair facility. Repairs were performed in the west-central area on a concrete pad. The remainder of the site was bare soil and grass. Several small containers (less than 5-gallons) of lubricants, and solvents, along with tools and parts were stored in box containers located in the west-central area north of the concrete pad. Most of the parcel surface was obscured with parked/stored automobiles, and semi-trailers. An area of stained soil (apparently waste oil) approximately 10 square feet was observed about 10 feet north of the concrete pad (coordinates 27° 55.408 North, 82° 24.213). Photo documentation is provided in **Appendix E**. No petroleum storage tanks or monitor wells were noted. This site was identified in EDM's report as EDM 15 - FDOT Right-of-Way NE Corner of Sagasta & SR 676 located along the south boundary of Pond 3A (near west end). EDM's report states this site had five former USTs removed in 2008. The work was performed by the FDOT who reported a discharge on May 16, 2008. The Tank Closure report/Contamination Discovery Notification dated May 15, 2008 states that five unregistered USTs (one 400-gallon, two 530-gallon, and two 3,300-gallon) were discovered while performing utility structure installation/support services. The contents of each tank were unknown, and the tanks were removed in February 2008. Source removal of contaminated soils was performed in March and April 2008. The area was backfilled with clean fill material and FDOT construction activities resumed. An EPCHC letter dated June 23, 2008 states that further site assessment is required. However, an FDOT letter dated August 4, 2008 states that since the site had pre-existing contamination before FDOT involvement, the responsible party should be the entity that caused the contamination, and the FDOT did not plan to conduct further assessment at that time. See excerpts in **CSER Appendix F**. No SRCO was found. Tierra is not aware if a search for other USTs using GPR, or other means was used to determine if other USTs may be present in this vicinity. Since no tank closure/assessment reports were found, it is possible other USTs may be present. Given the lack of assessment/closure documentation, potential for other remaining USTs, and location within/near Pond 3A, this site is considered a high risk. The 1957 aerial photograph depicts five structures, and an RV park in the western area. Several trailers/mobile homes were added in 1965, and 1973. The RV park and structures located in the western area were no longer present, and the area is overgrown in 1980. One mobile home in the north-central area was removed by 1991. Clearing/earthwork was depicted in the central area in 1995 and 1998. Two structures along the south boundary were removed by 2002. The large structure at the southeast corner was removed by 2005. Approximately 10 to 15 trailers were depicted in the western area from 2003 to 2005. Debris and one roll-off was depicted in the western area in 2006. Only three structures were depicted along the south-central boundary in 2006. No other structures were depicted. The manmade Pond (eastern area) was first depicted in 2009. In the western area, clearing/earthwork was depicted in 2009 and 2010. The 2015 and 2016 aerial photographs depict one structure (possibly an office trailer) within a fenced area, and a concrete pad (south of fenced area) in the western area. Several structures were added in the central area from 2017 to 2019. The western area was vacated in 2018. Several semi-trailers and multiple vehicles were depicted in the western area from 2020 to 2022. The topographic map dated 1956 and photorevised 1980 depicts eight structures within Pond 3A, and/or along the south boundary. **Contamination Concerns:** Offsite, the following five sites were identified with regulatory files, and are located within 600 feet of Pond 3A: EDM 11 – Former Talman Tank and Equipment, 4701 Causeway Blvd, located 300 feet southwest of Pond 3A. During the site reconnaissance, this site was observed as Florida Tank Services Inc., a tanker repair facility. No groundwater monitor wells were noted. EDM's report states this facility has one 1,000-gallon leaded gasoline UST which was installed in 1982, and closed in place in March 1986. Given the separation distance of 300 feet, this site is considered a low risk. EDM 12 – FDOT ROW, 7-Eleven Store, 2801 S 50th St and 4919 Causeway Blvd, is located 160 feet south of Pond 3A. During the site reconnaissance, this site was observed as an active Marathon gas station. It should be noted that two facility IDs are listed at this address. According to the EDM report, thirteen tanks are registered under Facility ID 8625555: four 4,000-gallon USTs (two unleaded gasoline, one leaded gasoline, one diesel fuel) were removed from the site in 1987; one 4,000-gallon diesel fuel UST and three 10,000-gallon unleaded gasoline USTs were removed in 1998; one 20,000-gallon diesel fuel UST was removed in 2017; and two unleaded gasoline USTs (20,000-gallon, 15,000-gallon) were removed in 2018. One 20,000-gallon ethanol E10 UST and one 20,000-gallon diesel fuel UST are currently in service at the site. Petroleum discharge dates and statuses for Facility ID 8625555 are as follows: • September 11, 1988 – cleanup complete (SRCO issued August 24, 2016) • February 24, 1995 – cleanup complete (SRCO issued August 24, 2016) • June 10, 1999 – cleanup not required • January 8, 2007 – cleanup complete (SRCO issued April 15, 2010) • September 13, 2017 – cleanup complete (SRCO issued February 21, 2019) • January 31, 2018 – cleanup complete (SRCO issued May 22, 2019) According to EDM's report, one 1,000-gallon "other non-regulated" UST registered under Facility ID 9810315 was removed in March 2008. The Tank Closure Report/Contamination Discovery Notification dated May 14, 2008 states that one unregistered 1,000-gallon UST was discovered at the southwest corner of the US 41 and Causeway Boulevard intersection while performing FDOT utility structure installation/support services. The tank contained sand upon discovery. The tank was removed in March 2008. Following the tank removal, soil and groundwater samples were collected. The results of one soil sample (SS-8) exceeded SCTLs for benzo(a)pyrene and benzo(a)pyrene equivalents. Groundwater sampling results did not exceed GCTLs. Source removal of contaminated soils was performed in March and April 2008. The area was backfilled with clean fill material and FDOT construction activities resumed. Due to the presence of hydrocarbon-impacted soil, a discharge was reported on April 2, 2008. An EPCHC letter dated June 24, 2008 states that further site assessment is required. However, an FDOT letter dated August 4, 2008 states that since the site had "pre-existing contamination not caused or exacerbated by FDOT," the responsible party should be the entity that caused the contamination. The FDOT planned no further assessment at that time. See excerpts in **CSER Appendix F**. Given the separation distance of 160 feet, this site is assigned a risk rating of Low EDM 14 – Sunoco (Former United Oil #215), 4714 Causeway Blvd, is located 40 feet west of Pond 3A. This site was observed as an active Sunoco gas station, with the tank farm located 70 feet west of Pond 3A. Multiple groundwater monitor wells were also noted. According to the EDM report, this site has a total of eight registered petroleum tanks. Six USTs (unleaded gasoline, and diesel) were removed in 2000 and 2009. Two USTs (one 16,000-gallon unleaded gasoline, and one 12,000-gallon diesel) installed in 2009 remain in-service. Petroleum discharges were reported on December 28, 1988 and August 21, 1989. Cleanup for these discharges was combined and is currently in progress. The FDEP Deliverable Review letter dated August 30, 2022 states two offsite replacement wells to the south could not be installed due to lack of offsite access; a new scope of work will be forwarded to FDEP for issuance of a new Purchase Order; contamination concentrations are trending downward; the Natural Attenuation Default Concentration (NADC) for naphthalene was exceeded at MW-10; and the Environmental Protection Commission does not believe moving forward with a Pilot Test is warranted at this time. The Remedial Action Interim Report dated July 22, 2022 states GCTL exceedances were identified at four groundwater monitor wells: MW-4, MW-4R, MW-10, and CW-4. Figures in the report depict the groundwater plume 110 feet west of Pond 3A, and groundwater flow to the east, towards Pond 3A. Although SCTL exceedances were not identified, OVA readings ranged from less than 1 to 437 parts per million (ppm). Depth to groundwater ranged from 2.38 feet bls to

TABLE 1: PREFERRED POND SITES			
Pond Site ID	**Contaminants of Concern**	**Risk Rating**	**Comments**
			3.20 feet bls in May 2022. A Pilot Test Plan was recommended. See excerpts in **CSER Appendix F**. An FDEP offsite notification letter was submitted to the FDOT on February 10, 2017 for soil and/or groundwater contamination associated with this facility within the Causeway Boulevard ROW. Given the separation distance of 80 feet from the tank farm and 100 feet from the groundwater plume, this site is considered a low risk. EDM 16 – Former Chevron #48098, 2718 S 50th St, located 120 feet east of Pond 3A. This site was observed as a manmade pond. According to the EDM report, three "generic gasoline" USTs (capacity not specified) were removed from this site in January 1983. Petroleum discharges were reported on September 15 and September 16, 1987. The cleanup was combined and a No Further Action (NFA) letter was issued on April 20, 1994. No current contamination concerns were identified. Due to the lack of current contamination concerns, this site is considered a low risk. The following sites identified in EDM's report are located over 300 feet from Pond 3A. These are considered a low risk given the separation distance of at least 300 feet, and the types of regulatory listings. EDM 13 - Rosier Property (Former Gas Station, TANKS 8945228), 4702 Causeway Boulevard and 2750 S. 47th Street, located 480 feet west of Pond 3A. EDM 17 – Richards Construction Co. (TANKS 9600925), 5010 27th Avenue, located 350 feet northeast of Pond 3A. EDM 18 – Chavez Auto Transport (LUST/TANKS 9502663), 2436 S. 50th Street, located 420 feet northeast of Pond 3A. The following five sites identified during the site reconnaissance, and on aerial photographs are located at least 100 feet from Pond 3A. No regulatory files were found. These are considered a low risk given the separation distance of at least 100 feet, and lack of a reported discharge. Site 24 – Pro Tech Truck Service, 4901 Causeway Boulevard, located 170 feet south of Pond 3A. Site 25 – Delmar Automotive, 4717 Causeway Boulevard, located 180 feet southwest of Pond 3A. Site 27 – Allen's Access and Gate Automation, 4710 Causeway Boulevard , located 350 feet west of Pond 3A. Site 29 – Cubic Storage & Office Systems, 2449 S. 50th Street, located 100 feet north of Pond 3A. Site 30 – Avengers Auto Body Repair Shop/DMD Motors (former CSD Truck Repairs), 2802 S. 50th Street, located 240 feet southeast of Pond 3A. **Risk Rating:** Given the petroleum stained soil (10 square feet) observed in southwest area during the site reconnaissance, and the lack of tank closure/assessment, potential for other USTs remaining, and location within/near the southern boundary, Pond 3A is assigned a risk rating of High.

POND 3B	Petroleum	**High**	During the site reconnaissance, this site was observed with Sagasta Street along the east boundary, a residence (4711 E. El Camino Boulevard) in the north-central, and three commercial businesses (from west to east): EDM 13 - Rosier Property (Former Gas Station), 4702 Causeway Boulevard and 2750 S. 47th Street, is located within the western portion of Pond 3B. During the site reconnaissance, two businesses were observed at this site: R&E Tire Plus at 2750 S. 47th Street (western portion of parcel), and Caballero Auto Service at 4702 Causeway Boulevard (eastern portion of parcel). Both were used as active auto repair shops. A pump island (no pumps) with an aboveground hydraulic lift was noted south of the Caballero buildings. No groundwater monitor wells, or evidence of USTs (vent pipes, fill ports, etc.) were noted. However, visibility was mostly obscured with vehicles covering much of this parcel. This parcel was mostly paved (concrete and asphalt). One waste oil AST with stained soil (approximately 5 square feet) was noted just east of the AST. Several hydraulic lifts, and several 55-gallon drums labeled used oil filters were noted. According to the EDM report, this facility formerly maintained two leaded gasoline USTs (2,000-gallon, 4,000-gallon) which were removed from the site in July 1989. The tank registration form dated October 16, 1989 was found on the OCULUS database, but no maps, figures, or coordinates were provided. Although no discharges were reported, the lack of documentation supporting the tank removals is considered a data gap. The USTs and piping may remain within or near Pond 3B. The location of the former tanks was not identified in regulatory files or during the site reconnaissance. This site was first depicted on the 1965 aerial photograph, with an expansion to the north in 2005. Due to the lack of closure assessment, and the possibility USTs, and/or petroleum impacts may remain within Pond 3B, this site is considered a high risk. Site 27 – Allen's Access and Gate Automation, 4710 Causeway Boulevard, is located in the west-central area. During the site reconnaissance, this site was observed as Allen's Access and Gate Automation. Two 5-gallon gasoline containers were noted near the lawn equipment storage area, 30 feet north of the Causeway Boulevard ROW. No hazardous materials, or groundwater monitor wells were noted. No regulatory files were found. This site was first depicted on the 1957 aerial photograph. Given the lack of a reported discharge, this site is considered a low risk. EDM 14 – Sunoco (former United Oil #215), 4714 Causeway Blvd, is located within the eastern portion of Pond 3B. During the site reconnaissance, this site was observed as an active Sunoco gas station. The tank farm, and multiple groundwater monitor wells are located within Pond 3B. Areas to the north and west of the Sunoco were grassy with sparse trees. According to the EDM report, this site has a total of eight registered petroleum tanks. Six USTs (unleaded gasoline, and diesel) were removed in 2000 and 2009. Two USTs (one 16,000-gallon unleaded gasoline, and one 12,000-gallon diesel) installed in 2009 remain in-service. Petroleum discharges were reported on December 28, 1988 and August 21, 1989. Cleanup for these discharges was combined and is currently in progress. The FDEP Deliverable Review letter dated August 30, 2022 states two offsite replacement wells to the south could not be installed due to lack of offsite access; a new scope of work will be forwarded to FDEP for issuance of a new Purchase Order; contamination concentrations are trending downward; the Natural Attenuation Default Concentration (NADC) for naphthalene was exceeded at MW-10; and the Environmental Protection Commission does not believe moving forward with a Pilot Test is warranted at this time. The Remedial Action Interim Report dated July 22, 2022 states GCTL exceedances were identified at four groundwater monitor wells: MW-4, MW-4R, MW-10, and CW-4. Figures in the report depict the groundwater plume 20 feet south of Pond 3B, and groundwater flow to the east, and south, cross-gradient and down-gradient from Pond 3B, respectively. Although SCTL exceedances were not identified, OVA readings ranged from less than 1 to 437 parts per million (ppm). The highest readings were south of the tank farm, near the south boundary of Pond 3B. Depth to groundwater ranged from 2.38 feet bls to 3.20 feet bls in May 2022. A Pilot Test Plan was recommended. See excerpts in **CSER Appendix F**. An FDEP offsite notification letter was submitted to the FDOT on February 10, 2017 for soil and/or groundwater contamination within the Causeway Boulevard ROW. This site was first depicted on the 1973 aerial photograph. Given the USTs located within Pond 3B, and the proximity of the groundwater plume, and impacted soil, this site is considered a contamination risk to Pond 3A. Aerial photographs depict the western area with one or two structures, and the eastern area as an open field in 1957. Another structure (EDM 13 - gas station) was depicted at the southwest boundary in 1965, and another structure (EDM 14 - gas station) was depicted at the southwest boundary in 1973. A trailer/mobile home was depicted in the northwest area from 1973 to 1991. Clearing/earthwork was depicted in the western area in 1998 and 2002. In the eastern area, clearing/earthwork, and one trailer/mobile home was depicted in 2002. In the western area, multiple vehicles were depicted from 2006 to 2022. The northwest area was paved in 2020. The topographic map dated 1956 and photorevised 1980 depicts white shading which indicates undeveloped land, and five small structures. **Contamination Concerns:** Offsite, the nearest contamination concerns are: Site 15 - First Choice Cars, 4902 Causeway Boulevard, an auto repair facility is located adjoining east of Pond 3B. Repairs were performed 50 feet east of Pond 3B. Several small containers (less than 5-gallons) of lubricants, and solvents, along with tools and parts were stored in box containers located in the west-central area north of the concrete pad. Most of the parcel surface was obscured with parked/stored automobiles, and semi-trailers. No petroleum storage tanks or monitor wells were noted. This site was identified in EDM's report as EDM 15 - FDOT Right-of-Way NE Corner of Sagasta & SR 676. EDM's report states this site had five former USTs removed in 2008. The work was performed by the FDOT who reported a discharge on May 16, 2008. The Tank Closure Report dated May 15, 2008 states that five unregistered USTs (one 400-gallon, two 530-gallon, and two 3,300-gallon) were discovered while performing utility structure installation/support services. Source removal of contaminated soils was performed in March and April 2008. The area was backfilled with clean fill material and FDOT construction activities resumed. An EPCHC letter dated June 23, 2008 states that further site assessment is required. However, an FDOT letter dated August 4, 2008 states that since the site had pre-existing contamination before FDOT involvement, the responsible party should be the entity that caused the contamination, and the FDOT did not plan to conduct further assessment at that time. See excerpts in **CSER Appendix F**. No SRCO was found. Tierra is not aware if a search for other USTs using GPR, or other means was used to determine if other USTs may be present in this vicinity. Since no tank closure/assessment reports were found, it is possible other USTs may be present. Given the proximity, lack of assessment/closure documentation, potential for other remaining USTs, this site is considered a risk to Pond 3B. Site 26 – EZ Hollywood Tops (former gasoline station), 4710 Causeway Boulevard, is located 70 feet west of Pond 3B. During the site reconnaissance, this site was observed as EZ Hollywood Tops, an automotive service shop. Although the parking lot appeared recently resurfaced, cuts in the asphalt resembled former pump islands and groundwater monitor wells. The service bays and storage areas were mostly not visible (behind walls and covered fencing) during the site reconnaissance. No vent pipes, fill ports or ASTs were noted. No regulatory files were found. This site was first depicted in 1965. Pump islands were noted on aerial photographs from 1965 to 1980. Given the separation distance of 70 feet, and lack of a reported discharge, this site is considered a low risk. The following four sites identified during the site reconnaissance, and on aerial photographs are located at least 160 feet from Pond 3B. These are considered a low risk given the separation distance of at least 160 feet, and lack of a reported discharge. Site 24 – Pro Tech Truck Service, 4901 Causeway Boulevard, located 160 feet south of Pond 3B. Site 25 – Delmar Automotive, 4717 Causeway Boulevard, located 160 feet south of Pond 3B. Site 28 - Thach Tire & Rim, 4916 Causeway Boulevard, located 200 feet east of Pond 3B. Site 29 – Cubic Storage & Office Systems, 2449 S. 50th Street, located 400 feet northeast of Pond 3B. **Risk Rating:** Given the Sunoco gas station (EDM 14) USTs located within Pond 3B, the proximity of the groundwater petroleum plume, and impacted soil; the potential USTs and/or soil and groundwater impacts associated with EDM 13 (former gas station) may be within Pond 3B; and the proximity, lack of assessment/closure documentation, potential petroleum impacts associated with Site 15, Pond 3B is assigned a risk rating of High.

8.0 Conclusions and Recommendations

8.1 Conclusions

A total of four preferred pond sites were included in this contamination screening evaluation. The following table presents a summary of the risk ratings assigned for each preferred pond site:

Table 2: Summary of Risk Ratings – Preferred Ponds			
High	Medium	Low	No
2	0	2	0

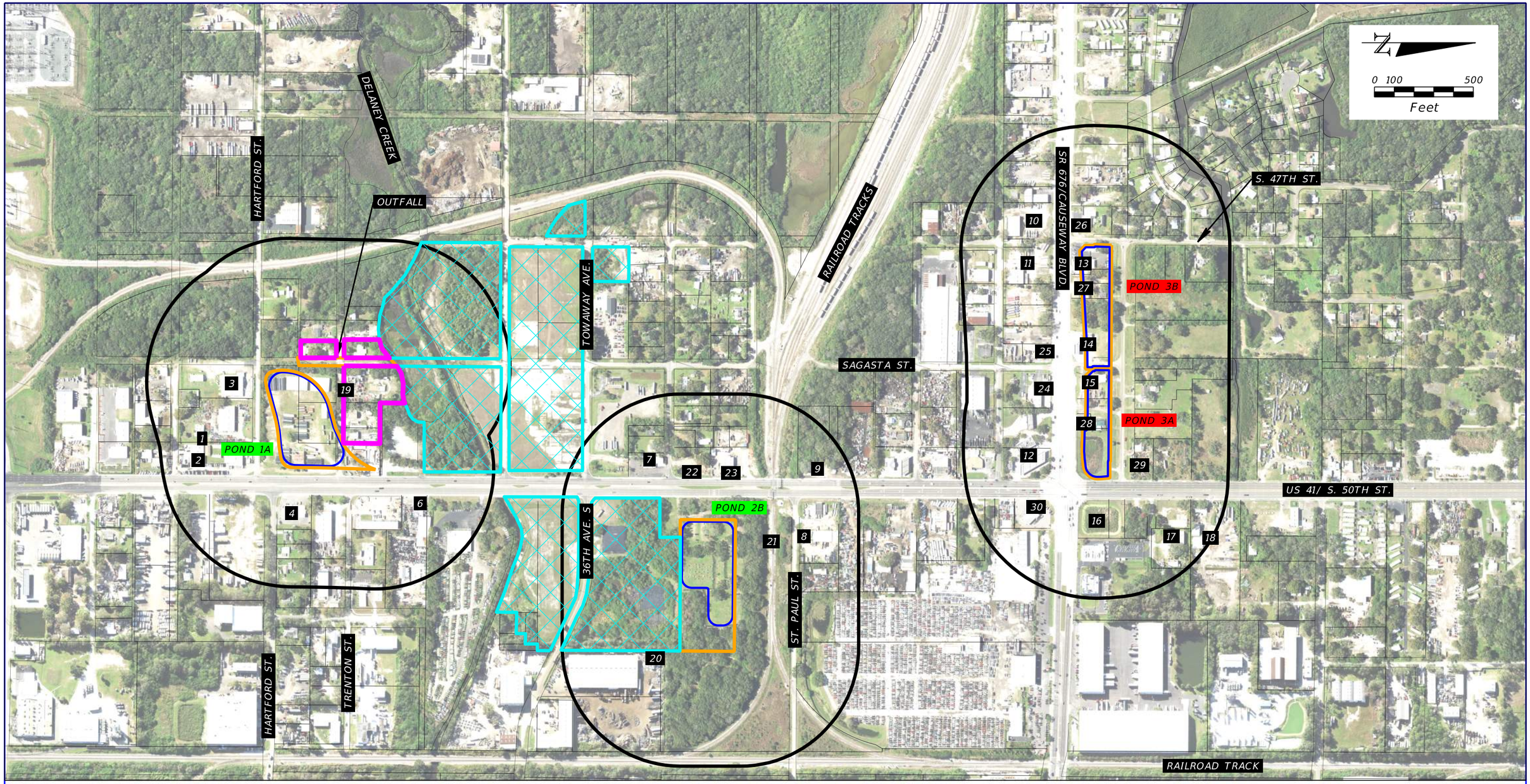
Each of the four preferred pond sites are located outside of existing ROW and therefore will require additional right-of-way acquisition if selected for final design.

8.2 Recommendations and Cost Estimates

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 and/or proceeding with roadway construction. If the preferred pond sites 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.
- Two High rated preferred pond sites (none were rated Medium) were identified for this project. The Level II can include hazardous material surveys, soil borings, Ground Penetrating Radar (GPR), monitor well installation, soil and groundwater sampling, and laboratory testing. Further evaluation and Level II testing, if deemed appropriate by the District Contamination Impact Coordinator is recommended for the following:
    - Petroleum – For Pond 3A and Pond 3B, soil and groundwater analytical testing may include TRPH by the Florida PRO Method, BTEX/MTBE by United States Environmental Protection Agency (EPA) Method 8260, and PAHs by EPA Method 8270. Detections above the regulatory standard may require additional samples for delineation purposes. Additionally, Organic Vapor Analyzer (OVA) screening may be included. To determine the presence/absence of USTs, GPR may be warranted for Pond 3B.
    - Level II testing costs are estimated at $5,000 to $10,000 per site. If Level III support is needed for National Pollution Discharge Elimination System permitting and treatment, costs can reach up to $100,000 per site.

APPENDIX A PREFERRED DRAINAGE SITES



PREFERRED DRAINAGE SITES

SOURCE: FDOT SURVEY AND MAPPING DATED 2020

SITE 5 - EXIDE TECH/DELANEY CREEK BROWNFIELD REDEVELOPMENT AREA

SITE 19 - AUTO REPAIR/SALVAGE

PREFERRED DRAINAGE SITE — SITE NO. — GREEN = NO/LOW RISK DRAINAGE SITES

600 FOOT BUFFER — SITE NO. — RED = HIGH/MEDIUM RISK DRAINAGE SITES

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
			TIERRA PROJECT NO.: 6511-18-025-002E

TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

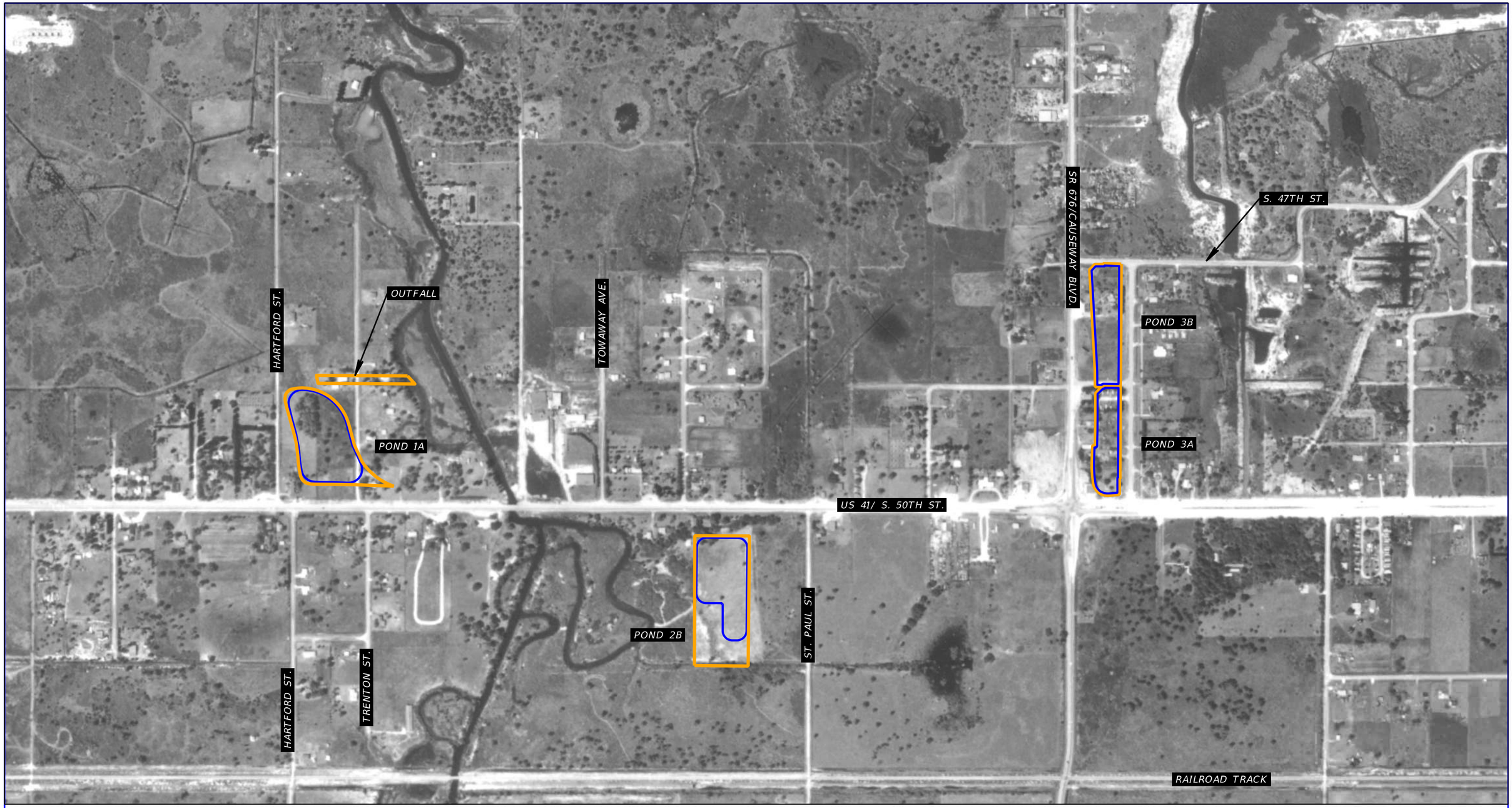
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41	HILLSBOROUGH	440749-1-22-01

US 41/SR 45/SR 599 FROM SOUTH OF THE SR 676/CAUSEWAY BOULEVARD NORTH OF THE SR 676/ CAUSEWAY BOULEVARD INTERSECTION

SHEET NO.
A-1

bgarcia 2/15/2023 11:05:25 AM Default J:\6511\2018 Files\6511-18-025 US 41 at CSX\Design Phase\Microstation\pdgeoPotContam01.dgn

APPENDIX B HISTORICAL AERIAL PHOTOGRAPHS



1957 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: UNIVERSITY OF FLORIDA

PREFERRED DRAINAGE SITE

N

0 100 500

Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
			TIERRA PROJECT NO.: 6511-18-025-002E

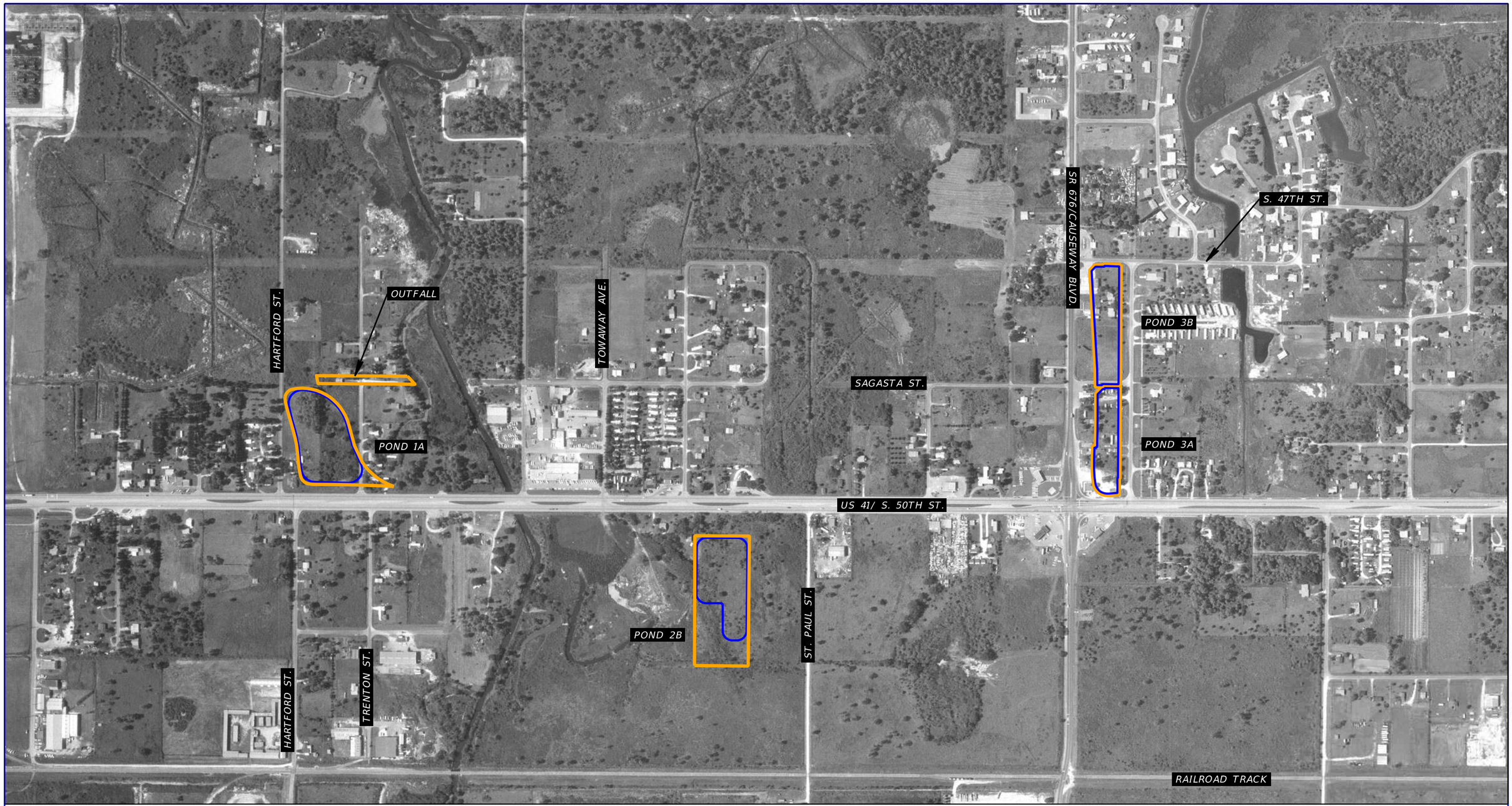
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41	HILLSBOROUGH	440749-1-22-01

US 41/SR 45/SR 599 FROM SOUTH OF THE SR 676/CAUSEWAY BOULEVARD NORTH OF THE SR 676/ CAUSEWAY BOULEVARD INTERSECTION

SHEET NO.
B-1



1965 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

PREFERRED DRAINAGE SITE

0 100 500
Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
			TIERRA PROJECT NO.: 6511-18-025-002E

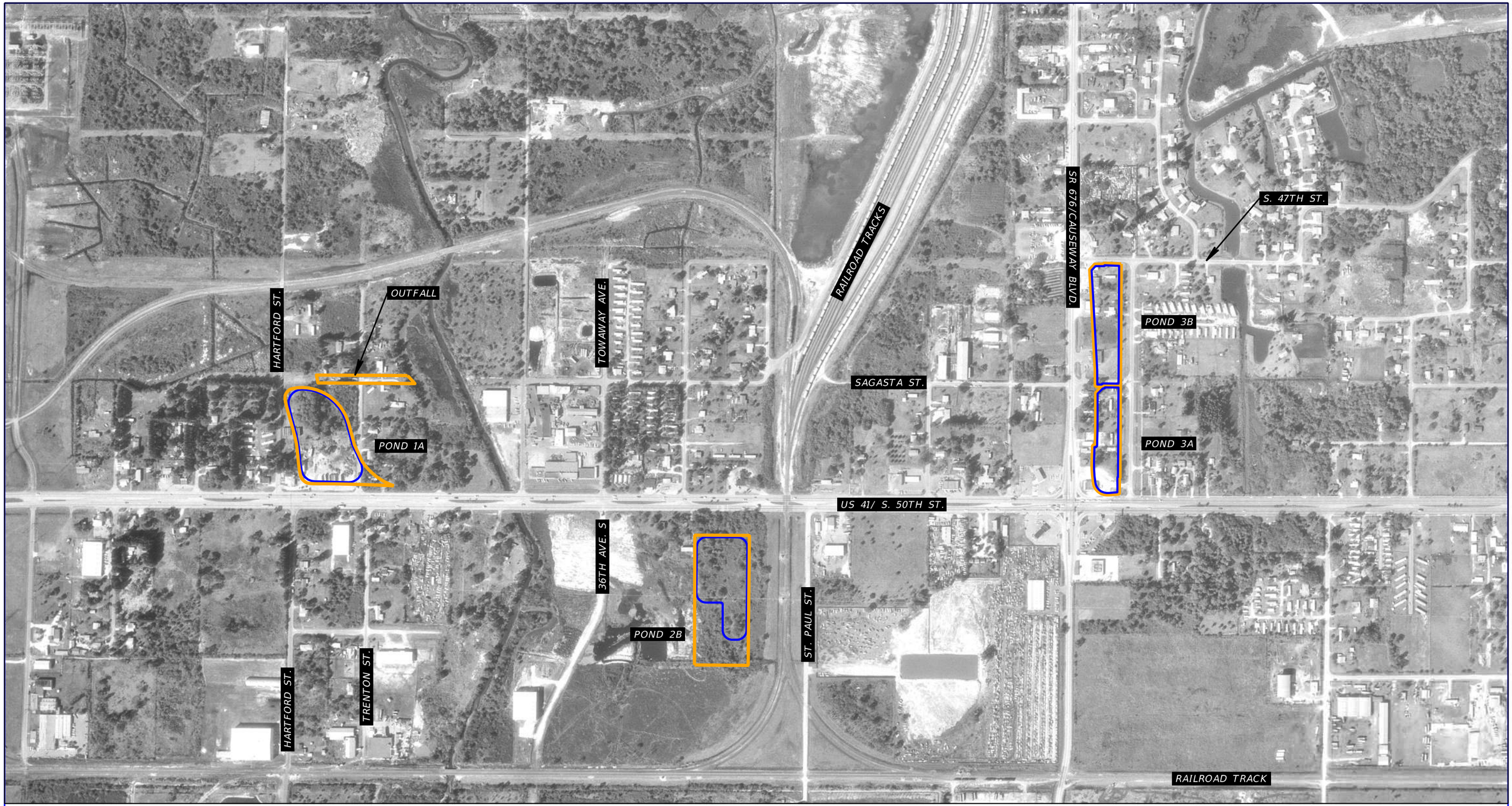
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41	HILLSBOROUGH	440749-1-22-01

US 41/SR 45/SR 599 FROM SOUTH OF THE SR 676/CAUSEWAY BOULEVARD NORTH OF THE SR 676/ CAUSEWAY BOULEVARD INTERSECTION

SHEET NO.
B-2



1973 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

PREFERRED DRAINAGE SITE

0 100 500
Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
			TIERRA PROJECT NO.: 6511-18-025-002E

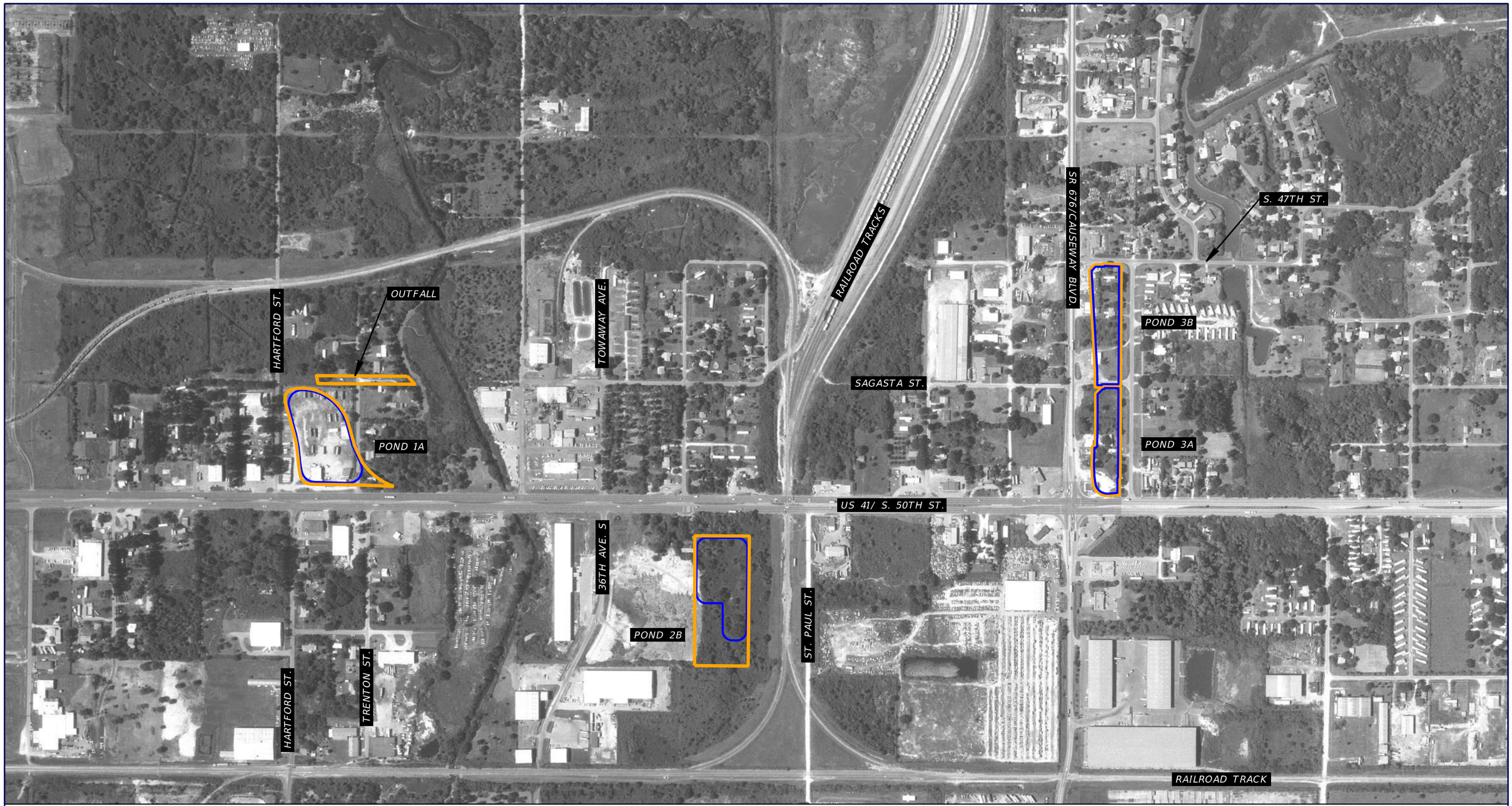
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41	HILLSBOROUGH	440749-1-22-01

US 41/SR 45/SR 599 FROM SOUTH OF THE SR 676/CAUSEWAY BOULEVARD NORTH OF THE SR 676/ CAUSEWAY BOULEVARD INTERSECTION

SHEET NO.
B-3



1980 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

PREFERRED DRAINAGE SITE

0 100 500
Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
			TIERRA PROJECT NO.: 6511-18-025-002E

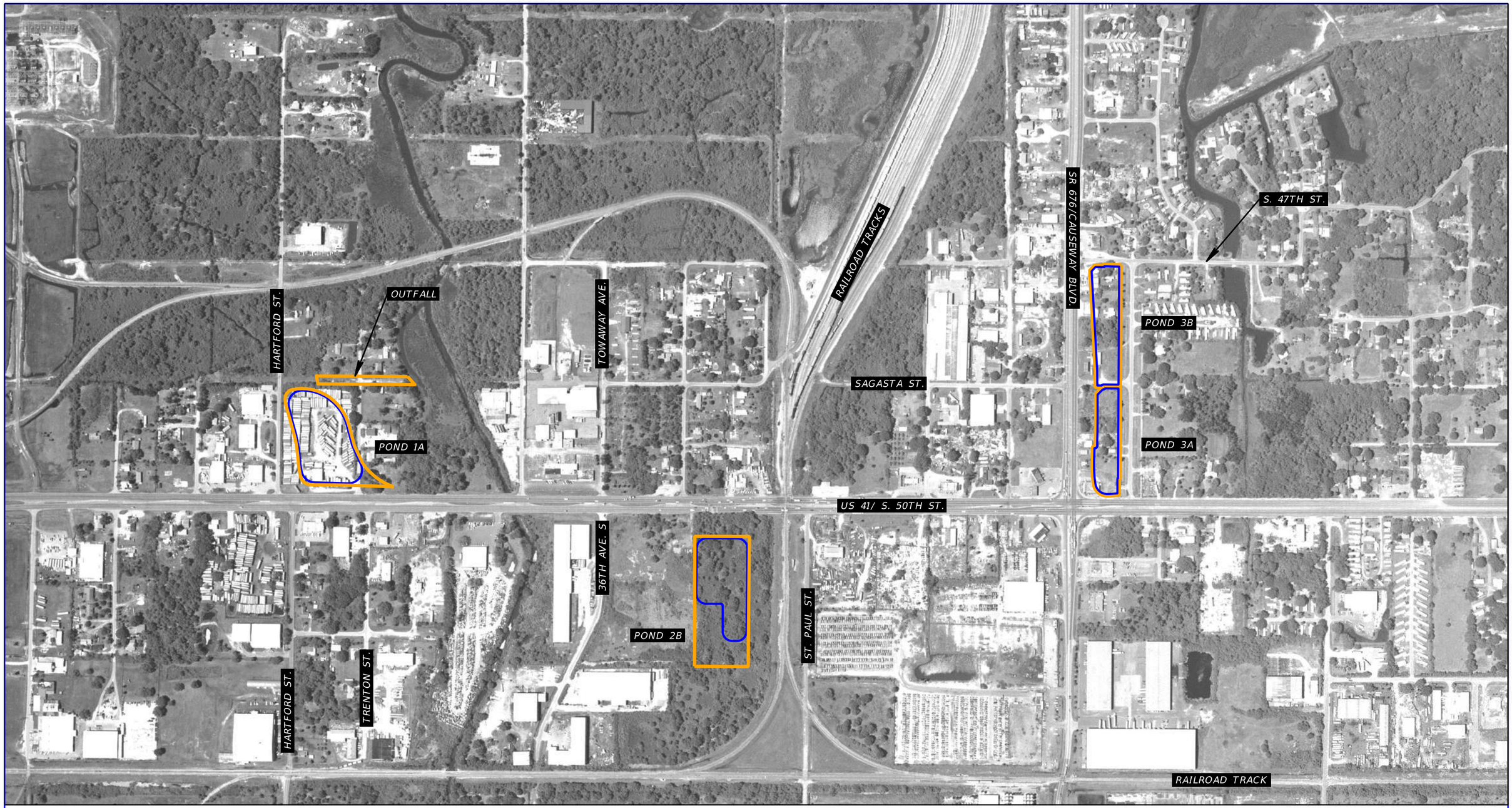
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41	HILLSBOROUGH	440749-1-22-01

US 41/SR 45/SR 599 FROM SOUTH OF THE SR 676/CAUSEWAY BOULEVARD NORTH OF THE SR 676/ CAUSEWAY BOULEVARD INTERSECTION

SHEET NO.
B-4



1991 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

PREFERRED DRAINAGE SITE

0 100 500
Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
			TIERRA PROJECT NO.: 6511-18-025-002E

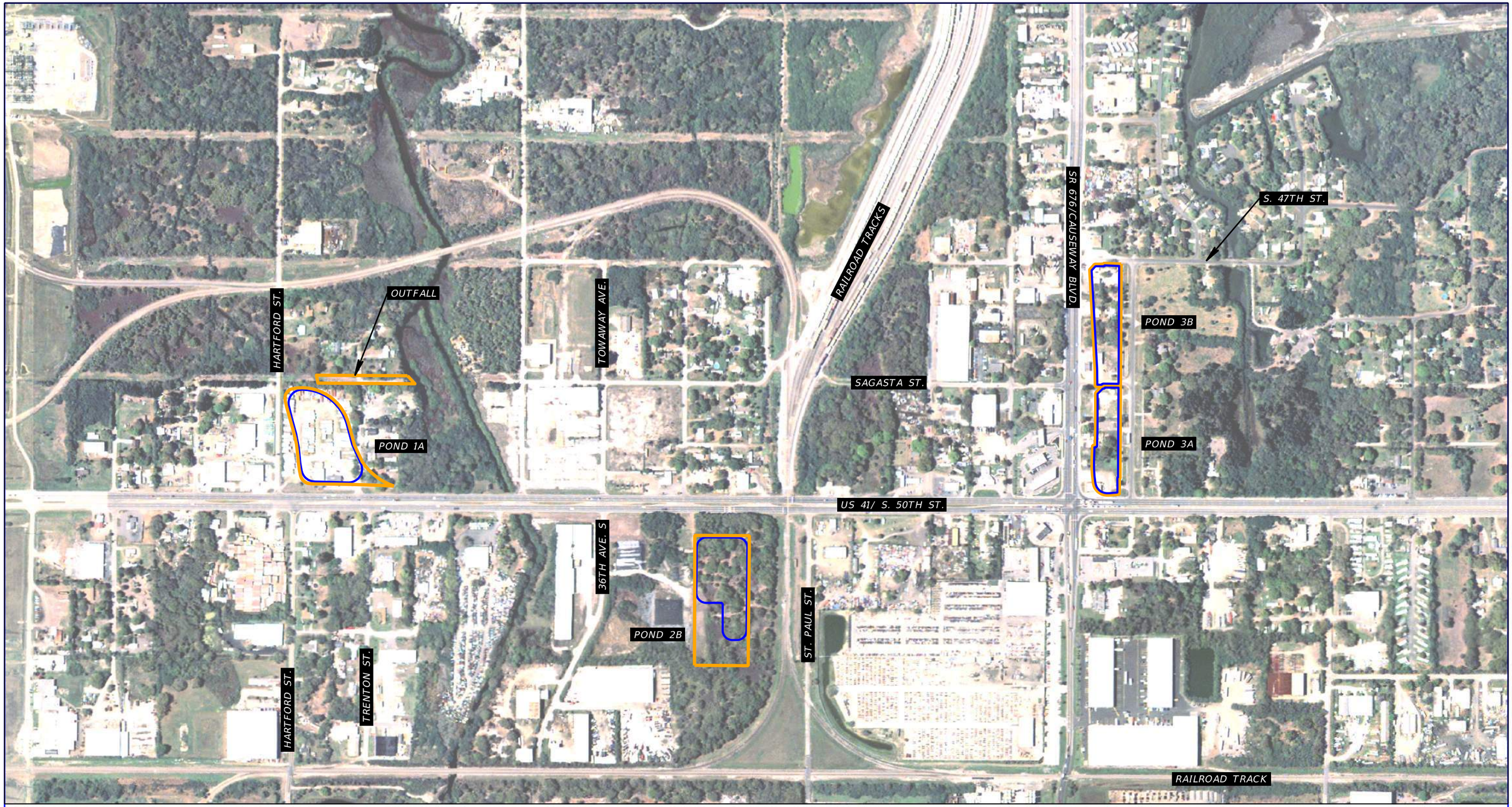
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41	HILLSBOROUGH	440749-1-22-01

US 41/SR 45/SR 599 FROM SOUTH OF THE SR 676/CAUSEWAY BOULEVARD NORTH OF THE SR 676/ CAUSEWAY BOULEVARD INTERSECTION

SHEET NO.
B-5



2000 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

PREFERRED DRAINAGE SITE

0 100 500
Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
			TIERRA PROJECT NO.: 6511-18-025-002E

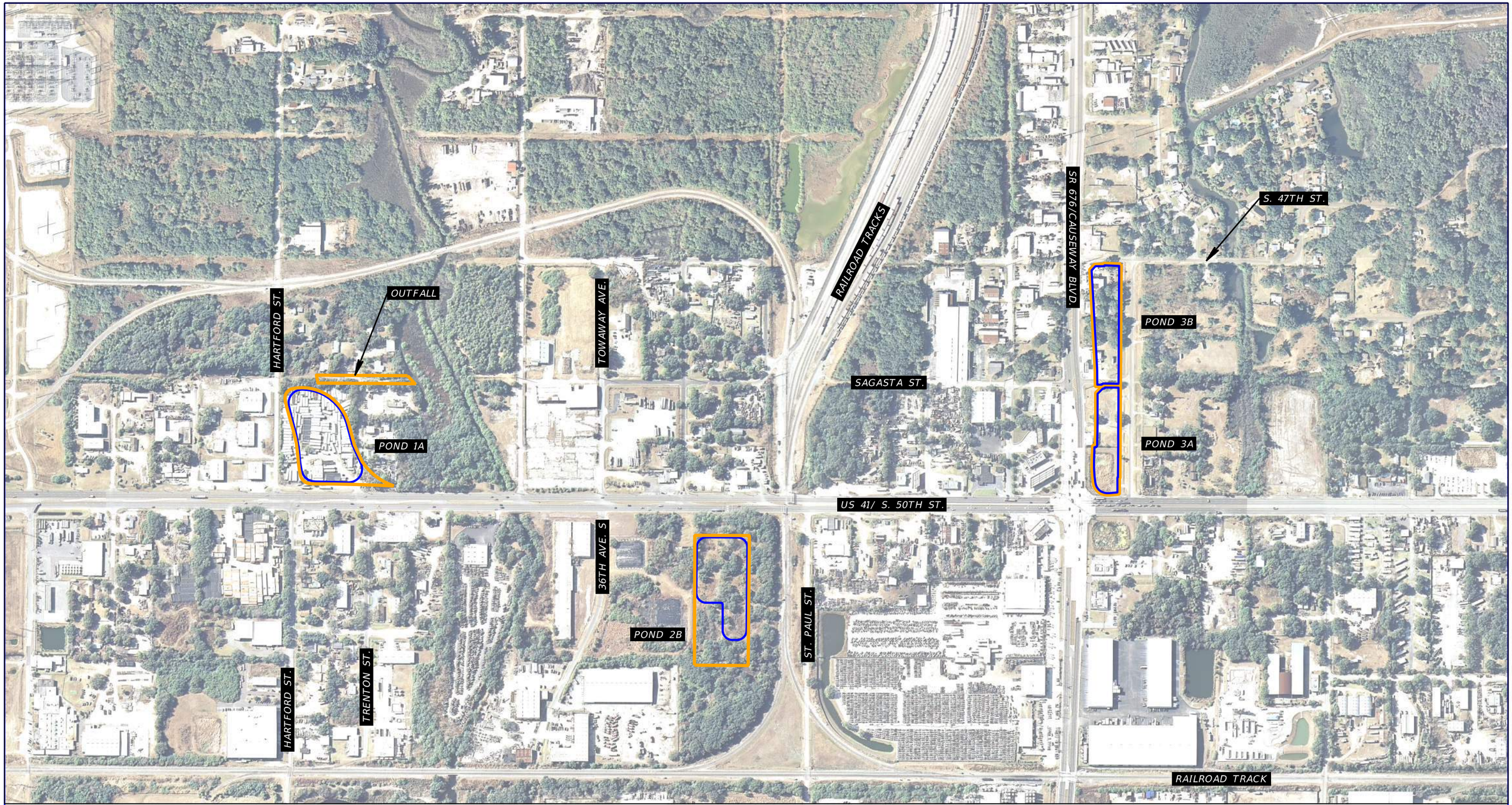
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41	HILLSBOROUGH	440749-1-22-01

US 41/SR 45/SR 599 FROM SOUTH OF THE SR 676/CAUSEWAY BOULEVARD NORTH OF THE SR 676/ CAUSEWAY BOULEVARD INTERSECTION

SHEET NO.
B-6



2011 HISTORICAL AERIAL PHOTOGRAPH

SOURCE: FDOT SURVEY AND MAPPING

PREFERRED DRAINAGE SITE

0 100 500
Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
			TIERRA PROJECT NO.: 6511-18-025-002E

TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

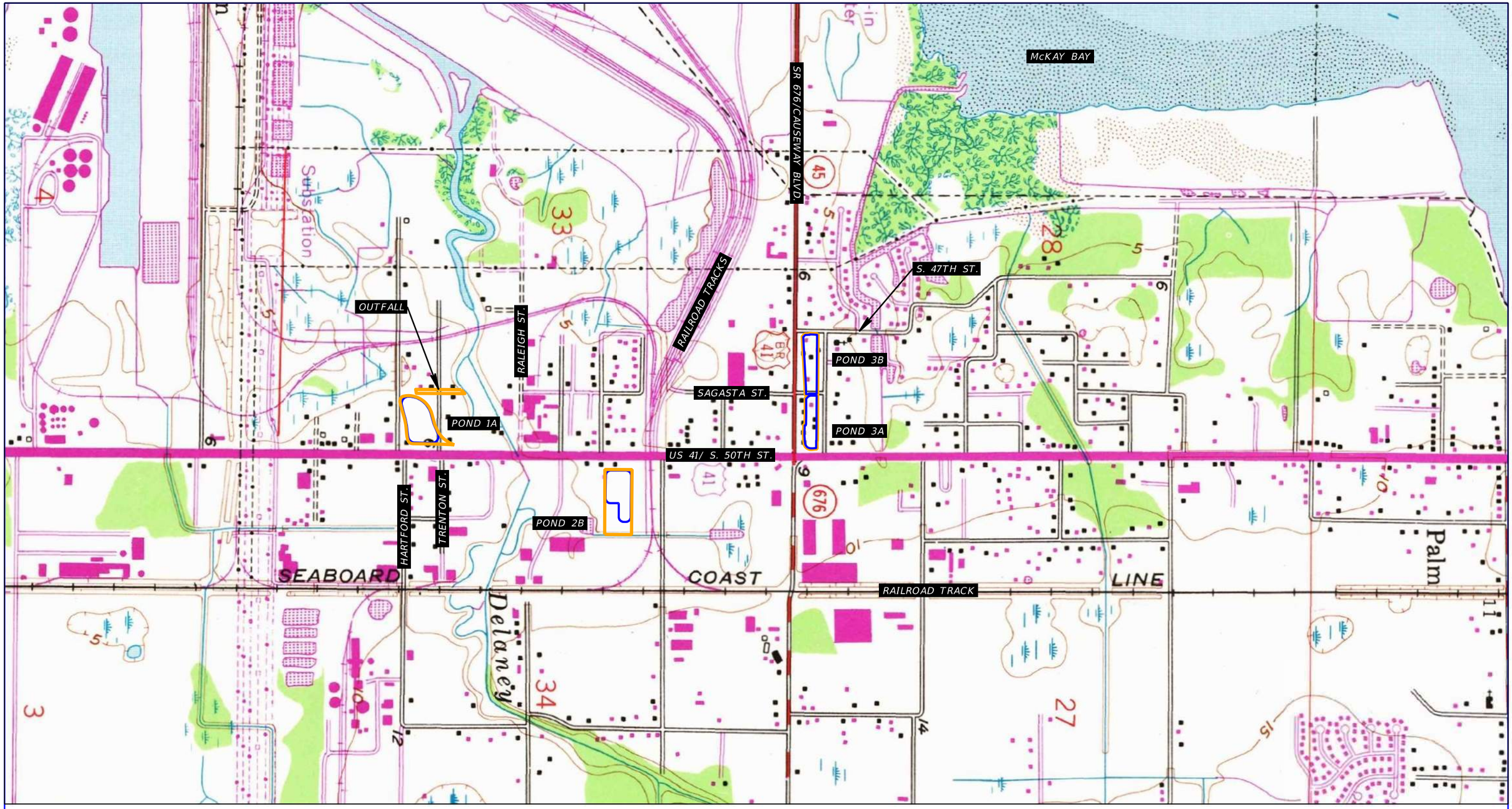
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41	HILLSBOROUGH	440749-1-22-01

US 41/SR 45/SR 599 FROM SOUTH OF THE SR 676/CAUSEWAY BOULEVARD NORTH OF THE SR 676/ CAUSEWAY BOULEVARD INTERSECTION

SHEET NO.
B-7

APPENDIX C USGS TOPOGRAPHIC MAP



USGS TOPOGRAPHIC MAP

SOURCE: USGS 7.5-MINUTE "TAMPA, FLORIDA" DATED 1956, (PHOTOREVISED 1981)

PREFERRED DRAINAGE SITE

0 200 1000
Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
			TIERRA PROJECT NO.: 6511-18-025-002E

TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
US 41	HILLSBOROUGH	440749-1-22-01

US 41/SR 45/SR 599 FROM SOUTH OF THE SR 676/CAUSEWAY BOULEVARD NORTH OF THE SR 676/ CAUSEWAY BOULEVARD INTERSECTION

SHEET NO.
C-1

APPENDIX D REGULATORY DATABASE REPORT

Environmental Data Report

Custom Radius Research

Subject Property:

US 41 at CSX

Hillsborough 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

January 09, 2023

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

January 09, 2023

Chris Garth
Tierra Inc
7351 Temple Terrace Hwy
Tampa, FL 33637

Subject: **Custom Radius Research - EDM Project #26368**

Dear Mr. Garth

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:

US 41 at CSX

Hillsborough 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: 1/9/2023

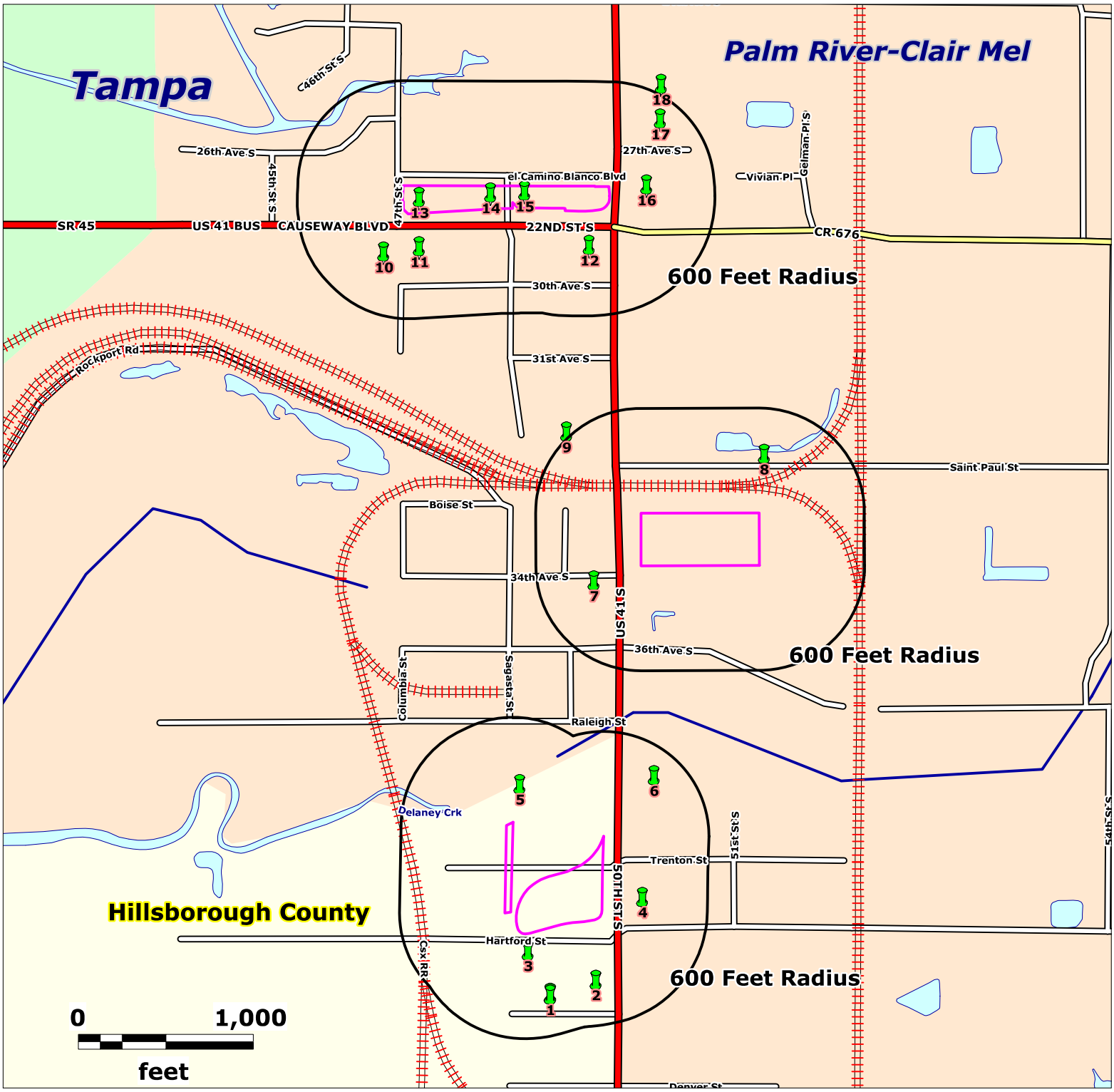
Client Information	Project Information
Tierra Inc 7351 Temple Terrace Hwy Tampa, FL 33637 Client Job No: 6511-18-025-002E Client P.O. No:	Custom Radius Research US 41 at CSX Hillsborough County, Florida EDM Job No# 26368

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)	1
Archived Cerclis Sites(NFRAP)	1
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

AGENCY DATABASES RESEARCHED	Total # Found
FDEP DATABASES	
State NPL Equivalent(STNPL)	0
State CERCLIS/SEMS Equivalent(STCERC)	9
Solid Waste Facilities List_Landfills(SLDWST_LF)	0
Leaking Underground Storage Tanks List(LUST)	9
Underground/Aboveground Storage Tanks(TANKS)	17
State Designated Brownfields(BRWNFLDS)	1
Voluntary Cleanup List(VOLCLNUP)	6
Institutional and/or Engineering Controls(INSTENG)	0
Dry Cleaners List(DRY)	0

600 Feet Radius Research Report
Street Map



Source: US Census Bureau TIGER Files

Map Scale and Property Boundaries are Approximate

Subject Property

US 41 at CSX
Hillsborough County, Florida

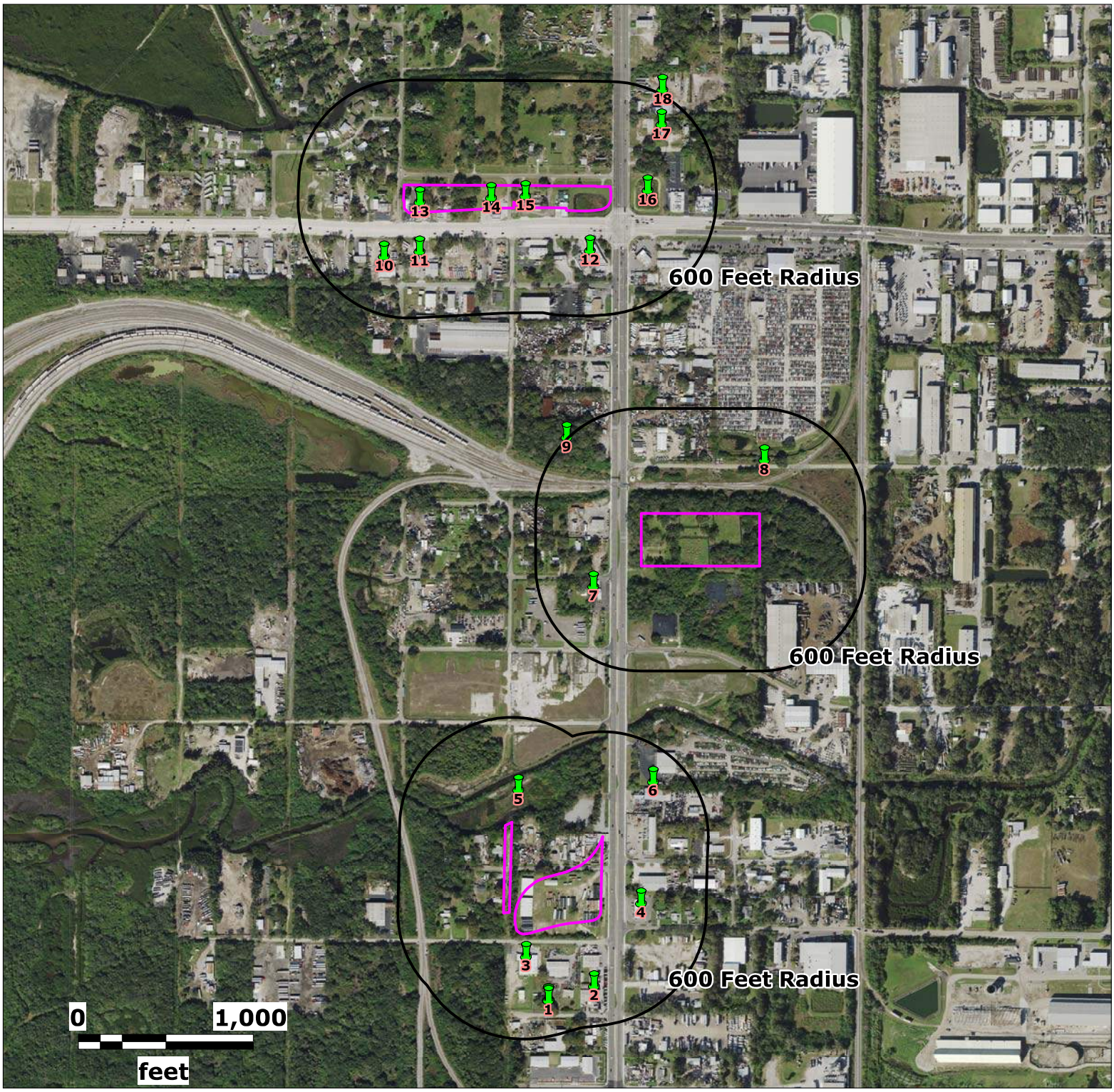
Lat (DMS): 27 55' 5.1816"
Lon (DMS: -82 24' 1.5948"

EDM Job No: 26368
January 9, 2023

Approximate Site Boundary

Regulated Site

600 Feet Radius Research Report
2020 Aerial Photo



Source: Florida Department of Transportation

Map Scale and Property Boundaries are Approximate

Subject Property

US 41 at CSX
Hillsborough County, Florida

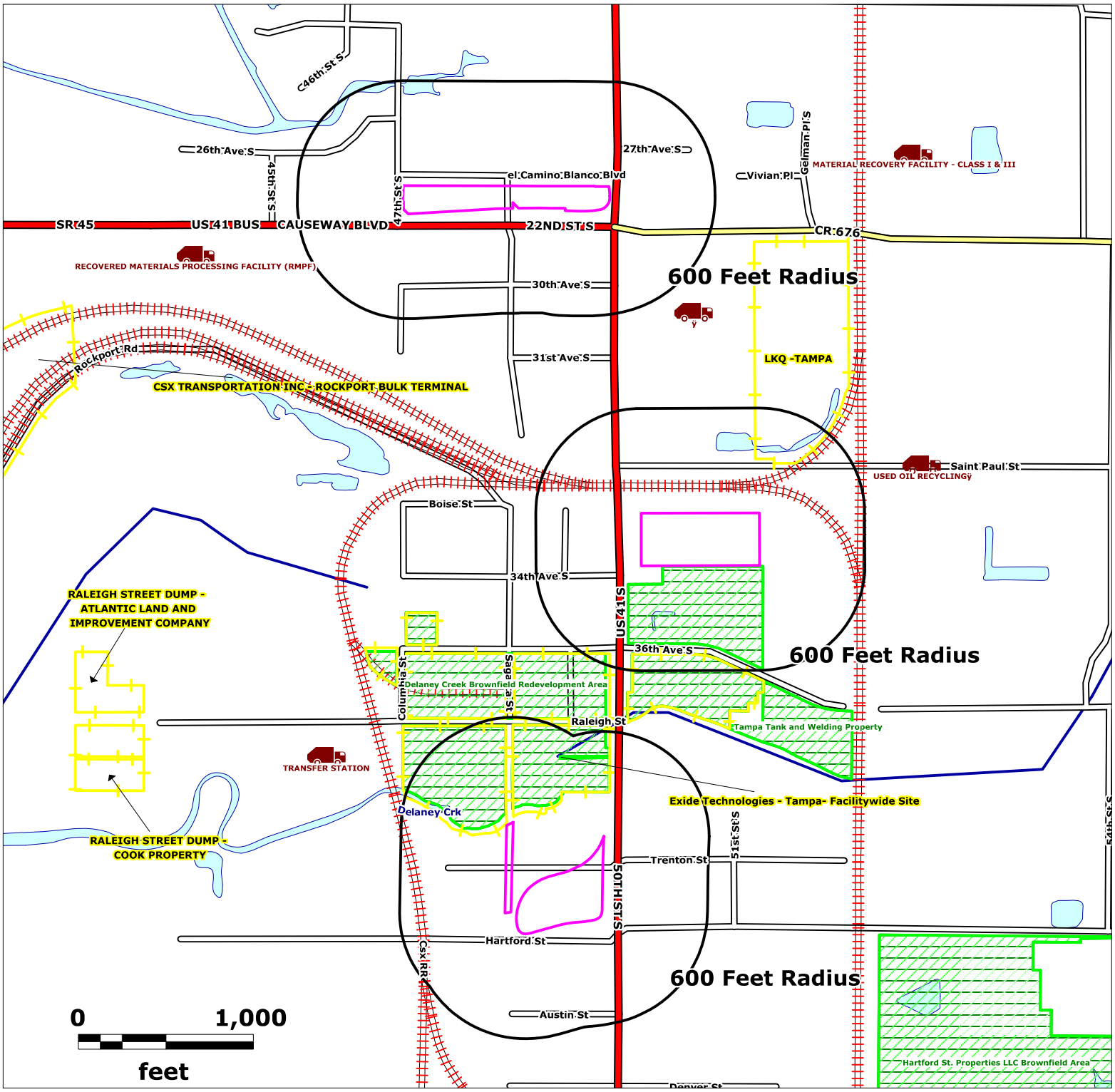
Lat (DMS): 27 55' 5.1816"
Lon (DMS: -82 24' 1.5948"

EDM Job No: 26368
January 9, 2023

Approximate Site Boundary

Regulated Site

600 Feet Radius Research Report
Environmental Impact Areas Map



Source: FDEP and USEPA Geodata

Map Scale and Property Boundaries are Approximate

Subject Property

US 41 at CSX
Hillsborough County, Florida

Lat (DMS): 27 55' 5.1816"
Lon (DMS: -82 24' 1.5948"

EDM Job No: 26368
January 9, 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: 1/9/2023

MapID / Prgm List	Fac ID No	Site Dist (mi)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address
1						
NFRAP	FLD981929250	0.08	5.26	Higher	AUSTIN ROAD DRUMS	AUSTIN ROAD HILLSBOROUGH, FL
SEMSARCH	FLD981929250	0.08	5.26	Higher	AUSTIN ROAD DRUMS	AUSTIN ROAD HILLSBOROUGH, FL
STCERC	ERIC_14020	0.08	5.26	Higher	AUSTIN ROAD DRUMS	AUSTIN ROAD TAMPA, FL 33619
VOLCLNUP	373282	0.08	5.26	Higher	AUSTIN ROAD DRUMS	AUSTIN ROAD TAMPA, FL 33619
VOLCLNUP	ERIC_14020	0.08	5.26	Higher	AUSTIN ROAD DRUMS	AUSTIN ROAD TAMPA, FL
2						
TANKS	9600746	0.08	6.39	Higher	INTERSTATE UNIFORM SERVICES CORP	40270 50TH ST S TAMPA, FL 33619
3						
STCERC	5964	0.03	5.11	Higher	Hi Tech Products Part A-1996	4917 Hartford St Tampa, FL 33619
STCERC	ERIC_5964	0.03	5.11	Higher	Hi Tech Products Part A-1996	4917 Hartford St Tampa, FL 33619
VOLCLNUP	76322	0.03	5.11	Higher	HITECH PRODUCTS INC	4917 HARTFORD ST TAMPA, FL 33619
VOLCLNUP	ERIC_5964	0.03	5.11	Higher	Hi Tech Products Part A-1996	4917 Hartford St Tampa, FL
4						
TANKS	8627328	0.04	7.51	Higher	BUTTERKRUST BAKERY	3902 S 50TH ST TAMPA, FL 33619
5						
BRWNFLDS	BF291402000	0.03	5.56	Higher	Delaney Creek Brownfield Redevelopment Area	TAMPA, FL
6						
LUST	9202282	0.08	6.04	Higher	US 41 CINEMA	3630 S 50TH ST TAMPA, FL 33619
TANKS	9202282	0.08	6.04	Higher	US 41 CINEMA	3630 S 50TH ST TAMPA, FL 33619
7						
LUST	8627391	0.06	7.11	Higher	COASTAL MART #628	3411 S 50TH ST TAMPA, FL 336196055
STCERC	8627391	0.06	7.11	Higher	COASTAL MART #628	3411 S 50TH ST TAMPA, FL 336196055
TANKS	8627391	0.06	7.11	Higher	COASTAL MART #628	3411 S 50TH ST TAMPA, FL 33619
8						
TANKS	8629460	0.05	6.51	Higher	Replaced by 8733843	5160 SAINT PAUL ST TAMPA, FL
TANKS	8733843	0.05	6.51	Higher	GTE OF FL FLEET CTR	5160 SAINT PAUL ST TAMPA, FL 33619
9						
LUST	8625235	0.11	5.87	Higher	C MART #629	3137 S 50TH ST TAMPA, FL 336196049
STCERC	8625235	0.11	5.87	Higher	C MART #629	3137 S 50TH ST TAMPA, FL 336196049
TANKS	8625235	0.11	5.87	Higher	C MART #629	3137 S 50TH ST TAMPA, FL 33619
10						
STCERC	ERIC_13883	0.06	4.96	Higher	SOUTHEAST INDUSTRIAL FACILITIES	4513 CAUSEWAY BLVD & 3140 SOUTH 50TH ST TAMPA, FL 33619
VOLCLNUP	242925	0.06	4.96	Higher	SOUTHEAST INDUSTRIAL FACILITIES	4513 CAUSEWAY BLVD & 3140 SOUTH 50TH ST TAMPA, FL 33619
VOLCLNUP	ERIC_13883	0.06	4.96	Higher	SOUTHEAST INDUSTRIAL FACILITIES	4513 CAUSEWAY BLVD & 3140 SOUTH 50TH ST TAMPA, FL
11						
TANKS	8627401	0.05	4.84	Higher	TALMAN TANK & EQUIPMENT CO	4701 CAUSEWAY BLVD TAMPA, FL 33619
12						
LUST	8625555	0.05	8.89	Higher	7-ELEVEN STORE #37679	2801 S 50TH ST TAMPA, FL 336196043
LUST	9810315	0.05	8.89	Higher	FDOT RIGHT OF WAY	2801 S 50TH ST & 4919 CAUSEWAY BLVD TAMPA, FL 33619
STCERC	9810315	0.05	8.89	Higher	FDOT RIGHT OF WAY	2801 S 50TH ST & 4919 CAUSEWAY BLVD TAMPA, FL 33619
TANKS	8625555	0.05	8.89	Higher	7-ELEVEN STORE #37679	2801 S 50TH ST TAMPA, FL 33619
TANKS	9810315	0.05	8.89	Higher	FDOT RIGHT OF WAY	2801 S 50TH ST & 4919 CAUSEWAY BLVD TAMPA, FL 33619
13						
TANKS	8945228	0.00	5.83	Higher	ROSIER PROPERTY	4702 22ND AVE S TAMPA, FL 33619
14						
LUST	8625197	0.00	6.11	Higher	UNITED OIL #215	4714 CAUSEWAY BLVD TAMPA, FL 336195240
STCERC	8625197	0.00	6.11	Higher	UNITED OIL #215	4714 CAUSEWAY BLVD TAMPA, FL 336195240
TANKS	8625197	0.00	6.11	Higher	UNITED OIL #215	4714 CAUSEWAY BLVD TAMPA, FL 33619

MapID / Prgm List	Fac ID No	Site Dist (mi)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address
15						
LUST	9810130	0.00	5.38	Higher	FDOT RIGHT-OF-WAY NE CORNER OF SAGASTA & SR 676	4902 CAUSEWAY BLVD TAMPA, FL 33619
STCERC	9810130	0.00	5.38	Higher	FDOT RIGHT-OF-WAY NE CORNER OF SAGASTA & SR 676	4902 CAUSEWAY BLVD TAMPA, FL 33619
TANKS	9810130	0.00	5.38	Higher	FDOT RIGHT-OF-WAY NE CORNER OF SAGASTA & SR 676	4902 CAUSEWAY BLVD TAMPA, FL 33619
16						
LUST	9100126	0.04	7.68	Higher	CHEVRON #48098	2718 S 50TH ST TAMPA, FL 336195260
TANKS	9100025.	0.04	7.68	Higher	CHEVRON #48098	HWY 41 S & CAUSEWAY BLVD--HIST ENTRY-- TAMPA, FL 33619
TANKS	9100126	0.04	7.68	Higher	CHEVRON #48098	2718 S 50TH ST TAMPA, FL 33619
17						
TANKS	9600925	0.08	7.16	Higher	RICHARDS CONSTRUCTION CO	5010 27TH AVE SOUTH TAMPA, FL 33619
18						
LUST	9502663	0.11	4.70	Higher	CHAVEZ AUTO TRANSPORT	2436 S 50TH ST TAMPA, FL 33619
TANKS	9502663	0.11	4.70	Higher	CHAVEZ AUTO TRANSPORT	2436 S 50TH ST TAMPA, FL 33619

USEPA SUPERFUND ENTERPRISE MANAGEMENT SYSTEM
ARCHIVED SITE INVENTORY LIST

(SEMSARCH)

FACILITY ID NUMBER, NAME AND LOCATION:

FLD981929250
AUSTIN ROAD DRUMS
AUSTIN ROAD
HILLSBOROUGH, FL

SITE ID: 404513
EPA REG: 4
CONG DISTR: 5
FIPS CODE: 12057
FED FAC?: N
COUNTY: HILLSBOROUGH
AGENCY LAT/LON: /

MAP ID NUMBER: 1
Dist (Miles): 0.08
Direction:
Elev (Ft): 5.26
Elev vs Sub Prop: Higher

SEMSARCH

NPL STATUS: Not on the NPL
NON NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information

SEMS ON LINE REPORTS **(May Not Be Available For All Records)**

OPERABLE UNIT: 00

ACTION CODE: VS **ACTION NAME:** ARCH SITE
START DATE: **FINISH DATE:** 8/11/1989 4:00:0
QUAL: **ACTION LEAD:** EPA Perf In-Hse

ACTION CODE: DS **ACTION NAME:** DISCVRY
START DATE: 8/17/1987 4:00:0 **FINISH DATE:** 8/17/1987 4:00:0
QUAL: **ACTION LEAD:** EPA Perf

ACTION CODE: PA **ACTION NAME:** PA
START DATE: 8/11/1989 4:00:0 **FINISH DATE:** 8/11/1989 4:00:0
QUAL: N **ACTION LEAD:** EPA Perf

USEPA NO FURTHER REMEDIAL ACTION PLANNED LIST

(NFRAP)

FACILITY ID NUMBER, NAME AND LOCATION:

FLD981929250
AUSTIN ROAD DRUMS
AUSTIN ROAD
HILLSBOROUGH, FL

MAP ID NUMBER: 1

Dist (Miles): 0.08
Direction:
Elev (Ft): 5.26
Elev vs Sub Prop: Higher

NFRAP

NPL DESCRIPTION: NOT ON THE NPL
NON NPL STATUS: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS EVENT DETAIL FOR EACH OPERABLE UNIT

OPERABLE UNIT ID #: 00 **OPERABLE UNIT NAME:** SITEWIDE

EVENT NAME: DISCOVERY
START DATE:
COMPLETION DATE: 8/17/1987
EVENT LEAD: EPA Fund
EVENT QUALIFIER:

EVENT NAME: ARCHIVE SITE
START DATE:
COMPLETION DATE: 8/11/1989
EVENT LEAD: EPA In-House
EVENT QUALIFIER:

EVENT NAME: PRELIMINARY ASSESSMENT
START DATE: 8/11/1989
COMPLETION DATE: 8/11/1989
EVENT LEAD: EPA Fund
EVENT QUALIFIER: NFRAP

ADDITIONAL EPA COMMENTS FOR THIS FACILITY:

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

(STCERC)

FACILITY NAME AND LOCATION:

AUSTIN ROAD DRUMS
AUSTIN ROAD
TAMPA, FL 33619

AGENCY SITE LAT/LON:
27.91092401256
-82.40234544939

MAP ID NUMBER: 1
Dist (Miles): 0.08
Direction:
Elev (Ft): 5.26
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: SWD

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_14020 **SITE NAME:** AUSTIN ROAD DRUMS
SRC FAC ID: 139987 **SRC FAC NAME:** AUSTIN ROAD DRUMS **SITE STATUS:** CLOSED
PROGRAM: CERCLA Site Screening Program **PROGRAM TYPE:** CERCLA **DISCHARGE DATE:**
PROGRAM STATUS: COMPLETE **SITE PHASE DESCR:** Phase 1 - Initial Assessment
OFFSITE COMTAM KEY: CONTAMUNKNOWN **ICR ?:** N

ERIC WASTE CLEANUP SITES INFO: **ERIC ID NO:** ERIC_14020 **SITE NAME:** AUSTIN ROAD DRUMS
SRC FAC ID: 139987 **SRC FAC NAME:** AUSTIN ROAD DRUMS **SITE STATUS:** CLOSED
PROGRAM: Responsible Party Cleanup **PROGRAM TYPE:** RESPONSPARTY **DISCHARGE DATE:**
PROGRAM STATUS: COMPLETE **SITE PHASE DESCR:** Phase 1 - Initial Assessment
OFFSITE COMTAM KEY: CONTAMUNKNOWN **ICR ?:** N

FDEP VOLUNTARY CLEANUP SITES

(VOLCLNUP)

FACILITY ID NUMBER, NAME AND LOCATION:

373282 **--HISTORICAL ENTRY--**
AUSTIN ROAD DRUMS
AUSTIN ROAD
TAMPA, FL 33619

COUNTY: HILLSBOROUGH
DISTRICT:
AGENCY LAT:
AGENCY LON:

MAP ID NUMBER: 1
Dist (Miles): 0.08
Direction:
Elev (Ft): 5.26
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: 382639 **OGC NO:** **STATUS:** CLOSED **PRIORITY SCORE:** **INIT DATA RCVD:** 3/31/1990
CONTAMINANTS:
OFFSITE CONTAM?: **FEATURE:**

FACILITY ID NUMBER, NAME AND LOCATION:

ERIC_14020
AUSTIN ROAD DRUMS
AUSTIN ROAD
TAMPA, FL 33619

COUNTY: Hillsborough
DISTRICT: SWD
AGENCY LAT: 27.9109240125599
AGENCY LON: -82.4023454493939

MAP ID NUMBER: 1
Dist (Miles): 0.08
Direction:
Elev (Ft): 5.26
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: 139987 **SOURCE FAC NAME:** AUSTIN ROAD DRUMS **SITE STATUS:** CLOSED
PROGRAM: Responsible Party Cleanup **PROGRAM STATUS:** COMPLETE **SITE MANAGER:**
DISCH DATE: **OFFSITE CONTAM KEY?:** CONTAMUNKNOWN **INST CONTROL?:** N **SITE PHASE:** Phase 1 - Initial Assessment

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:**

FDEP STORAGE TANKS REPORT

Report Date: 1/9/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9600746 **--HISTORICAL ENTRY--**
INTERSTATE UNIFORM SERVICES CORP
40270 50TH ST S
TAMPA, FL 33619-

OWNERSHIP INFORMATION

UNIFIRST CORPORATION
40270 50TH ST S
TAMPA, FL 33619-
CONTACT: PETER OCONNOR/5086588888

SITE COUNTY: 29 HILLSBOROUGH
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 2

Dist (Miles): 0.08
Direction:
Elev (Ft): 6.39
Elev vs Sub Prop: Higher

TANKS

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

FAC STATUS: OPEN-NSH **FAC TYPE:** UNIFORM-LINEN SERVICE

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

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

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

(STCERC)

FACILITY NAME AND LOCATION:

Hi Tech Products Part A-1996
4917 Hartford St
Tampa, FL 33619

AGENCY SITE LAT/LON:
27.911433720977
-82.40350330140

MAP ID NUMBER: 3
Dist (Miles): 0.03
Direction:
Elev (Ft): 5.11
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: 5964
ALT SITE NO: ERIC_5964
DISTRICT: SWD

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:
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:

FACILITY NAME AND LOCATION:

Hi Tech Products Part A-1996
4917 Hartford St
Tampa, FL 33619

AGENCY SITE LAT/LON:
27.911428552892
-82.40349990998

MAP ID NUMBER: 3
Dist (Miles): 0.03
Direction:
Elev (Ft): 5.11
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: SWD

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_5964 **SITE NAME:** Hi Tech Products Part A-1996

SRC FAC ID: 61961 **SRC FAC NAME:** Hitech Products Inc **SITE STATUS:** CLOSED

PROGRAM: Responsible Party Cleanup **PROGRAM TYPE:** RESPONSPARTY **DISCHARGE DATE:**

PROGRAM STATUS: COMPLETE **SITE PHASE DESCR:** Phase 0 - Discovery

OFFSITE COMTAM KEY: CONTAMUNKNOWN **ICR ?:** N

ERIC WASTE CLEANUP SITES INFO: **ERIC ID NO:** ERIC_5964 **SITE NAME:** Hi Tech Products Part A-1996

SRC FAC ID: 61961 **SRC FAC NAME:** Hitech Products Inc **SITE STATUS:** CLOSED

PROGRAM: Site Investigation Section **PROGRAM TYPE:** SIS **DISCHARGE DATE:**

PROGRAM STATUS: COMPLETE **SITE PHASE DESCR:** Phase 0 - Discovery

OFFSITE COMTAM KEY: CONTAMUNKNOWN **ICR ?:** N

FDEP VOLUNTARY CLEANUP SITES

(VOLCLNUP)

FACILITY ID NUMBER, NAME AND LOCATION:

76322 **--HISTORICAL ENTRY--**
HITECH PRODUCTS INC
4917 HARTFORD ST
TAMPA, FL 33619

COUNTY: HILLSBOROUGH
DISTRICT:
AGENCY LAT:
AGENCY LON:

MAP ID NUMBER: 3
Dist (Miles): 0.03
Direction:
Elev (Ft): 5.11
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: 99998 **OGC NO:** **STATUS:** CLOSED **PRIORITY SCORE:** **INIT DATA RCVD:** **7/16/1996**
CONTAMINANTS:
OFFSITE CONTAM?: **FEATURE:**

FACILITY ID NUMBER, NAME AND LOCATION:

ERIC_5964
Hi Tech Products Part A-1996
4917 Hartford St
Tampa, FL 33619

COUNTY: Hillsborough
DISTRICT: SWD
AGENCY LAT: 27.9114285528915
AGENCY LON: -82.4034999099842

MAP ID NUMBER: 3
Dist (Miles): 0.03
Direction:
Elev (Ft): 5.11
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: 61961 **SOURCE FAC NAME:** Hitech Products Inc **SITE STATUS:** **CLOSED**
PROGRAM: Responsible Party Cleanup **PROGRAM STATUS:** COMPLETE **SITE MANAGER:**
DISCH DATE: **OFFSITE CONTAM KEY?:** CONTAMUNKNOWN **INST CONTROL?:** N **SITE PHASE:** Phase 0 - Discovery

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:**

FDEP STORAGE TANKS REPORT

Report Date: 1/9/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

8627328
BUTTERKRUST BAKERY
3902 S 50TH ST
TAMPA, FL 33619

OWNERSHIP INFORMATION

BUTTERKRUST BAKERY
3355 W MEMORIAL BLVD
LAKELAND, FL 33801
CONTACT: WILLIAM ADKINS/8136821155
SITE COUNTY: 29 HILLSBOROUGH
SITE LAT/LON (AGCY): 27 54 58 / 82 24 4

MAP ID NUMBER: 4
Dist (Miles): 0.04
Direction:
Elev (Ft): 7.51
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	4000	01-Jul-1974	Leaded Gas	UNDERGROUND	REMOVED FROM SITE

CONSTRUCTION TYPE: C	STEEL	
PIPING TYPE:		
LEAK MONITORING: Y	UNKNOWN	

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	4000	01-Jul-1974	Leaded Gas	UNDERGROUND	REMOVED FROM SITE

CONSTRUCTION TYPE: C	STEEL	
PIPING TYPE:		
LEAK MONITORING: Y	UNKNOWN	

FDEP DESIGNATED BROWNFIELDS

Report Date: 1/9/2023

(BRWNFLDS)

ID NUMBER, NAME AND LOCATION

BF291402000
Delaney Creek Brownfield Redevelopment Area

TAMPA, FL

AREA ID: BF291402000
AREA NAME: Delaney Creek Brownfield Redevelopment Area
SITE ID:
SOURCE: The Board of County Commissioners of Hillsborough County
FDEP DISTRICT: Southwest
AGENCY LAT/LON: 27.9157 / -82.4027

MAP ID NUMBER: 5
Dist (Miles): 0.03
Direction:
Elev (Ft): 5.56
Elev vs Sub Prop: Higher

BRWNFLDS

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

ACREAGE: 36.18415544 **RESOLUTION DATE:** 7/23/2014 **RESOLUTION #:** R14-094
BSRA DATE: **SRCO DATE:** **REMEDIATION STATUS:**
COMMENTS:

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

9202282
US 41 CINEMA
3630 S 50TH ST
TAMPA, FL 33619-

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

OWNERSHIP INFO:

ACCOUNT OWNER
MARTINEZ, CONCEPCION
4600 E HILLSBOROUGH AVE
TAMPA, FL 33619-
(813)621-8216
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,54,50.5512 82,24,5.7312
FAC OPERATOR: UNKNOWN
FAC TEL #:

MAP ID NUMBER: 6

Dist (Miles): 0.08
Direction:
Elev (Ft): 6.04
Elev vs Sub Prop: Higher

LUST

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

SCORE 29 **SCORE EFF DT:** 6/5/2013 **RANK:** 8533 **SCORE WHEN RANKED:** 10

DISCHARGE INFORMATION

Mapid: 6

DISCHARGE DATE: 6/27/1992

INSPECTION DATE:
CLEANUP WORK STATUS: COMPLETED
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: A - ABANDONED TANK RESTORATION
DISCH CLNUP STATUS: 2/19/2015 NFA - NFA COMPLETE
CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** N **GR WATER:** N **MON WELL:** N **# DW WELLS CONTAMINATED:** 0
POLLUTANT : Y - Unknown/Not Reported **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 6

PGM ELIG OFF: PCTM5 - PETROLEUM CLEANUP TEAM 5
PGM ELIG SCORE: 29 **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: A - ABANDONED TANK RESTO **CLNUP OFF:** PCTM5 - PETROLEUM CLEANUP TEAM 5

SITE ASSESSMENT*

CLNP RESP: LP - LOCAL PROGRAM
FUND ELLIG: -
ACTUAL COMPLETION DATE: 08-22-1995
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

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

REMEDIAL ACTION*

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

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: NFA - NO FURTHER ACTION
SUBMIT DATE: 06-09-2014
REVIEW DATE: 09-11-2014
ISSUE DATE: 02-19-2015
COMPL STATUS: A - APPROVED
COMPL STATUS DT: 03-02-2015
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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

9202282
US 41 CINEMA
3630 S 50TH ST
TAMPA, FL 33619

OWNERSHIP INFORMATION

MARTINEZ, CONCEPCION
4600 E HILLSBOROUGH AVE
TAMPA, FL 33619
CONTACT TEL #: 8136218216
CONTACT: MARTINEZ, CONCEPCION
FACILTY TEL #:
COUNTY ID: 29 HILLSBOROUGH

MAP ID NUMBER: 6
Dist (Miles): 0.08
Direction:
Elev (Ft): 6.04
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	888		Unknown/Not Reported	UNDERGROUND	REMOVED FROM SITE 30-Sep-1992

CONSTRUCTION TYPE: UNKNOWN
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	888		Unknown/Not Reported	UNDERGROUND	REMOVED FROM SITE 30-Sep-1992

CONSTRUCTION TYPE: UNKNOWN
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	888		Unknown/Not Reported	UNDERGROUND	REMOVED FROM SITE 30-Sep-1992

CONSTRUCTION TYPE: UNKNOWN
PIPING TYPE:
LEAK MONITORING: UNKNOWN

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

(STCERC)

FACILITY NAME AND LOCATION:

COASTAL MART #628
3411 S 50TH ST
TAMPA, FL 33619-6055

AGENCY SITE LAT/LON:
27.917174610678
-82.40210893967

MAP ID NUMBER: 7

Dist (Miles): 0.06
Direction:
Elev (Ft): 7.11
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: SWD

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

CLEANUP SITES INFO:
SRC DATA ID: 8627391
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:

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

8627391
COASTAL MART #628
3411 S 50TH ST
TAMPA, FL 33619-6055

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

OWNERSHIP INFO:

ACCOUNT OWNER
COASTAL MART INC
9 GREENWAY PLAZA #1996 ATTN: V
HOUSTON, TX 77046-995
(800)877-3939
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,55,1.81 82,24,7.58
FAC OPERATOR: COASTAL MART INC
FAC TEL #: (813)684-3844

MAP ID NUMBER: 7

Dist (Miles): 0.06
Direction:
Elev (Ft): 7.11
Elev vs Sub Prop: Higher

LUST

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

SCORE 35 **SCORE EFF DT:** 5/24/2012 **RANK:** 8533 **SCORE WHEN RANKED:** 10

DISCHARGE INFORMATION

Mapid: 7

DISCHARGE DATE: 12/7/1988

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

CLEANUP INFORMATION

Mapid: 7

PGM ELIG OFF: PCLP29 - Hillsborough County
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: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

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

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 7

DISCHARGE DATE: 12/30/1988

INSPECTION DATE:

CLEANUP WORK STATUS: ACTIVE

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: E - EDI

DISCH CLNUP STATUS: 5/21/2015 RA - RA ONGOING

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

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

CLEANUP INFORMATION

Mapid: 7

PGM ELIG OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

PGM ELIG SCORE: 35 **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:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

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: 07-07-1993
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N): Y
SOIL TONNAGE REMOVED: 325
SOIL TREATMENT?(Y/N): Y
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

8627391
COASTAL MART #628
3411 S 50TH ST
TAMPA, FL 33619

OWNERSHIP INFORMATION

COASTAL MART INC
9 GREENWAY PLAZA #1996 ATTN: VA
HOUSTON, TX 77046
CONTACT TEL #: 8008773939
CONTACT: COASTAL MART INC
FACILTY TEL #: 8136843844
COUNTY ID: 29 HILLSBOROUGH

MAP ID NUMBER: 7
Dist (Miles): 0.06
Direction:
Elev (Ft): 7.11
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	2000	01-Dec-1969	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

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

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	3000	01-Dec-1969	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

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

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	4000	01-Dec-1969	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

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

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	2000		Other Non Regulated	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

FDEP STORAGE TANKS REPORT

Report Date: 1/9/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

8629460 **--HISTORICAL ENTRY--**
Replaced by 8733843
5160 SAINT PAUL ST
TAMPA, FL

OWNERSHIP INFORMATION

, -
CONTACT: /
SITE COUNTY: 29 HILLSBOROUGH
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 8
Dist (Miles): 0.05
Direction:
Elev (Ft): 6.51
Elev vs Sub Prop: Higher

TANKS

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

FAC STATUS: DUPLICATE **FAC TYPE:** FUEL USER/NON-RETAIL

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

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

FDEP STORAGE TANKS REPORT

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

8733843
GTE OF FL FLEET CTR
5160 SAINT PAUL ST
TAMPA, FL 33619

OWNERSHIP INFORMATION

VERIZON FL LLC
400 INTERNATIONAL PKWY. ATTN: S
RICHARDSON, TX 75081
CONTACT: /4698864483

SITE COUNTY: 29 HILLSBOROUGH
SITE LAT/LON (AGCY): 27 55 8 / 82 23 45

MAP ID NUMBER: 8
Dist (Miles): 0.05
Direction:
Elev (Ft): 6.51
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	200		Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Oct-1986

CONSTRUCTION TYPE: D UNKNOWN
PIPING TYPE:
LEAK MONITORING: I NOT REQUIRED

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	200		New/Lube Oil	UNDERGROUND	REMOVED FROM SITE 31-Oct-1986

CONSTRUCTION TYPE: D UNKNOWN
PIPING TYPE:
LEAK MONITORING: I NOT REQUIRED

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	200		Waste Oil	UNDERGROUND	REMOVED FROM SITE 31-Oct-1986

CONSTRUCTION TYPE: D UNKNOWN
PIPING TYPE:
LEAK MONITORING: I NOT REQUIRED

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

(STCERC)

FACILITY NAME AND LOCATION:

C MART #629
3137 S 50TH ST
TAMPA, FL 33619-6049

AGENCY SITE LAT/LON:
27.919541277624
-82.40213671789

MAP ID NUMBER: 9

Dist (Miles): 0.11
Direction:
Elev (Ft): 5.87
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: SWD

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

CLEANUP SITES INFO:
SRC DATA ID: 8625235
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:

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

8625235
C MART #629
3137 S 50TH ST
TAMPA, FL 33619-6049

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

OWNERSHIP INFO:

ACCOUNT OWNER
JOY FOOD STORES INC
205 S HOOVER ST #400 ATTN: SHER
TAMPA, FL 33609-
(813)286-2323
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,55,10.33 82,24,7.68
FAC OPERATOR: COASTAL MART INC
FAC TEL #: (813)684-3844

MAP ID NUMBER: 9

Dist (Miles): 0.11
Direction:
Elev (Ft): 5.87
Elev vs Sub Prop: Higher

LUST

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

SCORE 36 **SCORE EFF DT:** 1/5/2012 **RANK:** 8533 **SCORE WHEN RANKED:** 10

DISCHARGE INFORMATION

DISCHARGE DATE: 10/16/1986

Mapid: 9

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

CLEANUP INFORMATION

Mapid: 9

PGM ELIG OFF: PCLP29 - Hillsborough County
PGM ELIG SCORE: **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:**
CLNUP PROG: **CLNUP OFF:**

SITE ASSESSMENT*

CLNP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE: 3/29/1995
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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 9

DISCHARGE DATE: 5/19/1988

INSPECTION DATE:

CLEANUP WORK STATUS: ACTIVE

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: E - EDI

DISCH CLNUP STATUS: 12/10/2014 RA - RA ONGOING

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

POLLUTANT : Z - Other Non Regulated **GALLONS** **OTHER** UNKNOWN

CLEANUP INFORMATION

Mapid: 9

PGM ELIG OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

PGM ELIG SCORE: 36 **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:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

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: 07-06-1993
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N): Y
SOIL TONNAGE REMOVED: 366
SOIL TREATMENT?(Y/N): Y
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

8625235
C MART #629
3137 S 50TH ST
TAMPA, FL 33619

OWNERSHIP INFORMATION

JOY FOOD STORES INC
205 S HOOVER ST #400 ATTN: SHER
TAMPA, FL 33609
CONTACT TEL #: 8132862323
CONTACT: JOY FOOD STORES INC
FACILTY TEL #: 8136843844
COUNTY ID: 29 HILLSBOROUGH

MAP ID NUMBER: 9
Dist (Miles): 0.11
Direction:
Elev (Ft): 5.87
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	4000	01-May-1985	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

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

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	4000	01-May-1985	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

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

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	4000	01-Dec-1969	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

CONSTRUCTION TYPE: BALL CHECK VALVE/INTERNAL LINING/STEEL
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/SPCC PLAN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	4000	01-Dec-1969	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

CONSTRUCTION TYPE: BALL CHECK VALVE/INTERNAL LINING/STEEL
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/SPCC PLAN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
5	4000		Other Non Regulated	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
6	4000		Other Non Regulated	UNDERGROUND	REMOVED FROM SITE 30-Jun-1991

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

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

(STCERC)

FACILITY NAME AND LOCATION:

SOUTHEAST INDUSTRIAL FACILITIES
4513 CAUSEWAY BLVD & 3140 SOUTH 50TH ST
TAMPA, FL 33619

AGENCY SITE LAT/LON:
27.922776629286
-82.40620483877

MAP ID NUMBER: 10
Dist (Miles): 0.06
Direction:
Elev (Ft): 4.96
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: SWD

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_13883 **SITE NAME:** SOUTHEAST INDUSTRIAL FACILITIES

SRC FAC ID: 58845 **SRC FAC NAME:** Southeast Industrial **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

FDEP VOLUNTARY CLEANUP SITES

(VOLCLNUP)

FACILITY ID NUMBER, NAME AND LOCATION:

242925 **--HISTORICAL ENTRY--**
SOUTHEAST INDUSTRIAL FACILITIES
4513 CAUSEWAY BLVD & 3140 SOUTH 50TH ST
TAMPA, FL 33619

COUNTY: HILLSBOROUGH
DISTRICT:
AGENCY LAT:
AGENCY LON:

MAP ID NUMBER: 10
Dist (Miles): 0.06
Direction:
Elev (Ft): 4.96
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: 284512 **OGC NO:** **STATUS:** CLOSED **PRIORITY SCORE:** **INIT DATA RCVD:** **11/11/2004**
CONTAMINANTS: **GW/soil metals**
OFFSITE CONTAM?: N **FEATURE:**

FACILITY ID NUMBER, NAME AND LOCATION:

ERIC_13883
SOUTHEAST INDUSTRIAL FACILITIES
4513 CAUSEWAY BLVD & 3140 SOUTH 50TH ST
TAMPA, FL 33619

COUNTY: Hillsborough
DISTRICT: SWD
AGENCY LAT: 27.9227766292857
AGENCY LON: -82.4062048387666

MAP ID NUMBER: 10
Dist (Miles): 0.06
Direction:
Elev (Ft): 4.96
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: 58845 **SOURCE FAC NAME:** Southeast Industrial **SITE STATUS:** **CLOSED**
PROGRAM: Responsible Party Cleanup **PROGRAM STATUS:** COMPLETEWITHCOND **SITE MANAGER:** Tonya Haugland
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:**

FDEP STORAGE TANKS REPORT

Report Date: 1/9/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

8627401
TALMAN TANK & EQUIPMENT CO
4701 CAUSEWAY BLVD
TAMPA, FL 33619

OWNERSHIP INFORMATION

TALMAN TANK & EQUIPMENT CO
4701 CAUSEWAY BLVD
TAMPA, FL 33619
CONTACT: JACK TALMAN/8132473021

SITE COUNTY: 29 HILLSBOROUGH
SITE LAT/LON (AGCY): 27 57 20 / 82 24 33

MAP ID NUMBER: 11

Dist (Miles): 0.05
Direction:
Elev (Ft): 4.84
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-Jun-1982	Leaded Gas	UNDERGROUND	CLOSED IN PLACE

CONSTRUCTION TYPE: D UNKNOWN
PIPING TYPE:
LEAK MONITORING: Y UNKNOWN

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

(STCERC)

FACILITY NAME AND LOCATION:

FDOT RIGHT OF WAY
2801 S 50TH ST & 4919 CAUSEWAY BLVD
TAMPA, FL 33619-

AGENCY SITE LAT/LON:
27.922762417042
-82.40207824568

MAP ID NUMBER: 12
Dist (Miles): 0.05
Direction:
Elev (Ft): 8.89
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: SWD

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

CLEANUP SITES INFO:
SRC DATA ID: 9810315
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:

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

8625555
7-ELEVEN STORE #37679
2801 S 50TH ST
TAMPA, FL 33619-6043

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: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,55,20.4725 82,24,7.7502
FAC OPERATOR: JOHN MEYER
FAC TEL #: (904)501-6827

MAP ID NUMBER: 12

Dist (Miles): 0.05
Direction:
Elev (Ft): 8.89
Elev vs Sub Prop: Higher

LUST

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

SCORE **SCORE EFF DT:** 2/12/2008 **RANK:** 8533 **SCORE WHEN RANKED:** 10

DISCHARGE INFORMATION

Mapid: 12

DISCHARGE DATE: 9/11/1988

INSPECTION DATE:
CLEANUP WORK STATUS: COMPLETED
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: E - EDI
DISCH CLNUP STATUS: 8/24/2016 SRCR - SRCR COMPLETE
CONTAMINATED MEDIA?: **SOIL:** N **SUR WATER:** N **GR WATER:** Y **MON WELL:** Y **# DW WELLS CONTAMINATED:** 0
POLLUTANT : D - Vehicular Diesel **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 12

PGM ELIG OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1
PGM ELIG SCORE: **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:** PCTM1 - PETROLEUM CLEANUP TEAM 1

SITE ASSESSMENT*

CLNP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE: 12-21-1992
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ORDER APPRV DATE: 3/25/1994
ACTUAL COMPL DATE: 03-25-1994
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: ST - STATE
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL: 3

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: SRCR - SITE REHABILITATION COMPLETION REPORT
SUBMIT DATE: 12-21-2015
REVIEW DATE: 06-07-2016
ISSUE DATE: 08-24-2016
COMPL STATUS: A - APPROVED
COMPL STATUS DT: 08-24-2016
COMMENTS:

SOURCE REMOVAL*

CLEANUP RESP: ST - STATE
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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 12

DISCHARGE DATE: 2/24/1995

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 8/24/2016 SRCR - SRCR COMPLETE

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

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

CLEANUP INFORMATION

Mapid: 12

PGM ELIG OFF: PCTM1 - PETROLEUM CLEANUP TEAM 1

PGM ELIG SCORE: **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:** PCTM1 - PETROLEUM CLEANUP TEAM 1

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: 12-21-2015
REVIEW DATE: 06-07-2016
ISSUE DATE: 08-24-2016
COMPL STATUS: A - APPROVED
COMPL STATUS DT: 08-24-2016
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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 12

DISCHARGE DATE: 6/10/1999

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED N - NO CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 4/17/2002 NREQ - CLEANUP NOT REQUIRED

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

POLLUTANT : D - VEHICULAR DIESEL **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 12

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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 12

DISCHARGE DATE: 1/8/2007

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 4/15/2010 SRCR - SRCR COMPLETE

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

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

CLEANUP INFORMATION

Mapid: 12

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:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

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: 03-19-2010
REVIEW DATE: 04-05-2010
ISSUE DATE: 04-15-2010
COMPL STATUS: A - APPROVED
COMPL STATUS DT: 04-05-2010
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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 12

DISCHARGE DATE: 9/13/2017

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: C - CLOSURE REPORT

DISCH CLNUP STATUS: 2/22/2019 SRCR - SRCR COMPLETE

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

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

CLEANUP INFORMATION

Mapid: 12

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:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 12

DISCHARGE DATE: 1/31/2018

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED R - CLEANUP REQUIRED

CLEANUP COMBINED:

INFO SOURCE: C - CLOSURE REPORT

DISCH CLNUP STATUS: 5/23/2019 SRCR - SRCR COMPLETE

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

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

CLEANUP INFORMATION

Mapid: 12

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:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

8625555
7-ELEVEN STORE #37679
2801 S 50TH ST
TAMPA, FL 33619

OWNERSHIP INFORMATION

7-ELEVEN INC - GASOLINE CO
PO BOX 711 ATTN: MGR-FL REGION
Dallas, TX 75221
CONTACT TEL #: 4074032995
CONTACT: 7-ELEVEN INC - GASOLINE CO
FACILTY TEL #: 9045016827
COUNTY ID: 29 HILLSBOROUGH

MAP ID NUMBER: 12
Dist (Miles): 0.05
Direction:
Elev (Ft): 8.89
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	4000	01-Jul-1974	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 30-Nov-1987

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
10	20000	01-Sep-1998	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Jan-2018

CONSTRUCTION TYPE: STEEL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/DOUBLE WALL-TANK JACKET
PIPING TYPE: PRESSURIZED PIPING SYSTEM/DISPENSER LINERS/DOUBLE WALL-PIPE JACKET/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: VISUAL INSPECT PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
11	15000	01-Sep-1998	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Jan-2018

CONSTRUCTION TYPE: STEEL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/DOUBLE WALL-TANK JACKET
PIPING TYPE: PRESSURIZED PIPING SYSTEM/DISPENSER LINERS/DOUBLE WALL-PIPE JACKET/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: VISUAL INSPECT PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
12	20000	01-Aug-2017	Vehicular Diesel	UNDERGROUND	IN SERVICE 01-Aug-2017

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: CONTINUOUS ELECTRONIC SENSING/ELECTRONIC MONITOR PIPE SUMPS/ELECTRONIC MONITOR DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
13	20000	01-Jan-2018	Ethanol E10	UNDERGROUND	IN SERVICE 01-Jan-2018

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: CONTINUOUS ELECTRONIC SENSING/ELECTRONIC MONITOR PIPE SUMPS/ELECTRONIC MONITOR DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	4000	01-Jul-1974	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Nov-1987

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	4000	01-Jul-1974	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Nov-1987

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	4000	01-Jul-1974	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 30-Nov-1987

CONSTRUCTION TYPE: STEEL
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
5	10000	01-Nov-1987	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 20-Apr-1998

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/BALL CHECK VALVE
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
6	10000	01-Nov-1987	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 20-Apr-1998

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/BALL CHECK VALVE
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
7	10000	01-Nov-1987	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 20-Apr-1998

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/BALL CHECK VALVE
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
8	4000	01-Nov-1987	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 20-Apr-1998

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/BALL CHECK VALVE
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/MECHANICAL LINE LEAK DETECTOR/AUTOMATIC TANK GAUGING-USTS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
9	20000	01-Sep-1998	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 23-Aug-2017

CONSTRUCTION TYPE: STEEL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/DOUBLE WALL-TANK JACKET
PIPING TYPE: FIBERGLASS/DOUBLE WALL/PRESSURIZED PIPING SYSTEM/DISPENSER LINERS/DOUBLE WALL-PIPE JACKET/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: VISUAL INSPECT PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

9810315
FDOT RIGHT OF WAY
2801 S 50TH ST & 4919 CAUSEWAY BLVD
TAMPA, FL 33619-

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

OWNERSHIP INFO:

ACCOUNT OWNER
FL DEPT OF TRANSPORTATIO
11201 N MCKINLEY DR M/S 7-710 AT
TAMPA, FL 33612-
(813)975-6459
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,55,21.9261 82,24,7.4695
FAC OPERATOR:
FAC TEL #:

MAP ID NUMBER: 12

Dist (Miles): 0.05
Direction:
Elev (Ft): 8.89
Elev vs Sub Prop: Higher

LUST

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

SCORE 6 **SCORE EFF DT:** 11/19/2009 **RANK:** **SCORE WHEN RANKED:**

DISCHARGE INFORMATION

Mapid: 12

DISCHARGE DATE: 5/15/2008

INSPECTION DATE:
CLEANUP WORK STATUS: ACTIVE
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: C - CLOSURE REPORT
DISCH CLNUP STATUS: 6/25/2008 VCCR - VERIFIED CONTAMINATION, CLEANUP REQUIRED
CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** N **GR WATER:** N **MON WELL:** N **# DW WELLS CONTAMINATED:**
POLLUTANT : Y - Unknown/Not Reported **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 12

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:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

9810315
FDOT RIGHT OF WAY
2801 S 50TH ST & 4919 CAUSEWAY BLVD
TAMPA, FL 33619

OWNERSHIP INFORMATION

FL DEPT OF TRANSPORTATION
11201 N MCKINLEY DR M/S 7-710 A
TAMPA, FL 33612
CONTACT TEL #: 8139756459
CONTACT: FL DEPT OF TRANSPORTATION
FACILTY TEL #:
COUNTY ID: 29 HILLSBOROUGH

MAP ID NUMBER: 12
Dist (Miles): 0.05
Direction:
Elev (Ft): 8.89
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		Other Non Regulated	UNDERGROUND	REMOVED FROM SITE 01-Mar-2008

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

FDEP STORAGE TANKS REPORT

Report Date: 1/9/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

8945228
ROSIER PROPERTY
4702 22ND AVE S
TAMPA, FL 33619

OWNERSHIP INFORMATION

ROSIER, LARRY
199 SHADY OAK AVE
LAKE WALES, FL 33853
CONTACT: LARRY ROSIER/8136921540

SITE COUNTY: 29 HILLSBOROUGH
SITE LAT/LON (AGCY): 27 55 43 / 82 24 20

MAP ID NUMBER: 13
Dist (Miles): 0.00
Direction:
Elev (Ft): 5.83
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	2000	01-Jul-1971	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Jul-1989

CONSTRUCTION TYPE:	C	STEEL
PIPING TYPE:		
LEAK MONITORING:	Y	UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	4000	01-Jul-1971	Leaded Gas	UNDERGROUND	REMOVED FROM SITE 31-Jul-1989

CONSTRUCTION TYPE:	C	STEEL
PIPING TYPE:		
LEAK MONITORING:	Y	UNKNOWN

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

(STCERC)

FACILITY NAME AND LOCATION:

UNITED OIL #215
4714 CAUSEWAY BLVD
TAMPA, FL 33619-5240

AGENCY SITE LAT/LON:
27.923330167621
-82.40406416272

MAP ID NUMBER: 14

Dist (Miles): 0.00
Direction:
Elev (Ft): 6.11
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: SWD

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

CLEANUP SITES INFO:
SRC DATA ID: 8625197
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:

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

8625197
UNITED OIL #215
4714 CAUSEWAY BLVD
TAMPA, FL 33619-5240

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

OWNERSHIP INFO:

ACCOUNT OWNER
UNITED OIL CO INC
15429 N FLORIDA AVE ATTN: STORA
TAMPA, FL 33613-
(813)241-4610
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,55,23.97 82,24,14.6188
FAC OPERATOR: HAMID GHANNAD
FAC TEL #: (813)241-4610

MAP ID NUMBER: 14

Dist (Miles): 0.00
Direction:
Elev (Ft): 6.11
Elev vs Sub Prop: Higher

LUST

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

SCORE 6 **SCORE EFF DT:** 7/24/2013 **RANK:** 8533 **SCORE WHEN RANKED:** 10

DISCHARGE INFORMATION

Mapid: 14

DISCHARGE DATE: 12/28/1988

INSPECTION DATE:
CLEANUP WORK STATUS: ACTIVE
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: E - EDI
DISCH CLNUP STATUS: 5/15/2009 RA - RA ONGOING
CONTAMINATED MEDIA?: **SOIL:** N **SUR WATER:** N **GR WATER:** Y **MON WELL:** Y **# DW WELLS CONTAMINATED:** 0
POLLUTANT : B - Unleaded Gas **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 14

PGM ELIG OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION
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:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

SITE ASSESSMENT*

CLNP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE: 07-19-1996
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ORDER APPRV DATE:
ACTUAL COMPL DATE:
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: 04-27-2009
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N): Y
SOIL TONNAGE REMOVED: 463
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 14

DISCHARGE DATE: 8/21/1989

INSPECTION DATE:

CLEANUP WORK STATUS: COMBINED

CLEANUP REQUIRED C - COMBINED CLEANUP REQUIRED **CLEANUP COMBINED:** 12-28-1988

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 3/4/2001 DNR - DISCHARGE NOTIFICATION RECEIVED

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

POLLUTANT : Y - UNKNOWN/NOT REPORTED **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 14

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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

8625197
UNITED OIL #215
4714 CAUSEWAY BLVD
TAMPA, FL 33619

OWNERSHIP INFORMATION

UNITED OIL CO INC
15429 N FLORIDA AVE ATTN: STORA
TAMPA, FL 33613
CONTACT TEL #: 8132414610
CONTACT: UNITED OIL CO INC
FACILTY TEL #: 8132414610
COUNTY ID: 29 HILLSBOROUGH

MAP ID NUMBER: 14
Dist (Miles): 0.00
Direction:
Elev (Ft): 6.11
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	8000	01-Jun-1983	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Aug-2000

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL/SPILL CONTAINMENT BUCKET/TIGHT FILL
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/MECHANICAL LINE LEAK DETECTOR/MANUAL TANK GAUGING-USTS/GROUNDWATER MONITORING

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	8000	01-Jun-1983	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Aug-2000

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL/SPILL CONTAINMENT BUCKET/TIGHT FILL
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/MECHANICAL LINE LEAK DETECTOR/MANUAL TANK GAUGING-USTS/GROUNDWATER MONITORING

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	10000	01-Jun-1983	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Aug-2000

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL/SPILL CONTAINMENT BUCKET/TIGHT FILL
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/MECHANICAL LINE LEAK DETECTOR/MANUAL TANK GAUGING-USTS/GROUNDWATER MONITORING

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	10000	01-Jun-1983	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Aug-2000

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL/SPILL CONTAINMENT BUCKET/TIGHT FILL
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS/MECHANICAL LINE LEAK DETECTOR/MANUAL TANK GAUGING-USTS/GROUNDWATER MONITORING

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
5	10000	01-Feb-2001	Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Apr-2009

CONSTRUCTION TYPE: STEEL/COMPARTMENTED/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/DOUBLE WALL-TANK JACKET
PIPING TYPE: PRESSURIZED PIPING SYSTEM/DISPENSER LINERS/DOUBLE WALL-PIPE JACKET/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: VISUAL INSPECT PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
6	10000	01-Feb-2001	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 01-Apr-2009

CONSTRUCTION TYPE: STEEL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/DOUBLE WALL-TANK JACKET
PIPING TYPE: PRESSURIZED PIPING SYSTEM/DISPENSER LINERS/DOUBLE WALL-PIPE JACKET/APPROVED SYNTHETIC MATERIAL
LEAK MONITORING: VISUAL INSPECT PIPE SUMPS/VISUAL INSPECT DISPENSER LINERS/MONITOR DBL WALL TANK SPACE/MECHANICAL LINE LEAK DETECTOR/MONITOR DBL WALL PIPE SPACE

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
7	16000	01-Apr-2009	Unleaded Gas	UNDERGROUND	IN SERVICE 01-Apr-2009

CONSTRUCTION TYPE: STEEL/COMPARTMENTED/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/DOUBLE WALL-TANK JACKET

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

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

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
8	12000	01-Apr-2009	Vehicular Diesel	UNDERGROUND	IN SERVICE 01-Apr-2009

CONSTRUCTION TYPE: STEEL/SPILL CONTAINMENT BUCKET/FLOW SHUT OFF/TIGHT FILL/DOUBLE WALL-TANK JACKET

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

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

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

(STCERC)

FACILITY NAME AND LOCATION:

FDOT RIGHT-OF-WAY NE CORNER OF SAGASTA & SR
4902 CAUSEWAY BLVD
TAMPA, FL 33619-

AGENCY SITE LAT/LON:
27.923138167846
-82.40366138497

MAP ID NUMBER: 15
Dist (Miles): 0.00
Direction:
Elev (Ft): 5.38
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: SWD

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

CLEANUP SITES INFO:
SRC DATA ID: 9810130
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:

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

9810130
FDOT RIGHT-OF-WAY NE CORNER OF SAGASTA & SR
4902 CAUSEWAY BLVD
TAMPA, FL 33619-

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

OWNERSHIP INFO:

ACCOUNT OWNER
FL DEPT OF TRANSPORTATIO
11201 N MCKINLEY DR MS 7-500 ATT
TAMPA, FL 33612-6465
(813)975-6923
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,55,23.2788 82,24,13.1688
FAC OPERATOR:
FAC TEL #:

MAP ID NUMBER: 15

Dist (Miles): 0.00
Direction:
Elev (Ft): 5.38
Elev vs Sub Prop: Higher

LUST

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

SCORE 6 **SCORE EFF DT:** 11/19/2009 **RANK:** **SCORE WHEN RANKED:**

DISCHARGE INFORMATION

Mapid: 15

DISCHARGE DATE: 5/16/2008

INSPECTION DATE:
CLEANUP WORK STATUS: ACTIVE
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: C - CLOSURE REPORT
DISCH CLNUP STATUS: 6/23/2008 VCCR - VERIFIED CONTAMINATION, CLEANUP REQUIRED
CONTAMINATED MEDIA?: **SOIL:** Y **SUR WATER:** N **GR WATER:** Y **MON WELL:** N **# DW WELLS CONTAMINATED:**
POLLUTANT : Y - Unknown/Not Reported **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 15

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:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

9810130
FDOT RIGHT-OF-WAY NE CORNER OF SAGASTA & SR 676
4902 CAUSEWAY BLVD

TAMPA, FL 33619

OWNERSHIP INFORMATION

FL DEPT OF TRANSPORTATION
11201 N MCKINLEY DR MS 7-500 AT
TAMPA, FL 33612
CONTACT TEL #: 8139756923

CONTACT: FL DEPT OF TRANSPORTATION
FACILTY TEL #:
COUNTY ID: 29 HILLSBOROUGH

MAP ID NUMBER: 15
Dist (Miles): 0.00
Direction:
Elev (Ft): 5.38
Elev vs Sub Prop: Higher

TANKS

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

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

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
1	530		Unknown/Not Reported	UNDERGROUND	REMOVED FROM SITE 27-Feb-2008

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	400		Unknown/Not Reported	UNDERGROUND	REMOVED FROM SITE 27-Feb-2008

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	530		Unknown/Not Reported	UNDERGROUND	REMOVED FROM SITE 27-Feb-2008

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
4	3300		Unknown/Not Reported	UNDERGROUND	REMOVED FROM SITE 27-Feb-2008

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
5	3300		Unknown/Not Reported	UNDERGROUND	REMOVED FROM SITE 27-Feb-2008

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

9100126
CHEVRON #48098
2718 S 50TH ST
TAMPA, FL 33619-5260

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

OWNERSHIP INFO:

ACCOUNT OWNER
CHEVRON PRODUCTS CO
PO BOX 6004 ATTN: PERMIT DESK
SAN RAMON, CA 94583-904
(925)842-9002
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,55,23.96 82,24,5.3
FAC OPERATOR: CHEVRON USA INC
FAC TEL #: (404)984-3048

MAP ID NUMBER: 16

Dist (Miles): 0.04
Direction:
Elev (Ft): 7.68
Elev vs Sub Prop: Higher

LUST

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

SCORE 35 **SCORE EFF DT:** 1/6/1998 **RANK:** **SCORE WHEN RANKED:**

DISCHARGE INFORMATION

Mapid: 16

DISCHARGE DATE: 9/15/1987

INSPECTION DATE:
CLEANUP WORK STATUS: COMPLETED
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: E - EDI
DISCH CLNUP STATUS: 4/20/1994 NFA - NFA COMPLETE
CONTAMINATED MEDIA?: **SOIL:** N **SUR WATER:** N **GR WATER:** N **MON WELL:** Y **# DW WELLS CONTAMINATED:** 0
POLLUTANT : Y - Unknown/Not Reported **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 16

PGM ELIG OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION
PGM ELIG SCORE: 35 **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:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

SITE ASSESSMENT*

CLNP RESP: RP - RESPONSIBLE PARTY
FUND ELLIG: -
ACTUAL COMPLETION DATE: 06-18-1990
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION PLAN*

CLEANUP RESP: NA - NOT APPLICABLE
FUND ELLIG: -
ORDER APPRV DATE:
ACTUAL COMPL DATE:
PAYMENT DATE:
ACTUAL COST:

REMEDIAL ACTION*

CLEANUP RESP: NA - NOT APPLICABLE
FUND ELLIG: -
ACTUAL COST:
YEARS TO COMPL:

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: NFA - NO FURTHER ACTION
SUBMIT DATE: 03-25-1994
REVIEW DATE: 04-07-1994
ISSUE DATE: 04-20-1994
COMPL STATUS: A - APPROVED
COMPL STATUS DT: 04-20-1994
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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

DISCHARGE INFORMATION

Mapid: 16

DISCHARGE DATE: 9/16/1987

INSPECTION DATE:

CLEANUP WORK STATUS: COMPLETED

CLEANUP REQUIRED C - COMBINED CLEANUP REQUIRED **CLEANUP COMBINED:**9/15/1987

INFO SOURCE: D - DISCHARGE NOTIFICATION

DISCH CLNUP STATUS: 4/20/1994 NFA - NFA COMPLETE

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

POLLUTANT : L - Waste Oil **GALLONS** **OTHER**

CLEANUP INFORMATION

Mapid: 16

PGM ELIG OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

PGM ELIG SCORE: 35 **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:** 0

CLNUP PROG: A - ABANDONED TANK RESTO **CLNUP OFF:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

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: NFA - NO FURTHER ACTION
SUBMIT DATE: 03-25-1994
REVIEW DATE: 04-07-1994
ISSUE DATE: 04-20-1994
COMPL STATUS: A - APPROVED
COMPL STATUS DT: 04-20-1994
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:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

9100126
CHEVRON #48098
2718 S 50TH ST
TAMPA, FL 33619

OWNERSHIP INFORMATION

CHEVRON PRODUCTS CO
PO BOX 6004 ATTN: PERMIT DESK
SAN RAMON, CA 94583
CONTACT TEL #: 9258429002
CONTACT: CHEVRON PRODUCTS CO
FACILTY TEL #: 4049843048
COUNTY ID: 29 HILLSBOROUGH

MAP ID NUMBER: 16
Dist (Miles): 0.04
Direction:
Elev (Ft): 7.68
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	888		Generic Gasoline	UNDERGROUND	REMOVED FROM SITE 31-Jan-1983

CONSTRUCTION TYPE: UNKNOWN
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	888		Generic Gasoline	UNDERGROUND	REMOVED FROM SITE 31-Jan-1983

CONSTRUCTION TYPE: UNKNOWN
PIPING TYPE:
LEAK MONITORING: UNKNOWN

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	888		Generic Gasoline	UNDERGROUND	REMOVED FROM SITE 31-Jan-1983

CONSTRUCTION TYPE: UNKNOWN
PIPING TYPE:
LEAK MONITORING: UNKNOWN

FDEP STORAGE TANKS REPORT

Report Date: 1/9/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9100025. **--HISTORICAL ENTRY--**
CHEVRON #48098
HWY 41 S & CAUSEWAY BLVD--HIST ENTRY--
TAMPA, FL 33619

OWNERSHIP INFORMATION

,
CONTACT: /
SITE COUNTY: 29 HILLSBOROUGH
SITE LAT/LON (AGCY): /

MAP ID NUMBER: 16
Dist (Miles): 0.04
Direction:
Elev (Ft): 7.68
Elev vs Sub Prop: Higher

TANKS

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

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

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

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

FDEP STORAGE TANKS REPORT

Report Date: 1/9/2023

(TANKS)

FACILITY ID NUMBER, NAME AND LOCATION

9600925
RICHARDS CONSTRUCTION CO
5010 27TH AVE SOUTH
TAMPA, FL 33619

OWNERSHIP INFORMATION

,
CONTACT: /
SITE COUNTY: 29 HILLSBOROUGH
SITE LAT/LON (AGCY): 27 55 27 / 82 24 6

MAP ID NUMBER: 17

Dist (Miles): 0.08
Direction:
Elev (Ft): 7.16
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		Unleaded Gas	UNDERGROUND	REMOVED FROM SITE 01-Jan-1996

CONSTRUCTION TYPE:
PIPING TYPE:
LEAK MONITORING:

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

(LUST)

FACILITY ID NUMBER, NAME AND LOCATION

9502663
CHAVEZ AUTO TRANSPORT
2436 S 50TH ST
TAMPA, FL 33619-

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

OWNERSHIP INFO:

ACCOUNT OWNER
CHAVEZ AUTO TRANSPORT
PO BOX 152224
TAMPA, FL 33684-
(813)879-8453
COUNTY ID: 29 HILLSBOROUGH
AGCY LAT/LON(DMS): 27,55,29.4384 82,24,3.5028
FAC OPERATOR: LUIS CHAVEZ
FAC TEL #: (813)879-8453

MAP ID NUMBER: 18

Dist (Miles): 0.11
Direction:
Elev (Ft): 4.70
Elev vs Sub Prop: Higher

LUST

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

SCORE 9 **SCORE EFF DT:** 3/9/2001 **RANK:** **SCORE WHEN RANKED:**

DISCHARGE INFORMATION

Mapid: 18

DISCHARGE DATE: 8/13/1996

INSPECTION DATE:
CLEANUP WORK STATUS: COMPLETED
CLEANUP REQUIRED R - CLEANUP REQUIRED
CLEANUP COMBINED:
INFO SOURCE: C - CLOSURE REPORT
DISCH CLNUP STATUS: 4/23/2003 NFA - NFA COMPLETE
CONTAMINATED MEDIA?: **SOIL:** N **SUR WATER:** N **GR WATER:** N **MON WELL:** Y **# DW WELLS CONTAMINATED:**
POLLUTANT : D - Vehicular Diesel **GALLONS** **OTHER** NAPHTHALENE 24 UG/L

CLEANUP INFORMATION

Mapid: 18

PGM ELIG OFF: PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION
PGM ELIG SCORE: 9 **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:** 0
CLNUP PROG: C - PETROLEUM CLEANUP PA **CLNUP OFF:** PCLP29 - HILLSBOROUGH ENVIRONMENTAL PROTECTION COMMISSION

SITE ASSESSMENT*

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

REMEDIAL ACTION PLAN*

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

REMEDIAL ACTION*

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

SITE REHABILITATION COMPLETION REPORT*

ACTION TYPE: NFA - NO FURTHER ACTION
SUBMIT DATE: 02-24-2003
REVIEW DATE: 04-09-2003
ISSUE DATE: 04-23-2003
COMPL STATUS: A - APPROVED
COMPL STATUS DT: 04-09-2003
COMMENTS: SRCO

SOURCE REMOVAL*

CLEANUP RESP: -
FUND ELLIG: -
ACTUAL COMPLETION DATE: 12-05-1997
FREE PRODUCT REMOVAL?(Y/N):
SOIL REMOVAL? (Y/N): Y
SOIL TONNAGE REMOVED: 69
SOIL TREATMENT?(Y/N):
OTHER TREATMENT?:
ALT PROC STATUS:
ALT PROC STATUS DT:
ALT PROC COMMENT:

*** Data current as of November 2019**

FDEP LEAKING UNDERGROUND STORAGE TANKS REPORT

TANKS Data for LUST Sites:

FACILITY ID NUMBER, NAME AND LOCATION

9502663
CHAVEZ AUTO TRANSPORT
2436 S 50TH ST
TAMPA, FL 33619

OWNERSHIP INFORMATION

CHAVEZ AUTO TRANSPORT
PO BOX 152224
TAMPA, FL 33684
CONTACT TEL #: 8138798453
CONTACT: CHAVEZ AUTO TRANSPORT
FACILTY TEL #: 8138798453
COUNTY ID: 29 HILLSBOROUGH

MAP ID NUMBER: 18
Dist (Miles): 0.11
Direction:
Elev (Ft): 4.70
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	6000	01-Jul-1988	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 01-Aug-1996

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
2	8000	01-Jul-1988	Vehicular Diesel	UNDERGROUND	REMOVED FROM SITE 01-Aug-1996

CONSTRUCTION TYPE: FIBERGLASS-CLAD STEEL
PIPING TYPE:
LEAK MONITORING: MANUALLY SAMPLED WELLS

TANK #:	TANK VOL(GALS):	INST.DATE:	TANK CONTENTS:	TANK POSITION:	TANK STATUS (as of...)
3	12000	01-Jul-2000	Vehicular Diesel	ABOVEGROUND	REMOVED FROM SITE 01-Nov-2012

CONSTRUCTION TYPE: BALL CHECK VALVE/STEEL/DOUBLE WALL/SPILL CONTAINMENT BUCKET/LEVEL GAUGES/ALARMS
PIPING TYPE: ABV, NO SOIL CONTACT/STEEL/GALVANIZED METAL/FIBERGLASS/DOUBLE WALL/SUCTION PIPING SYSTEM/DISPENSER LINERS
LEAK MONITORING: MONITOR DBL WALL TANK SPACE/MONITOR DBL WALL PIPE SPACE/VISUAL INSPECTION OF ASTS

ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research

Proximal Site Summary Table

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MapID Prgm List	Fac ID No	Site Dist (mi)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address
1A						
LUST	9810571	0.21	5.94	Higher	PORT CONSOLIDATED INC-TAMPA	5007 DENVER ST TAMPA, FL 33619
TANKS	9810571	0.21	5.94	Higher	PORT CONSOLIDATED INC-TAMPA	5007 DENVER ST TAMPA, FL 33619
2A						
TANKS	9045862	0.15	6.86	Higher	PORT CONSOLIDATED INC	5025 HARTFORD ST TAMPA, FL 33619
3A						
CERCLIS	FL0000903336	0.19	11.37	Higher	HILLSBOROUGH COUNTY RESOURCE RECOVERY	SOUTH SIDE RALEIGH STREET TAMPA, FL 33619
NFRAP	FL0000903336	0.19	11.37	Higher	HILLSBOROUGH COUNTY RESOURCE RECOVERY	SOUTH SIDE RALEIGH STREET TAMPA, FL 33619
SEMSACTV	FL0000903336	0.19	11.37	Higher	HILLSBOROUGH COUNTY RESOURCE RECOVERY	SOUTH SIDE RALEIGH STREET TAMPA, FL 33619
4A						
BRWNFLDS	BF290704000	0.19	6.35	Higher	Tampa Tank and Welding Property	TAMPA, FL
BRWNFLDS	BF290704001	0.19	6.35	Higher	Tampa Tank and Welding Property	5103 36th Avenue TAMPA, FL 33619
STCERC	ERIC_13921	0.19	6.35	Higher	TAMPA TANK	5103 36TH AVENUE TAMPA, FL 33619
VOLCLNUP	288495	0.19	6.35	Higher	TAMPA TANK	5103 36TH AVENUE TAMPA, FL 33619
VOLCLNUP	BF290704001	0.19	6.35	Higher	Tampa Tank and Welding Property	5103 36th Avenue TAMPA, FL 33619
VOLCLNUP	ERIC_13921	0.19	6.35	Higher	TAMPA TANK	5103 36TH AVENUE TAMPA, FL

ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research

Proximal Site Summary Table

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MapID Prgm List	Fac ID No	Site Dist (mi)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address
5A						
INSTENG	1927	0.15	5.50	Higher	Exide Technologies	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16190	0.15	5.50	Higher	Battery Saw Cutting Area - 31	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16191	0.15	5.50	Higher	Battery Casing Disposal Site No. 2 - 38	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16192	0.15	5.50	Higher	Basttery Casing Disposal Site No. 3 (Northeast Disposal Area) - 39	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16193	0.15	5.50	Higher	Boot Washing Sump - 37	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16194	0.15	5.50	Higher	Area I Stormwater Collection System - 34	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16195	0.15	5.50	Higher	Raw Material Storage Area - 33	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16197	0.15	5.50	Higher	Battery Storage Area - 32	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16237	0.15	5.50	Higher	Delaney Creek - V	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16238	0.15	5.50	Higher	Former Thayer Property - Z	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16239	0.15	5.50	Higher	Large Percolation Pond - 1	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16240	0.15	5.50	Higher	Small Lagoon - 2	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16241	0.15	5.50	Higher	Battery Casing Disposal Site No. 1 - 3	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16242	0.15	5.50	Higher	Wastewater Treatment Plant - 4	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16243	0.15	5.50	Higher	Wastewater Treatment Plant - 5	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16244	0.15	5.50	Higher	Wastewater Recycling Area - 6	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16245	0.15	5.50	Higher	Tampa Tank - HH	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16246	0.15	5.50	Higher	RDK Property - JJ	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16247	0.15	5.50	Higher	Sanitary Lagoons - 8	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16248	0.15	5.50	Higher	Furnace Slag Storage Area - 9	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16249	0.15	5.50	Higher	Oxide Plant Building - 10	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16250	0.15	5.50	Higher	Area V Stormwater Collection System - 11	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16251	0.15	5.50	Higher	Area III Stormwater Collection System - 12	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16252	0.15	5.50	Higher	Wet Scrubber and Emissions Stack for Kettles - 13	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16253	0.15	5.50	Higher	Area II Stormwater Collection System - 14	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16254	0.15	5.50	Higher	Furnace No. 2 Bag House - 15	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16255	0.15	5.50	Higher	Furnace No. 2 Stack - 16	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16256	0.15	5.50	Higher	Furnace No. 2 Cooling Tower - 17	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16257	0.15	5.50	Higher	Furnace No. 2 Slap Tap Bag House - 18	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16258	0.15	5.50	Higher	Furnace No. 2 - 19	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16259	0.15	5.50	Higher	Furnace No. 1 Slag Tap Bag House - 20	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16260	0.15	5.50	Higher	Furnace No. 1 Cooling Tower - 21	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16261	0.15	5.50	Higher	Furnace No. 1 Bag House - 22	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16262	0.15	5.50	Higher	Furnace No. 1 Stack - 23	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16263	0.15	5.50	Higher	Furnace No. 1 - 24	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16264	0.15	5.50	Higher	Original Primary Settling Tank - 25	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16265	0.15	5.50	Higher	Primary Neutralization Sump Under NaOH Tank - 26	3521 South Yokam Diamond Street Tampa, FL 33619

ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research

Proximal Site Summary Table

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MapID Prgm List	Fac ID No	Site Dist (mi)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address
STCERC	ERIC_16266	0.15	5.50	Higher	pH Adjustment Tank - 27	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16267	0.15	5.50	Higher	Battery Acid Settling Sump and Holding Tanks - 28	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16268	0.15	5.50	Higher	Area IV Stormwater Collection System - 29	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16269	0.15	5.50	Higher	N & A Separation Unit - 30	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16270	0.15	5.50	Higher	Former Deptic Tank Drainfield - 40	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16271	0.15	5.50	Higher	Unregulated Discharge Point 002 - Overflow Ditch - A	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16272	0.15	5.50	Higher	Toxic Soils in the Towaway Street Southside Ditch - C	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16273	0.15	5.50	Higher	Spill Area from the Small Lagoon Dike Breach - D	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16274	0.15	5.50	Higher	Scrap Storage Area - Waste Pile - G	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16275	0.15	5.50	Higher	Debris Fields Near Sanitary Lagoons - H	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16276	0.15	5.50	Higher	Oxide Plant Loading Area - I	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16277	0.15	5.50	Higher	Lead Oxide Storage Tanks - J	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16278	0.15	5.50	Higher	Delaney Creek NPDES Discharge Point 001 and Associated Piping - K	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16279	0.15	5.50	Higher	E. P. Toxic Soils in the Raleigh Street North Side Ditch - M	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16280	0.15	5.50	Higher	Sagasta Avenue Ditch System - N	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16281	0.15	5.50	Higher	Raw Material Loading Area - O	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16282	0.15	5.50	Higher	Battery Loading Area - P	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16283	0.15	5.50	Higher	Main Loading Dock and Plastic Storage Area - Q	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16284	0.15	5.50	Higher	Machine Shop Building - S - 5	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16285	0.15	5.50	Higher	South Side Toway Street Ditch Between Sagasta Avenue and U.S. 41 - U-1	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16286	0.15	5.50	Higher	North Side Towaway Street Ditch Between Jersey Avenue and U.S. 41 - U-2	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16287	0.15	5.50	Higher	Ditches on Both Sides of Jersey Avenue - U-3	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16288	0.15	5.50	Higher	North and South Ditches on Releigh Street between Jersey Avenue and Sagasta	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16289	0.15	5.50	Higher	Abandoned Ditch System due South of Sagasta Avenue and Bordering the West S	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16290	0.15	5.50	Higher	South Side Raleigh Street Ditch Between the Old Sales Building and U.S. 41	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16291	0.15	5.50	Higher	Underground Sewer System in Front of the Main Office Building and Including	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16292	0.15	5.50	Higher	Carroll Tire Battery Casing Disposal Site - W	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16293	0.15	5.50	Higher	36th Avenue Stormwater Ditch System - X	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16294	0.15	5.50	Higher	Small Creek on the Easte Side of Battery Casing Disposal Site No. 3 (East D	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16295	0.15	5.50	Higher	Ansell Property - AA	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16296	0.15	5.50	Higher	Permittee Property - BB	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16297	0.15	5.50	Higher	Smith Property - CC	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16298	0.15	5.50	Higher	Mills and Golder Property - DD	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16299	0.15	5.50	Higher	FDOT Area "A" Property - EE	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16300	0.15	5.50	Higher	FDOT Area "B" Property - FF	3521 South Yokam Diamond Street Tampa, FL 33619

ENVIRONMENTAL DATA MANAGEMENT

Custom Radius Research

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MapID / Prgm List	Fac ID No	Site Dist (mi)	Site Elev (ft)	Elev vs Sub Prop	Site Name	Site Address
STCERC	ERIC_16301	0.15	5.50	Higher	CSX Property - GG	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_16302	0.15	5.50	Higher	Small Creek on the West Side of Battery Casing Disposal Site (West Ditch) -	3521 South Yokam Diamond Street Tampa, FL 33619
STCERC	ERIC_17036	0.15	5.50	Higher	Exide Technologies - Tampa- Facilitywide Site	3521 South Yokam Diamond Street Tampa, FL 33619
6A						
BRWNFLDS	BF291402001	0.13	4.80	Higher	Delaney Creek Brownfield Redevelopment Area – Exide Tech.	West and East Sides of South 50th Street (U.S. Highway 41) at Delaney Creek TAMPA, FL 33619
VOLCLNUP	BF291402001	0.13	4.80	Higher	Delaney Creek Brownfield Redevelopment Area – Exide Tech.	West and East Sides of South 50th Street (U.S. Hig TAMPA, FL 33619
7A						
CERCLIS	FLD000608083	0.14	5.53	Higher	CHLORIDE METALS INC	3507 S 50TH ST TAMPA, FL 33619
CORRACTS	FLD000608083	0.14	5.53	Higher	EXIDE TECHNOLOGIES	3507 SOUTH 50TH STREET TAMPA, FL 33619
NFRAP	FLD000608083	0.14	5.53	Higher	CHLORIDE METALS INC	3507 S 50TH ST TAMPA, FL 33619
SEMSACTV	FLD000608083	0.14	5.53	Higher	CHLORIDE METALS INC	3507 S 50TH ST TAMPA, FL 33619
STCERC	5624	0.14	5.53	Higher	Chloride Metals Part A-1900	Corner of 36th & 50th Tampa, FL
STCERC	ERIC_5624	0.14	5.53	Higher	Chloride Metals Part A-1900	Corner of 36th & 50th Tampa, FL
STCERC	ERIC_9202	0.14	5.53	Higher	PACIFIC CHLORIDE INC.	3507 - 50TH ST S TAMPA, FL
TANKS	8624995	0.14	5.53	Higher	CHLORIDE METALS	3521 S 50TH ST TAMPA, FL 33619
VOLCLNUP	34764	0.14	5.53	Higher	PACIFIC CHLORIDE INC.	3507 - 50TH ST S TAMPA, FL
VOLCLNUP	ERIC_9202	0.14	5.53	Higher	PACIFIC CHLORIDE INC.	3507 - 50TH ST S TAMPA, FL
8A						
TANKS	9046712	0.13	5.76	Higher	SHELTON TRUCKING SERVICE INC	4914 TOWAWAY AVE TAMPA, FL 33619
9A						
LUST	8625433	0.21	10.00	Higher	UNIVERSAL ERECTORS INC	5208 ST PAULS ST TAMPA, FL 336196131
TANKS	8625433	0.21	10.00	Higher	UNIVERSAL ERECTORS INC	5208 ST PAULS ST TAMPA, FL 33619
10A						
LUST	9045895	0.18	9.47	Higher	CHEMCO ELECTRIC SUPPLY INC	5204 SAINT PAUL ST TAMPA, FL 336196118
TANKS	9045895	0.18	9.47	Higher	CHEMCO ELECTRIC SUPPLY INC	5204 SAINT PAUL ST TAMPA, FL 33619
11A						
TANKS	9808540	0.15	9.38	Higher	ISSA INVESTMENT INC #241	3103 S 50TH ST TAMPA, FL 33619
12A						
INSTENG	1738	0.20	9.69	Higher	LKQ Copher Self Service Auto Parts - Tampa Inc	5109 CAUSEWAY BOULEVARD Tampa, FL 33619
STCERC	ERIC_13866	0.20	9.69	Higher	22ND ST. AT US 41 (COT LF#40) (COPHER BROTHERS AUTO PARTS)	22ND ST AT US 41 TAMPA, FL 33619
STCERC	ERIC_13926	0.20	9.69	Higher	LKQ -TAMPA	5109 CAUSEWAY BOULEVARD Tampa, FL 33619
VOLCLNUP	228384	0.20	9.69	Higher	22ND ST. AT US 41 (COT LF#40) (COPHER BROTHERS AUTO PARTS)	22ND ST AT US 41 TAMPA, FL 33619
VOLCLNUP	294828	0.20	9.69	Higher	LKQ -TAMPA	5109 CAUSEWAY BOULEVARD TAMPA, FL 33619
VOLCLNUP	ERIC_13866	0.20	9.69	Higher	22ND ST. AT US 41 (COT LF#40) (COPHER BROTHERS AUTO PARTS)	22ND ST AT US 41 TAMPA, FL
VOLCLNUP	ERIC_13926	0.20	9.69	Higher	LKQ -TAMPA	5109 CAUSEWAY BOULEVARD Tampa, FL

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

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: 12/8/2022 **Received by EDM:** 12/28/2022 **EDM Database Updated:** 12/28/2022

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: 12/22/2022 **Received by EDM:** 12/28/2022 **EDM Database Updated:** 12/28/2022

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: 10/27/2022 **Received by EDM:** 11/1/2022 **EDM Database Updated:** 11/1/2022

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: 11/1/2022 **Received by EDM:** 11/1/2022 **EDM Database Updated:** 11/1/2022

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: 12/28/2022 **Received by EDM:** 12/28/2022 **EDM Database Updated:** 12/29/2022

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: 8/19/2022 **Received by EDM:** 8/19/2022 **EDM Database Updated:** 8/19/2022

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: 9/6/2022 **Received by EDM:** 10/4/2022 **EDM Database Updated:** 10/4/2022

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: 10/4/2022 **Received by EDM:** 10/4/2022 **EDM Database Updated:** 10/6/2022

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: 12/21/2022 **Received by EDM:** 12/29/2022 **EDM Database Updated:** 12/29/2022

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: 6/27/2022 **Received by EDM:** 6/27/2022 **EDM Database Updated:** 6/27/2022

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: 9/6/2022 **Received by EDM:** 9/7/2022 **EDM Database Updated:** 9/7/2022

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: 5/23/2022 **Received by EDM:** 6/30/2022 **EDM Database Updated:** 6/30/2022

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: 9/28/2022 **Received by EDM:** 10/6/2022 **EDM Database Updated:** 10/6/2022

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: 9/28/2022 **Received by EDM:** 10/6/2022 **EDM Database Updated:** 10/6/2022

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

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: 1/11/2022 **Received by EDM:** 1/11/2022 **EDM Database Updated:** 1/24/2022

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: 4/3/2022 **Received by EDM:** 4/3/2022 **EDM Database Updated:** 4/4/2022

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: 8/12/2022 **Received by EDM:** 8/15/2022 **EDM Database Updated:** 8/15/2022

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: 10/27/2022 **Received by EDM:** 11/1/2022 **EDM Database Updated:** 11/1/2022

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: 8/15/2022 **Received by EDM:** 8/15/2022 **EDM Database Updated:** 8/15/2022

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: 3/30/2021 **Received by EDM:** 3/31/2021 **EDM Database Updated:** 3/31/2021

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

APPENDIX E SITE PHOTOGRAPHS

Site Photographs

POND 1A – Aries Building Systems,
northeast area looking southwest

POND 1A – Vacant building
East-central area looking southeast

POND 1A – inside building looking northeast

POND 1A – West-central area looking west

POND 1A – Tires and equipment
southwest corner looking east

POND 2B – West boundary looking south

POND 2B – Shed in northwest area
West of shed looking east

POND 2B – Dewatering pumps,
east-central area looking east

POND 2B – Equipment,
east-central area looking west

POND 2B – East-central area looking north

POND 2B – West-central area looking southeast

POND 3A - Center parcel,
Thach Tire (4916 Causeway Blvd)
Southeast looking west

POND 3A - Center parcel,
Thach Tire (4916 Causeway Blvd)
Northwest area looking south

POND 3A - West parcel,
Thach Tire (4916 Causeway Blvd)
Central area looking south

POND 3A - Center parcel,
Thach Tire (4916 Causeway Blvd)
Northwest area looking south

POND 3A - West parcel,
First Choice Cars (4902 Causeway Blvd)
Near south boundary looking northeast

POND 3A - West parcel,
First Choice Cars (4902 Causeway Blvd)
Stained soil, west-central area

POND 3A - West parcel,
First Choice Cars (4902 Causeway Blvd)
West-central area looking west

POND 3A - West parcel,
First Choice Cars (4902 Causeway Blvd)
East-central area looking west

POND 3B – East parcel
South of Sunoco looking north

POND 3B – East parcel
Northeast corner of building looking south

POND 3B – East parcel
Concrete rubble and plastic debris

POND 3B – R&E Tire Plus (West parcel)
Southwest area looking north

POND 3B – R&E Tire Plus (West parcel)
Northeast central area looking southwest

POND 3B – Cabellero Auto (West parcel)
South central area looking west

POND 3B – Cabellero Auto (West parcel)
South of waste oil AST looking north

POND 3B – Allen's Access & Gate
Southwest looking northeast

POND 3B – Allen's Access & Gate
North of building looking southeast

POND 3B – Allen's Access & Gate
South of shed looking north

POND 3B – Allen's Access & Gate
Central area looking northeast (house)

APPENDIX F SUPPLEMENTAL INFORMATION

EDM 5 - Delaney Creek Brownfield Redevelopment Area/Exide Technologies

located east and west of US 41

REPORT

ANNUAL GROUNDWATER MONITORING REPORT

Exide Technologies
EPA I.D. No.: FLD 000 608 083

Submitted to:

Florida Department of Environmental Protection
2600 Blair Stone Road, MS 4560
Tallahassee, Florida USA 32399-2400

Submitted by:

Golder Associates USA Inc.
9428 Baymeadows Road, Suite 400
Jacksonville, Florida USA 32256

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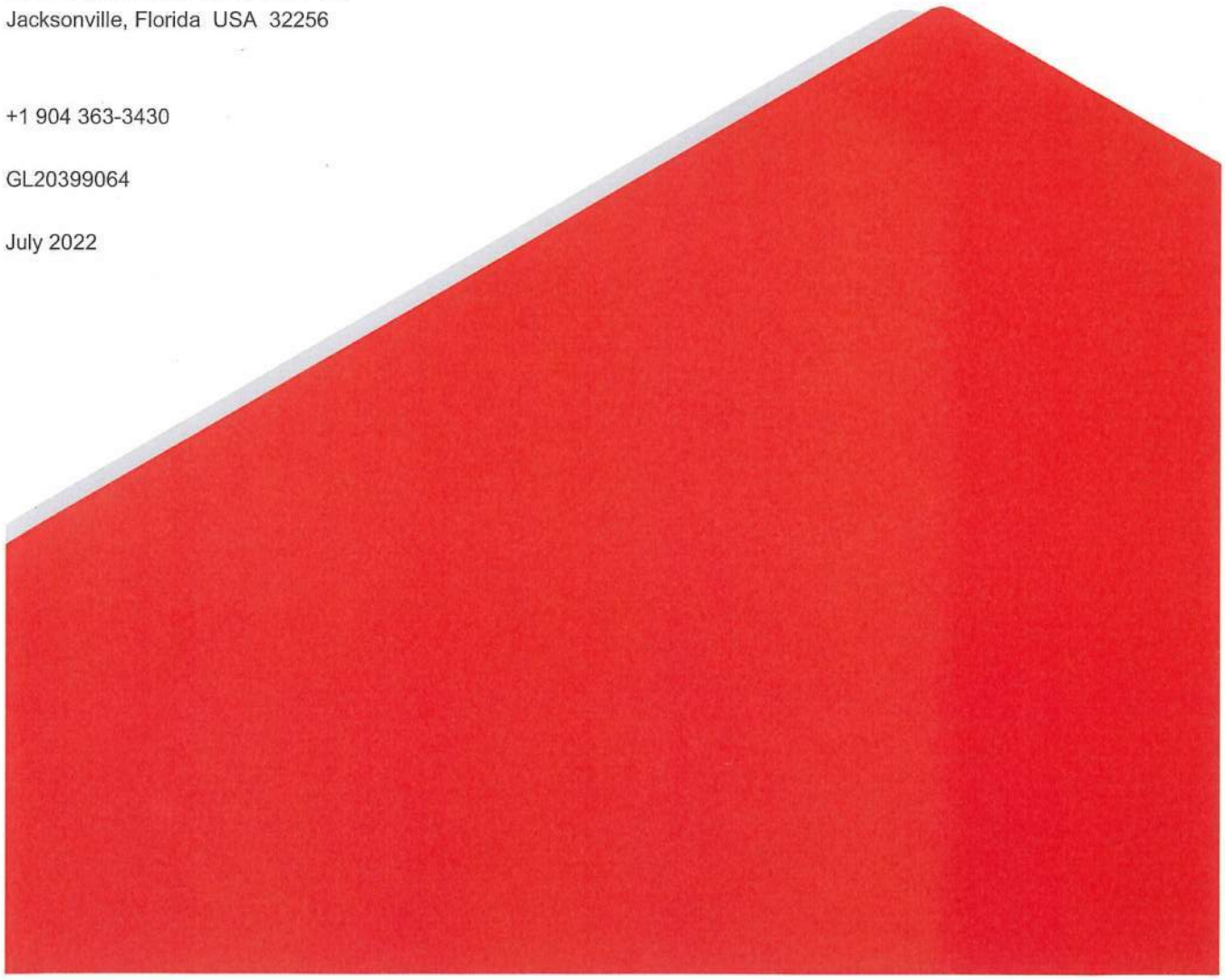
GL20399064

July 2022



July 1, 2022

Project No. GL20399064

Ms. Amber Igoe, CHMM
Florida Department of Environmental Protection
Hazardous Waste Program and Permitting, MS 4560
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RE: ANNUAL GROUNDWATER MONITORING REPORT
EXIDE ENVIRONMENTAL RESPONSE TRUST
EPA I.D. NO.: FLD 000 608 083
TAMPA, FLORIDA

Dear Amber:

On behalf of the Exide Environmental Response Trust (EERT), Golder Associates USA Inc. is submitting this Annual Groundwater Monitoring Report for the former Exide site located in Tampa, Florida. This report is submitted pursuant to the following sections of the Post-Closure and Corrective Action Permit (34763-HF-004): Part IV(A) and Part IV(C) and the reduction in reporting frequency approved by FDEP on May 24, 2017. This report covers the time period from July 2021 through June 2022.

If you have any questions regarding this report or need further assistance, please call.

Sincerely,

Robert M. Wojcik, PG
Director, Hydrogeologist

Golder Associates USA Inc.
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APPENDICES

1.0 INTRODUCTION

This document represents the Annual Groundwater Monitoring Report for the groundwater sampling events conducted in July 2021, October 2021, January 2022, and April 2022 at the former Exide Technologies, Inc. (Exide) facility (Site) located approximately 2.5 miles south of State Road 60 on U.S. Highway 41 in Hillsborough County, Florida (Figure 1). The groundwater monitoring program is a requirement of the Site's Post-Closure and Corrective Action permit 34763 HF-004 (Permit) and was conducted in accordance with the requirements set forth therein. Groundwater purging, sampling, labeling, sample custody, and shipping procedures were performed in accordance with the current FDEP Standard Operating Procedures (SOPs).

This document also represents the Annual Data Summary Report (DSR) for the on-site accelerated bioremediation program for treating chlorinated ethenes in groundwater at the Site. In July 2021, October 2021, January 2022, and April 2022, groundwater monitoring for this treatment program was also conducted in accordance with FDEP SOPs. The DSR presents a summary of the results to date of the in situ accelerated bioremediation program.

This report covers the time period from July 1, 2021 through June 30, 2022 and includes a description of the work performed at the Site, results, and recommendations. An analytical data package for the sampling conducted in July and October 2021 was submitted on January 26, 2022 to FDEP and approved by FDEP on March 24, 2022. Therefore, analytical data packages for the July and October 2021 data are excluded from this report.

2.0 METHODS

2.1 General

Groundwater monitoring was conducted in accordance with the Permit. Typically, concurrent with the July 2021 and January 2022 semi-annual groundwater monitoring events, and in October 2021 and April 2022, quarterly groundwater sampling was conducted for active remediation monitoring (ARM) at the Site. Table 1 presents a summary of the groundwater monitoring program for the Site, including a listing of the monitoring wells, the well classifications (i.e., assessment, point of compliance [POC], background, or ARM), the compounds analyzed, the sampling frequency, and well construction details. Figure 2 presents the Site layout and the groundwater monitoring well network. Groundwater purged during sampling activities was temporarily containerized in 55-gallon steel drums staged at the Site.

2.2 Groundwater Elevation Measurements

Prior to purging and sampling activities, monitoring wells were opened, and groundwater levels were allowed to equilibrate to atmospheric conditions for approximately one hour. Water-level measurements are referenced to the National Geodetic Vertical Datum of 1929, based on measuring point elevations measured previously by a licensed surveyor. Depth to groundwater was measured in feet below the surveyed monitoring well measuring point to calculate groundwater elevations in accordance with Requirement 5 of the Environmental Monitoring portion of the Post-Closure Permit (Part IV Subpart A). Groundwater elevations at each well are used to evaluate the general direction of groundwater flow in the surficial aquifer underlying the Site. A summary of groundwater elevation data collected on January 24, 2022 is presented in Table 2.

2.3 Groundwater Sample Collection and Analysis

In accordance with the Permit, groundwater samples are typically collected during the July 2021 and January 2022 semi-annual groundwater monitoring events as indicated in Table 1. During the week of January 24, 2022, and on April 21, 2022, quarterly ARM groundwater sampling events were conducted. During the quarterly ARM events, groundwater samples were collected from upper surficial aquifer ARM monitoring wells S-10, S-35, S-36, S-48R, S-54, and S-55 and sent for laboratory analysis of antimony, arsenic, cadmium, lead, volatile organic compounds (VOCs), and natural attenuation indicator parameters (Table 1).

Copies of groundwater sampling logs for groundwater samples collected from all wells are provided in Appendix A.

3.0 GROUNDWATER FLOW RATE AND DIRECTION EVALUATION

On January 24, 2022, water levels were measured in accessible monitoring wells (Table 2). Water-level elevations in the upper, middle, and lower surficial aquifers are shown in Figures 3, 4, and 5, respectively. The groundwater flow direction in the upper surficial aquifer is generally to the south toward Delaney Creek, and the groundwater flow direction in the middle and lower surficial aquifers is generally to the west-southwest. Groundwater elevations and groundwater flow directions, based on the water levels measured on January 24, 2022, are generally consistent with historical water level data at the Site.

3.1 Vertical Hydraulic Gradients

Vertical groundwater gradients were calculated for monitoring well pairs D-4/S-42, D-13/S-58, and D-5R/S-44R. Vertical gradients for these well pairs show an upward gradient (Table 3).

4.0 WATER QUALITY MONITORING RESULTS

4.1 Groundwater Quality Monitoring Results

A summary of inorganic chemical analytical results for groundwater samples collected during July 2021 through June 2022 is provided in Table 4. A summary of organic chemical results is provided in Table 5. Copies of laboratory reports are provided in Appendix B. A historical summary of inorganic and organic groundwater data, including data previously reported by Golder, is provided in Appendix C.

4.1.1 Active Remediation Monitoring (ARM) Wells

Laboratory-reported inorganic and VOC constituent concentrations, listed in Tables 4 and 5, respectively, and shown on Figure 6 (VOCs) for groundwater samples collected in July and October 2021 and January and April 2022 from ARM wells were below applicable Groundwater Cleanup Target Levels (GCTLs) per Chapter 62 777 Florida Administrative Code (FAC) (applicable GCTLs for iron and manganese are listed in Chapter 62 785, FAC, per Part IV (D)(3) of the Permit), with the following exceptions:

- Total arsenic concentrations in groundwater samples collected from monitoring wells S-36 and S-54 (July/October 2021, January/April 2022), exceeded the GCTL of 0.01 milligrams per liter (mg/L). Data are also shown on Figure 7.
- Antimony concentrations in the groundwater sample collected from monitoring well S-36 (July/October 2021; January/April 2022) and S-55 (July 2021), exceeded the GCTL of 0.006 mg/L.
- The sodium and chloride concentrations in the groundwater sample collected from monitoring well S-48R (July/October 2021; January/April 2022), exceeded their respective GCTLs.
- Sulfate concentrations in groundwater samples collected from monitoring wells S-10, S-35, S-48R, S-54, and S-55 exceeded the GCTL of 250 mg/L during the July/October 2021 and January/April 2022 events. Sulfate data are shown on Figure 8.
- Total iron concentrations in groundwater samples collected from monitoring wells S-10, S-35, S-48R, S-54, and S-55 exceeded the GCTL of 4.2 mg/L during the July/October 2021 and January/April 2022 events.
- Vinyl chloride (VC) and cis-1,2-dichloroethene (cDCE) were detected at varying concentrations in groundwater samples collected from monitoring wells, exceeding applicable GCTLs with the exception of S-35 (cDCE July/October 2021; January 2022), S-36 (cDCE July 2021). Exceedances of trichloroethene were detected in the groundwater samples from S-36 above the GCTL during the July/October 2021 and January/April 2021 events and S-35 during the April 2022 event. Exceedances of GCTLs were detected for trans-1,2 dichloroethene (transDCE) in the groundwater samples from monitoring wells S-10 (July/October 2021 and January 2022), S-35 (April 2022), S-48R (July/October 2021 and January/April 2022), S-54 (January/April 2022), and S-55 (January 2022).

4.1.2 Assessment Monitoring Wells

Laboratory-reported inorganic and VOC constituent concentrations (Tables 4 and 5), for groundwater samples collected during the reporting period from assessment monitoring wells are below applicable GCTLs (applicable GCTLs for iron and manganese are listed in Chapter 62-785, FAC, per Part IV (D)(3) of the Permit), with the following exceptions:

- Arsenic concentrations for groundwater samples collected from upper surficial monitoring well S-47 exceeded the GCTL of 0.010 mg/L.
- Sulfate concentrations for groundwater samples collected from upper surficial aquifer monitoring wells S-42 (July 2021 and January 2022), S-46 (January 2022), S-47 (July 2021 and January 2022), and S-51 (July 2021), and in July 2021 and January 2022 from middle surficial aquifer monitoring wells D-4, D-6, and D-7, exceeded the GCTL for of 250 mg/L. Data are also shown on Figure 8.
- Sodium concentrations for groundwater samples collected from upper surficial aquifer monitoring wells S-42 (July 2021 and January 2022), S-46 (January 2022), S-47 (January 2022), and S-51 (January 2022), and in July 2021 and January 2022 from middle surficial aquifer monitoring wells D-4, D-6, and D-7, exceeded the GCTL of 160 mg/L.
- Chloride concentrations for groundwater samples collected from upper surficial aquifer monitoring wells S-42 (July 2021 and January 2022), S-46 (January 2022), and in July 2021 and January 2022 from middle surficial aquifer monitoring wells D-4, D-6, and D-7, exceeded the GCTL of 250 mg/L.
- Total iron concentrations for groundwater samples from upper surficial aquifer monitoring wells S-42 (July 2021 and January 2022), S-46 (January 2022), S-47 (January 2022), and S-51 (January 2022), exceeded the GCTL of 4.2 mg/L.
- VC concentrations for groundwater samples collected from the upper surficial monitoring well S-42 (July 2021 and January 2022) and middle surficial aquifer monitoring wells D-4 (July 2021 and January 2022), exceeded the GCTL of 1 microgram per liter (µg/L).

4.1.3 Point of Compliance Monitoring Wells

Laboratory-reported inorganic and VOC constituent concentrations, listed in Tables 4 and 5, respectively, for groundwater samples collected in January 2022 from POC monitoring wells (sampled annually only) were below applicable GCTLs, with the following exceptions:

- Total arsenic concentrations for groundwater samples collected from upper surficial aquifer monitoring wells S-5, S-8, S-14, S-37R1, S-40, and S-43R exceeded the GCTL of 0.01 mg/L. Data are also shown on Figure 7.
- Lead concentration in the groundwater sample collected from upper surficial aquifer monitoring wells S-11R1 exceeded the GCTL of 0.015 mg/L.
- Antimony concentration in the groundwater sample collected from upper surficial aquifer monitoring wells S-11R1 exceeded the GCTL of 0.006 mg/L.
- Sulfate concentrations for groundwater samples collected from upper surficial aquifer monitoring wells S-8, S-9, S-11R1, S-37R1, S-43R, S-57, and S-58; and middle surficial aquifer monitoring wells D-12, and D-13 exceeded the GCTL of 250 mg/L. Data are also shown on Figure 8.
- Sodium concentrations in groundwater samples collected from upper surficial aquifer monitoring wells S-8, S-11R1, S-14, S-40, S-43R, S-45, and S-58; and middle surficial aquifer monitoring wells D-12 and D-13, exceeded the GCTL of 160 mg/L.

- Total iron concentrations in groundwater samples collected from upper surficial aquifer monitoring wells S-8, S-14, S-40, S-43R and S-58; and middle surficial aquifer monitoring wells D-12 and D-13, exceeded the applicable GCTL of 4.2 mg/L.
- Chloride concentrations in groundwater samples collected from upper surficial aquifer monitoring wells S-11R1, S-43R, S-58, and middle surficial aquifer monitoring wells D-12 and D-13, exceeded the GCTL of 250 mg/L.
- VC concentrations in groundwater samples collected from upper surficial aquifer monitoring wells S-43R, S-57, S-58; and middle surficial aquifer monitoring well D-12, exceeded the GCTL of 1 µg/L. VC concentrations in groundwater samples collected from deep aquifer monitoring wells D-10B, D-11, and D-15 also exceeded the GCTL of 1 µg/L.
- The cDCE concentration in the groundwater sample from upper surficial aquifer monitoring wells S-43R and middle surficial aquifer monitoring well D-12 exceeded the GCTL of 70 µg/L.

5.0 VOC IMPACTED AREA – REMEDIATION AND EVALUATION

An accelerated bioremediation treatment program has been in operation since 2005 to achieve reductive dechlorination of chlorinated VOCs in surficial groundwater at the Site. The source area soil was identified through previous investigations, and was excavated, removed, and disposed of off-site in 2014. However, due to infrastructure limitations, elevated concentrations of residual VOCs remained outside the excavation area. In situ accelerated bioremediation has been implemented to treat VOCs in groundwater in this area, generally located to the south of the excavation and north of monitoring wells S-35 and S-36. Two trenches were installed during the excavation to facilitate implementation of the in-situ bioremediation program. These trenches were backfilled with ChitoRem (to provide a continuing source of electron donors) and included installation of seven horizontal perforated pipes with risers (to facilitate injection of aqueous phase electron donor amendments). DPT injection events were performed approximately one to two times per year since October 2012 at locations immediately downgradient from the excavation area and further downgradient (within the toe of the groundwater plume) to enhance microbial reductive dechlorination processes. Injection into the trenches also occurred during each event (seven permanent horizontal wells).

Groundwater monitoring was performed in the ARM wells during July/October 2021 and January/April 2022, and the results are provided in Section 4.

5.1 DPT Amendment Injection

DPT injection event was conducted in August 2021 and May 2022 and were completed in accordance with the FDEP-approved Request for Modification of Amendment Design for the Accelerated Bioremediation Program (Golder 2008a; Golder 2012; Golder 2014; Golder 2018) and approved Underground Injection Control permit dated November 29, 2018. Injection locations were generally consistent with previous events. However, the number of injection points increased to 35 and the percent sodium lactate by volume increased to 4%.

Groundwater samples were collected from select DPT points during the two events. A summary of results for groundwater samples collected from previous events is provided in Table 6 and shown on Figure 9.

5.2 Groundwater Monitoring Results – Monitoring Wells

Groundwater from the six-well ARM monitoring well network is sampled quarterly. The results from the ARM wells are presented for the previous 4 years on Figure 6. Historical results from the ARM wells are provided in Appendix C-2. Results from the six ARM wells over the past several years generally indicate a stable trend in the downgradient well locations. In addition to the ARM wells, POC wells near the periphery of the plume are also tracked. Increases in the near-source monitoring wells (upgradient) have shown some recent increases. This is likely due to the increased frequency of injection events in the last two years. The locations of the injection points were also shifted toward the northeast where impacted groundwater was recently detected from temporary well points collected during these events (Figure 9). The reductions and stabilization of concentrations along the margins of the plume shows that the strategy of injections post excavation (2011) is working.

Arsenic concentrations in groundwater are consistent with previous sampling results. Arsenic results are shown on Figure 7. Sulfate concentrations in groundwater are generally stable. Sulfate results are shown on Figure 8.

5.3 Groundwater Sampling Results – Temporary DPT Points

Groundwater samples were collected through the DPT tooling to monitor effectiveness of treatment within the right of-way along Raleigh Street and other selected locations within the extent of impacted groundwater in the upper surficial aquifer.

Groundwater was collected from eight temporary points during the August 2021 event (GW-21-05 through GW-21-12) and five temporary points during the May 2022 event (GW-22-01 through GW-22-05). Results are included in Table 6 and are shown on Figure 9. The temporary point concentrations have shown a sharp decrease in impacted groundwater during the August 2021 and May 2022 events. An evaluation is currently underway to evaluate the disparity between reported concentrations for samples from ARM wells and samples from the temporary well point locations. The continuation of the injection program is currently recommended to proceed with semiannual injection events and should be evaluated after receiving quarterly ARM well sample results.

6.0 SUMMARY AND CONCLUSIONS

Groundwater monitoring data from this reporting period are generally consistent with data obtained during historical groundwater monitoring events. The exception currently being evaluated is the disparity between results for samples from monitoring wells and results for samples collected from DPT/temporary locations during the recent injection events.

Data collected during past monitoring events indicate that VOC concentrations had stabilized with the exception of upgradient near-source monitoring wells. This is likely due to the increased frequency of injections events in the recent two years, and that injection point locations were shifted toward the northeast where impacted groundwater was recently detected for samples from temporary well points collected during these events (Figure 9). The continuation of the injection program is currently recommended to proceed semi-annually and should be evaluated after receiving results for samples from the quarterly ARM wells.

Signature Page

Golder Associates USA Inc.

Robert M. Wojcik, PG
Director, Hydrogeologist

Gregory A. O'Neal II, PG
Lead Consultant, Geologist

RMW/GAO/as

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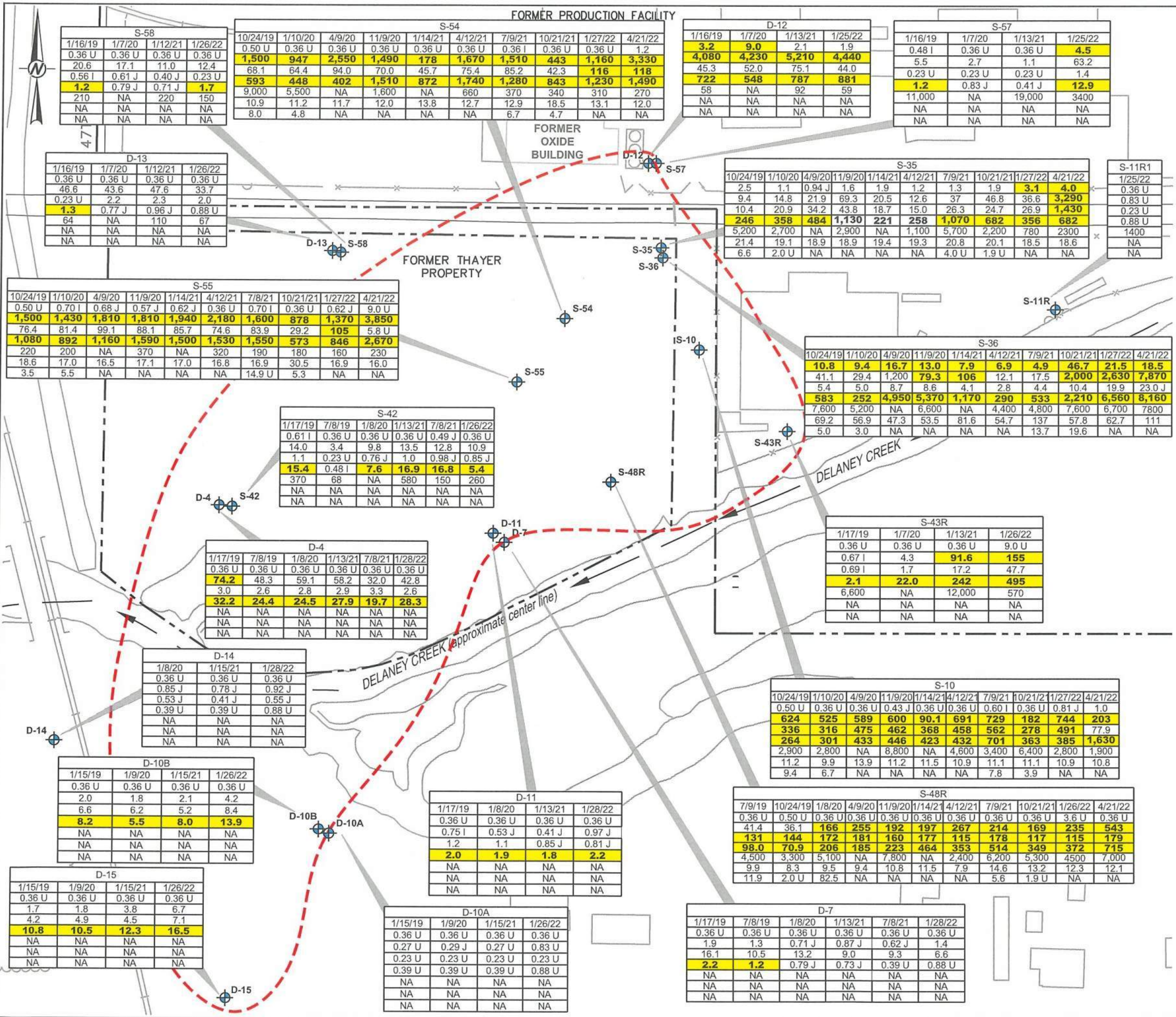


S-58

1/16/19	1/7/20	1/12/21	1/26/22
0.36 U	0.36 U	0.36 U	0.36 U
20.6	17.1	11.0	12.4
0.56 I	0.61 J	0.40 J	0.23 U
1.2	0.79 J	0.71 J	**1.7**
210	NA	220	150
NA	NA	NA	NA
NA	NA	NA	NA

S-54

10/24/19	1/10/20	4/9/20	11/9/20	1/14/21	4/12/21	7/9/21	10/21/21	1/27/22	4/21/22
0.50 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 I	0.36 U	0.36 U	1.2
1,500	**947**	**2,550**	**1,490**	**178**	**1,670**	**1,510**	**443**	**1,160**	**3,330**
68.1	64.4	94.0	70.0	45.7	75.4	85.2	42.3	**116**	**118**
593	**448**	**402**	**1,510**	**872**	**1,740**	**1,280**	**843**	**1,230**	**1,490**
9,000	5,500	NA	1,600	NA	660	370	340	310	270
10.9	11.2	11.7	12.0	13.8	12.7	12.9	18.5	13.1	12.0
8.0	4.8	NA	NA	NA	NA	6.7	4.7	NA	NA

D-12

1/16/19	1/7/20	1/13/21	1/25/22
3.2	**9.0**	2.1	1.9
4,080	**4,230**	**5,210**	**4,440**
45.3	52.0	75.1	44.0
722	**548**	**787**	**881**
58	NA	92	59
NA	NA	NA	NA
NA	NA	NA	NA

S-57

1/16/19	1/7/20	1/13/21	1/25/22
0.48 I	0.36 U	0.36 U	**4.5**
5.5	2.7	1.1	63.2
0.23 U	0.23 U	0.23 U	1.4
1.2	0.83 J	0.41 J	**12.9**
11,000	NA	19,000	3400
NA	NA	NA	NA
NA	NA	NA	NA

D-13

1/16/19	1/7/20	1/12/21	1/26/22
0.36 U	0.36 U	0.36 U	0.36 U
46.6	43.6	47.6	33.7
0.23 U	2.2	2.3	2.0
1.3	0.77 J	0.96 J	0.88 U
64	NA	110	67
NA	NA	NA	NA
NA	NA	NA	NA

S-35

10/24/19	1/10/20	4/9/20	11/9/20	1/14/21	4/12/21	7/9/21	10/21/21	1/27/22	4/21/22
2.5	1.1	0.94 J	1.6	1.9	1.2	1.3	1.9	**3.1**	**4.0**
9.4	14.8	21.9	69.3	20.5	12.6	37	46.8	36.6	**3,290**
10.4	20.9	34.2	43.8	18.7	15.0	26.3	24.7	26.9	**1,430**
246	**358**	**484**	**1,130**	**221**	**258**	**1,070**	**682**	**356**	**682**
5,200	2,700	NA	2,900	NA	1,100	5,700	2,200	780	2300
21.4	19.1	18.9	18.9	19.4	19.3	20.8	20.1	18.5	18.6
6.6	2.0 U	NA	NA	NA	NA	4.0 U	1.9 U	NA	NA

S-11R1

1/25/22
0.36 U
0.83 U
0.23 U
0.88 U
1400
NA
NA

S-55

10/24/19	1/10/20	4/9/20	11/9/20	1/14/21	4/12/21	7/8/21	10/21/21	1/27/22	4/21/22
0.50 U	0.70 I	0.68 J	0.57 J	0.62 J	0.36 U	0.70 I	0.36 U	0.62 J	9.0 U
1,500	**1,430**	**1,810**	**1,810**	**1,940**	**2,180**	**1,600**	**878**	**1,370**	**3,850**
76.4	81.4	99.1	88.1	85.7	74.6	83.9	29.2	**105**	5.8 U
1,080	**892**	**1,160**	**1,590**	**1,500**	**1,530**	**1,550**	**573**	**846**	**2,670**
220	200	NA	370	NA	320	190	180	160	230
18.6	17.0	16.5	17.1	17.0	16.8	16.9	30.5	16.9	16.0
3.5	5.5	NA	NA	NA	NA	14.9 U	5.3	NA	NA

S-36

10/24/19	1/10/20	4/9/20	11/9/20	1/14/21	4/12/21	7/9/21	10/21/21	1/27/22	4/21/22
10.8	**9.4**	**16.7**	**13.0**	**7.9**	**6.9**	**4.9**	**46.7**	**21.5**	**18.5**
41.1	29.4	1,200	**79.3**	**106**	12.1	17.5	**2,000**	**2,630**	**7,870**
5.4	5.0	8.7	8.6	4.1	2.8	4.4	10.4	19.9	23.0 J
583	**252**	**4,950**	**5,370**	**1,170**	**290**	**533**	**2,210**	**6,560**	**8,160**
7,600	5,200	NA	6,600	NA	4,400	4,800	7,600	6,700	7800
69.2	56.9	47.3	53.5	81.6	54.7	137	57.8	62.7	111
5.0	3.0	NA	NA	NA	NA	13.7	19.6	NA	NA

S-42

1/17/19	7/8/19	1/8/20	1/13/21	7/8/21	1/26/22
0.61 I	0.36 U	0.36 U	0.36 U	0.49 J	0.36 U
14.0	3.4	9.8	13.5	12.8	10.9
1.1	0.23 U	0.76 J	1.0	0.98 J	0.85 J
15.4	0.48 I	**7.6**	**16.9**	**16.8**	**5.4**
370	68	NA	580	150	260
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA

D-4

1/17/19	7/8/19	1/8/20	1/13/21	7/8/21	1/28/22
0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
74.2	48.3	59.1	58.2	32.0	42.8
3.0	2.6	2.8	2.9	3.3	2.6
32.2	**24.4**	**24.5**	**27.9**	**19.7**	**28.3**
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA

S-43R

1/17/19	1/7/20	1/13/21	1/26/22
0.36 U	0.36 U	0.36 U	9.0 U
0.67 I	4.3	**91.6**	**155**
0.69 I	1.7	17.2	47.7
2.1	**22.0**	**242**	**495**
6,600	NA	12,000	570
NA	NA	NA	NA
NA	NA	NA	NA

D-14

1/8/20	1/15/21	1/28/22
0.36 U	0.36 U	0.36 U
0.85 J	0.78 J	0.92 J
0.53 J	0.41 J	0.55 J
0.39 U	0.39 U	0.88 U
NA	NA	NA
NA	NA	NA
NA	NA	NA

S-10

10/24/19	1/10/20	4/9/20	11/9/20	1/14/21	4/12/21	7/9/21	10/21/21	1/27/22	4/21/22
0.50 U	0.36 U	0.36 U	0.43 J	0.36 U	0.36 U	0.60 I	0.36 U	0.81 J	1.0
624	**525**	**589**	**600**	**90.1**	**691**	**729**	**182**	**744**	**203**
336	**316**	**475**	**462**	**368**	**458**	**562**	**278**	**491**	77.9
264	**301**	**433**	**446**	**423**	**432**	**701**	**363**	**385**	**1,630**
2,900	2,800	NA	8,800	NA	4,600	3,400	6,400	2,800	1,900
11.2	9.9	13.9	11.2	11.5	10.9	11.1	11.1	10.9	10.8
9.4	6.7	NA	NA	NA	NA	7.8	3.9	NA	NA

D-10B

1/15/19	1/9/20	1/15/21	1/26/22
0.36 U	0.36 U	0.36 U	0.36 U
2.0	1.8	2.1	4.2
6.6	6.2	5.2	8.4
8.2	**5.5**	**8.0**	**13.9**
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA

D-11

1/17/19	1/8/20	1/13/21	1/28/22
0.36 U	0.36 U	0.36 U	0.36 U
0.75 I	0.53 J	0.41 J	0.97 J
1.2	1.1	0.85 J	0.81 J
2.0	**1.9**	**1.8**	**2.2**
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA

S-48R

7/9/19	10/24/19	1/8/20	4/9/20	11/9/20	1/14/21	4/12/21	7/9/21	10/21/21	1/26/22	4/21/22
0.36 U	0.50 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	3.6 U	0.36 U
41.4	36.1	**166**	**255**	**192**	**197**	**267**	**214**	**169**	**235**	**543**
131	**144**	**172**	**181**	**160**	**177**	**115**	**178**	**117**	**115**	**179**
98.0	**70.9**	**206**	**185**	**223**	**464**	**353**	**514**	**349**	**372**	**715**
4,500	3,300	5,100	NA	7,800	NA	2,400	6,200	5,300	4500	7,000
9.9	8.3	9.5	9.4	10.8	11.5	7.9	14.6	13.2	12.3	12.1
11.9	2.0 U	82.5	NA	NA	NA	NA	5.6	1.9 U	NA	NA

D-15

1/15/19	1/9/20	1/15/21	1/26/22
0.36 U	0.36 U	0.36 U	0.36 U
1.7	1.8	3.8	6.7
4.2	4.9	4.5	7.1
10.8	**10.5**	**12.3**	**16.5**
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA

D-10A

1/15/19	1/9/20	1/15/21	1/26/22
0.36 U	0.36 U	0.36 U	0.36 U
0.27 U	0.29 J	0.27 U	0.83 U
0.23 U	0.23 U	0.23 U	0.23 U
0.39 U	0.39 U	0.39 U	0.88 U
NA	NA	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA

D-7

1/17/19	7/8/19	1/8/20	1/13/21	7/8/21	1/28/22
0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1.9	1.3	0.71 J	0.87 J	0.62 J	1.4
16.1	10.5	13.2	9.0	9.3	6.6
2.2	**1.2**	0.79 J	0.73 J	0.39 U	0.88 U
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA

LEGEND

PROPERTY LINE

MONITORING WELL LOCATION

S-10	Well ID
1/13/2014	Date Sampled
3	TCE (TRICHLOROETHENE)
70	cis-1,2-DCE (DICHLOROETHENE)
100	TRANS-1,2-DCE (DICHLOROETHENE)
1	VC (VINYL CHLORIDE)
NA	METHANE
NA	TOC (TOTAL ORGANIC CARBON)
NA	BOD (BIOCHEMICAL OXYGEN DEMAND)

GROUNDWATER CLEANUP TARGET LEVEL

ESTIMATED LIMITS OF VOC IMPACTED GROUNDWATER

NOTE(S)

1.) ALL LOCATIONS ARE APPROXIMATE.

2.) EXCEPT FOR TOC & BOD, ALL UNITS ARE IN MICROGRAMS PER LITER (ug/L).

3.) TOC AND BOD ARE IN MILLIGRAMS PER LITER (mg/L).

4.) BOLD/SHADED VALUES INDICATES CONCENTRATION GREATER THAN GROUNDWATER CLEANUP TARGET LEVEL (GCTL), PER CHAPTER 62.777, FLORIDA ADMINISTRATIVE CODE.

5.) U - ANALYTE DETECTED BELOW QUANTITATION LIMITS.

6.) I - REPORTED VALUE IS BETWEEN THE LABORATORY METHOD DETECTION LIMIT AND THE LABORATORY PRACTICAL QUANTITATION LIMIT.

7.) Q - SUBJECT HELD BEYOND THE ACCEPTED HOLDING TIME.

8.) NA - NOT ANALYZED.

SCALE 0 50 100 FEET

CLIENT
EXIDE ENVIRONMENTAL RESPONSE TRUST

CONSULTANT
WSP GOLDER

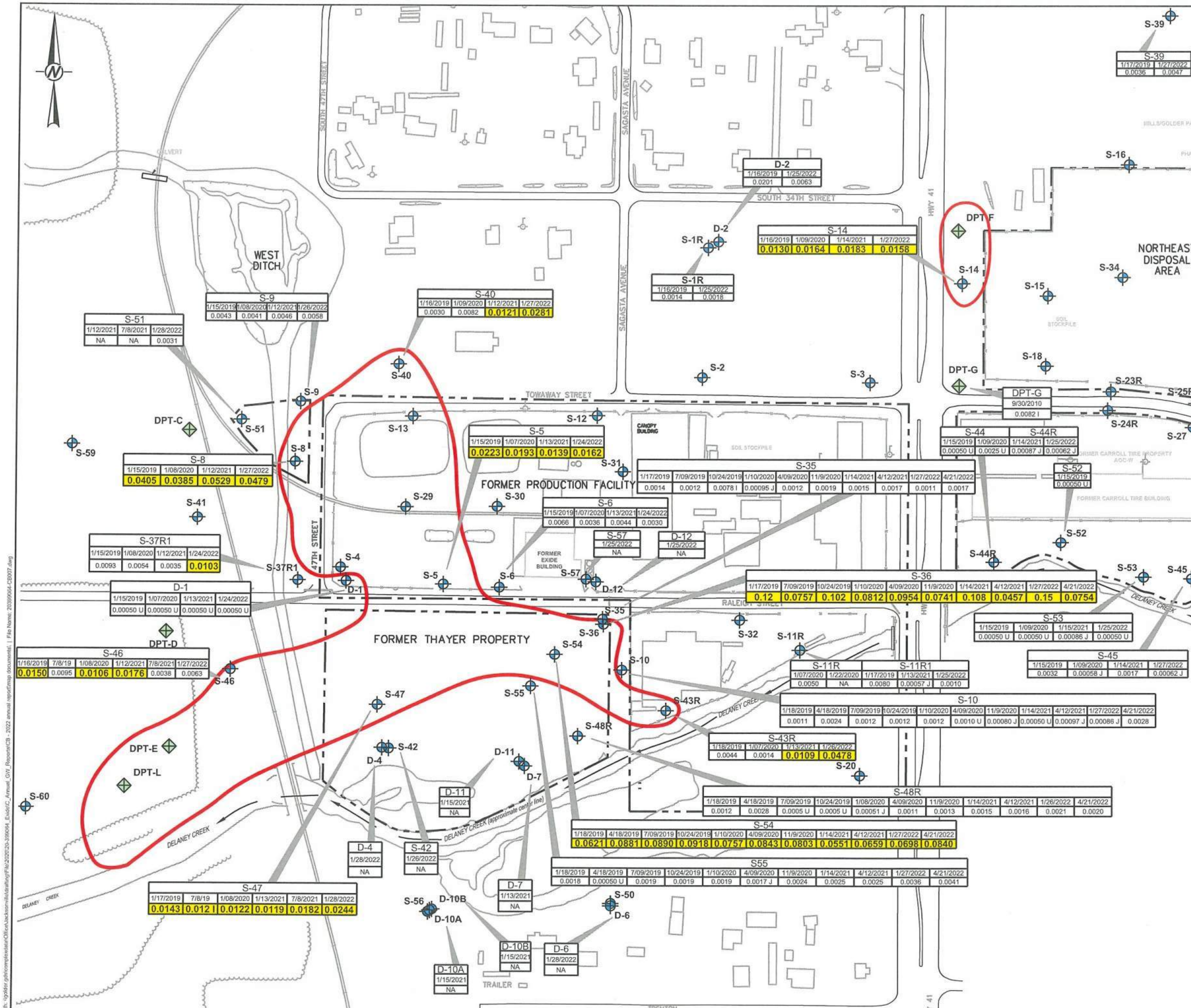
YYYY-MM-DD	2022-06-07
DESIGNED	JWT
PREPARED	BCL
REVIEWED	.
APPROVED	.

PROJECT
EXIDE ENVIRONMENTAL RESPONSE TRUST
TAMPA, HILLSBOROUGH COUNTY, FLORIDA

TITLE
ORGANIC ANALYTICAL SUMMARY

PROJECT NO.	Control No.	REV.	FIGURE
20-399064	20399064-CB006		6

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



LEGEND

- PROPERTY LINE
- UPPER SURFICIAL AQUIFER MONITORING WELL LOCATION
- DIRECT PUSH TECHNOLOGY (DPT) SAMPLE LOCATION
- S-41 / 4/13/2015 / 0.01 — WELL ID / DATE SAMPLED / ARSENIC CONCENTRATION
- GROUNDWATER CLEANUP TARGET LEVEL (GCTL)
- ARSENIC EXCEEDANCE ABOVE GCTL (DASHED WHERE INFERRED)

NOTE(S)

1.) ALL LOCATIONS ARE APPROXIMATE.

2.) ALL UNITS ARE IN MILLIGRAMS PER LITER (mg/L).

3.) BOLD/SHADED VALUES INDICATES CONCENTRATION GREATER THAN APPLICABLE GROUNDWATER CLEANUP TARGET LEVEL (GCTL), PER CHAPTER 62.777, FLORIDA ADMINISTRATIVE CODE.

4.) U - ANALYTE DETECTED BELOW QUANTITATION LIMITS.

5.) I - REPORTED VALUE IS BETWEEN THE LABORATORY METHOD DETECTION LIMIT AND THE LABORATORY PRACTICAL QUANTITATION LIMIT.

6.) V - INDICATES THAT THE ANALYTE WAS DETECTED IN BOTH THE SAMPLE AND ASSOCIATED METHOD BLANK.

7.) NA - NOT APPLICABLE OR NOT ANALYZED.

8.) J - ESTIMATED VALUE.

0 100 200 SCALE FEET

CLIENT
EXIDE ENVIRONMENTAL RESPONSE TRUST

CONSULTANT: WSP GOLDER

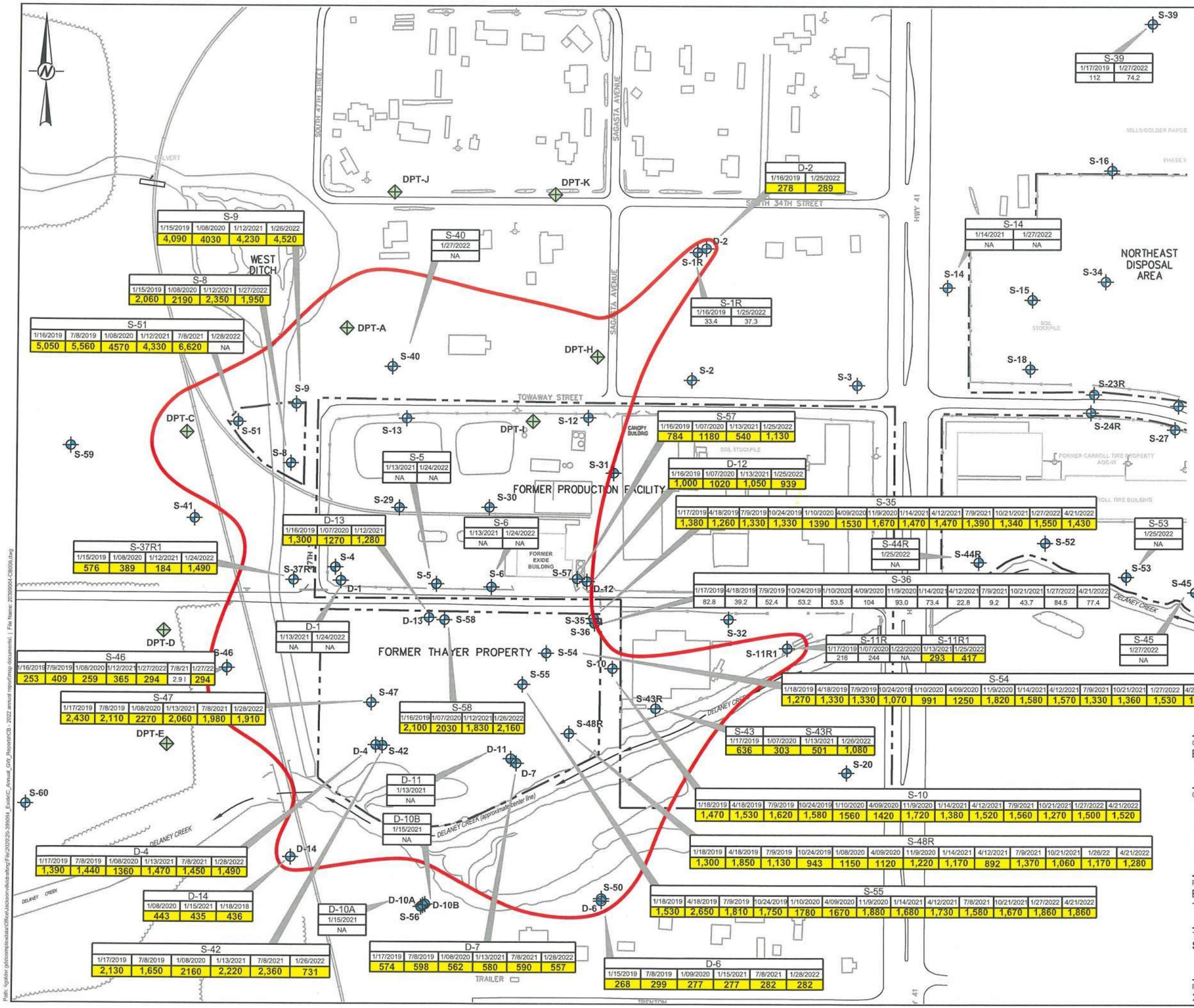
YYYY-MM-DD	2022-06-07
DESIGNED	JWT
PREPARED	BCL
REVIEWED	-
APPROVED	-

PROJECT
EXIDE ENVIRONMENTAL RESPONSE TRUST
TAMPA, HILLSBOROUGH COUNTY, FLORIDA

TITLE
ARSENIC ANALYTICAL SUMMARY

PROJECT NO.	Control No.	REV.	FIGURE
20-399064	20399064-CB007		7

1in — IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



NOTE(S)

1.) ALL LOCATIONS ARE APPROXIMATE.

2.) ALL UNITS ARE IN MILLIGRAMS PER LITER (mg/L).

3.) BOLD/SHADED VALUES INDICATES CONCENTRATION GREATER THAN APPLICABLE GROUNDWATER CLEANUP TARGET LEVEL (GCTL), PER CHAPTER 62.777, FLORIDA ADMINISTRATIVE CODE.

4.) NA - NOT APPLICABLE OR NOT ANALYZED.

5.) V - INDICATES THAT THE ANALYTE WAS DETECTED IN BOTH THE SAMPLE AND ASSOCIATED METHOD BLANK.

CLIENT
EXIDE ENVIRONMENTAL RESPONSE TRUST

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-06-07
DESIGNED	JWT
PREPARED	BCL
REVIEWED	.
APPROVED	.

PROJECT
EXIDE ENVIRONMENTAL RESPONSE TRUST
TAMPA, HILLSBOROUGH COUNTY, FLORIDA

TITLE
SULFATE ANALYTICAL SUMMARY

PROJECT NO.	Control No.	REV.	FIGURE
20-399064	20399064-CB008		8

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in

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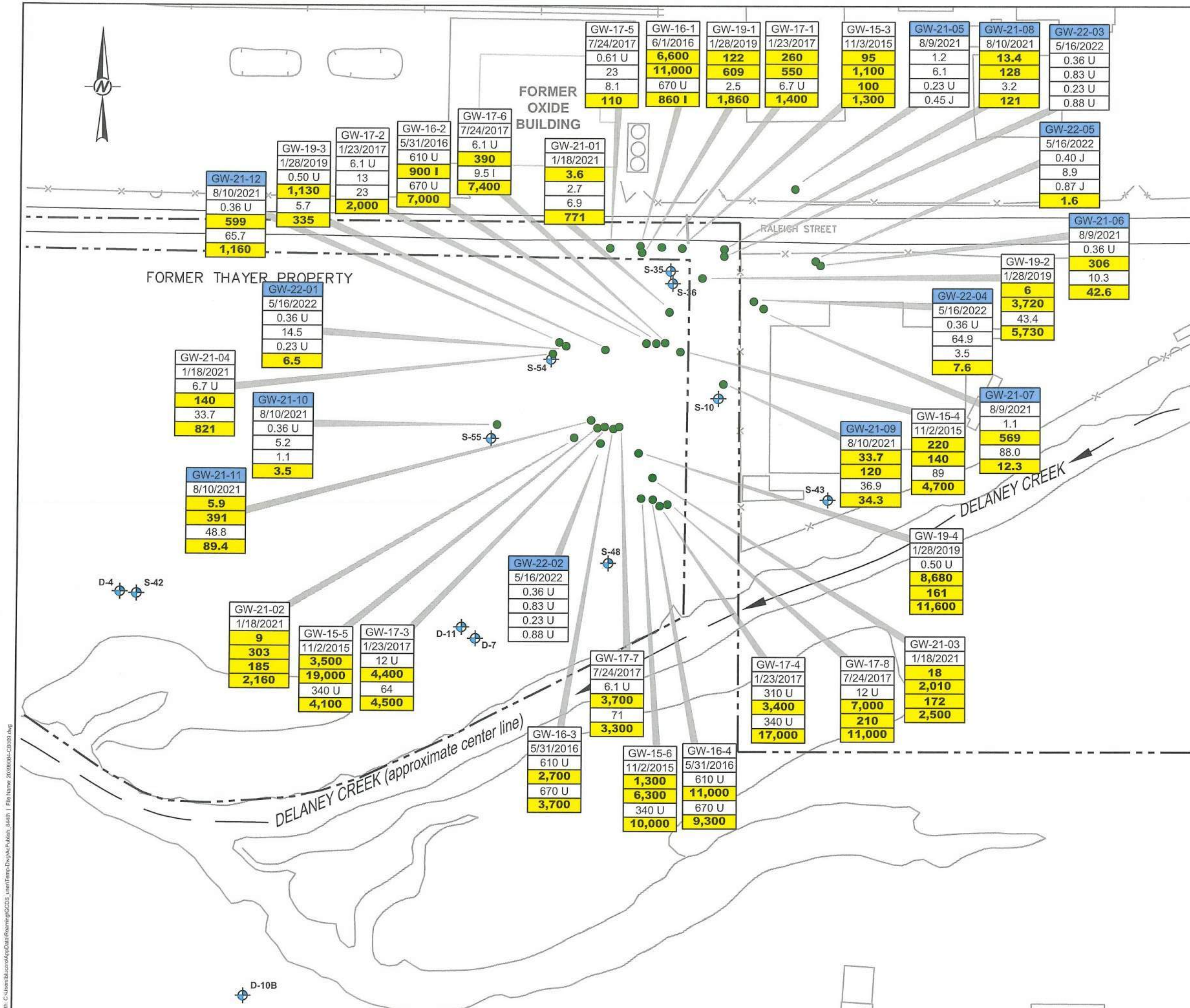


LEGEND

— - — PROPERTY LINE

MONITORING WELL LOCATION

DPT GROUNDWATER SAMPLING LOCATION

GW-14-1	Well ID
1/14/2014	Date Sampled
3	TCE (TRICHLOROETHENE)
70	cis-1,2-DCE (DICHLOROETHENE)
100	TRANS-1,2-DCE (DICHLOROETHENE)
1	VC (VINYL CHLORIDE)

GROUNDWATER CLEANUP TARGET LEVEL

NOTE(S)

1.) ALL LOCATIONS ARE APPROXIMATE.

2.) ALL UNITS ARE IN MILLIGRAMS PER LITER (mg/L).

4.) BOLD/SHADED VALUES INDICATES CONCENTRATION GREATER THAN GROUNDWATER CLEANUP TARGET LEVEL (GCTL), PER CHAPTER 62.777, FLORIDA ADMINISTRATIVE CODE.

5.) U - ANALYTE DETECTED BELOW QUANTITATION LIMITS.

6.) I - REPORTED VALUE IS BETWEEN THE LABORATORY METHOD DETECTION LIMIT AND THE LABORATORY PRACTICAL QUANTITATION LIMIT.

7.) J - ESTIMATED VALUE.

8.) Q - SUBJECT HELD BEYOND THE ACCEPTED HOLDING TIME.

9.) NA - NOT ANALYZED.

0 40 80
SCALE FEET

CLIENT
EXIDE ENVIRONMENTAL RESPONSE TRUST

CONSULTANT

WSP GOLDER

YYYY-MM-DD	2022-06-07
DESIGNED	JWT
PREPARED	BCL
REVIEWED	.
APPROVED	.

PROJECT
EXIDE ENVIRONMENTAL RESPONSE TRUST
TAMPA, HILLSBOROUGH COUNTY, FLORIDA

TITLE
DPT GROUNDWATER SAMPLING LOCATIONS WITH HISTORICAL DATA

PROJECT NO.	Control No.	REV.	FIGURE
20-399064	20399064-CB009		9

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

August 5, 2022 Project No. GL20399064

Ms. Amber Igoe, CHMM
Florida Department of Environmental Protection
2600 Blair Stone Road, MS4560
Tallahassee, FL 32399-2400

RE: PHASE 4 REMEDIATION COMPLETION REPORT
EXIDE ENVIRONMENTAL RESPONSE TRUST
EPA IDENTIFICATION NO.: FLD 000 608 083
RCRA POST CLOSURE PERMIT 34763-HF-004
TAMPA, FLORIDA

Dear Ms. Igoe:

Golder Associates USA Inc. (Golder) is submitting this Phase 4 Remediation Completion Report to the Florida Department of Environmental Protection (FDEP) on behalf of Exide Environmental Response Trust (EERT), for the above-referenced facility (the site). The first three phases (Phases 1, 2, and 3) of remediation consisted of soil and sediment remediation west of US Highway 41 (US 41) and west of US 41 and south of 36th Avenue South performed from 2017 to 2019 pursuant to the referenced permit and affiliated FDEP-approved correspondence. Phase 4 consisted of remediation specified in the FDEP-approved Remedial Action and Redevelopment Plan dated July 28, 2014 for the area east of US 41 and north of 36th Avenue South, with the addition of 0.5-acres of wetland and the Federal Emergency Management Agency (FEMA) floodway located in the northeastern portion of Phase 3. Waste consolidation and/or capping was not performed in the FEMA floodway as regulations prohibit increasing the elevation of the floodway without additional assessment and permitting. The following documents were submitted to and reviewed by FDEP prior to and during implementation: Phase 4 Remediation Update (February 26, 2020) and Proposed Well Abandonment/Replacement for Phase 4 Remediation (August 23, 2019). A site plan is included as Figure 1.

BACKGROUND INFORMATION

Regulatory and technical background information has been provided over the years in the form of reports or other documents regarding soil/sediment investigations, remedial action plan development, and permit application submittals. Such previously provided information or documentation is not provided herein.

Based on previous investigations, Phase 4 remediation was divided into different areas shown on Figure 2 and are as follows: Areas 1-3; 36th Avenue South right-of-way (north edge); Sub Area 5 (East Ditch); and the southeastern wetland (northeast corner of Phase 3).

Golder Associates USA Inc.
9428 Baymeadows Road, Suite 400, Jacksonville, Florida, USA 32256 T: +1 904 363-3430 F: +1 904 363-3445

SOIL REMOVAL AND CONSOLIDATION ACTIVITIES

Permitting and Establishment of Remediation Area Boundaries

The following permits were obtained prior to commencement of the field activities:

- FDEP Environmental Resource Permit (ERP) No. 29-015251-004, dated May 6, 2015;
- Nationwide Permit Number 38 and specific conditions issued by the US Army Corps of Engineers on November 25, 2015 (File No. SAJ-1999-01697);
- Environmental Protection Commission Wetland Impact Authorization #62846 dated March 3, 2017, and concurrence on Port of Tampa's Minor Work Permit dated March 3, 2017;
- Port Tampa Bay Minor Work Permit No. 17-001 for Exide Technologies Sediment Remediation and Restoration Project, dated March 21, 2017;
- Hillsborough County Natural Resources Permit No. 47793, dated April 30, 2021;
- Hillsborough County Right-of-Way Permit No. ROW27980, dated May 19, 2020 (exp. Dec. 2, 2022);
- Tampa Bay Mitigation Bank - Permit No. 43020546.042; and
- Port Tampa Bay access agreement dated March 21, 2017.

A professional land surveyor (SurvTech Solutions, Inc.) was subcontracted to complete a pre-elevation survey of Area 1-3, east ditch (sub-area 5), 36th Avenue South right-of-way (north edge), and the FEMA Floodway and the southeast wetland.

Mobilization and Installation of Erosion and Sedimentation Controls

Remediation Services, Inc. (RSI) of Independence, Kansas performed Phases 1, 2, and 3 of the remediation and was chosen as the contractor to perform the construction tasks of Phase 4. Mobilization and on-site clearing began on November 1, 2021. Sedimentation and erosion controls included installation of silt fence, turbidity barriers (floating), and Erosion Eels (silt fence comparable substitution), which are intended to prevent migration of soil/sediment particles outside the work areas and to limit turbid water from entering surface waters. Silt fencing was installed generally around the perimeter of work areas with the exception of the east ditch. The floating turbidity barrier was installed along the southern edge of the wetland area and the Erosion Eels were installed along the bank of the east ditch (sub-area 5). Approximate locations and general types of sedimentation controls were included in the approved ERP.

SITE CLEARING AND WELL ABANDONMENT

Following installation of erosion and sedimentation controls, site clearing removed vegetation from planned excavation areas. Stockpiled vegetation that was not mowed/ground up was transported offsite as non-hazardous waste. Mowed/ground up vegetation not sent off site remained in place where it was ground up. The site entrance/exit was comprised of imported aggregate in effort to minimize tracking of material onto 36th Avenue South.

During construction eight monitoring wells were abandoned (P-1, D-3, S-18, S-23, S-25, S-28, S-33, and S-34) under the direction of a licensed driller (Donald Burton #7403). Written approval to abandon these wells was issued by the FDEP on October 16, 2019. Abandonment of these monitoring wells was necessary as they were in planned soil excavation or consolidation areas. Abandoned monitoring wells were filled with grout via the tremie method.

Abandonment at each well was deemed complete when grout returned to the surface at each location (see attached photo log). Monitoring wells S-18R, S-33R, and D-3R were replaced on July 28-29, 2022. Information regarding installation of these three wells is provided in the Site Restoration and Monitoring Well Installation section below.

SOIL REMOVAL AND RELOCATION

The consolidation area (Area 1) was cleared prior to placement of excavated/relocated soil and battery casings. The soil and battery casings were spread and graded across the footprint of the consolidation area to minimize the elevation of the Consolidation Area and graded to drain and preclude ponding of storm water. Site features for this area are shown on Figure 2. A photograph log of this area is attached and shows before, during, and after completion photographs.

Four areas were either excavated or moved to the on-site waste consolidation area or within the wetland boundary. These include the waste pile that was stored underneath a cover within Area 3, the 36th Avenue South (north edge) right-of-way, the east ditch (sub-area 5), and the FEMA Floodway and southeastern wetland. Approximate volumes transported, excavated and consolidated are summarized below:

- The above grade covered soil pile within Area 3 – 9,683 cubic yards.
- The 4-foot excavation along the north edge of 36th Avenue South – 1,880 cubic yards.
- The east ditch (sub-area 5) – 2,167 cubic yards.
- FEMA Floodway and southeastern wetland – 1,100 cubic yards.

SITE RESTORATION AND MONITORING WELL RE-INSTALLATION

The FEMA Floodway and southeastern wetland was backfilled with imported clean fill and topsoil. Backfill and topsoil was placed using conventional earth moving equipment and was graded as necessary to generally match surrounding grades. After backfilling, the southeastern wetland area was replanted in accordance with the FDEP ERP Specific Conditions 13 to 23, and USACE Nationwide Permit “On-Site Restoration” requirements. Replanting was conducted by The Natives, a specialty wetland restoration subcontractor. ERP and USACE-permit required periodic vegetation monitoring includes submission of monitoring reports detailing the condition of the restoration areas relative to the prescribed success criteria as required by the FDEP and USACE, as well as documentation of proposed corrective actions to be implemented to achieve success criteria, if necessary. Mitigation included the installation of a combination of grasses, soft rush, and black needle rush on 2-foot centers to re-establish the vegetation removed during excavation activities along the east ditch and southeastern wetland.

Restoration areas will be deemed successful when USACE and FDEP staff have determined that the nuisance/exotic species density does not exceed the densities in adjacent undisturbed wetlands, percent desirable wetland species at 33 percent or greater, wetland species reproducing naturally, and in the time prescribed (USACE criteria must be met within 18 months) and total contribution to percent cover by non-native wetland species and species not listed in 62-340.450, F.A.C. shall be maintained below 5% (FDEP criteria must be met within 3 years). The “time zero” monitoring event was conducted on July 11, 2022.

The Waste Consolidation and Redevelopment Areas were capped with a nonwoven warning geotextile (Propex GEOTEX OR DND), 1.5 feet of clean fill and 0.5 feet of topsoil. Backfill and topsoil was placed using conventional earth moving equipment and was graded to generally match surrounding grades. After backfilling, the slopes were sodded and flat portions of the site were seeded. The 36th Avenue South right-of-way (north of the edge of pavement

or westbound shoulder) was backfilled with imported clean fill and topsoil. As specified in the Phase 4 Remediation Update, the soil in the right-of-way was compacted with a vibratory roller and sodded. A final survey is shown on Figure 3.

Replacement monitoring wells S-18R, S-33R, and D-3R were installed in nominal 8-inch diameter boreholes drilled via hollow-stem auger by Preferred Drilling Services (PDS) on July 28-29, 2022. The 2-inch diameter wells were installed to a total depth of 18 feet below ground surface (bgs) (MW-18R), 16 feet bgs (MW-33R), and 63 feet bgs (D-3R) with 5 feet (shallow) or 10 feet (deep) of Schedule 40 polyvinyl chloride (PVC) machine--slotted well screen (0.010-inch slot size). Following installation, the borehole annulus was filled with a 20/30 sand filter pack from the bottom to approximately 2 feet above the screened interval, a 2-foot-thick section of 30/65 fine sand seal, and grout to the surface. The wells were completed with a locking well cap and finished generally flush to ground surface within an 8-inch diameter manhole encased in a 2-foot by 2-foot concrete well pad. The monitoring well installation logs are included as an attachment and will be surveyed during a subsequent field event.

Fence Installation and Warning Signs

New fencing and warning signs were installed around the majority of the site. Temporary fencing previously installed along a section of Delaney Creek during the 2019 Phase 3 construction was also replaced with new permanent fencing.

Analytical Results

Samples of backfill and topsoil were sent for laboratory analysis of RCRA 8 metals, pesticides, and herbicides prior to placement. The data did not show exceedances above applicable standards. Laboratory reports are attached.

Health and Safety

A project-specific Health and Safety Plan (HASP) was developed for the site as part of previous assessment and remediation work that has been completed at the site. This plan was reviewed and updated prior to initiating soil removal work. Work was performed in Level D personal protective equipment (e.g., hardhat, safety glasses, hearing protection, steel-toed boots, and gloves). No health and safety incidents occurred during Phase 4.

SUMMARY AND RECOMMENDATIONS

Golder mobilized to the site on November 1, 2021, to initiate soil excavation and consolidation. Completed activities are summarized as follows:

- The Waste Consolidation and Redevelopment Areas were cleared and erosion controls consisting of silt fencing, Erosion Eels, and staked/floating turbidity barriers were subsequently installed.
- The right-of-way adjacent to 36th Avenue South (north edge) has been remediated to a depth of at least 4 feet where possible in effort to accommodate installation of potential future buried utilities.
- Approximately 15,010 cubic yards of waste/soil was excavated and/or moved to the on-site Waste Consolidation area. The Waste Consolidation and Redevelopment areas were covered with warning fabric, 1.5 feet of clean fill, 0.5 feet of topsoil, and sodded or seeded. The areas are shown on Figure 2.
- Mitigation included the installation of a combination of grasses, soft rush, and black needle rush on 2-foot centers to re-establish the vegetation removed during excavation activities along the east ditch and southeastern wetland.

- Time-zero monitoring was conducted on July 11, 2022, for the replanted areas as required by the FDEP ERP and USACE permits, and periodic monitoring is scheduled pursuant to the ERP and USACE permit.
- New fencing and warning signs were installed around most of the site.

Following completion of site restoration activities, RSI and Golder secured the site and subsequently demobilized during the week of April 30, 2022.

If you have any questions about this Phase 4 Remediation Completion Report or require additional information, please do not hesitate to call us at (904) 363-3430.

Sincerely,

Golder Associates USA Inc.

Gregory A. O'Neal II, PG
Lead Consultant, Hydrogeologist

Donald J. Miller
Senior Director, Engineer

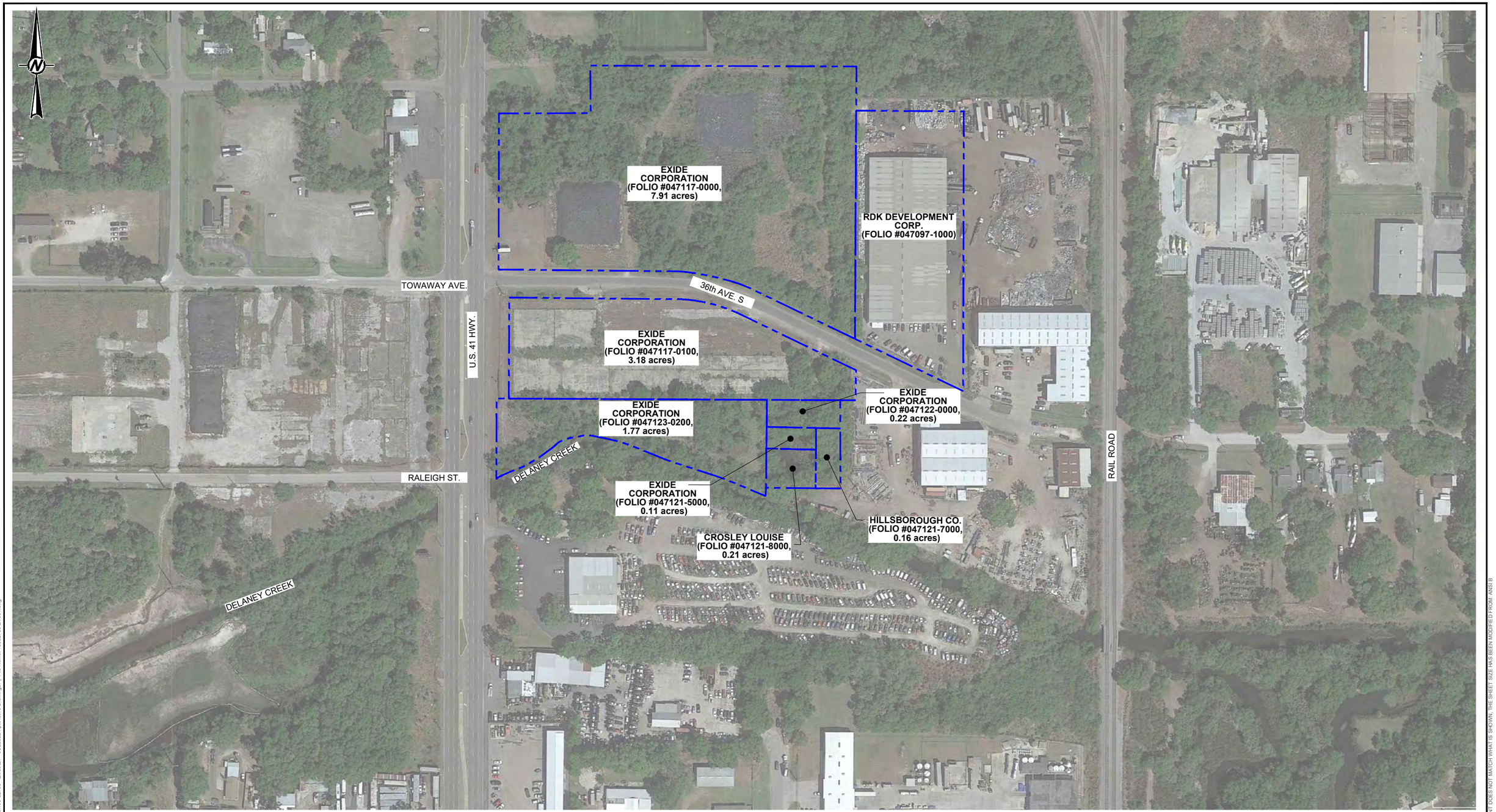
RMW/DJM/GAO/as

CC: Ken Hewlett – Exide Environmental Response Trust
Jacob Collins, PE – Exide Environmental Response Trust

Attachments: Figure 1 – Site Layout
Figure 2 – Site Plan
Figure 3 – Site Grading Plan
Attachments: Photographic Log; Monitoring Well Installation Logs, Analytical Results

https://golderassociates.sharepoint.com/sites/136277/Project Files/6 Deliverables/Phase 4 Remediation Completion Report/Exide Phase 4 Completion Report.docx

FIGURES



REFERENCE(S)

1. AERIAL IMAGERY SOURCE: GOOGLE EARTH PRO 2010, IMAGE DATED 03.15.18. IMAGE GEOREFERENCED BY GOLDER AND INTENDED FOR INDICATIVE PURPOSES ONLY.

LEGEND

APPROXIMATE PROPERTY BOUNDARY

CLIENT
EXIDE ENVIRONMENTAL RESPONSE TRUST

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-07-01
DESIGNED	BMW
PREPARED	BCL
REVIEWED	BMW
APPROVED	BMW

PROJECT
PHASE 4 REMEDIATION COMPLETION
TAMPA, HILLSBOROUGH COUNTY, FLORIDA

TITLE
SITE LAYOUT

PROJECT NO.	Control No.	REV.	FIGURE
103-82700	10382700-ZY001		1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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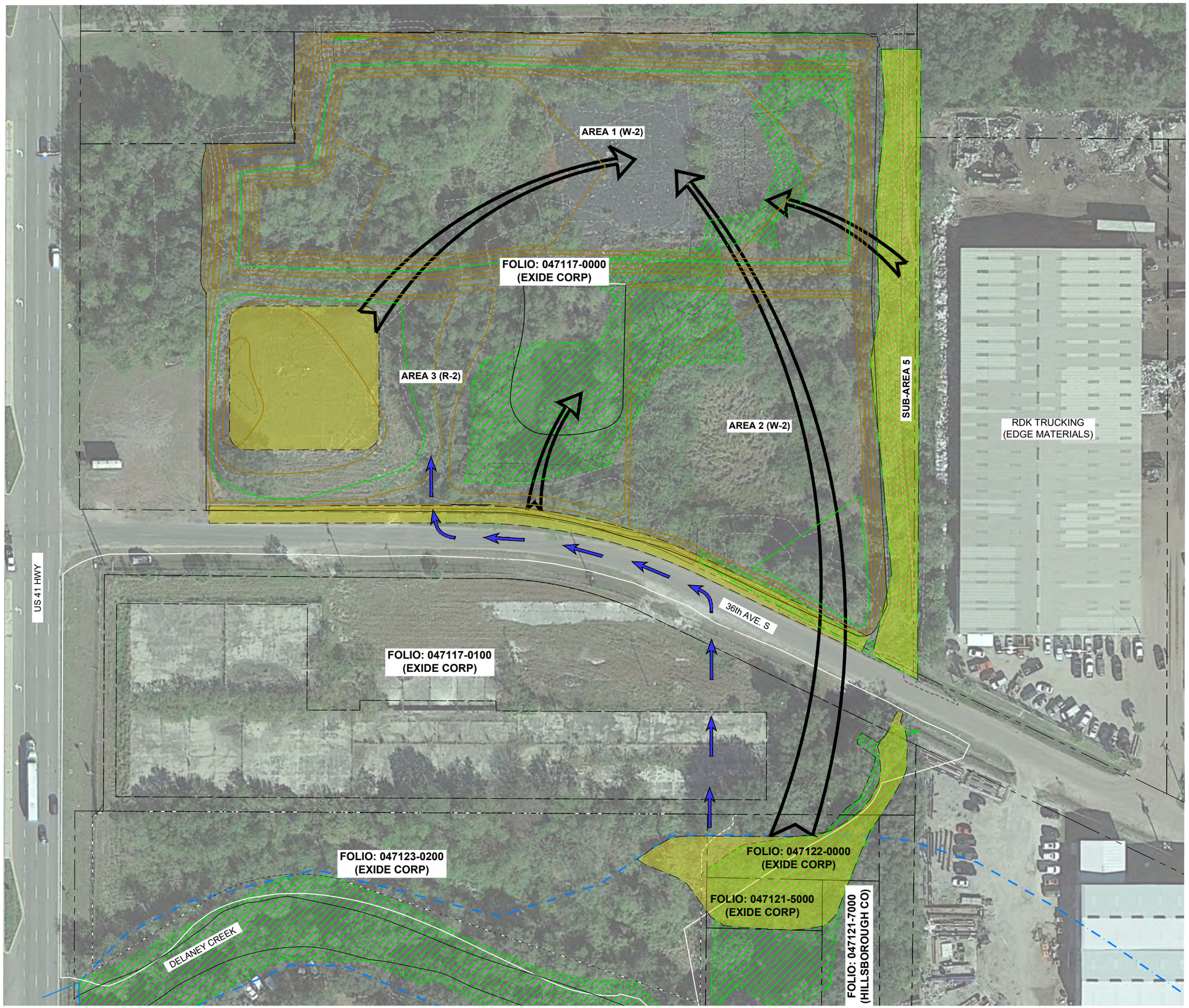

LEGEND

- 4.0 — EXISTING TOPOGRAPHIC CONTOURS
- 10 — PROPOSED TOPOGRAPHIC CONTOURS
- WETLANDS BOUNDARY
- ZONE AE (DATA FROM FEMA FIRM PANEL #12057C0367H, EFFECTIVE DATE: 08/28/2008).
- IN PLACE IMPACTED MATERIAL TO BE MOVED
- MOVEMENT OF IMPACTED MATERIALS
- TRUCK HAUL ROUTE ACROSS COUNTY ROAD 36th AVENUE SOUTH

N

0 45 90
SCALE FEET

REFERENCE(S)

1. AERIAL IMAGERY SOURCE: GOOGLE EARTH PRO 2010, IMAGE DATED 01.09.19. IMAGE GEOREFERENCED BY GOLDER AND INTENDED FOR INDICATIVE PURPOSES ONLY.
2. EXISTINGTOPOGRAPHIC CONTOURS SOURCE: SURVTECH SOLUTIONS, INC., DATED 10/07/19
3. PROPERTY BOUNDARY TAKEN FROM FLORIDA DEPARTMENT OF REVENUE (2017).

CLIENT
EXIDE ENVIRONMENTAL RESPONSE TRUST

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-07-01
DESIGNED	BMW
PREPARED	BCL
REVIEWED	BMW
APPROVED	BMW

PROJECT
PHASE 4 REMEDIATION COMPLETION
TAMPA, HILLSBOROUGH COUNTY, FLORIDA

TITLE
SITE PLAN

PROJECT NO.	Control No.	REV.	FIGURE
103-82700	10382700-ZY002		2

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CIVIL 3D CALCULATIONS				
Location	Area (sq.ft.)	2' Cap volume (CY)	Waste Volume (CY)	Total Fill Volume (CY)
AREA 1	119,292	8,836	5,206	14,042
AREA 2 & 3	136,030	10,076	0	10,076
TOTAL	255,322	18,913	5,206	24,119

LEGEND

- EXISTING TOPOGRAPHIC CONTOURS
- PROPERTY BOUNDARY
- PROPOSED CONTOURS
- GATE LOCATION
- FENCELINE
- PROPOSED SWALE
- PROPOSED SWALE ELEVATION

N

0 40 80
SCALE FEET

REFERENCE(S)

1. EXISTING TOPOGRAPHIC CONTOUR DATA TAKEN FROM REMEDIATION SERVICES, INC. (RSI). DATED 12-04-21.
2. BOUNDARY SURVEY DATA TAKEN FROM SURVTECH SOLUTIONS, INC., DATED OCTOBER 11, 2019.
3. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD - 0.876 FT.

NOTE(S)

1. PRELIMINARY 10/26/2018 NATIONAL FLOOD INSURANCE PROGRAM FIRM STIPULATES A BFE INCREASE TO 12' NAVD88.
2. ENTIRE SITE LIES WITHIN ZONE AE PER FIRM PANEL #12057C0367H. BFE = 10' NAVD88.
3. PROPOSED SWALES AND OTHER EXISTING CONVEYANCES THAT ARE DISTURBED SHALL BE STABILIZED WITH PERMANENT VEGETATIVE COVER.

CLIENT
EXIDE ENVIRONMENTAL RESPONSE TRUST

CONSULTANT
wsp GOLDER

YYYY-MM-DD	2022-07-01
DESIGNED	BMW
PREPARED	BCL
REVIEWED	BMW
APPROVED	BMW

PROJECT
PHASE 4 REMEDIATION COMPLETION
TAMPA, HILLSBOROUGH COUNTY, FLORIDA

TITLE
SITE GRADING PLAN

PROJECT NO.	Control No.	REV.	FIGURE
103-82700	10382700-ZY003		3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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EDM 7 – Foy's Transport Tire Service

(Former Coastal Mart #628)

3411 South 50th Street

ENVISORS
ENGINEERS | PLANNERS | SURVEYORS
A Pennoni Company

Envisors-Ensouth Joint Venture, LLC
2105 Dundee Road
Winter Haven, FL 33883
(863) 324-1112

Envirosouth

April 30, 2021
Revised May 18, 2021

Blake Martino, Site Manager
Environmental Protection Commission of Hillsborough County
3629 Queen Palm Drive
Tampa, Florida 33619

Subject	|	Supplemental Site Assessment Report
Project	|	Coastal Mart #628 3411 S 50TH St Tampa, Hillsborough County, FL FDEP Facility ID #: 298627391 P.O. No. B7CA8D PRP Reference No. 752-067A
EVI No.	|	75213001

Dear Mr. Martino,

Envisors-Ensouth Joint Venture, LLC (EEJV) has prepared this Supplemental Site Assessment Report (SSAR) in accordance with F.A.C. Chapter 62-780 to document site assessment activities conducted in Task 3 of Purchase Order (PO) B7CA8D. A figure depicting the location of the facility on a USGS topographic map is provided as **Figure 1**. A site plan of the facility including monitoring well locations is included as **Figure 2**.

1.0 Site History

The site was previously a retail gasoline station; currently, Foy's Tire is operating at the site. The petroleum-storage system at the Site consisted of three underground storage tanks (USTs), which reportedly contained in unleaded gasoline. The USTs had capacities of 2,000 gallons, 3,000 gallons, and 4,000 gallons. An additional unregistered 2,000-gallon UST containing an unknown product was located in the UST area. On December 30, 1988, a discharge was reported at the site after a manual test of the monitoring wells. The amount of product discharged is unknown.

In May 1991, Environmental Solutions and Services, Inc. (ESSI) removed the four USTs from the Site. Approximately 50 cubic yards of petroleum-contaminated soil was excavated and hauled off site for disposal during the UST-closure activities. In May 1993, ESSI conducted a soil boring program to delineate the extent of the petroleum-affected soil. In July 1993, ESSI conducted

Interim Remedial Action activities; approximately 325 tons of petroleum-affected soil was excavated at the site. The depth of the excavation extended to approximately 4.5 feet below ground surface (bgs), where the groundwater was encountered.

In December 1994, Omega Environmental (Omega) advanced 19 soil borings using a hand auger to determine the presence of petroleum contamination in the vadose zone. In January 1995, two additional soil borings were advanced to complete the delineation of the petroleum-affected soil, which was identified in the former UST area and to the southeast of the store building at a depth of 3 feet below land surface (bls). Reportedly, the distribution of soil contamination was the result of groundwater fluctuation.

Between June 1993 and December 1994, Omega installed 18 monitoring wells to delineate the extent of the petroleum-affected groundwater. The highest level of contamination was detected in monitoring well MW-1, which is located in the former UST area. The next highest level of contamination was detected in monitoring well MW-10, which is located approximately 25 feet southeast and downgradient of the former UST pit. No petroleum constituents were detected above applicable cleanup target levels in the vertical-extent monitoring well DMW-17 during the last groundwater sampling event conducted in January 1995.

On May 15, 2013 Arcadis submitted a Site Characterization Screening (SCS) Report. On April 1, 2013, ARCADIS personnel advanced seven soil borings (SB-1 through SB-7) using a stainless steel hand auger. ARCADIS was originally tasked to advance one soil boring within the former UST pit. Soil samples were collected in 1-foot intervals to an approximate depth of 7 feet bgs for lithologic description and headspace screening. Laboratory analysis was performed on soil samples (SB-1 @ 4' and SB-4 @ 4'). The laboratory results indicated that the concentrations of the analyzed constituents in the soil samples collected from SB-1 and SB-4 were below applicable Soil Cleanup Target Levels (SCTLs) pursuant to Chapter 62-777, Florida Administrative Code. However, even though the individual target analytes were below their respective SCTLs, the total benzo(a)pyrene equivalents exceeded the residential direct-exposure SCTLs. On April 2, 2013, ARCADIS personnel collected groundwater samples from six monitoring wells at the site (MW-1, MW-9, MW-10, MW-11, MW-14, and MW-16). The laboratory reported Naphthalene above the FAC Ch. 62-777 Groundwater Cleanup Target Levels at MW-10 (Naphthalene-40 ug/l).

On July 1, 2015 FER and Groundwater Protection, Inc. installed three (3) shallow (2", Total Depth-12', screen interval-2-12') and one (1) deep (2", Total Depth-30', screen interval-25-30') monitoring wells. One soil analytical sample was obtained at DW-17 @ 3' bls for analysis using EPA Methods 8260 (BTEX & MTBE), 8270 (PAH's) and FL-PRO. The laboratory reported all parameters analyzed for below the FAC Ch. 62-777 Soil Cleanup Target Levels. FER obtained groundwater samples at monitoring wells MW-1, MW-12R, MW-13R, MW-15R and DW-17R for analysis using Methods 8260 (BTEX & MTBE) and 8270 (PAH's). Monitoring wells MW-1 was also analyzed using EPA Method 6010 (Total Lead). Monitoring wells MW-14, MW-16 and MW-18 could not be located for groundwater sampling. The laboratory reported groundwater parameters analyzed for above the FAC Ch. 62-777 Groundwater Cleanup Target Levels at monitoring well MW-1 (Total Lead-18 ug/l).

On August 10, 2016, FER and Groundwater Protection, Inc. re-installed three (3) shallow (2", Total Depth-12', screen interval-2-12') monitoring wells (MW-3R, MW-4R & MW-10R. Soil organic vapor analysis was performed on the soil samples at one foot intervals to four feet bls and at two foot intervals thereafter. Shallow groundwater was observed at approximately 3-4' bls during soil boring activities. Soil organic vapor readings were observed at <10 ppm in the vadose zone. Soil organic vapor analysis was observed above 10 ppm (Highest OVA Reading @ MW-10R @ 4'- 650 ppm) in the smear zone.

On August 19, 2016, and March 14, 2017, FER personnel obtained groundwater samples at monitoring wells MW-1, MW-3R, MW-4R, MW-10R, MW-12R, MW-13R, MW-15R and DW-17R for analysis as per the purchase order. Please note that FER did not obtain a groundwater sample for analysis using EPA Method 8260 (BTEX W/ MTBE) as per the approved change order #2. This was an oversight on our part. The laboratory reported groundwater parameters analyzed for above the FAC Ch. 62-777 Groundwater Cleanup Target Levels at monitoring well MW-10R (8/19/16-Ethylbenzene-260 ug/L, Napthalene-110 ug/L, 1-Methylnaphtahlene-37 ug/L, 2-Methylnaphtahlene-37 ug/L; 3/14/17-Napthalene-620 ug/L, 1-Methylnaphtahlene-120 ug/L, 2-Methylnaphtahlene-140 ug/L). One parameter was reported by the laboratory above the Natural Attenuation Default Concentrations in monitoring well MW-10R (3/14/17-Napthalene-620 ug/L).

On May 5, 2017, FER personnel obtained groundwater samples at monitoring well MW-10R for analysis using EPA Method 8260 (BTEX W/ MTBE) as per the approved change order #2. The manhole cover was also replaced for monitoring well MW-15. The laboratory reported groundwater parameters analyzed for above the FAC Ch. 62-777 Groundwater Cleanup Target Levels at monitoring well MW-10R (5/5/17-Ethylbenzene-240 ug/L, Total Xylenes-310 ug/L). One parameter was reported by the laboratory above the Natural Attenuation Default Concentrations in monitoring well MW-10R (5/5/17-Total Xylenes-310 ug/L).

On 8 April 2020, EEJV personnel obtained groundwater samples at monitoring well MW-10R, MW-12R, MW-14R, and MW-16R for laboratory analysis for benzene, toluene, ethylbenzene, total xylenes, and methyl-tert-butyl-ether (BTEX/MTBE) by EPA Method 8260B and polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270C. The laboratory reported groundwater parameters analyzed for above the FAC Ch. 62-777 Groundwater Cleanup Target Levels at monitoring well MW-10R (4/8/20-1-Methylnaphthalene-54 ug/L and 2-Methylnaphthalene -57 ug/L), monitoring well MW-14R (4/8/20-Benzene-69 ug/L), and monitoring well MW-16R (4/8/20-Ethylbenzene-36 ug/L, 1-Methylnaphthalene-130 ug/L, and 2-Methylnaphthalene-220 ug/L). Three parameters were reported by the laboratory above the Natural Attenuation Default Concentrations in monitoring well MW-10R (4/8/20-Naphthalene-310 ug/l) and monitoring well MW-16R (4/8/20-Benzene-110 ug/L and Naphthalene-440 ug/L).

On November 23-24, 2020, EEJV installed five (5) shallow (2", Total Depth-12', screen interval-2-12') monitoring wells (MW-22, MW-23, MW-24, MW-25 and MW-26). Soil organic vapor analysis was performed on the soil samples at one-foot intervals. Shallow groundwater was observed at approximately 2-3' bls during soil boring activities. Soil organic vapor readings were observed at <10 ppm in the vadose zone. Soil organic vapor analysis was observed above 10 ppm (Highest OVA Reading @ MW-21 @ 8'- 624 ppm) in the smear zone. A replacement monitoring well (MW-14RR) was to be installed east of MW-14R; however, overhead power lines and

underground utilities that run beneath the adjacent sidewalk precluded the installation of the well. On November 25, 2020, groundwater samples were collected from monitoring wells MW-10R, MW-13R, MW-14R, MW-16R, MW-22, MW-23, MW-24, MW-25 and MW-26. The collected groundwater samples were analyzed by EPA Method 8260B (BTEX+MTBE) and EPA Method 8270C (PAHs). Dissolved hydrocarbon compounds detected above GCTLs were: Naphthalene (90 µg/L) was detected in a concentration exceeding its GTCLs in MW-10R; Naphthalene (690 µg/L) was detected in concentrations exceeding NADCs, and. Benzene (36 µg/L), 1-methylnaphthalene (130 µg/L), and 2-methylnaphthalene (220 µg/L) were detected in concentrations exceeding GCTLs in MW-16R; Naphthalene (360 µg/L) was detected in concentrations exceeding NADCs, and Benzene (75 µg/L), 1-methylnaphthalene (85 µg/L), and 2-methylnaphthalene (160 µg/L) were detected in concentrations exceeding GCTLs in MW-26; and Naphthalene (47 µg/L) was detected in concentrations exceeding GTCLs in MW-24.

2.0 Scope of Work

The following field activities were performed for Task 3 of the current purchase order:

- Preparation of a Supplemental Site Assessment Report (SSAR) with recommendations for future site activities.

3.0 Monitoring Well Installations

The latest monitoring well installations took place on November 23-24, 2020 when EEJV installed five shallow, 2-inch wells to a total depth of 12 feet and screened from 2 feet to 12 feet (MW-22, MW-23, MW-24, MW-25 and MW-26). This activity was documented in an Interim Assessment Report dated February 9, 2021. For reference, **Attachment A** contains Boring Logs and Field Notes recorded during the monitoring well installations.

4.0 Groundwater Sampling and Laboratory Chemical Analyses

The most recent sampling event took place on November 25, 2020 when groundwater samples were collected from monitoring wells MW-10R, MW-13R, MW-14R, MW-16R, MW-22, MW-23, MW-24, MW-25 and MW-26. The collected groundwater samples were analyzed by EPA Method 8260B (BTEX+MTBE) and EPA Method 8270C (PAHs). After purging the required volume, temperature, pH, conductivity, dissolved oxygen, and turbidity were measured. All groundwater samples were submitted to Advanced Environmental Laboratories, Inc. for analysis.

5.0 Groundwater Analytical Results

Groundwater analytical results from the most recent sampling event are summarized in **Table 1A** and **Table 1B along** with historical groundwater analytical data for the site. Groundwater contaminant concentrations are depicted on **Figure 3** for the November 25, 2020 sampling event. Field sampling logs and field notes for the sampling event are included in **Attachment** B for reference. Certificates of chemical analysis and chain of custody documentation for the November

2020 sampling event are included in **Attachment C**, again for reference. Dissolved hydrocarbon compounds detected above GCTLs are listed below:

- MW-10R: Naphthalene (90 µg/L) was detected in a concentration exceeding its GTCLs.
- MW-16R: Naphthalene (690 µg/L) was detected in concentrations exceeding NADCs. Benzene (36 µg/L), 1-methylnaphthalene (130 µg/L), and 2-methylnaphthalene (220 µg/L) were detected in concentrations exceeding GCTLs.
- MW-26: Naphthalene (360 µg/L) was detected in concentrations exceeding NADCs. Benzene (75 µg/L), 1-methylnaphthalene (85 µg/L), and 2-methylnaphthalene (160 µg/L) were detected in concentrations exceeding GCTLs.
- MW-24: Naphthalene (47 µg/L) were detected in concentrations exceeding GTCLs.

6.0 Groundwater Elevation and Flow Direction

The latest depth to water measurements were recorded for monitoring wells MW-10R, MW-13R, MW-14R, MW-16R, MW-22, MW-23, MW-24, MW-25 and MW-26 during the November 25, 2020, sampling event. Depths to water ranged from 1.89 to 3.25 feet below the top of casing (fbtoc); the average of the measurements is 2.86 fbtoc. The groundwater flow direction was inferred to be generally southwestward from groundwater elevation data. The direction of groundwater flow has historically been inferred to be flowing southward. Historical groundwater elevation data is tabulated in **Table 2**. A groundwater elevation contour map is provided as **Figure 4**.

7.0 Soil Sampling Results

Soil screening on soil borings was last performed on April 1, 2013, reported on May 15, 2013, in a SCS Report by ARCADIS. The OVA results for these soil borings are presented in **Table 3**. The most recent OVA soil screening was performed during monitoring well installations on December 23-24, 2020, as reported by EEJV and can be found in **Table 3**, along with other historic OVA results. The most recent soil analysis is from a soil sample taken during the installation of a deep monitoring well on July 1, 2020, as reported by FER. The results of this analysis, as well as other historic sampling events, can be found in **Table 4**. An OVA Screening Results map for the most recent OVA results is provided as **Figure 5**. A Soil Analytical Results map for the most recent soil results is provided as **Figure 6**.

Since site assessment activities were initiated in 1993, four different environmental consultants have performed soil assessment activities at this facility. Numerous soil borings have been performed for field soil testing with only three samples submitted for laboratory analyses and those three samples were collected below the historical high-water table and are thus not representative of vadose zone soil. Soil sampling locations for field testing and results of field testing during the course of site assessment activities since 1993 are presented in **Attachment D**. The sampling locations of the three soil samples submitted for laboratory analyses and results of laboratory analyses are illustrated in the attachment figures.

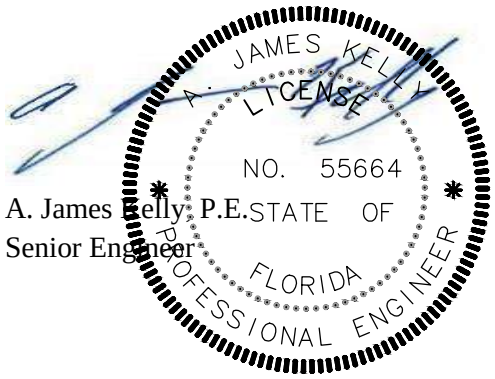
8.0 Summary, Conclusions and Recommendations

EEJV has completed the field activities and reporting as outlined in the scope of work for PO B7CA8D. Dissolved hydrocarbon concentrations exceeded NADCs in the groundwater samples collected on November 25, 2020, from monitoring wells MW-16R and MW-26 and exceeded GCTLS in the samples collected from MW-10R, MW-16R, MW-24, and MW-26. The November 25, 2020, sampling event marks the third consecutive event in which NADCs have been exceeded in monitoring well MW-16R. EEJV recommends discontinuing NAM and proceeding to Remedial Action Plan (RAP) preparation. Based on lithology and dissolved plume geometry, this site appears favorable for remediation through air sparging/soil vapor extraction (AS/SVE). A pilot test is recommended to be performed to obtain design parameters for full scale implementation. The pilot test should be conducted in the vicinity of monitoring wells MW-16R and MW-26, which are the monitoring wells with the highest levels of dissolved groundwater contamination.

Should you have any questions or require any additional information, please contact our office at your earliest convenience.

Sincerely,

Envisors-Ensouth Joint Venture, LLC



A. James Kelly, P.E.
Senior Engineer

Allan J Kelly

Digitally signed by Allan J Kelly
DN: CN=Allan J Kelly, OU=A01410D000001764338455900002 53C, O=PENNONI ASSOCIATES, C=US
Date: 2021.05.18 08:58:45-04'00'

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY A. JAMES KELLY, PE, (FLORIDA PE NO. 55664) ON 05/18/2021 USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

FIGURES

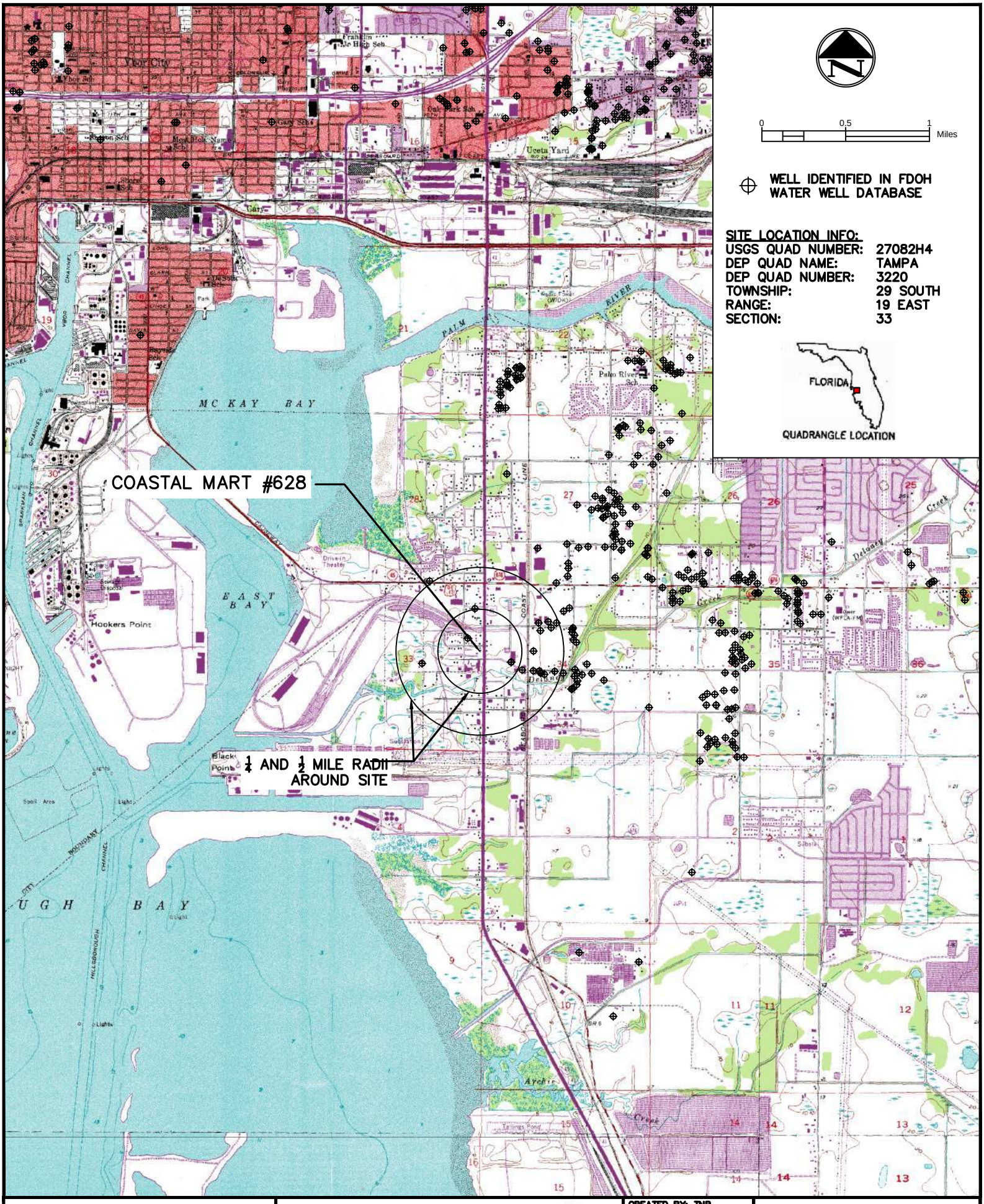


FIGURE 1

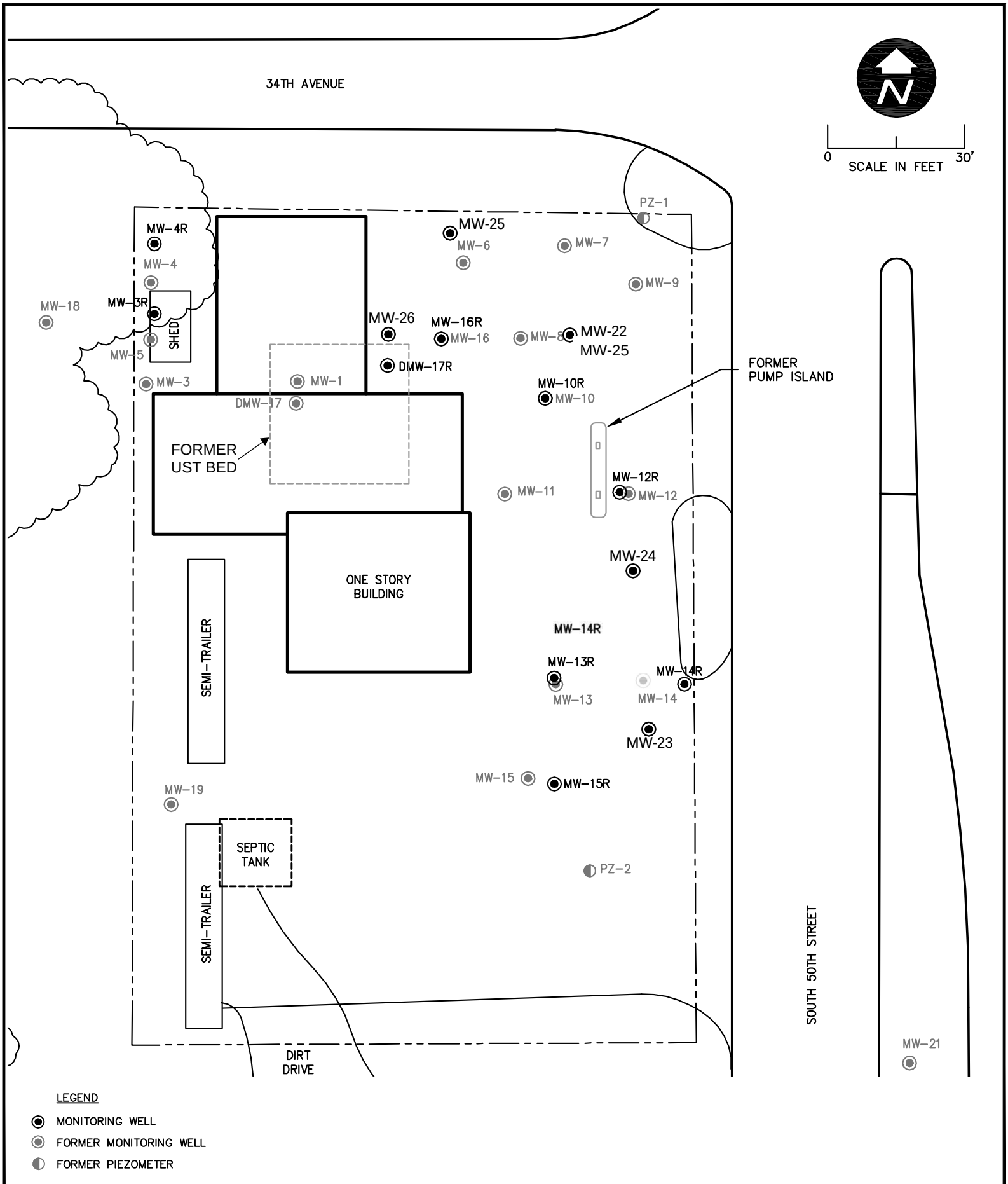
SITE LOCATION MAP

ENVISORS
ENGINEERS | PLANNERS | SURVEYORS
A Pennoni Associates Company

Envirosouth

CREATED BY:	TNB
CREATED:	2/7/2018
REVISED BY:	TNB
REVISED:	12/6/19
FEJV #:	12900
EVI #:	EVSOJ19017

COASTAL MART #628
3411 S 50TH STREET
TAMPA, HILLSBOROUGH COUNTY
FAC ID: #29/8627391



LEGEND

- MONITORING WELL
- FORMER MONITORING WELL
- FORMER PIEZOMETER

FIGURE 2

SITE PLAN

ENVISORS
ENGINEERS | PLANNERS | SURVEYORS
A Pennoni Associates Company

Envirosouth

CREATED BY:	TNB
CREATED:	2/7/2018
REVISED BY:	TNB
REVISED:	12/6/19
FFJV #:	12900
EVI #:	EVSOJ19017

COASTAL MART #628
3411 S 50TH STREET
TAMPA, HILLSBOROUGH COUNTY
FAC ID: #29/8627391

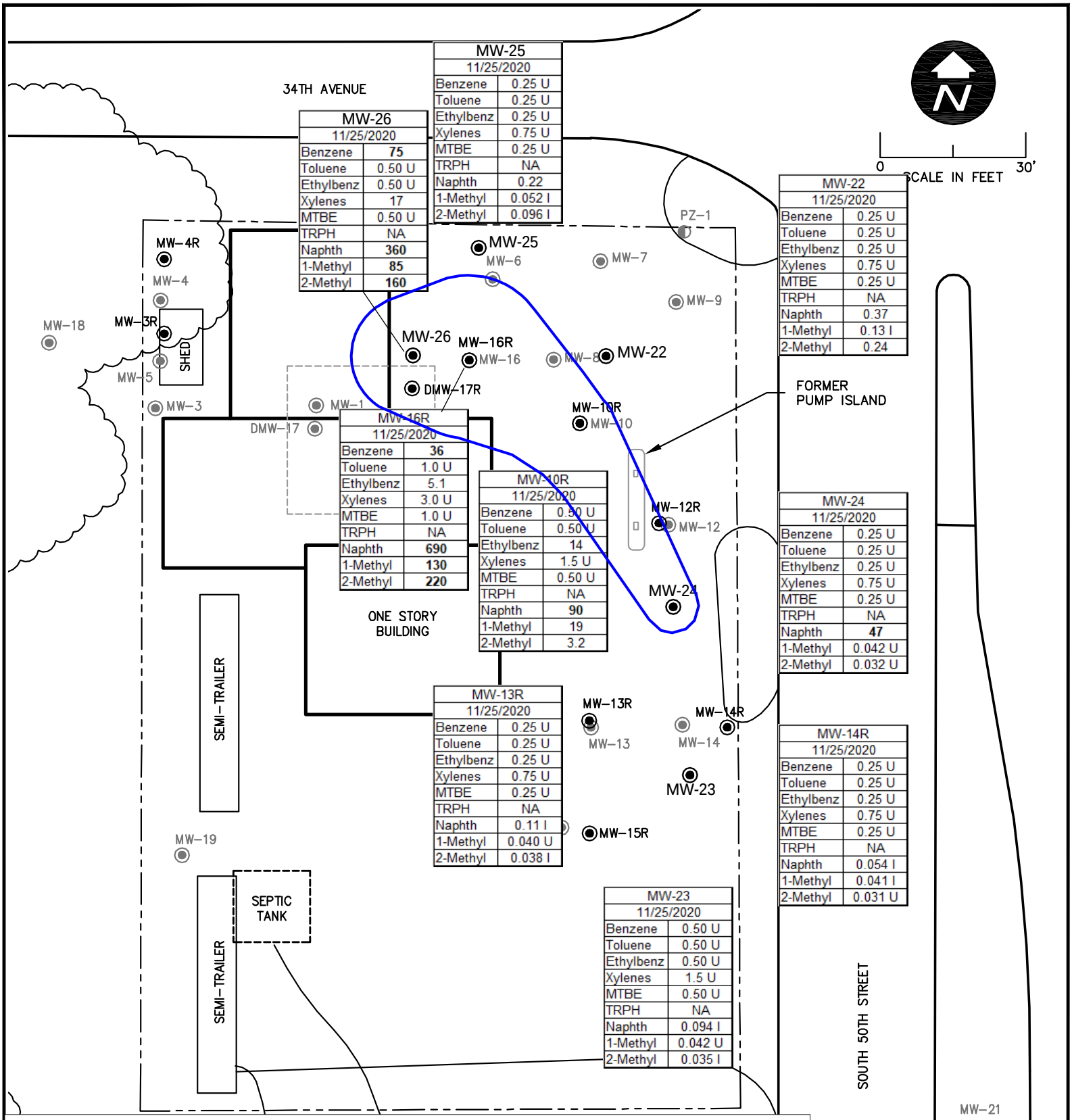


FIGURE 3
GROUNDWATER PLUME MAP
(11/25/20)

ENVISORS
ENGINEERS | PLANNERS | SURVEYORS
A Pennoni Associates Company

Envirosouth

CREATED BY: TNB
CREATED: 2/7/2018
REVISED BY: TNB
REVISED: 12/6/19
FEJV #: 12900
EVI #: EVSOJ19017

COASTAL MART #628
3411 S 50TH STREET
TAMPA, HILLSBOROUGH COUNTY
FAC ID: #29/8627391

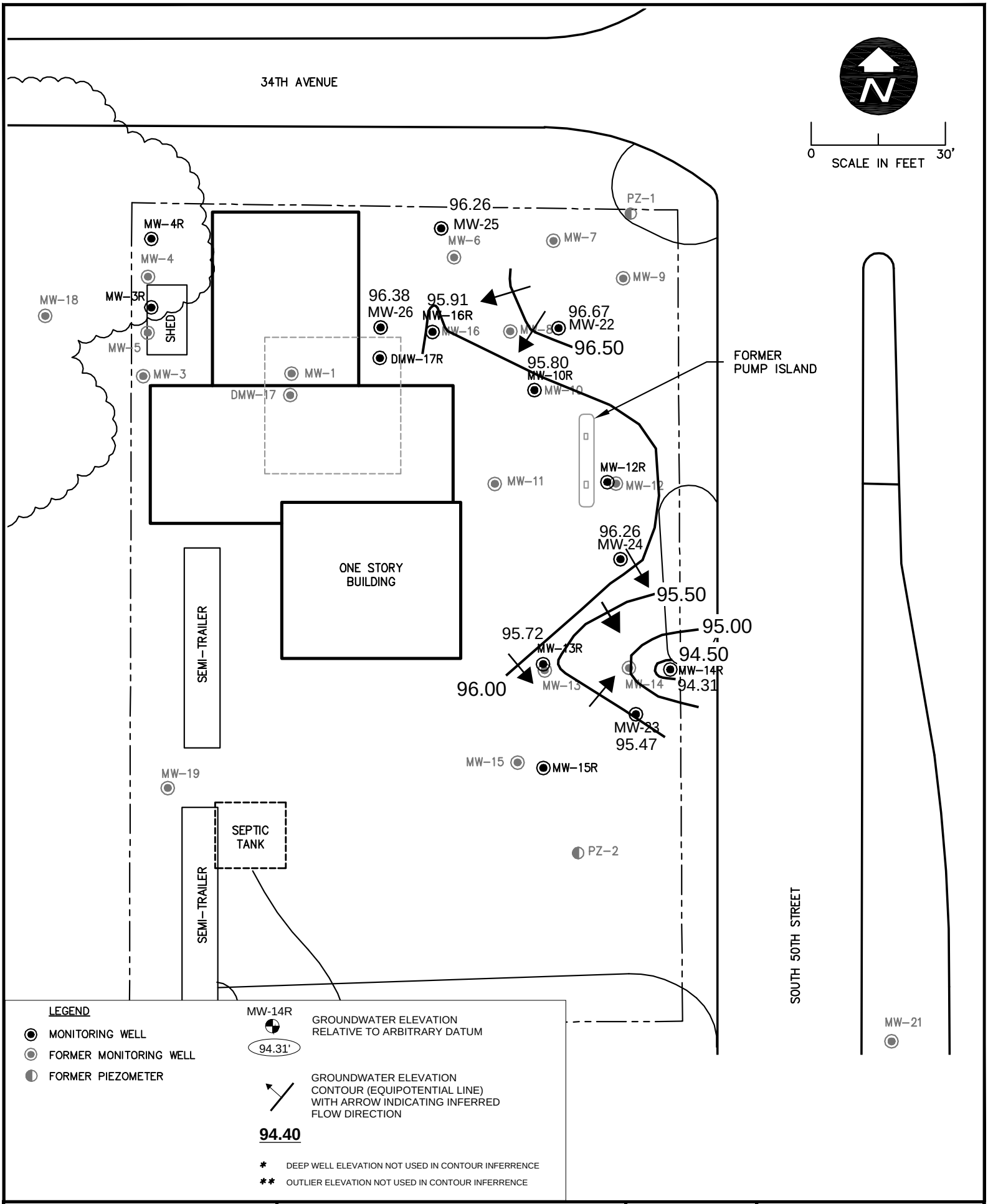


FIGURE 4
GROUNDWATER CONTOUR MAP
(11/24/20)

ENVISORS
ENGINEERS | PLANNERS | SURVEYORS
A Pennoni Associates Company

Envirosouth

CREATED BY:	TNB
CREATED:	2/7/2018
REVISED BY:	MHM
REVISED:	5/11/20
FEJV # EVI #	12900 EVSOJ19017

COASTAL MART #628
3411 S 50TH STREET
TAMPA, HILLSBOROUGH COUNTY
FAC ID: #29/8627391

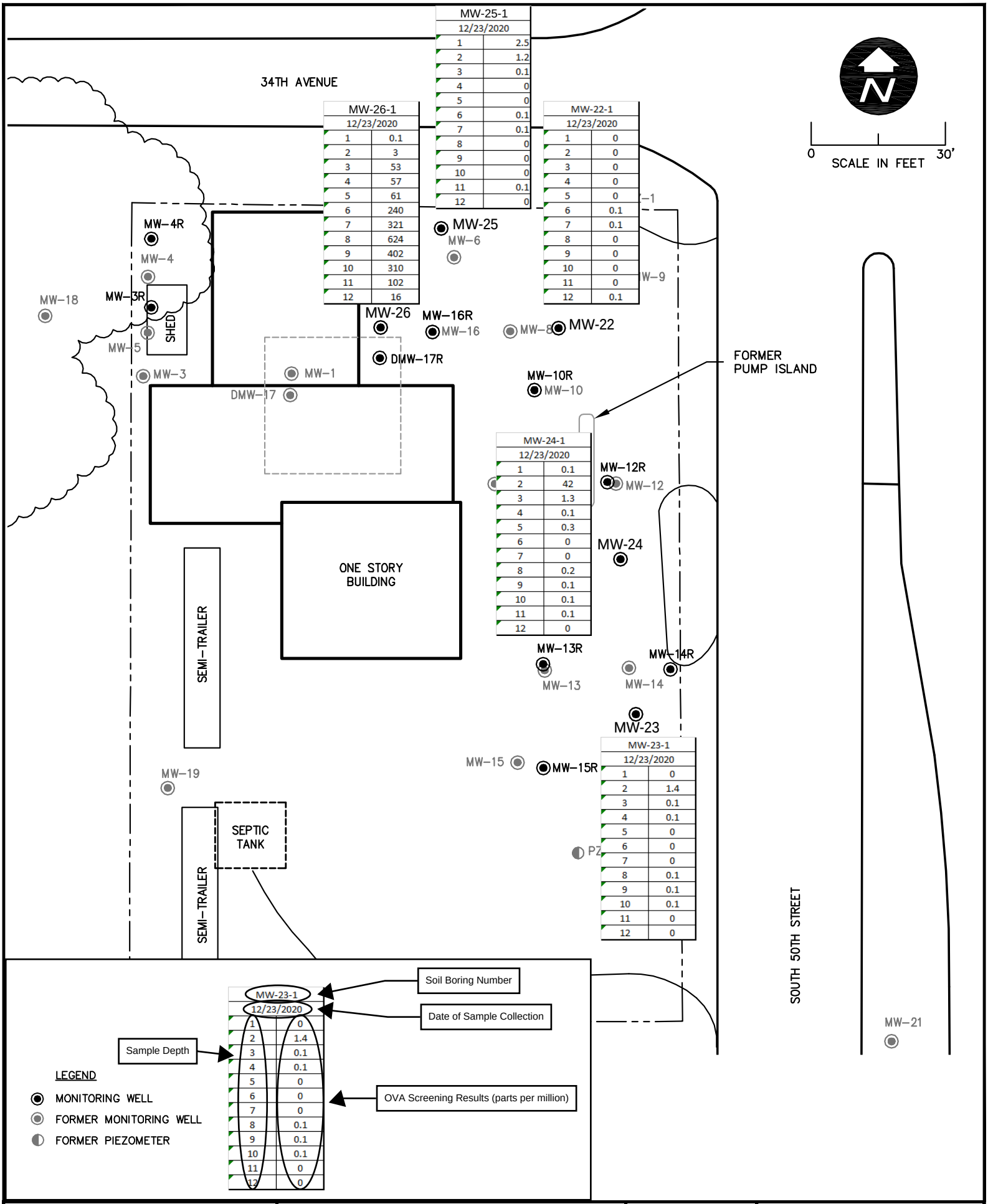


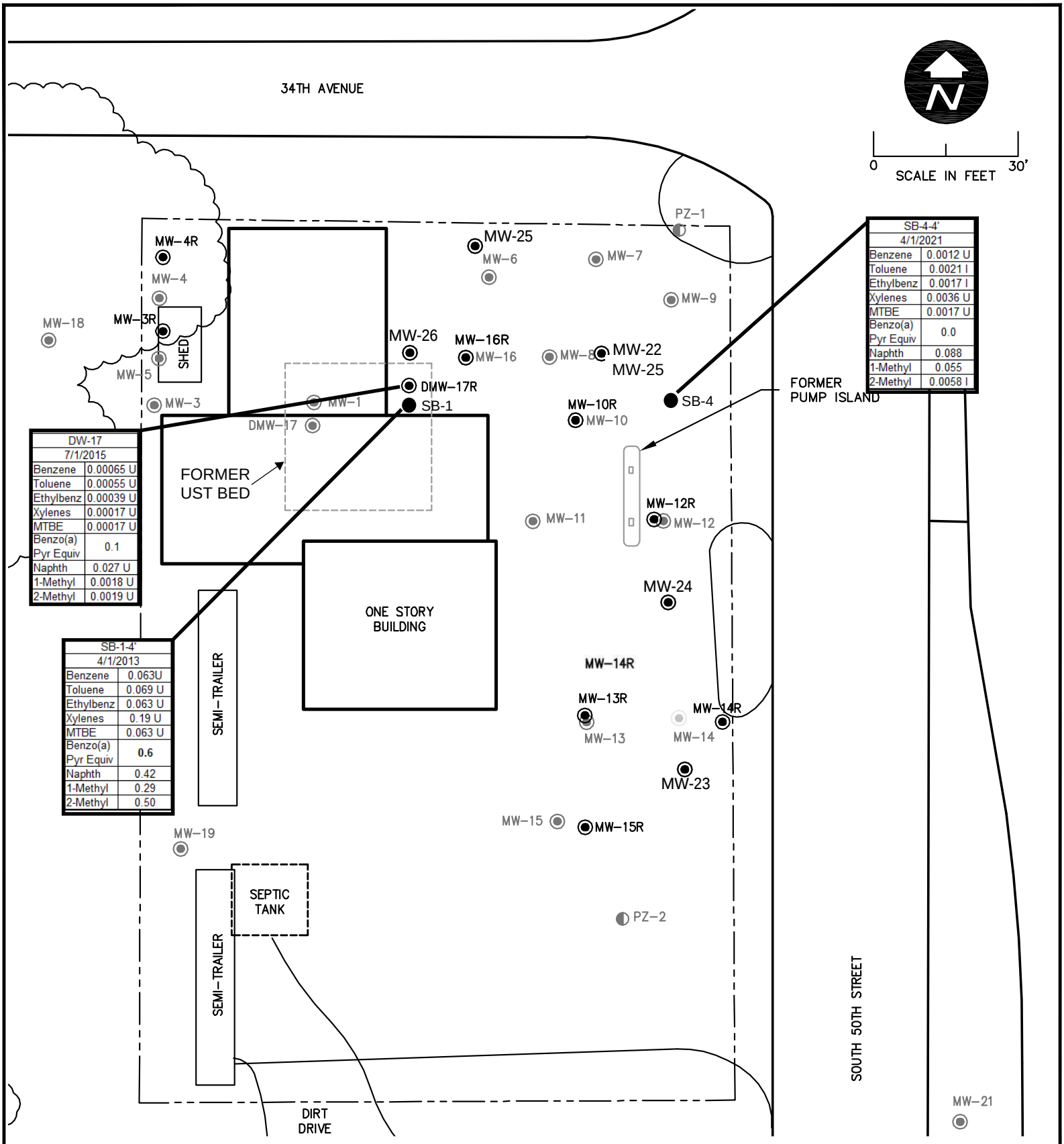
FIGURE 5
OVA SCREENING RESULTS
(11/23/20)

ENVISORS
ENGINEERS | PLANNERS | SURVEYORS
A Pennoni Associates Company

Envirosouth

CREATED BY:	TNB
CREATED:	2/7/2018
REVISED BY:	TNB
REVISED:	12/6/19
FEJV #:	12900
EVI #:	EVSOJ19017

COASTAL MART #628
3411 S 50TH STREET
TAMPA, HILLSBOROUGH COUNTY
FAC ID: #29/8627391



DW-17	
7/1/2015	
Benzene	0.00065 U
Toluene	0.00055 U
Ethylbenz	0.00039 U
Xylenes	0.00017 U
MTBE	0.00017 U
Benzo(a) Pyr Equiv	0.1
Naphth	0.027 U
1-Methyl	0.0018 U
2-Methyl	0.0019 U

SB-1-4'	
4/1/2013	
Benzene	0.063U
Toluene	0.069 U
Ethylbenz	0.063 U
Xylenes	0.19 U
MTBE	0.063 U
Benzo(a) Pyr Equiv	**0.6**
Naphth	0.42
1-Methyl	0.29
2-Methyl	0.50

SB-4-4'	
4/1/2021	
Benzene	0.0012 U
Toluene	0.0021 I
Ethylbenz	0.0017 I
Xylenes	0.0036 U
MTBE	0.0017 U
Benzo(a) Pyr Equiv	0.0
Naphth	0.088
1-Methyl	0.055
2-Methyl	0.0058 I

LEGEND

- MONITORING WELL
- FORMER MONITORING WELL
- FORMER PIEZOMETER
- SOIL BORING

FIGURE 6

SOIL ANALYTICAL MAP

ENVISORS
ENGINEERS | PLANNERS | SURVEYORS
A Pennoni Associates Company

Envirosouth

CREATED BY:	TNB
CREATED:	2/7/2018
REVISED BY:	TNB
REVISED:	12/6/19
FEJV #:	12900
EVI #:	EVSOJ19017

COASTAL MART #628
3411 S 50TH STREET
TAMPA, HILLSBOROUGH COUNTY
FAC ID: #29/8627391

EDM 8 – Torbo Truck Repair/Ray's Truck Rental
(Former Southeast Industrial and GTE Of FL Fleet CTR)
5160 Saint Paul Street
(currently 3140 S. 50th Street according to HCPA)

Florida Department of Environmental Protection

Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926

Rick Scott
Governor

Herschel T. Vinyard Jr.
Secretary

DATE: 09 JANUARY 2014

TIME: 1:00 pm

LOCATION/CONFERENCE ROOM: 159 SWD

MEETING SUBJECT: SOUTH EAST INDUSTRIAL FACILITIES COM-242925/Prod. # 284512

ATTENDEES

Name	Affiliation	Telephone	E-mail (All DEP employees' email ends in: @dep.state.fl.us
TONYA HAUGLAND	FDEP ENVIRONMENTAL SERVICES	x 45759	TONYA.HAUGLAND@
Drew Scott	EAC	727-638-4488	DSCOTT@EACUSA.com
LOUIS G. LAUNITZ	SOUTHEAST INDUSTRIAL	813 247-2780	NRSI2RABBIT@AOL.COM
WILLIAM H. GOULET PG	EAC	727-639-1120	WGOULET@EACUSA.COM
Yamira M. Angulo	DEP	4-5757	yamira.angulo@
John Segal	"	45756	John.R.Segal@ " " "

TABLE 1: GROUNDWATER ANALYTICAL SUMMARY

Facility Name: Southeast Industrial

Not Sampled = NS
Analytical Results = ug / l
GCTL = Groundwater Cleanup Target Levels (ug / l) Table I
NADSC = FAC Chapter 62-777 Table V

	NADSC	2000	60	100	20,000	40	140,000	50	1000	1,400	10,000	150	500	350	500	1000	1,600,000	490
	GCTL	200	6	10	2000	4	1,400	5	100	140	1,000	15	50	35	50	100	160,000	49
Well	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryilum	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Molybdenum	Selenium	Silver	Sodium	Vanadium
TMW-C1	8/1/2004	6000	8.1	86	57	<4	360	<5	16	<10	60	51	300	<50	<10	<10	130,000	25
MW-1A (offsite)		270	3.4	17	NS	NS	NS	NS	NS	NS	NS	4.4	16	2.9	NS	NS	NS	NS
MW-C1	11/1/2004	<52	<6	<10	NS	NS	NS	NS	NS	NS	NS	<5	74	NS	NS	NS	NS	NS
	811/05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	38	NS	NS	NS	NS	NS
	10/19/2006	320	2	33	32	<0.3	580	<0.32	2.1	NS	4.6	3.7	120	40	4	<13	42000	5.2
	2/6/2009	21	NS	16	NS	NS	NS	NS	NS	NS	NS	NS	76	NS	NS	NS	NS	NS
	12/30/2013	NS	NS	23	BNS	NS	NS	NS	NS	NS	NS	NS	88	NS	NS	NS	NS	NS
MW-C2	3/26/2010	NS	NS	4.8U	NS	NS	NS	NS	NS	NS	NS	NS	840	NS	NS	NS	41000	NS
	12/30/2013	NS	NS	3.3 U	NS	NS	NS	NS	NS	NS	NS	NS	3.21	NS	NS	NS	NS	NS
MW-C3	3/26/2010	NS	NS	4.8U	NS	NS	NS	NS	NS	NS	NS	NS	9.4	NS	NS	NS	97000	NS
	12/30/2013	NS	NS	3.3 U	NS	NS	NS	NS	NS	NS	NS	NS	4.7 I	NS	NS	NS	NS	NS
MW-C4	3/26/2010	NS	NS	4.8U	NS	NS	NS	NS	NS	NS	NS	NS	9	NS	NS	NS	8500	NS
	12/30/2013	NS	NS	16	NS	NS	NS	NS	NS	NS	NS	NS	94	NS	NS	NS	NS	NS
MW-C5	4/12/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.9	NS	NS	NS	NS	NS
	12/30/2013	NS	NS	3.3 U	NS	NS	NS	NS	NS	NS	NS	NS	9.5	NS	NS	NS	NS	NS
MW-50TH-1	811/05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	N	NS	NS	NS	NS	NS
	10/19/2006	560	2.2	9.8	95	<0.3	310	3.4	2.1	NS	6	<3.5	43	15	<4	<13	66000	23
	1/28/2009	39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	54	NS	NS	NS	NS	NS
	12/30/2013	NS	NS	12	NS	NS	NS	NS	NS	NS	NS	NS	64	NS	NS	NS	7300	NS
MW-50TH-2	11/1/2004	180	<6	<10	85	<4	400	<5	<5	<10	<10	<5	110	<50	<10	<10	42000	<10
	811/05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/19/2006	210	<2.0	<8.2	57	<0.3	420	<1.6	1.6	NS	1.7	<3.5	56	13	<4	<13	21,000	5.7
	1/26/2009	88	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	78	NS	NS	NS	NS	NS
	12/30/2013	NS	NS	16	NS	NS	NS	NS	NS	NS	NS	NS	100	NS	NS	NS	18000	NS
MW-50TH-3	3/26/2010	NS	NS	4.8U	NS	NS	NS	NS	NS	NS	NS	NS	85	NS	NS	NS	25000	NS
	12/30/2013	NS	NS	11	NS	NS	NS	NS	NS	NS	NS	NS	29	NS	NS	NS	47000	NS
MW-50TH-4	3/26/2010	NS	NS	4.8U	NS	NS	NS	NS	NS	NS	NS	NS	43	NS	NS	NS	13000	NS
	12/30/2013	NS	NS	18	NS	NS	NS	NS	NS	NS	NS	NS	53	NS	NS	NS	7700	NS
MW-50TH-5	3/26/2010	NS	NS	4.8U	NS	NS	NS	NS	NS	NS	NS	NS	14	NS	NS	NS	18000	NS
	12/30/2013	NS	NS	3.3 U	NS	NS	NS	NS	NS	NS	NS	NS	15	NS	NS	NS	21000	NS
MW-50TH-6	4/12/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	71	NS	NS	NS	NS	NS
	12/30/2013	NS	NS	3.3 U	NS	NS	NS	NS	NS	NS	NS	NS	88	NS	NS	NS	9100	NS

I= between MDL & PQL; u=undetected at PQL; J= estimated value, see case narrative
U= Indicates the compound was analyzed for but not detected
K= The value is known to be less than the reported value based on size, dilution, or some other variable.
J= Estimated value

Facility Name: Southeast In

	NADSC	20	50,000	20	2,500,000	20,000	10,000	2,500,000
	GCTL	2	5000	2	250000	2000	1000	250000
Well	Sample Date	Thallium	Zinc	Mercury	Chloride	Fluoride	Nitrate (n)	Sulfate
TMW-C1	8/1/2004	<2	1,600	<0.2	210	5.2	19	330000
MW-1A (offsite)		NS	NS	NS	46000	150	14	110000
MW-C1	11/1/2004	NS	NS	NS	NS	<0.20	14	730000
	811/05	NS	NS	NS	NS	NS	7.1	450000
	10/19/2006	<4.9	58	<0.2	450000	3900	620	330000
	2/6/2009	NS	NS	NS	570000	1500	14	630000
	12/30/2013	NS	NS	NS	410,000	NS	NS	900,000
MW-C2	3/26/2010	NS	NS	NS	34000	NS	NS	90000
	12/30/2013	NS	NS	NS	29,000	NS	NS	280,000
MW-C3	3/26/2010	NS	NS	NS	55000	NS	NS	570, 000
	12/30/2013	NS	NS	NS	9800	NS	NS	120,000
MW-C4	3/26/2010	NS	NS	NS	5000	NS	NS	24, 000
	12/30/2013	NS	NS	NS	3200	NS	NS	26,000
MW-C5	4/12/2010	NS	NS	NS	NS	NS	NS	NS
	12/30/2013	NS	NS	NS	900	NS	NS	49,000
MW-50TH-1	811/05	NS	NS	NS	NS	NS	50	50000
	10/19/2006	<4.9	310	<0.2	22000	270	310	NS
	1/28/2009	NS	NS	NS	NS	NS	NS	380000
	12/30/2013	NS	NS	NS	3200	NS	NS	44,000
MW-50TH-2	11/1/2004	<2	<20	<0.2	8000	<0.20	50	800,000
	811/05	NS	NS	NS	NS	NS	50	NS
	10/19/2006	<4.9	4	<0.2	23,000	850	62	160000
	1/28/2009	NS	NS	NS	NS	NS	NS	380000
	12/30/2013	NS	NS	NS	6200	NS	NS	250,000
MW-50TH-3	3/26/2010	NS	NS	NS	14000	NS	NS	72000
	12/30/2013	NS	NS	NS	10,000	NS	NS	120,000
MW-50TH-4	3/26/2010	NS	NS	NS	14000	NS	NS	53000
	12/30/2013	NS	NS	NS	5900	NS	NS	24,000
MW-50TH-5	3/26/2010	NS	NS	NS	12000	NS	NS	83000
	12/30/2013	NS	NS	NS	24,000	NS	NS	73,000
MW-50TH-6	4/12/2010	NS	NS	NS	NS	NS	NS	NS
	12/30/2013	NS	NS	NS	3900	NS	NS	50,000

Mr. Louis G. Laurito, TTEE
741 Spanish Main Drive
Apollo Beach, Florida 33572-2430

Site Physical Address: South East Industrial Facilities (Two Sites)
4513 Causeway Blvd., and 3140 S. 50th St.
Hillsborough County
Tampa, FL 33619

Site Mailing Address: South East Industrial Sales and Service, Inc.
P.O. Box 8527
Hillsborough County
Tampa, Florida, 33674
FDEP Site #COM_242925/ Project #284512

NO HARD COPY IN FILE OR IN OCULUS FOR ITEMS SHOWN IN RED

November 3, 2004 - Limited Site Assessment Report (LSAR) was submitted to the Department identifying arsenic and vanadium impacts to the soils and aluminum, antimony, arsenic, lead and manganese impacts to groundwater located at 4513 Causeway Blvd. and 3140 S. 50th St., Tampa, Hillsborough County, FL ("site").

January 7, 2005 – Department review of LSAR authored by Stephen Bell.

January 31, 2005 - Supplemental Site Assessment Report (SSAR) indicating continuing impacts to groundwater at the sites.

March 14, 2005 – Department review of SSAR requesting a Site Assessment Report Addendum authored by Stephen Bell.

September 27, 2006 – Department GRNL letter notifying required compliance under 62-780.600(10), F.A.C. due date assigned for SARA of January 29, 2007. Authored by William Kutash CC to Jason Sherman OGC.

January 8, 2007 – Site Assessment Addendum (SARA) submitted by Environmental Assessments + Consulting, Inc. (EAC)* Reference in Department letter dated January 16, 2009 authored by Steve Bell.

ABOVE 6 DOCUMENTS ARE FOUND IN WORKING FILE DRAFT FORMAT ONLY

January 16, 2009 – Department letter outlining SARA deficiencies, additional assessment required. Assigned 90 day due date for required SARA – April 24, 2009.

March 3, 2009 – Consultant email response indicating denial of offsite access to the 50th Street location and intent to submit on or before March 31, 2010.

April 30, 2009 – Notice of field activities with additional note from Steve Bell, FDEP Waste Cleanup Project Manager that May 7, 2009 field activities are associated with requirements of the January 16, 2009 Department letter.

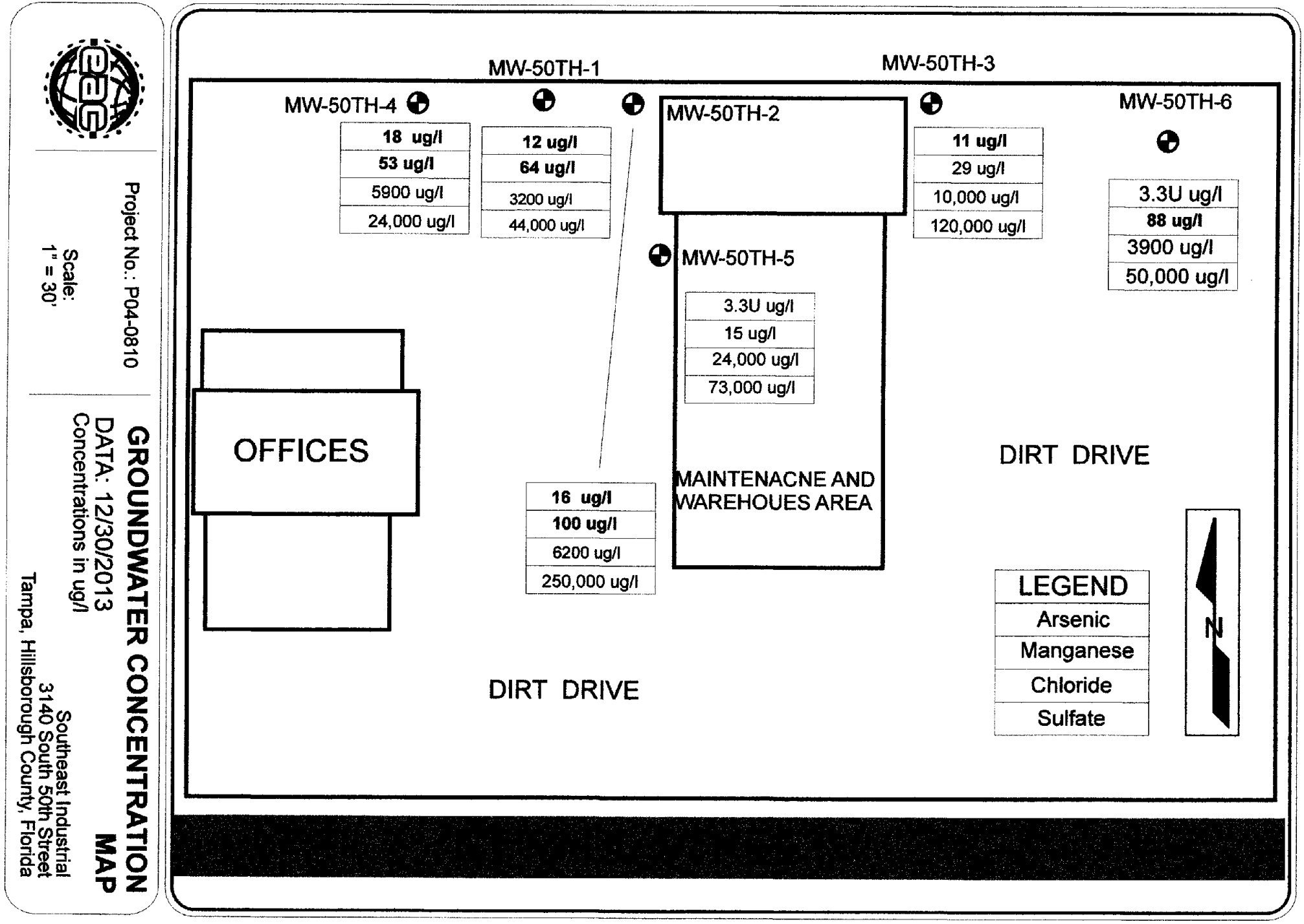
March 1, 2010 – Department letter noting non-submittal/lack of response and passage of assigned due date. Reminder of legal requirement for submittal and granting of 30 day extension. Adjusted due date of March 31, 2010 assigned.

No further correspondence on file.

Parameters of concern:
Soil: arsenic, vanadium
Groundwater: aluminum, antimony, arsenic, lead, manganese

Outstanding requirements for Site Assessment (as of 2009):

- **Vicinity map showing location of supply wells or notation of none present within required radius.**
- **Scaled site map depicting pertinent surface and sub-surface features**
- **Isolinear maps of contaminant plumes for soil and groundwater**
- **Latt/Long of site and plumes**
- **Summary tables: well construction, water table elevations, analytical results(soil/groundwater)**
- **Groundwater contour map(s)**
- **Well survey for ½ mile radius**
- **Well survey map**
- **Scaled maps depicting soil removal/excavation**
- **Laboratory reports/QC documentation/field sampling logs/calibration logs for all future events**
- **Description of IDW (purge water)**



GROUNDWATER CONCENTRATION MAP

DATA: 12/30/2013
Concentrations in ug/l

Southeast Industrial
3140 South 50th Street
Tampa, Hillsborough County, Florida

Project No.: P04-0810

Scale:
1" = 30'

Project No.: P04-0810

Scale:
1" = 30'

ARSENIC CONCENTRATION MAP

DATA: 12/30/2013
Concentrations in ug/l
GCTL: 10 ug/l

Southeast Industrial
3140 South 50th Street
Tampa, Hillsborough County, Florida

Project No.: P04-0810

Scale:
1" = 30'

MANGANESE CONCENTRATION MAP

DATA: 12/30/2013
Concentrations in ug/l
GCTL: 50 ug/l

Southeast Industrial
3140 South 50th Street
Tampa, Hillsborough County, Florida

Project No.: P04-0810

Scale:
1" = 30'

CHLORIDE CONCENTRATION MAP

DATA: 12/30/2013
Concentrations in ug/l
GCTL: 250,000

Southeast Industrial
3140 South 50th Street
Tampa, Hillsborough County, Florida

Project No.: P04-0810

Scale:
1" = 30'

SULFATE CONCENTRATION MAP

DATA: 12/30/2013
Concentrations in ug/l
GCTL: 250,000

Southeast Industrial
3140 South 50th Street
Tampa, Hillsborough County, Florida

EDM 9 – Azucar Sandwich Shop
(Former C Mart #629)
3137 South 50th Street

FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

December 6, 2022

Sent via email to: jstyleswilson@yahoo.com

Mr. J. Styles Wilson
Eastern Oil Co Sta #130
205 S Hoover Blvd, Ste 400
Tampa, FL 33609-3591

Subject: Site Rehabilitation Completion Order
C Mart #629
3137 S 50th St
Tampa, Hillsborough County
FDEP Facility ID# 298625235
Discharge Date: May 19, 1988 (EDI)
Discharge Score: 36

Dear Mr. Wilson:

The Petroleum Restoration Program (PRP) has reviewed the Quarterly Post-Active Remediation Monitoring Report (PARM) and No Further Action Proposal (NFAP) dated January 6, 2022 (received January 6, 2022), and the Monitoring Well Abandonment/Closure Report dated August 15, 2022 (received August 15, 2022), and additional information dated September 13, 2022 (received September 13, 2022) for the petroleum product discharge referenced above. Documentation submitted with the PARM/NFAP confirms that criteria set forth in Subsection 62-780.680(1), Florida Administrative Code (F.A.C.)., have been met. Please refer to the attached maps of the source property and analytical summary tables, Exhibits A and B respectively and hereby incorporated by reference. The PARM/NFAP is hereby incorporated by reference in this Site Rehabilitation Completion Order (Order). Therefore, you are released from any further obligation to conduct site rehabilitation at the facility for petroleum product contamination associated with the discharge referenced above, except as set forth below.

In the event concentrations of contaminants of concern are detected above the levels approved in this Order, the Department will reevaluate the contamination and make a determination as to whether the increase is due to a new release or from a previously reported discharge. If from a previously eligible discharge, the Department may reinitiate State-funded site or discharge rehabilitation to reduce concentrations of contaminants of concern to the levels approved in the Order or otherwise allowed by Chapter 62-780, F.A.C., in accordance with the State-funded eligibility provisions that are applicable for the site or discharge. If a new or subsequent discharge occurs at the facility that is not eligible for state funding, the contamination must be evaluated and addressed as provided in Chapter 62-780, F.A.C.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until a subsequent order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
(c) A statement of when and how the petitioner received notice of the agency decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov. Also, a copy of the petition shall be mailed to the addressee at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the addressee must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the addressee must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to

intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point of entry.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Questions

Any questions regarding the PRP's review of the PARM/NFAP should be directed to Whit Council at 813-627-2600. Questions regarding legal issues should be referred to the Department's Office of General Counsel at 850-245-2242. Contact with any of the above does not constitute a petition for an administrative hearing or a request for an extension of time to file a petition for an administrative hearing.

The FDEP Facility Number for this facility is 298625235. Please use this identification on all future correspondence with the Department.

EXECUTION AND CLERKING

Executed in Tallahassee, Florida.
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Natasha Lampkin
Digitally signed by Natasha Lampkin
Date: 2022.12.12 10:47:34 -05'00'

Natasha Lampkin
Program Administrator
Petroleum Restoration Program

Attachment(s):
A: map(s) of the source property
B: updated analytical summary tables

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

ec: Melissa Madden, FDEP Southwest District Office – Melissa.Madden@floridadep.gov
Whit Council, EPCHC – council@epchc.org
Andrea Murley, EPCHC – murley@epchc.org
Kimberly Thorpe, P.E., EPCHC – thorpek@epchc.org
Andrew Graham, Montrose Environmental – Andrew.graham@montrose-env.com
David Arnold, Southwest Florida Water Management District – davidn.arnold@watermatters.org
Petroleum Restoration Program – prp.orders@floridadep.gov
File

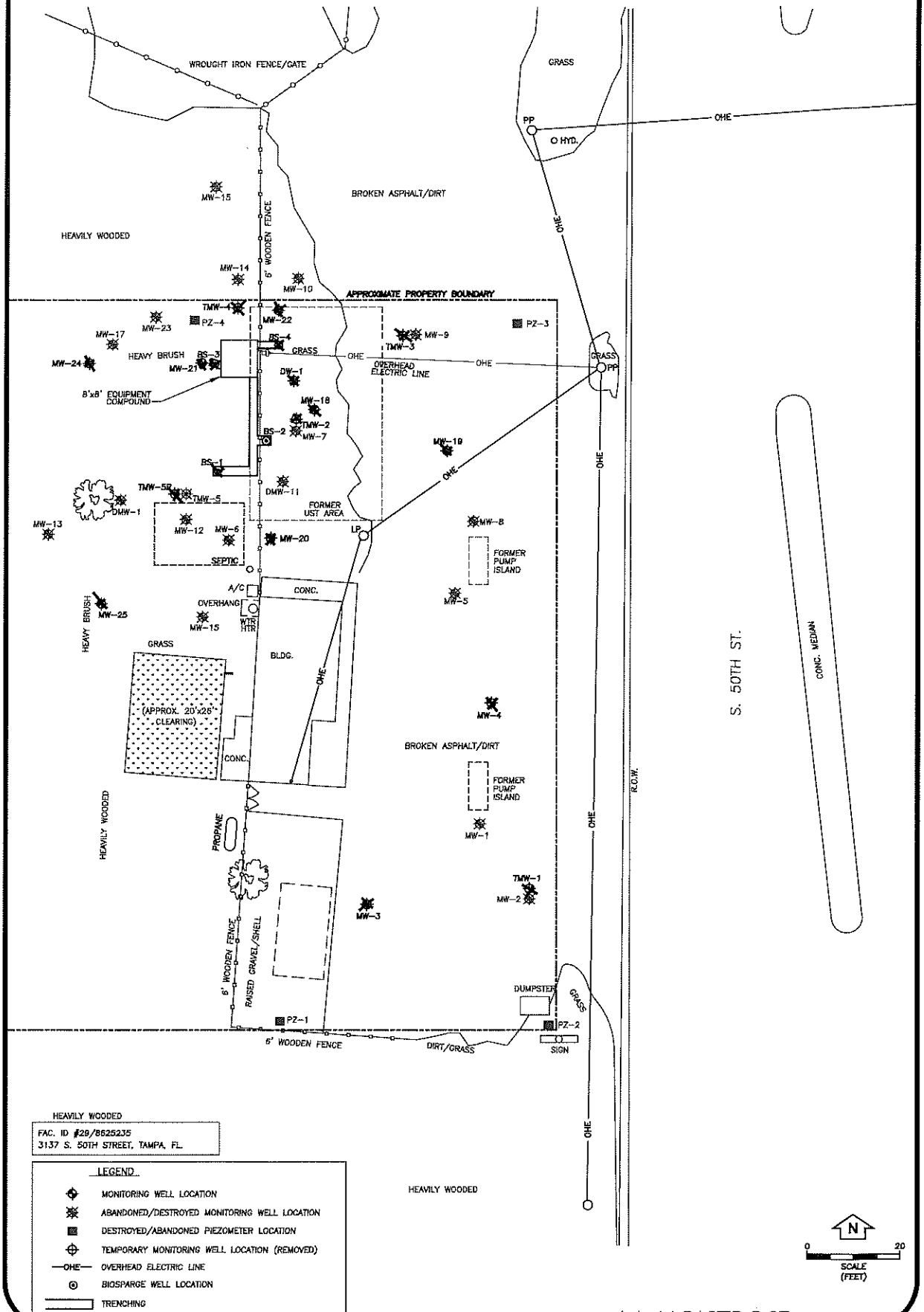
FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Jennifer A. James
Digitally signed by Jennifer A. James
Date: 2022.12.12 11:36:38 -05'00'

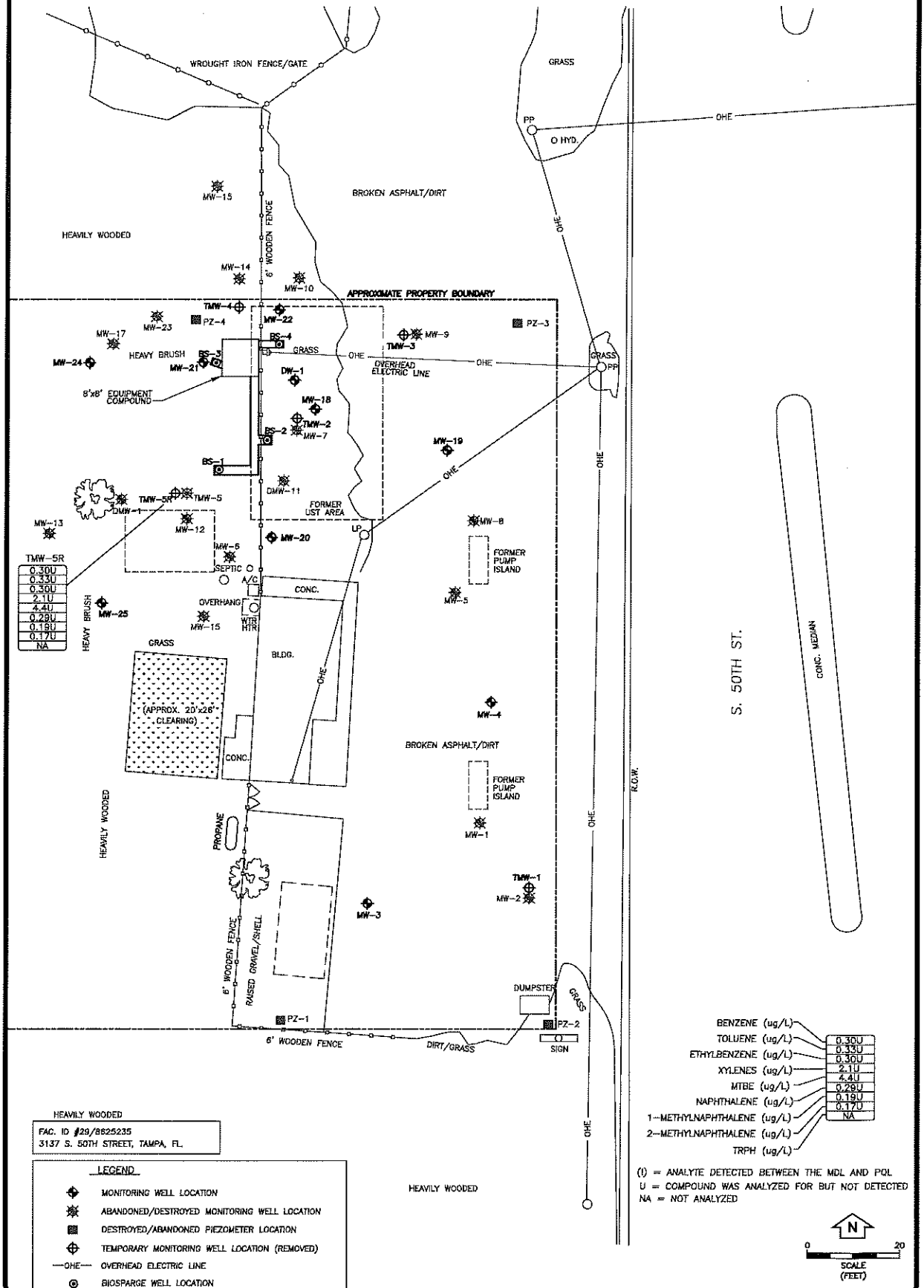
Clerk **Date**

FIGURE 1
SITE LAYOUT MAP
C-MART #629
TAMPA, FLORIDA



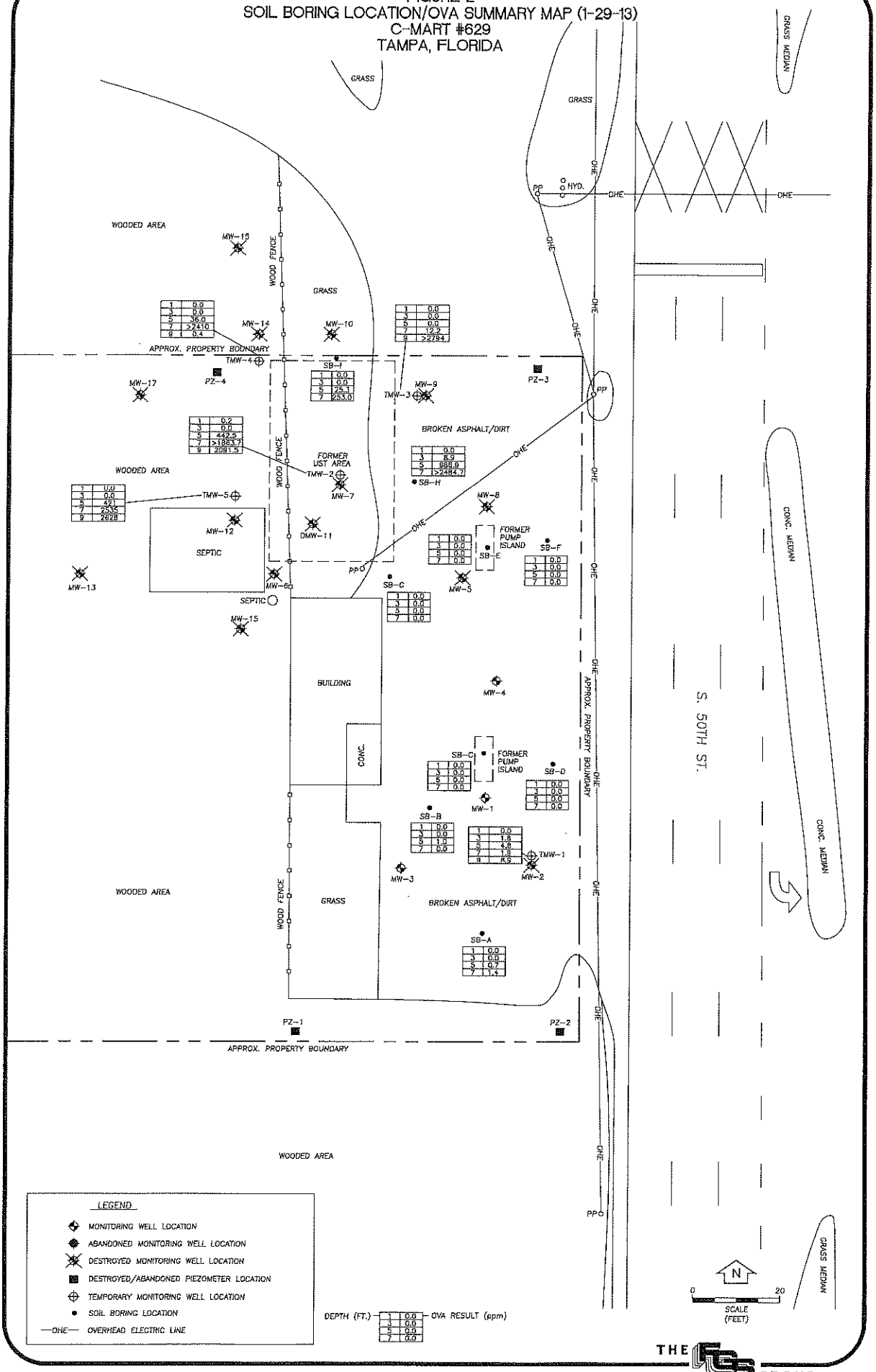
MONTROSE ENVIRONMENTAL

FIGURE 2
GROUNDWATER ANALYTICAL SUMMARY MAP (12-20-21)
C-MART #629
TAMPA, FLORIDA



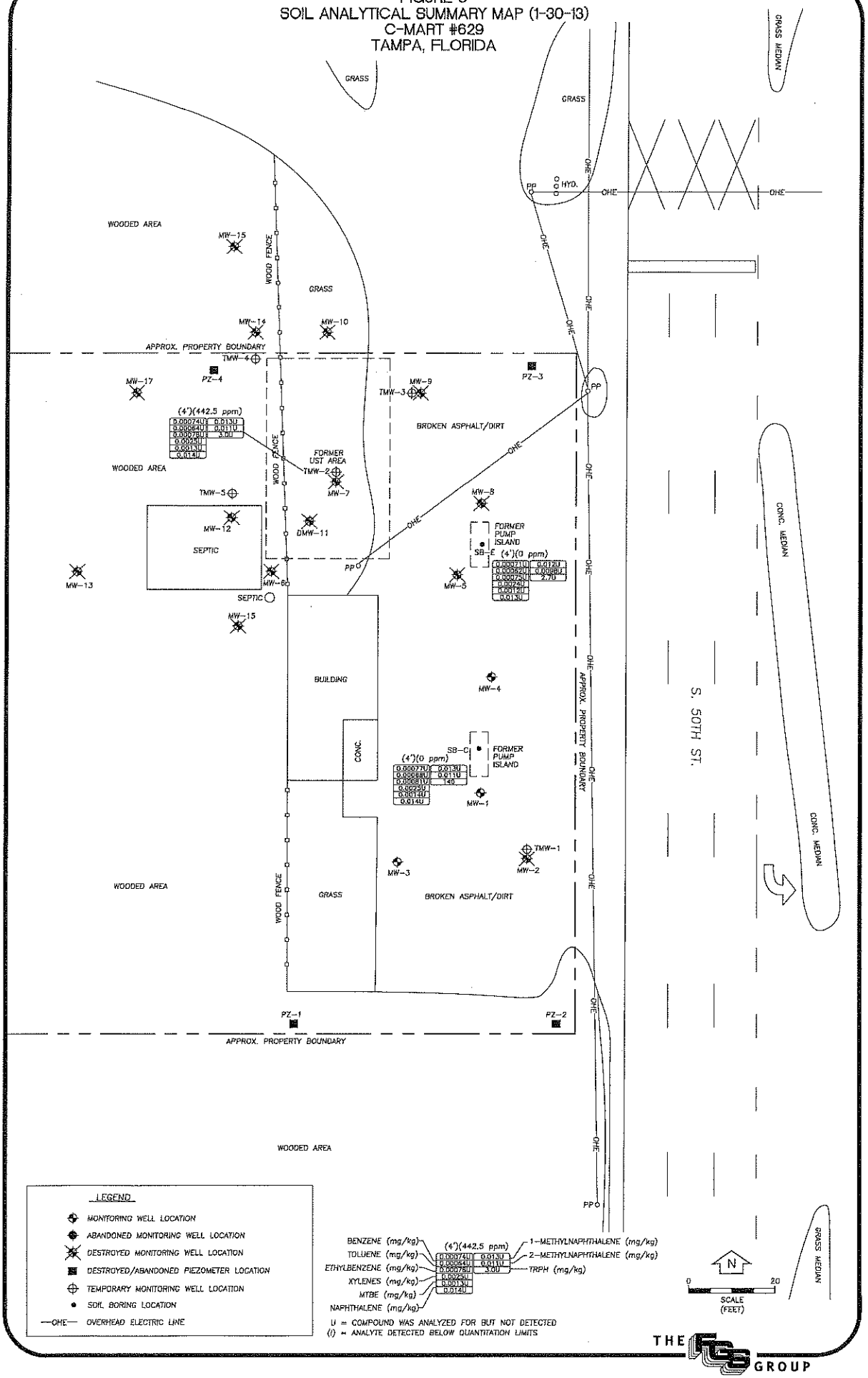
MONTROSE ENVIRONMENTAL

FIGURE 2
SOIL BORING LOCATION/OVA SUMMARY MAP (1-29-13)
C-MART #629
TAMPA, FLORIDA



THE GROUP

FIGURE 3
SOIL ANALYTICAL SUMMARY MAP (1-30-13)
C-MART #629
TAMPA, FLORIDA



LEGEND

- MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION
- DESTROYED MONITORING WELL LOCATION
- DESTROYED/ABANDONED PIEZOMETER LOCATION
- TEMPORARY MONITORING WELL LOCATION
- SOIL BORING LOCATION
- ---OHE--- OVERHEAD ELECTRIC LINE

BENZENE (mg/kg)
TOLUENE (mg/kg)
ETHYLBENZENE (mg/kg)
XYLENES (mg/kg)
MTBE (mg/kg)
NAPHTHALENE (mg/kg)

(4')(442.5 ppm)
0.00074U 0.013U
0.00064U 0.011U
0.00075U 3.00
0.0025U
0.0013U
0.014U

1-METHYLNAPHTHALENE (mg/kg)
2-METHYLNAPHTHALENE (mg/kg)
TRPH (mg/kg)

U = COMPOUND WAS ANALYZED FOR BUT NOT DETECTED
(J) = ANALYTE DETECTED BELOW QUANTITATION LIMITS

THE FGS GROUP

TABLE 4

Groundwater Elevation Summary
Coastal Mart No. 629
3137 South 50th Street
Tampa, Florida

Monitoring Well No.	Relative Elevation	Depth to Groundwater 1/9/95	Relative Groundwater Elevation 1/9/95	Depth to Groundwater 1/28/95	Relative Groundwater Elevation 1/28/95
MW-1	99.47	3.13	96.34	3.05	96.42
MW-2	99.45	3.19	96.20	3.07	96.38
MW-3	100.00	3.92	96.08	3.81	96.19
MW-4	99.53	3.29	96.24	3.15	96.38
MW-5	99.75	3.46	96.29	3.34	96.41
MW-6	100.13	4.00	96.13	3.93	96.20
MW-7	99.79	3.63	96.16	3.51	96.28
MW-8	99.57	3.33	96.24	3.21	96.36
MW-9	99.71	Unable to Locate		3.19	96.52
MW-10	99.87	3.70	96.17	3.58	96.29
DMW-11	100.05	4.16	95.89	4.11	95.94
MW-12	99.53	3.54	95.99	3.40	96.13
MW-13	100.97	7.18	95.71	5.12	95.85
MW-14	99.87	3.78	96.09	3.64	96.23
MW-15	98.92	3.09	95.83	2.86	96.06
MW-16	101.99	—	—	5.82	96.17
MW-17	101.21	—	—	5.19	96.02

NOTES: All measurements are reported in feet and taken from top of casing.
Elevations are relative to an arbitrary benchmark of 100.0' established on-site.

TABLE 2: GROUNDWATER ELEVATION TABLE

Facility Name: C Mart #629
Facility ID: 298625235

All Measurements = Feet
FP = Free Product
UK = Unknown
NM= Not Measured

WELL NO.	MW-1		MW-3		MW-4		MW-18		MW-19		MW-20	
DIAMETER	2	in.	2	in.	2	in.	2	in.	2	in.	2	in.
WELL DEPTH	12.50	feet	12.50	feet	12.50	feet	12.0	feet	12.0	feet	12.0	feet
SCREEN INTERVAL	2.5-12.5	feet	2.5-12.5	feet	2.5-12.5	feet	2-12	feet	2-12	feet	2-12	feet
TOC ELEVATION	30.98	feet	31.62	feet	31.33	feet	31.51	feet	31.40	feet	31.80	feet

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
01/30/13	27.38	3.60		27.18	4.44													
02/12/15	29.18	1.80		28.89	2.73		29.35	1.98		29.48	2.03		29.49	1.91		29.37	2.43	
06/01/16																		
11/22/16																		
01/24/18										27.21	4.30					27.02	4.78	
02/19/19										27.11	4.40					28.09	3.71	
08/14/19										30.47	1.04					30.89	0.91	
01/03/20										28.70	2.81					28.97	2.83	
04/02/20										28.39	3.12					26.83	4.97	
07/07/20																28.28	3.52	
07/08/20										28.76	2.75							
10/12/20										28.76	2.75					28.30	3.50	

WELL NO.	MW-21		MW-22		MW-23		MW-24		MW-25		DW-1	
DIAMETER	2	in.	2	in.	2	in.	2	in.	2	in.	2	in.
WELL DEPTH	12.0	feet	12.0	feet	12.0	feet	12.0	feet	12.0	feet	12.00	feet
SCREEN INTERVAL	2-12	feet	2-12	feet	2-12	feet	2-12	feet	2-12	feet	2-12	feet
TOC ELEVATION	31.35	feet	31.24	feet	30.79	feet	30.33	feet	30.00	feet	31.13	feet

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
01/30/13																		
02/12/15	29.04	2.31		29.43	1.81		28.93	1.86		28.94	1.39		28.93	1.07		18.10	13.03	
06/01/16	26.55	4.80					26.10	4.69		26.44	3.89							
11/22/16	26.63	4.72					26.49	4.30		26.34	3.99							
01/24/18	26.89	4.46		27.18	4.05		26.47	4.32		26.75	3.58		26.40	3.60		26.67	4.46	
11/15/18	24.63	6.72						Destroyed										
02/19/19	27.33	4.02		28.28	2.96					27.76	2.57		27.39	2.61				
05/15/19	26.92	4.43																
08/14/19	30.28	1.07		31.24	0.00					30.33	0.00		30.00	0.00				
01/03/20	28.16	3.19		28.60	2.64					27.82	2.51		27.87	2.13				
04/02/20	26.44	4.91								26.16	4.17		26.15	3.85				
07/07/20	28.25	3.10		28.29	2.95					27.62	2.71		27.80	2.20				
10/12/20	27.94	3.41		28.48	2.76					27.58	2.75		27.80	2.20				

TABLE 2: GROUNDWATER ELEVATION TABLE

Facility Name: C Mart #629
Facility ID: 298625235

All Measurements = Feet
FP = Free Product
UK = Unknown
NM= Not Measured

WELL NO.	TMW-1		TMW-2		TMW-3		TMW-4		TMW-5		TMW-5R	
DIAMETER	1	in.	1	in.	1	in.	1	in.	1	in.	2	in.
WELL DEPTH	8.50	feet	8.50	feet	8.50	feet	8.50	feet	8.50	feet	12.00	feet
SCREEN INTERVAL	0-8.5	feet	0-8.5	feet	0-8.5	feet	0-8.5	feet	0-8.5	feet	2-12	feet
TOC ELEVATION		feet		feet		feet		feet		feet	31.50	feet

DATE	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
01/29/13		6.21						6.50										
01/30/13					6.70						6.33			6.30				
09/17/21																29.15	2.35	
12/20/21																27.15	4.35	

ENVIRONMENTAL PROTECTION COMMISSION
HILLSBOROUGH COUNTY

Roger P. Stewart Center
3629 Queen Palm Dr. • Tampa, FL 33619
Ph: (813) 627-2600
Fax Numbers (813):

Admin.	627-2620	Waste	627-2640
Legal	627-2602	Wetlands	627-2630
Water	627-2670	ERM	627-2650
Air	627-2660	Lab	272-5157

Executive Director
Richard D. Garrity, Ph.D.

RECEIVED
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
2005 DEC 12 A 10:52
BUREAU OF PETROLEUM
STORAGE SYSTEMS
TEAM 2

MEMORANDUM

DATE: December 6, 2005

TO: Lewis Cornman through Matt Mayo, FDEP
MRM 12/12/05

FROM: Michael McKelvey MM

SUBJECT: DISCHARGE RESCISSION

EPC staff reviewed the subject site file and concluded that the 10/16/86 discharge is data entry error. Therefore, the discharge should be deleted from PCT. Please forward to Lewis Cornman for processing.

FAC #298625235

FACILITY – C Mart #629

FAC ADDRESS – 3137 South 50th Street, Tampa

DISCHARGE – October 16, 1986

RECEIVED
D.E.P.
2005 DEC 12 AM 11:23
STORAGE TANK
REGULATION

There is no documentation of this discharge in EPC or DEP records. Please see the attached e-mail.

If you have any questions or require additional information, please call.

Thank you.

Discharge Deleted from PCT
12/12/05 1:42 pm
MM

EDM 12 – FDOT ROW/7-Eleven Store

2801 S 50th St and 4919 Causeway Blvd

Shaw® Shaw Environmental, Inc.

A World of **Solutions**™

May 14, 2008

Shaw Project No. 125861

Ms. Monica Hamby
Environmental Protection Commission of Hillsborough County
Roger P. Stewart Center
3629 Queen Palm Drive, Second Floor South
Tampa, Florida 33619-1309

Re: Tank Closure Report/Contamination Discovery Notification
FDOT Right-of-Way, Southwest Corner of South 50th Street and State Road 676
2801 South 5th Street and 4919 Causeway Boulevard (State Road 676)
Tampa, Hillsborough County, Florida
FDOT Financial Project Number 258399-1-C2-01

9810315

Dear Ms. Hamby:

Shaw Environmental, Inc. (Shaw) is submitting this Tank Closure Report for the Florida Department of Transportation (FDOT) Right-of-Way (ROW) site, located on the southwest corner of South 50th Street and State Road 676 in front of 2801 South 50th Street and 4919 Causeway Boulevard (SR 676) in Tampa, Florida. Shaw, under contract with the FDOT, discovered an unregistered underground storage tank (UST) within the FDOT ROW in front of the referenced facility while performing utility structure installation/support services in advance of roadway construction activities. A site location map is enclosed as **Figure 1** and the approximate location of the UST is displayed on **Figure 2**.

Upon discovery of the UST, Shaw notified the Environmental Protection Commission of Hillsborough County (EPCHC) and reviewed available Florida Department of Environmental Protection (FDEP) databases to evaluate the facility's storage system history. Neither resource had record of USTs registered at the site of this size at this location. The EPCHC informed Shaw that the UST would have to be registered prior to its removal. A Storage Tank Facility Registration Form (**Attachment A**) was completed on March 18, 2008.

On March 18, 2008, Shaw removed the UST. The tank contained sand that was removed by Aqua Clean Environmental (Aqua Clean) prior to removal of the tank. A copy of he Aqua Clean manifest is included in **Attachment A**. The tank was then removed, degassed, cut, and transported by Shaw to Commercial Metals Company of Tampa, for disposal as scrap metal. The UST was determined to be a single-walled, steel tank with an approximate capacity of 1,000 gallons. Copies of the he Application for Closure of Pollutant Storage Tank Systems, and Underground Storage System Installation and Removal Form for Certified Contractors are in **Attachment A**.

On March 18, 2008, following the removal of the UST, Shaw assessed the soil and groundwater in the former UST area. A total of 16 perimeter excavation samples (samples SS-1 through SS-16) were collected at approximately 2 to 3 feet below land surface (ft bls) for field organic vapor screening using a PE Photovac organic vapor analyzer equipped with a flame-ionization detector. Net hydrocarbon concentrations varied between no instrument response and 220 parts per million. The field screening results are summarized in **Table 1**. The approximate sample locations are displayed on **Figure 2**. Confirmatory soil samples were collected from the perimeter of the excavation from SS-3, SS-8, SS-9, and SS-10 at 2 ft bls, and at SS-12 at 3 ft bls for analyses of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by US Environmental Protection Agency (EPA) Method 8260B, for polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8310, and for total recoverable petroleum hydrocarbons (TRPH) by FDEP Method FL-PRO by Xenco Laboratories (Xenco) in Tampa, Florida. The soil analytical results, summarized in **Table 2**, indicated that

725 U.S. HIGHWAY 301 SOUTH • TAMPA, FL 33619
MAIN 813.626.2336 • FAX 813.626.1663 • THE SHAW GROUP INC.®

benzo(a)pyrene and the benzo(a)pyrene equivalent concentrations exceeded Chapter 62-777, Florida Administrative Code (FAC), Soil Cleanup Target Levels (SCTLs) in the soil sample collected from SS-8 at 2 ft bls. The samples collected from the other locations yielded hydrocarbon concentrations below SCTLs.

Following soil sample collection, Shaw installed and sampled a temporary well (TW-1) approximately 5 feet west of the former tank area (**Figure 2**). The temporary well was constructed so that the screen interval intersected the water table, which was observed at approximately 1.4 ft bls. The sample was analyzed by Xenco for aromatic and halogenated volatiles by EPA Method 8260, for PAHs by EPA Method 8310, for TRPH by FDEP Method FL-PRO, for 1,2-dibromoethane by EPA Method 8011, and for lead by EPA Method 6020A. The groundwater analytical results, summarized in **Table 3**, indicated dissolved hydrocarbon concentrations did not exceed Chapter 62-777, FAC, Groundwater Cleanup Target Levels (GCTLs). A copy of the soil and groundwater laboratory analytical report, chain-of-custody record, groundwater sampling logs, and field calibration sheets are in **Attachment B**. Copies of the Benzo(a)pyrene Conversion Tables follow **Table 3**.

On March 18, 2008, the FDOT authorized Shaw to excavate the contaminated soils in the area for offsite disposal. The contaminated soil and debris was removed from the excavation by Aqua Clean and staged onsite along with the other contaminated soil generated during construction activities, including the contaminated soil generated at the former Checkers pond (Former Chevron No. 48098, Facility ID No. 299100126) and during the tank closure activities at the corner of Sagasta Street and State Road 676. The excavation was then backfilled and compacted with FDOT-certified clean fill material.

Between March 28, 2008, and April 4, 2008, the contaminated soil was loaded and transported by Omni Waste for disposal at the Omni Waste facility in St. Cloud, Florida. The disposal weight tickets and waste manifests (**Attachment C**) indicate that approximately 4,078.15 tons of contaminated soil and debris was removed from the site.

Based upon the presence of hydrocarbon-impacted soil, a Discharge Report Form (**Attachment A**) was filed on April 2, 2008. Historic records indicate that this was the first discharge recorded for the facility.

Construction activities have resumed in the area of the tank excavation. No further site assessment or remediation can be completed.

Should you have any questions, please call me at (813) 612-3644.

Sincerely,
Shaw Environmental, Inc.

Michael A. Gonsalves, P.G.
Contract Manager

Attachments: Tables
Figures
Attachment A—Storage Tank Facility Registration Form, Aqua Clean Manifest, Application for Closure of Pollutant Storage Tank Systems, Underground Storage System Installation and Removal Form for Certified Contractors, and Discharge Report Form
Attachment B—Laboratory Analytical Report, Chain-of-Custody Record, Groundwater Sampling Logs, and Field Calibration Sheets
Attachment C—Disposal Weigh Tickets and Waste Manifests

cc: R. Gonzalez, FDOT

Florida Department of Transportation

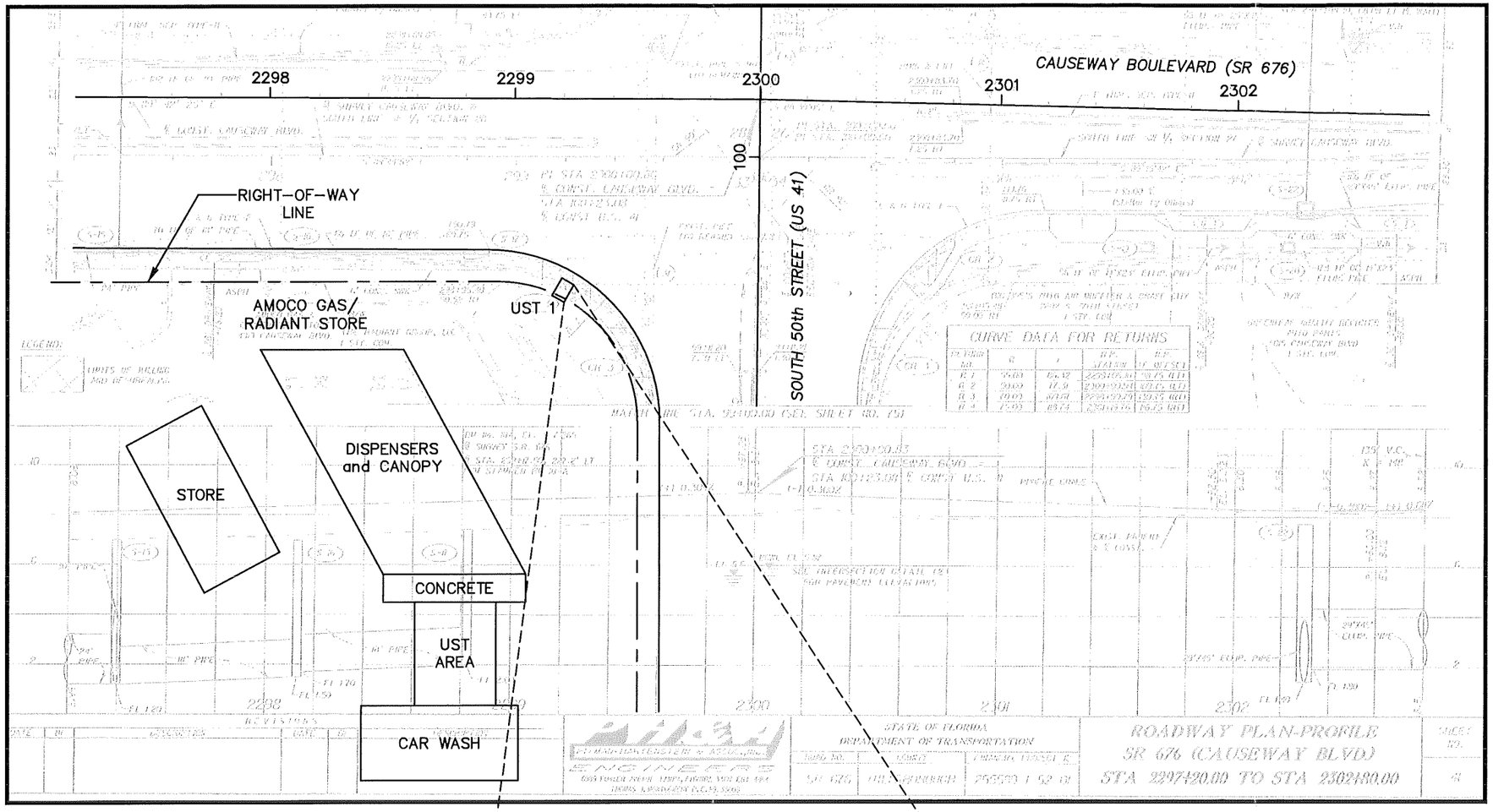
TABLE 2: SOIL ANALYTICAL SUMMARY

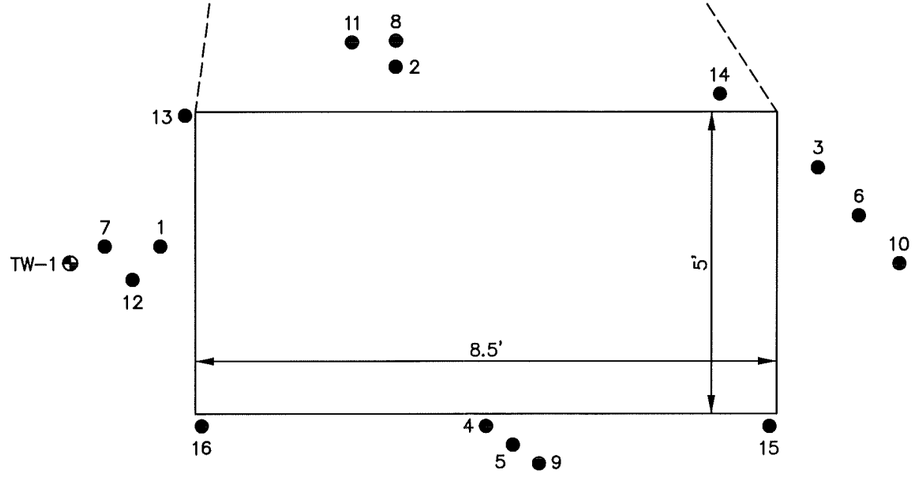
Radiant Store
Southwest Corner of South 50th Street and
State Road 676 (Causeway Boulevard)
Tampa, Hillsborough County, Florida

Sample			FL-PRO (mg/kg)	BTEX-MTBE by SW 8260B (mg/kg)							PAHs by EPA 8310 (mg/kg)															
Sample ID	Date	Requested Analyses	TRPH	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Total Xylenes	MTBE	Acenaphthene	Anthracene	benzo(g,h,i) perylene	Fluoranthene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene	Benzo(a)pyrene Equivalent*	Benzo(a) pyrene	Benzo(a) anthracene	Benzo(b) fluroanthene	Benzo(k) fluoranthene	Chrysene	Dibenzo(a,h) anthracene	Indeno(1,2,3-cd) pyrene
Toxic Equivalency Factor			**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**1**	**0.1**	**0.1**	**0.01**	**0.001**	**1**	**0.1**
SCTLs - Direct Exposure Residental			**460**	**1.2**	**7500**	**1500**	**NS**	**NS**	**130**	**4400**	**2,400**	**21,000**	**2500**	**3200**	**200**	**210**	**55**	**2200**	**2400**	**0.1**	**0.1**	*	*	*	*	*	*
SCTLs - Direct Exposure Industrial			**2,700**	**1.7**	**60,000**	**9200**	**NS**	**NS**	**700**	**24,000**	**20,000**	**300,000**	**52,000**	**59,000**	**1800**	**2100**	**300**	**36,000**	**45,000**	**0.7**	**0.7**	*	*	*	*	*	*
SCTLs - Leachability Criteria			**340**	**0.007**	**0.5**	**0.6**	**NS**	**NS**	**0.2**	**0.09**	**2.1**	**2,500**	**32,000**	**1200**	**3.1**	**8.5**	**1.2**	**250**	**880**	**8**	**8**	**0.8**	**2.4**	**24**	**77**	**0.7**	**6.6**
SS-3 @ 2'	03/18/08	KAG	267.17	0.0003 U	0.0004 U	0.0003 U	0.0007 U	0.0002 U	0.0009 U	0.0002 U	0.008 U	0.003 U	0.003 U	0.078	0.015 (I)	0.018 (I)	0.015 (I)	0.030 (I)	0.070	0.03945	0.029 (I)	0.023 (I)	0.062	0.020 (I)	0.050 (I)	0.003 U	0.004 U
SS-8 @ 2'	03/18/08	KAG	42.964	0.0002 U	0.0003 U	0.0002 U	0.0006 U	0.0002 U	0.0008 U	0.0001 U	0.015 (I)	0.024	0.622	1.58	0.006 U	0.009 U	0.009 U	0.671	1.29	**0.56628**	**0.329**	0.533	0.642	0.300	0.844	0.048	0.679
SS-9 @ 2'	03/18/08	KAG	110.641	0.0002 U	0.0004 U	0.0003 U	0.0007 U	0.0002 U	0.0009 U	0.0002 U	0.001 U	0.001 U	0.030	0.037	0.024	0.019	0.009	0.007	0.031	0.02334	0.016	0.006	0.029	0.011	0.029	0.001 U	0.032
SS-10 @ 2'	03/18/08	KAG	0.001 U	0.0002 U	0.0003 U	0.0002 U	0.0005 U	0.0002 U	0.0007 U	0.0001 U	0.001 U	0.001 U	0.001 U	0.004 (I)	0.001 U	0.001 U	0.001 U	0.002 U	0.003 (I)		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SS-12 @ 3'	03/18/08	KAG	32.099	0.0003 U	0.0004 U	0.0003 U	0.0007 U	0.0002 U	0.0009 U	0.0002 U	0.008 U	0.004 U	0.139	0.096	0.006 U	0.009 U	0.013 (I)	0.034 (I)	0.081	0.10919	0.059	0.062	0.116	0.051 (I)	0.079	0.017 (I)	0.148

Notes: SCTLs = Soil Cleanup Target Levels per Chapter 62-777, Table II, Florida Administrative Code
KAG = Kerosene Analytic Group (BTEX-MTBE by 8260B, TRPH by FL-PRO, PAHs by 8310)
ft = feet
mg/kg = milligrams per kilogram
MTBE = methyl tertiary butyl ether
NA = not applicable
NS = no standard
TRPH = total recoverable petroleum hydrocarbons
(I) = Denotes concentration >/= the Method Detection Limit, but < the Reporting Limit
U = not detected
* = denotes SCTL obtained using Benzo(a)pyrene Conversion Table
Benzo(a)pyrene Equivalent Concentrations only caculated if the noted analytes were detected in the sample
Bold values indicate analyte detected
Bold and shaded cells indicate SCTLs exceeded
The FDEP Benzo(a)Pyrene Conversion Tables follow the Soil Analytiacal Summary.

DRAWN BY	SDJF	
CHECKED BY		
APPROVED BY	4-3-08	
DRAWING NUMBER		125861-B10





LEGEND:

- TEMPORARY MONITORING WELL LOCATION
- SOIL SAMPLE LOCATION

SCALE

0 50 100 FEET

FIGURE 2

FACILITY DIAGRAM
FDOT RIGHT-OF-WAY
SOUTHWEST CORNER OF SOUTH 50TH STREET AND SR 676
2801 SOUTH 50TH STREET AND
4919 CAUSEWAY BOULEVARD
TAMPA, HILLSBOROUGH COUNTY, FLORIDA

PREPARED FOR

FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT VII
TAMPA, FLORIDA

Shaw Shaw Environmental, Inc.

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	[X] New Registration	[ ] New Owner	[ ] New Tanks
	[ ] Facility Info Update/Correction	[ ] Owner Info Update/Correction	[ ] Tank Info Update/Correction

A. FACILITY INFORMATION

County: Hillsborough | DEP Facility ID:

Facility Name: FDOT Right-of-Way, SW corner of South 50th St and SR 676 (Causeway Blvd.)
Facility Address: 2801 S. 50th St & 4919 Causeway Blvd City: Tampa Zip: 33619
Facility Contact: NA Business Phone: ( )
Facility Type(s): C: Fuel User, Non-retail NAICS Code: 447190 Financial Responsibility: 1

24 Hour Emergency Contact: Sam Philot Emergency Phone: (727) 798-7391

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: Florida Department of Transportation (FDOT)	Facility - Responsible Person Relation Type:	Effective Date
Mail address: 11201 North McKinley Drive, MS 7-500	[√] Facility Account Owner (pays fees)	
City, ST, Zip: Tampa, Florida 33612-6465	Facility Account Owner information must be provided when the facility contains active or out of service storage tanks on site.	
Contact: Daniel DeForge		
Telephone: 813-975-6459; 800-226-7220 x 27816	STCM Account Number (if known)	
Identify other appropriate facility relationships for this party: [ ] Facility Owner/Operator [X] 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
1	T	U	1000	unknown	z	B	03/17/2008	C	none	X
					2: sand					

Certified Contractor (peforming tank installation or removal): Edward Vehling, Shaw Environmental DBPR License No.: PCC046054

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

Daniel DeForge, FDOT — Printed Name & Title
Daniel DeForge — Signature
AS AGENT FOR FDOT D-7
3/18/08 — Date

Northwest District, 160 Governmental Center Blvd., Pensacola, FL 32501, 850-595-8360
Northeast District, 7825 Baymeadows Way, Suite B200, Jacksonville, FL 32256, 904-448-4300
Central District, 3319 Maguire Blvd., Suite 232, Orlando, FL 32803, 407-894-7555
Southwest District, 3804 Coconut Palm Drive, Tampa, FL 33619, 813-744-6100
Southeast District, 400 North Congress Ave., W Palm Beach, FL 33416, 561-681-6600
South District, 2295 Victoria Ave., Suite 364, Fort Myers, FL 33901, 941-332-6975
Marathon Branch Office, 2796 Overseas Hwy., Suite 221, Marathon, FL 33050, 305-289-2310

Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

11201 N. McKinley Drive
Tampa, FL 33612-6456

District Seven • Intermodal Systems Development • MS 7-500
(813) 975-6119 • (800) 226-7220

STEPHANIE C. KOPELOUSOS
SECRETARY

August 4, 2008

Mr. Michael McKelvey
Environmental Protection Commission of Hillsborough County
Waste Management Division, Cleanup Section
3629 Queen Palm Drive
Tampa, Florida 33619

Dear Mr. McKelvey :

The Florida Department of Transportation (FDOT), District 7 Intermodal Systems Development office (ISD) has received letters from your office requesting intended action for the subject sites listed below:

- FDOT Right of Way, 2801 South 50th Street (U.S. 41) at Causeway Blvd. (S.R. 676), Tampa, Hillsborough County, FDEP Facility ID# 299810315
- FDOT Right of Way, 4902 Causeway Blvd. (S.R. 676) at Sagasta Street, Tampa, Hillsborough County, FDEP Facility ID# 299810130

Limited contamination cleanup was performed during our construction process for each site. This is standard practice for FDOT in areas of known contamination to ensure that worker health and safety is maintained.

Having determined that these sites have pre-existing contamination not caused or exacerbated by FDOT, our position on this matter is clear. FDOT is not subject to any liability due for pre-existing soil or groundwater contamination due solely to its ownership of the property in accordance with Florida Statues (F.S.) Chapter 337.27 (4) (attached). In these situations, FDOT believes the entity that caused the contamination is the responsible party for site assessment and cleanup activities.

At this time, FDOT does not plan to conduct further assessment at the subject sites. If you have any questions please call me at (813)-975-6923 at your convenience.

Sincerely,

Roberto Gonzalez
Administrator

cc: Dan DeForge, FDOT D-7 ISD,
Michael Gonsalves, Shaw Environmental, Inc.

Initials _____
Date _____

U:\HAZ_MAT\EPC Site Rehab Response doc

Select Year: 2008 Go

The 2008 Florida Statutes

Title XXVI PUBLIC TRANSPORTATION	Chapter 337 CONTRACTING; ACQUISITION, DISPOSAL, AND USE OF PROPERTY	View Entire Chapter

337.27 Exercise of power of eminent domain by department; procedure; title; cost.--

(1) The power of eminent domain is vested in the department to condemn all necessary lands and property, including rights of access, air, view, and light, whether public or private, for the purpose of securing and utilizing transportation rights-of-way, including, but not limited to, any lands reasonably necessary for securing applicable permits, areas necessary for management of access, borrow pits, drainage ditches, water retention areas, rest areas, replacement access for landowners whose access is impaired due to the construction of a facility, and replacement rights-of-way for relocated rail and utility facilities; for existing, proposed, or anticipated transportation facilities on the State Highway System or State Park Road System; or in a transportation corridor designated by the department; or for the purposes of screening, relocation, removal, or disposal of junkyards and scrap metal processing facilities. The department shall also have the power to condemn any material and property necessary for such purposes. The secretary of the Department of Transportation may delegate the authority to execute eminent domain resolutions to the department's chief administrative officer of the district in which the property is located, or to the chief administrative officer of the Office of Florida Turnpike if the property is to be acquired for a turnpike system project.

(2) Title to any land acquired in the name of the department vests in the state.

(3) The department is authorized to pay the judgment or compensation, including deposits required, awarded in any such proceedings out of any funds available to the department for the maintenance or construction of any transportation facility on the State Highway System, on the State Park Road System, or in a transportation corridor designated by the department.

(4) When the department acquires property for a transportation facility or in a transportation corridor through the exercise of eminent domain authority, or by purchase or donation, it is not subject to any liability imposed by chapter 376 or chapter 403 for preexisting soil or groundwater contamination due solely to its ownership. This section does not affect the rights or liabilities of any past or future owners of the acquired property nor does it affect the liability of any governmental entity for the results of its actions which create or exacerbate a pollution source. The department and the Department of Environmental Protection may enter into interagency agreements for the performance, funding, and reimbursement of the investigative and remedial acts necessary for property acquired by the department.

History.--s. 106, ch. 29965, 1955; s. 18, ch. 57-318; ss. 23, 35, ch. 69-106; s. 1, ch. 80-312; s. 165, ch. 84-309; s. 2, ch. 84-319; s. 3, ch. 87-164; s. 1, ch. 87-242; s. 18, ch. 88-168; s. 6, ch. 89-232; s. 132, ch. 92-152; s. 166, ch. 94-356; s. 64, ch. 99-385.

EDM 14 – Sunoco

(Former United Oil #215)

4714 Causeway Blvd

MAS ENVIRONMENTAL, LLC

205 N. Armenia Ave., Ste 102 | Tampa, FL 33609 | *Phone* 813.658.8823 | *Fax* 888.694.2822

July 22, 2022

Mr. Whit Council, FCCM
Project Manager II
Waste Management Division`
Via Email at Council@epchc.org

SUBJECT: **Remedial Action Interim Report**
United #215
4714 Causeway Boulevard
Tampa, Hillsborough County, FL
FDEP Facility #: 29/8625197
MAS Project #M51191
Discharge Date: 12/28/1988
Eligibility/Site Score: EDI/6
FDEP PO #: BA1A99

Dear Whit:

MAS Environmental, LLC (MAS) is pleased to provide this Remedial Action Interim Report (RAIR) for the above referenced site. The following report summarizes the field activities completed under Task 2 of Purchase Order # BA1A99.

SITE HISTORY

The United Oil #215 property is currently used as a gas station and convenience store. The site currently contains one (1) 16,000-gallon capacity underground storage tank (UST) containing unleaded gas and one (1) 12,000-gallon capacity UST containing diesel listed in service. The tanks were reportedly installed in April 2009. A site map is presented as **Figure 1**.

According to the FDEP's STCM database, the site previously contained two (2) 8,000-gallon capacity USTs and two (2) 10,000-gallon capacity USTs containing unleaded gas. The tanks were reportedly installed in 1983 and removed in 2000. In addition, the site previously contained two (2) 10,000-gallon capacity USTs containing unleaded gas and diesel. The tanks were reportedly installed in 2001 and removed in 2009.

A Discharge Notification Form (DNF) was submitted in December 1988 as the result of manual testing of the monitoring wells. The discharge was accepted into the FDEP's Early Detection Incentive (EDI) program.

During 1989 and 1990, a preliminary assessment was performed. During the assessment activities, both soil and groundwater contamination was identified.

In 1996, a Contamination Assessment Report (CAR) and CAR addendum were submitted indicating the presence of elevated soil vapor readings mostly in the southwest area of the site. Groundwater contaminants including MTBE, TRPHs, lead, and naphthalenes were detected around the central portion of the site, near the fuel dispenser islands. It was indicated that impacted soil existed beneath the site, possibly extending off-site to the west.

During the UST removal and replacement activities in 2009, a limited source removal (LSR) report and LSR addendum were submitted. The reports indicated that approximately 463 tons of contaminated soils were removed.

In January 2017, a Low-Scored Site Initiative (LSSI) report was submitted. The report indicated the presence of elevated OVA readings and groundwater contaminants including benzene, MTBE, TRPHs, naphthalenes, and total lead. The contamination was determined to be located in the south-central portion of the property.

In December 2018, an Interim Site Assessment Report (SAR) was prepared and submitted. Based on the report, soil contamination, including ethylbenzene and naphthalene was confined to the area near MW-4R. In addition, groundwater contamination was identified in monitoring wells OW-3R, OW-4, MW-4, and MW-4R. The report was reviewed by the FDEP, who recommended the resampling of on-site monitoring well MW-6 for PAH's, that the off-site MW-6 located in the ROW should be reinstalled and sampled for lead, and that DW-1 should be reinstalled and sampled for BTEX/MTBE. In addition they recommended, a shallow monitoring well should be installed on the SE property boundary to fully delineate the horizontal extent of the groundwater plume and a vertical extent well should be installed within 5 feet and NW of CW-4 to fully delineate the vertical extent of the groundwater plume.

In May 2020, the site entered into the Florida Department of Environmental Protections (FDEPs) Advanced Cleanup (AC) program designating MAS as the contractor of choice. The current Purchase Order BA1A99 was issued on November 9, 2021. The following report summarizes the assessment activities completed under Task 2.

SUMMARY OF FIELD ACTIVITIES

Pre-Drilling Site Meeting

On January 24, 2022, MAS hosted a pre-drilling site meeting. Copies of the field notes and meeting minutes are provided in **Appendix A**.

Offsite Access Agreement

Between November 2021 and April 2022 MAS made multiple attempts to contact the offsite property owner at 4717 Causeway Blvd, Tampa, Florida. The property owner was

not responsive to requests to install replacement monitoring wells MW-6R and MW-7R on the property.

Installation of the monitoring wells in the Right-of-Way at 4714 Causeway Blvd was not possible due to underground utilities, including an ammonia pipe line.

MAS consulted Hillsborough County Environmental Protection Commission (EPC) on April 15, 2022 and both parties agreed to continue with the on-site portion of the scope of work.

Soil Borings

On May 2, 2022, MAS personnel mobilized to site with NET Drilling, Inc (NET) to advance six (6) soil borings at the locations depicted on **Figure 2**.

Soil borings SB-1, SB-2, SB-4R, and SB-5R were advanced to four (4) feet below land surface (bls), and soil borings SB-3 and SB-7R were advanced to seven (7) feet bls per the FDEP Scope of Work (SOW). Soil samples were collected at one (1) foot intervals, placed into mason jars, capped with foil, and the head space screened using an Organic Vapor Analyzer (OVA) meter for petroleum vapors.

An additional soil boring was advanced at the location of the new monitoring well MW-10 prior to the installation of the monitoring well.

The OVA screening results are summarized in **Table 1** and depicted on **Figure 2**. Copies of the field notes, boring logs, and calibration logs are provided in **Appendix B**.

Soil Sampling

On May 2, 2022, MAS personnel collected six (6) soils samples, one (1) from each soil boring at the highest vadose zone OVA reading per the table below:

Boring No.	Date Collected	Depth to Water (ft bls)	Sample Interval (ft bls)	Net OVA Reading (ppm)
SB-1	5/2/2022	3	2	< 1
SB-2	5/2/2022	3	2	3
SB-3	5/2/2022	3	2	437
SB-4R	5/2/2022	3	2	2
SB-5R	5/2/2022	3	2	32
SB-7R	5/2/2022	3	2	62

The collected soil samples were submitted to the state-certified laboratory Advanced Environmental Laboratories, Inc (AEL) for the analysis of BTEX/MTBE using EPA

Method 8260, PAHs using EPA Method 8270, and TRPHs using State Method FL-Pro. Additional soil samples were collected using an Encore for the contingent analysis of SPLPs, and extra soil was collected for the contingent analysis of TRPH fractionation.

Copies of the boring logs, calibration logs, and field notes are provided in **Appendix B**. The soil analytical results are summarized in **Tables 2A** to **2C** and depicted on **Figure 3**.

Monitoring Well Installation

On May 2, 2022, MAS personnel supervised the installation of one (1) monitoring well, designated MW-10, by NET Drilling, Inc.

The monitoring well was constructed of ten (10) feet of 2-inch diameter 0.01-inch slotted schedule 40 PVC connected to two (2) feet of well riser to a total depth of twelve (12) feet bls. The annual space was back filled from terminal depth by eleven (11) feet of 20/30 coarse sand, overlain by approximately 0.5 feet of 30/65 fine sand seal, with the remainder of the annular space filled with Portland Type II cement.

Copies of the well construction logs, photographic documentation, and field notes are provided in **Appendix B**.

Soil IDW

On May 2, 2022, one (1) drum was generated during the soil boring and monitoring well activities. The drum was removed from site by Erwin Remediation, Inc on June 1, 2022.

Copies of the waste manifest, weight ticket, and photographic documentation are provided in **Appendix C**.

Groundwater Sampling

On May 11 and 12, 2022, MAS personnel mobilized to site to collect groundwater samples from one (1) new monitoring well, designated MW-10, and thirteen (13) existing monitoring wells designated CW-1R, CW-2R, CW-3R, CW-4, MW-1R, MW-4, MW-4R, MW-5R, MW-6, MW-8R, MW-9, DW-1R, and DW-2.

The collected groundwater samples were sent to the State-Certified laboratory AEL for analyses of BTEX/MTBE using EPA Method 8260, PAHs using EPA Method 8270 SIM, and TRPHs using State Method FL-Pro. Groundwater sample collection was performed per the DEP SOP 001/01 (effective April 10, 2002, revised February 1, 2004) and PCS-005 (*Variances and Clarifications to the Groundwater Sampling Standard Operating Procedure for Bureau of Petroleum Storage Systems Sites (BCPSS) new and effective May 2, 2005*) methods. The water quality meters utilized during the sample collection were: YSI (pH, conductivity, dissolved oxygen and temperature), and Hach 2100Q (turbidity).

Prior to sample collection, the monitoring wells were gauged for the depth to water. The calculated groundwater elevation data is summarized on **Table 3**. A groundwater elevation map for May 11, 2022 is presented in **Figure 4**. Excess groundwater generated during the purging activities was discharged directly onto the paved surface in the immediate vicinity of the monitoring wells and no disposal costs were incurred. To eliminate the risk of cross contamination, all wells were purged and sampled with dedicated tubing. The groundwater samples were packed in ice and submitted under proper chain of custody documentation to the certified laboratory for analysis.

The completed groundwater sampling logs, calibration logs, and field notes are provided in **Appendix D**.

SUMMARY OF ANALYTICAL RESULTS

Site Lithology

The lithology described beneath the site on May 2, 2022 was generally described as fine sand with fragmented rock down to approximately five (5) feet bls, underlain by sandy clay to clay to approximately twelve (12) feet bls. This lithologic description differs from the 1996 and 2018 descriptions:

The 1996 CAR described the lithology beneath this site as very fine sand to approximately four (4) feet bls, clay at approximately four (4) feet bls, and medium to fine sand with shell fragments from 5 to 25 feet bls, with increasing shell content as depth increased.

In 2018, SPCI characterized the lithology beneath the site as fine sand from 0.5 to approximately 4 feet bls, silty clayey sand from approximately 4 to 6 feet bls, and silty fine sand with shell fragments from approximately 6 to 12 feet bls.

Soil OVA Results

On May 2, 2022, the soil OVA results ranged between less than 1 and 688 parts per million (ppm). The highest OVA result was identified at three (3) feet bls at soil boring MW-10, which was in the saturated zone on May 2, 2022. The highest vadose (dry) zone OVA result was 437 ppm at two (2) feet bls at the soil boring SB-3. On the date of soil sampling, the water table was approximately two (2) to three (3) feet bls.

A summary of the OVA results is provided in **Table 1** and depicted on **Figure 2**.

Soil Analytical Results

The soil analytical results did not identify any constituents of concern in excess of their respective Soil Cleanup Target Levels (SCTLs) from any of the collected soil samples.

However, the soil sample SB-5R @ 2' had a Benzo(a)Pyrene (BaP) Equivalent exceedance, while none of the individual results exceeded their respective SCTLs.

MAS suspects that a piece of asphalt may have contaminated the soil sample SB-5R @ 2' causing the BaP Equivalent exceedance.

A summary of the soil analytical results are provided in **Tables 2A** to **2C**, and the Benzo(a)Pyrene conversion tables are provided after **Table 2C**. The soil analytical results are depicted on **Figure 3**. A copy of the soil laboratory analytical report is provided in **Appendix E**.

Depth to Groundwater and Groundwater Flow Direction

The depth to groundwater ranged between 2.38 and 3.20 feet blow top of casing (btoc) on May 11, 2022. The groundwater flow direction was towards the east on May 11, 2022.

Groundwater Analytical Results

The groundwater analytical results from the samples collected on May 11 and 12, 2022 identified one (1) or more constituents of concern in excess of their respective Groundwater Cleanup Target Levels (GCTLs), per Chapter 62-780, FAC, from monitoring wells MW-4, MW-4R, MW-10, and CW-4. Monitoring well MW-10 had the Naphthalene concentration exceed its Natural Attenuation Default Concentrations (NADCs).

The groundwater analytical results are summarized in **Tables 4A** to **4C** and depicted on **Figure 5**. A copy of the groundwater laboratory analytical report is provided in **Appendix E**.

RECOMMENDATIONS AND CONCLUSIONS

- MAS completed the pre-drilling site meeting on January 24, 2022;
- The OVA results from May 2, 2022 ranged between less than 1 ppm and 688 ppm. The highest vadose zone OVA result was 437 ppm at SB-3 and the highest saturated zone OVA result was 688 ppm at MW-10;
- The soil analytical results from May 2, 2022 did not identify any individual constituents of concern in excess of their respective SCTLs;
- The depth to groundwater ranged between 2.38 and 3.20 feet btoc on May 11, 2022;
- The groundwater analytical results from May 11 and 12, 2022 identified one (1) or more constituents of concern in excess of their results GCTLs from monitoring wells MW-4, MW-4R, MW-10, and CW-4;

- The groundwater flow direction beneath the site on May 11, 2022 was towards the east;

- The groundwater analytical results identified Naphthalene above its respective NADC at monitoring well MW-10.

Based on the soil and groundwater analytical results, MAS recommends the development of a Pilot Test Plan.

Should you have any questions concerning this report or require additional information, please contact the undersigned at (813) 658-8823 or via email at rschroeder@mas-env.com and tbennett@mas-env.com.

Sincerely,
MAS Environmental, LLC

Robert Schroeder
Project Scientist

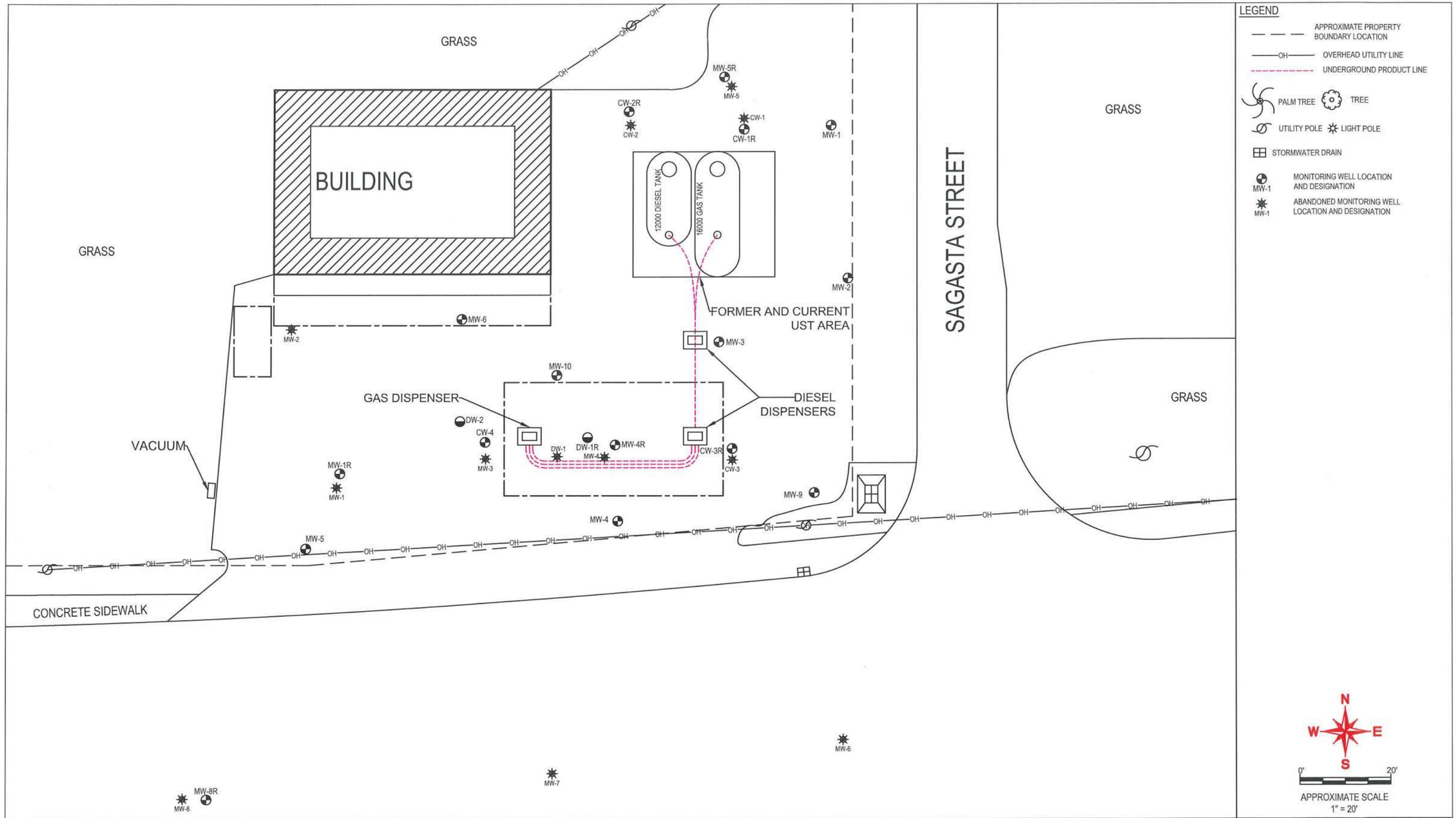
Thomas H Bennett
Digitally signed by Thomas H Bennett
Date: 2022.07.22 16:48:08 -04'00'

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY THOMAS H. BENNETT, PE ON THE DATE ADJACENT TO THIS SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED, AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

THOMAS H. BENNETT LICENSE No. 55559 STATE OF FLORIDA PROFESSIONAL ENGINEER

Thomas H. Bennett, P.E.
Senior Engineer
Florida License No.: 55559

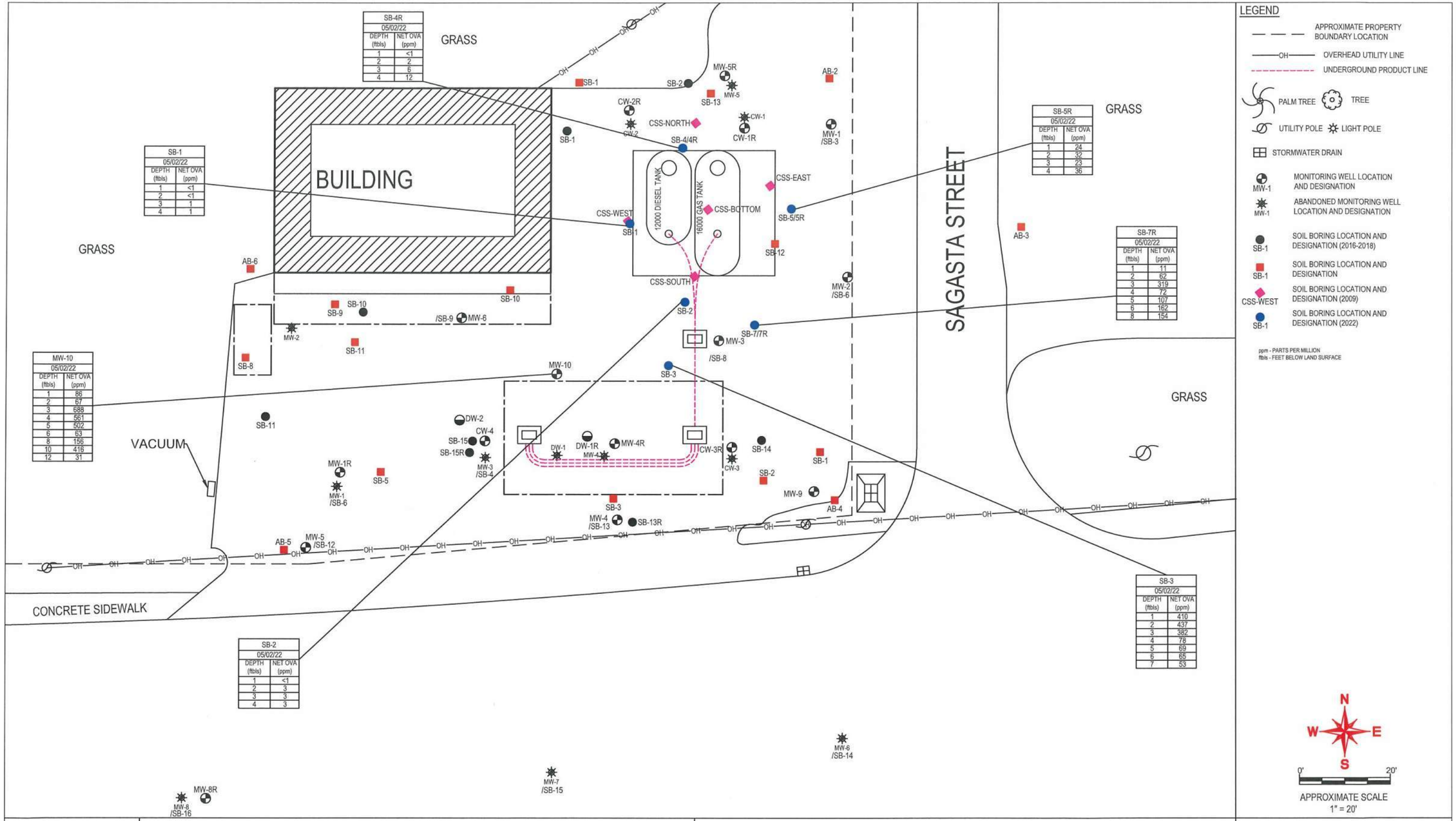


MAS ENVIRONMENTAL, LLC

UNITED OIL #215
4714 CAUSEWAY BLVD
TAMPA, HILLSBOROUGH COUNTY, FLORIDA
FDEP FAC. ID. NO.: 29/8625197

SITE MAP

FIGURE
1
PROJECT No.
M51191



SB-4R	
05/02/22	
DEPTH (ftbls)	NET OVA (ppm)
1	<1
2	2
3	6
4	12

SB-1	
05/02/22	
DEPTH (ftbls)	NET OVA (ppm)
1	<1
2	<1
3	1
4	1

MW-10	
05/02/22	
DEPTH (ftbls)	NET OVA (ppm)
1	86
2	67
3	688
4	561
5	502
6	63
8	156
10	416
12	31

SB-2	
05/02/22	
DEPTH (ftbls)	NET OVA (ppm)
1	<1
2	3
3	3
4	3

SB-5R	
05/02/22	
DEPTH (ftbls)	NET OVA (ppm)
1	24
2	32
3	23
4	36

SB-7R	
05/02/22	
DEPTH (ftbls)	NET OVA (ppm)
1	11
2	62
3	319
4	72
5	107
6	162
8	154

SB-3	
05/02/22	
DEPTH (ftbls)	NET OVA (ppm)
1	410
2	437
3	382
4	78
5	69
6	65
7	53

LEGEND

- APPROXIMATE PROPERTY BOUNDARY LOCATION
- OH — OVERHEAD UTILITY LINE
- UNDERGROUND PRODUCT LINE
- PALM TREE
- TREE
- UTILITY POLE
- LIGHT POLE
- STORMWATER DRAIN
- MW-1 — MONITORING WELL LOCATION AND DESIGNATION
- MW-1 — ABANDONED MONITORING WELL LOCATION AND DESIGNATION
- SB-1 — SOIL BORING LOCATION AND DESIGNATION (2016-2018)
- SB-1 — SOIL BORING LOCATION AND DESIGNATION
- CSS-WEST — SOIL BORING LOCATION AND DESIGNATION (2009)
- SB-1 — SOIL BORING LOCATION AND DESIGNATION (2022)

ppm - PARTS PER MILLION
ftbls - FEET BELOW LAND SURFACE

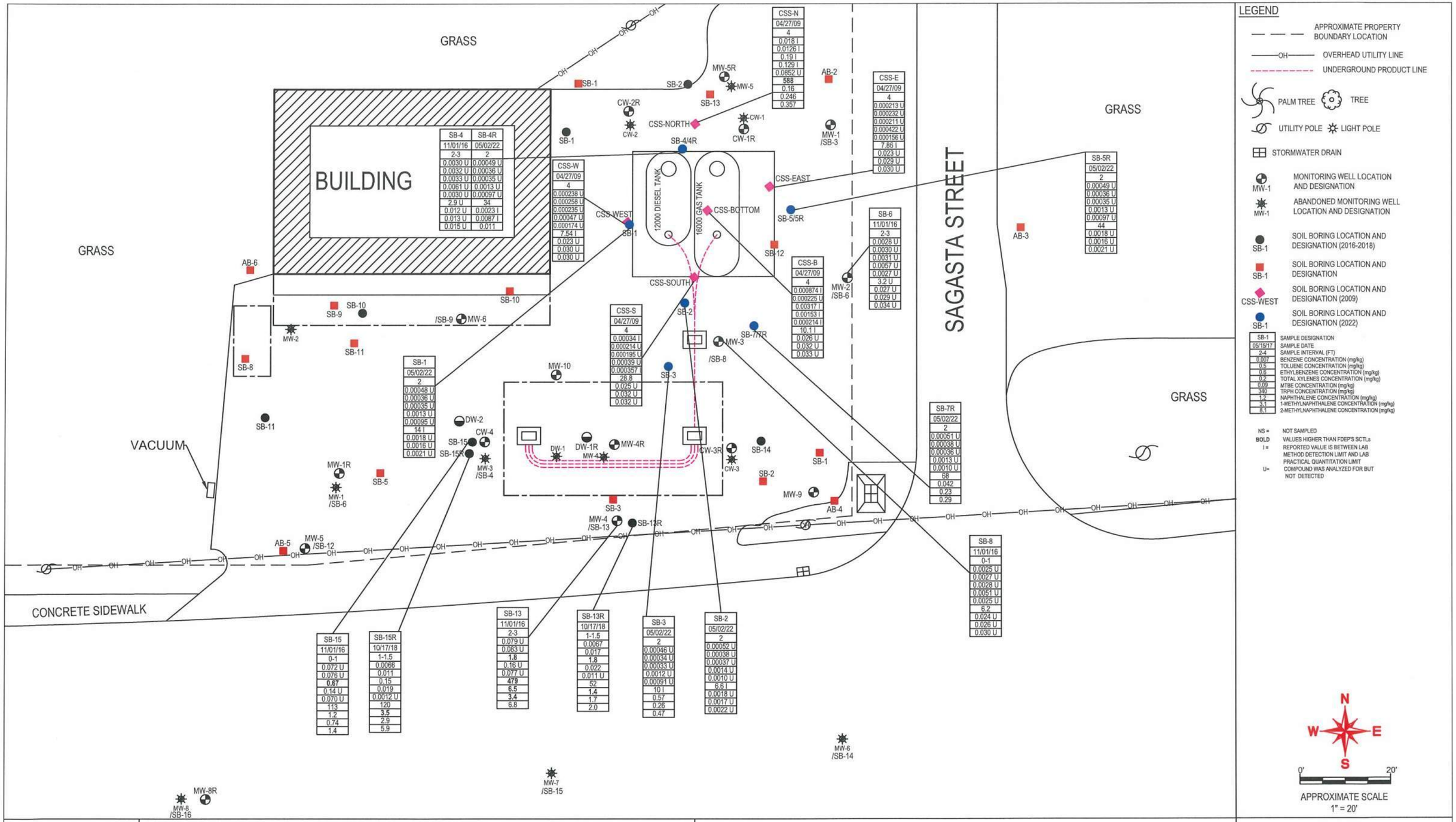
APPROXIMATE SCALE
1" = 20'

MAS ENVIRONMENTAL, LLC

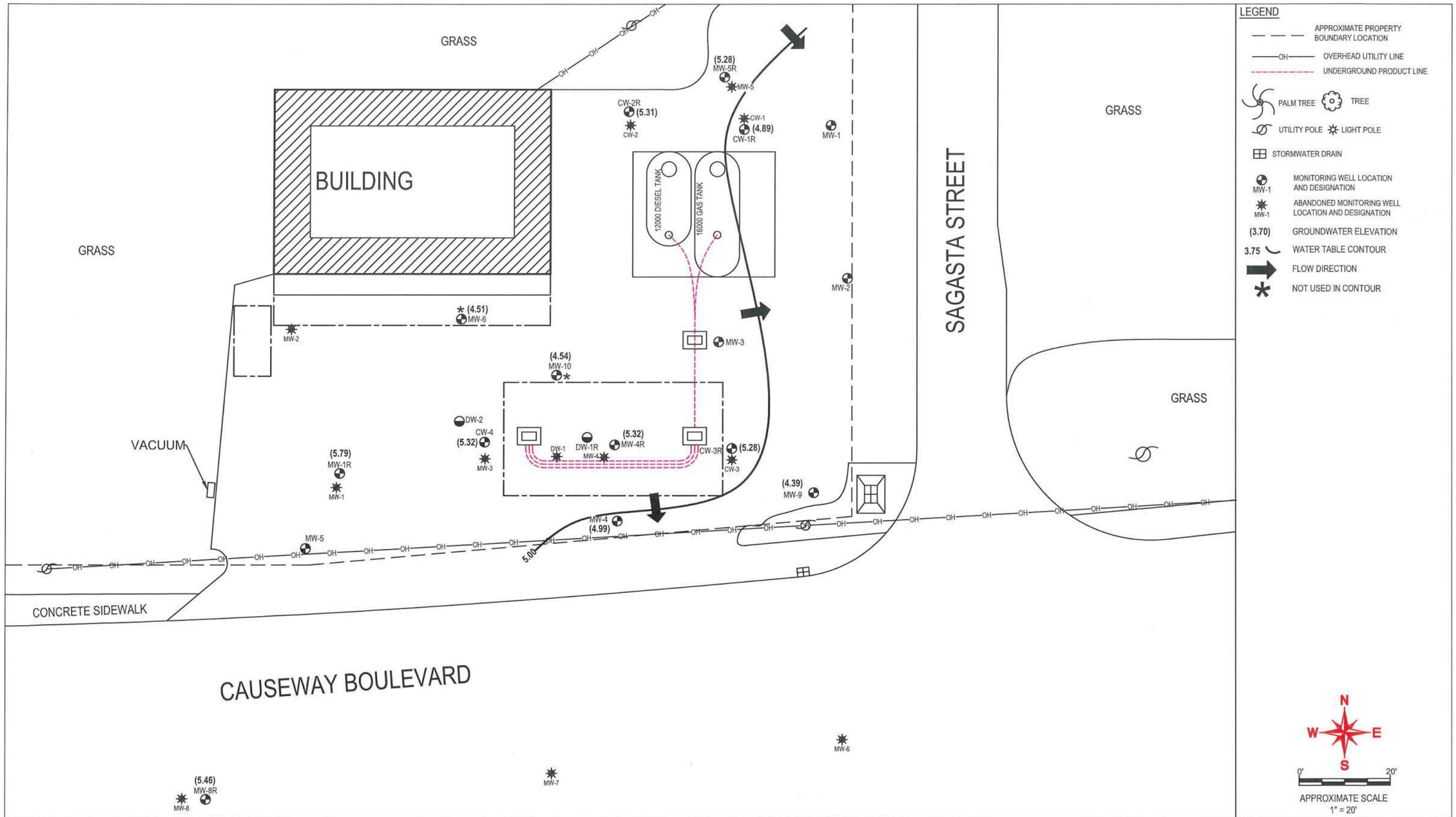
UNITED OIL #215
4714 CAUSEWAY BLVD
TAMPA, HILLSBOROUGH COUNTY, FLORIDA
FDEP FAC. ID. NO.: 29/8625197

SOIL OVA HEADSPACE SUMMARY MAP (05/02/22)

FIGURE
2
PROJECT No.
M51191



MAS ENVIRONMENTAL, LLC	UNITED OIL #215 4714 CAUSEWAY BLVD TAMPA, HILLSBOROUGH COUNTY, FLORIDA FDEP FAC. ID. NO.: 29/8625197	SOIL ANALYTICAL SUMMARY MAP (04/27/09, 11/01/16, 10/17/18 & 05/02/22)	FIGURE 3 PROJECT No. M51191

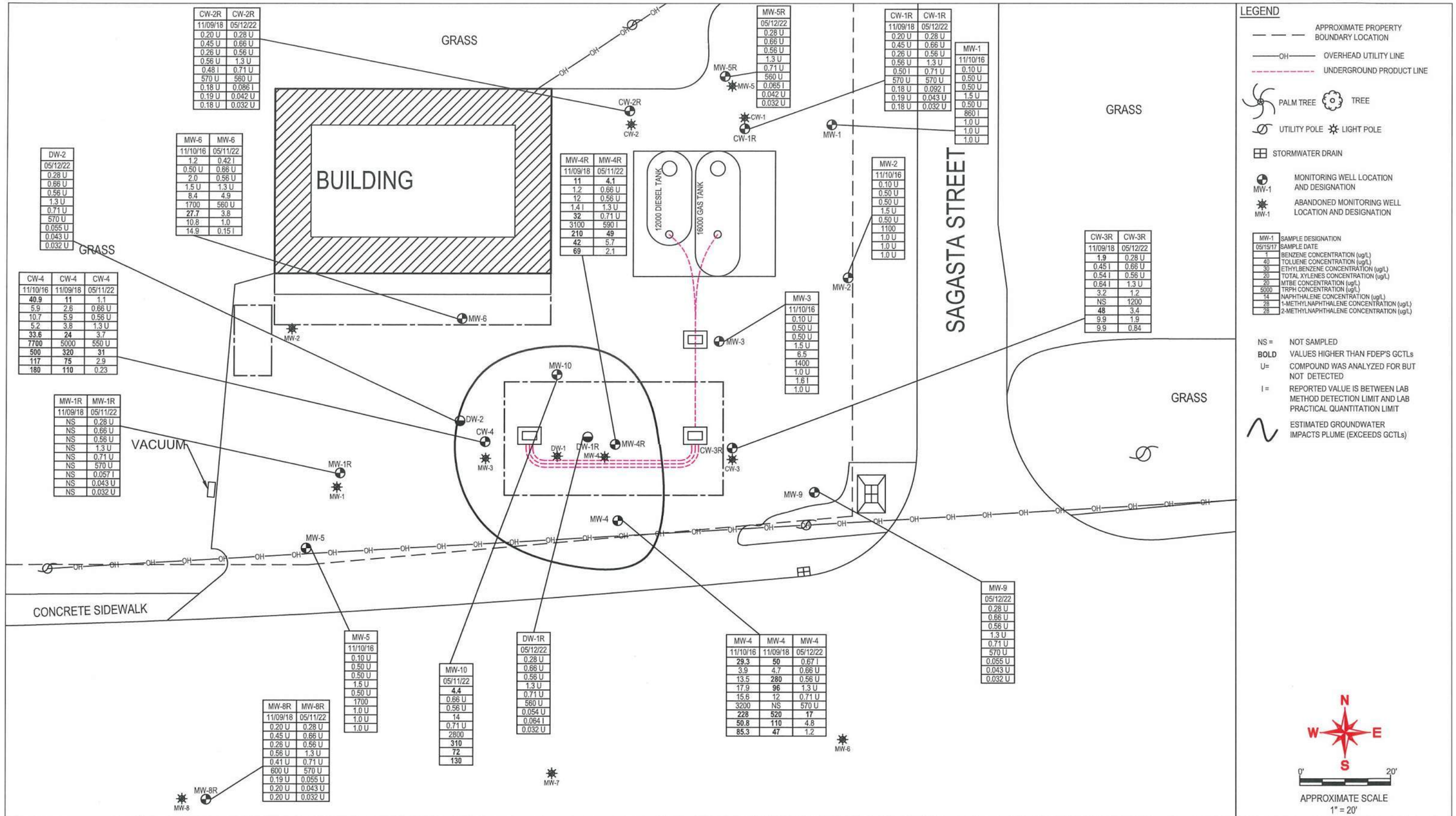


MAS ENVIRONMENTAL, LLC

UNITED OIL #215
4714 CAUSEWAY BLVD
TAMPA, HILLSBOROUGH COUNTY, FLORIDA
FDEP FAC. ID. NO.: 29/8625197

GROUNDWATER ELEVATION CONTOUR MAP (05/11/22)

FIGURE
4
PROJECT No.
M51191



CW-2R	CW-2R
11/09/18	05/12/22
0.20 U	0.28 U
0.45 U	0.66 U
0.26 U	0.56 U
0.56 U	1.3 U
0.48 I	0.71 U
570 U	560 U
0.18 U	0.086 I
0.19 U	0.042 U
0.18 U	0.032 U

MW-5R
05/12/22
0.28 U
0.66 U
0.56 U
1.3 U
0.71 U
560 U
0.065 I
0.042 U
0.032 U

CW-1R	CW-1R
11/09/18	05/12/22
0.20 U	0.28 U
0.45 U	0.66 U
0.26 U	0.56 U
0.56 U	1.3 U
0.50 I	0.71 U
570 U	570 U
0.18 U	0.092 I
0.19 U	0.043 U
0.18 U	0.032 U

MW-1
11/10/16
0.10 U
0.50 U
0.50 U
1.5 U
0.50 U
860 I
1.0 U
1.0 U
1.0 U

DW-2
05/12/22
0.28 U
0.66 U
0.56 U
1.3 U
0.71 U
570 U
0.055 U
0.043 U
0.032 U

MW-6	MW-6
11/10/16	05/11/22
1.2	0.42 I
0.50 U	0.66 U
2.0	0.56 U
1.5 U	1.3 U
8.4	4.9
1700	560 U
27.7	3.8
10.8	1.0
14.9	0.15 I

MW-4R	MW-4R
11/09/18	05/11/22
11	**4.1**
1.2	0.66 U
12	0.56 U
1.4 I	1.3 U
32	0.71 U
3100	590 I
210	**49**
42	5.7
69	2.1

MW-2
11/10/16
0.10 U
0.50 U
0.50 U
1.5 U
0.50 U
1100
1.0 U
1.0 U
1.0 U

CW-4	CW-4	CW-4
11/10/16	11/09/18	05/11/22
40.9	**11**	1.1
5.9	2.6	0.66 U
10.7	5.9	0.56 U
5.2	3.8	1.3 U
33.6	**24**	3.7
7700	5000	550 U
500	**320**	**31**
117	**75**	2.9
180	**110**	0.23

MW-3
11/10/16
0.10 U
0.50 U
0.50 U
1.5 U
6.5
1400
1.0 U
1.6 I
1.0 U

CW-3R	CW-3R
11/09/18	05/12/22
1.9	0.28 U
0.45 I	0.66 U
0.54 I	0.56 U
0.64 I	1.3 U
3.2	1.2
NS	1200
48	3.4
9.9	1.9
9.9	0.84

MW-1R	MW-1R
11/09/18	05/11/22
NS	0.28 U
NS	0.66 U
NS	0.56 U
NS	1.3 U
NS	0.71 U
NS	570 U
NS	0.057 I
NS	0.043 U
NS	0.032 U

MW-5
11/10/16
0.10 U
0.50 U
0.50 U
1.5 U
0.50 U
1700
1.0 U
1.0 U
1.0 U

MW-10
05/11/22
4.4
0.66 U
0.56 U
14
0.71 U
2800
310
72
130

DW-1R
05/12/22
0.28 U
0.66 U
0.56 U
1.3 U
0.71 U
560 U
0.054 U
0.064 I
0.032 U

MW-4	MW-4	MW-4
11/10/16	11/09/18	05/12/22
29.3	**50**	0.67 I
3.9	4.7	0.66 U
13.5	**280**	0.56 U
17.9	**96**	1.3 U
15.6	12	0.71 U
3200	NS	570 U
228	**520**	**17**
50.8	**110**	4.8
85.3	**47**	1.2

MW-9
05/12/22
0.28 U
0.66 U
0.56 U
1.3 U
0.71 U
570 U
0.055 U
0.043 U
0.032 U

MW-8R	MW-8R
11/09/18	05/11/22
0.20 U	0.28 U
0.45 U	0.66 U
0.26 U	0.56 U
0.56 U	1.3 U
0.41 U	0.71 U
600 U	570 U
0.19 U	0.055 U
0.20 U	0.043 U
0.20 U	0.032 U

MAS ENVIRONMENTAL, LLC

UNITED OIL #215
4714 CAUSEWAY BLVD
TAMPA, HILLSBOROUGH COUNTY, FLORIDA
FDEP FAC. ID. NO.: 29/8625197

GROUNDWATER ANALYTICAL SUMMARY MAP (11/10/16, 11/09/18 & 05/11-12/22)

FIGURE
5
PROJECT No.
M51191

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Ryan E. Matthews
Interim Secretary

February 10, 2017

Property Owner
H & S Realty & Property Inc
15429 N Florida Ave
Tampa, FL 33613-1243

Re: United Oil 215
4714 Causeway Blvd
Tampa, FL 33619
Program ID: P/298625197-3214

Dear Property Owner:

To protect public health, the Department of Environmental Protection (DEP) notifies property owners of pollution found on their property or in their neighborhood. This letter is being sent to inform you that notification letters were sent to the owners of one or more properties at which contamination was detected or suspected in groundwater and/or soil above the State cleanup target levels based on information that the DEP has received in association with the assessment activities at your property referenced above.

This notification process is one of many steps that DEP is taking to address pollution, protect natural systems and safeguard public health.

Additional information regarding the site can be found through the internet at the DEP's Contamination Locator Map (CLM) @ http://webapps.dep.state.fl.us/DepClnup/welcome.do or in the DEP electronic site file system (OCULUS™) @ http://depedms.dep.state.fl.us/Oculus/servlet/login. Links to both of these resources are also available at the Division of Waste Management Home Page @ http://www.dep.state.fl.us/waste/default.htm.

By specifying an address, a city or a zip code, you can use CLM to locate nearby sites that are currently under DEP's cleanup oversight, including the site referenced above. There are several search criteria used by CLM to identify sites by name, address, facility identification number, and cleanup status - active or pending. However, the zip code search criterion is recommended due the sensitivity in matching exact addresses. The CLM free subscription service enables you

to track cleanup milestones at contaminated sites listed in CLM. Please refer to the introduction and instructions at the top of the CLM web page.

In addition, many documents associated with the waste cleanup sites in CLM may be viewed in OCULUS™. There are more than two million waste program documents available electronically in OCULUS™. However, not every paper document associated with cleanup sites is currently available in electronic format. It is important to have the DEP facility identification number referenced above when you begin your search. For more information on how to search for documents, please read the OCULUS™ Help Guide available on the log in page.

If you have any questions regarding these notices, please contact us at our toll-free information line where you may leave a recorded message and receive a call back within one business day. That number is 1-866-282-0787.

If this letter has reached you in error, please notify us at the DEP toll-free number so that we can contact the correct owner. If tenants are residing at this property, please share this information with them.

Sincerely,

F. Joseph Ullo, Jr. P.E., Director
Division of Waste Management

FJU/cw

Electronic Spreadsheet Notification

Recipient:	FDOT District 7
Notification Date:	02/10/2017
Program ID:	P/298625197
Property Site ID:	3214/21887-A
Property Site Name:	SR 676 (Causeway Blvd-US Hw

Table 2: Contaminants Identified in the Vicinity of:

SR 676 (Causeway Blvd-US Hwy Bus 41) ROW
Tampa, FL 33619
Property Site ID: 3214/21887-A

Contaminant	Location (Medium)
Benzene	Groundwater
Methylnaphthalene, 1-	Groundwater
Methylnaphthalene, 2-	Groundwater
Naphthalene	Groundwater
Ethylbenzene	Soil
Naphthalene	Soil
TRPHs	Soil

To assist you in understanding this information and to answer any questions, the DEP and DOH have established two toll-free information lines where you may leave a recorded message and receive a call back within one business day. To post your health-related questions, please call the DOH toll-free number at **1-877-798-2772.** If you have questions concerning the cleanup of this site, please call the DEP toll-free number at **1-866-282-0787.** **Please refer to this letter and the above site information in your recorded message.**

For more information on DOH's environmental health program, visit www.myfloridaeh.com/.

For more information on DEP's waste cleanup programs, visit www.floridadep.org/waste.

EDM 15 - First Choice Cars/FDOT ROW

(former Richards Construction Co.)

4902 Causeway Boulevard

Shaw® Shaw Environmental, Inc.

A World of Solutions™

May 15, 2008

Ms. Monica Hamby
Environmental Protection Commission of Hillsborough County
3629 Queen Palm Drive
Second Floor South
Tampa, Florida 33619-1309

Re: Tank Closure Report/Contamination Discovery Notification
FDOT Right-of-Way, Northeast Corner of Sagasta Street and State Road 676 (Causeway Boulevard)
4902 Causeway Boulevard
Tampa, Hillsborough County, Florida
FDOT Financial Project Number 255599-1-C2-01
Shaw Project No. 125861

9810130

Dear Ms. Hamby:

Shaw Environmental, Inc. (Shaw) is submitting this Tank Closure Report for the Florida Department of Transportation (FDOT) Right-of-Way (ROW) site, located at the northeast corner of Sagasta Street and State Road 676 (Causeway Boulevard), at 4902 Causeway Boulevard in Tampa, Florida. Shaw, under contract with the FDOT, discovered five unregistered underground storage tanks (USTs) at the referenced facility while performing utility structure installation/support services in advance of roadway construction activities. A site location map is enclosed as **Figure 1** and the approximate locations of the USTs are displayed on **Figure 2**.

Upon discovery of the USTs, Shaw notified the Environmental Protection Commission of Hillsborough County (EPCHC) and reviewed available Florida Department of Environmental Protection (FDEP) databases to evaluate the facility's storage system history. Neither resource had record of any USTs registered at the site. The EPCHC informed Shaw that the USTs would have to be registered prior to their removal. A Storage Tank Facility Registration Form (**Attachment A**) was completed on February 20, 2008.

Between February 12 and 19, 2008, Shaw removed the USTs. Prior to their removal, the tank contents, which were petroleum contact groundwater and the cleaning fluids, were removed from the tank by Aqua Clean Environmental (Aqua Clean). The Aqua Clean manifests (**Attachment B**) indicate that approximately 9,450 gallons of petroleum-contaminated water and cleaning fluids were removed from the USTs. The tanks were then removed, degassed, cut, and transported by Shaw to Commercial Metals Company in Tampa, Florida, for disposal as scrap metal. The USTs were determined to be single-walled, steel tanks. One had an approximate capacity of 400 gallons, two had an approximate capacity of 530 gallons, and two had an approximate capacity of 3,300 gallons. No associated piping was encountered. Copies of the scrap metal disposal weight ticket receipts are in **Attachment B**. The Application for Closure of Pollutant Storage Tank Systems (**Attachment A**) and the Underground Storage

System Installation and Removal Form for Certified Contractors (**Attachment A**) are provided with this report.

Between February 12 and 19, 2008, after the removal of the USTs, Shaw assessed the soil and groundwater in the former UST area. A total of 87 soil samples (designated SB-10 through SB-13, SB-18 through SB-69, and SB-80 through SB-109) were collected in and around the former UST area for field organic vapor screening using a PE Photovac organic vapor analyzer (OVA) equipped with a flame-ionization detector. Net hydrocarbon concentrations varied between no instrument response and greater than 50,000 parts per million. The field screening results are summarized in **Table 1**. The approximate sample locations are shown on **Figure 2**. Confirmatory soil samples were collected at 2 feet below land surface (ft bls) at 12 locations (SB-22, SB-40, SB-42, SB-53, SB-58, SB-65, SB-103, SB-104, SB-105, SB-107, SB-108, and SB-109) for analyses of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by US Environmental Protection Agency (EPA) Method 8260B, for polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8310, and for total recoverable petroleum hydrocarbons (TRPH) by FDEP Method FL-PRO by Xenco Laboratories (Xenco) in Tampa, Florida. The soil analytical results are summarized in **Table 2** and indicate that the sample collected from SB-53 yielded TRPH concentrations above the Chapter 62-777, Florida Administrative Code (FAC), Soil Cleanup Target Levels (SCTLs) Direct Exposure Residential Limits and Leachability Standards based on Groundwater Criteria. Additionally, the sample collected from SB-109 yielded naphthalene, ethylbenzene, and total xylene concentrations above the SCTL Leachability Standards. Copies of the soil laboratory analytical reports and chain-of-custody records are in **Attachment C**.

Following soil sample collection, Shaw installed and sampled four temporary wells (TW-1 through TW-4) at the edges of the former tank area (**Figure 2**). The temporary wells were constructed so that the screen interval intersected the water table, which was observed at approximately 3 to 4 ft bls. Groundwater samples were collected from TW-1 and TW-2 on February 14, 2008, from TW-3 on February 18, 2008, and from TW-4 on February 19, 2008. The samples were sent to Xenco for analysis. The samples collected from TW-1, TW-2, and TW-3 were analyzed for the Kerosene Analytic Group (KAG), more specifically, volatile organic aromatics (VOAs) and volatile organic hydrocarbons (VOHs) by EPA Method 8260, for 1,2-dibromoethane (EDB) by EPA Method 8011, for lead by EPA Method 6020A, for TRPH by FDEP Method FL-PRO, and for PAHs by EPA Method 8310. The samples collected from TW-4 were analyzed for total and filtered metals by EPA Method 6020A, for mercury by EPA Method 1631E, for naphthalene by EPA Method 625, for benzene by EPA Method 624, for total organic carbon by SM5310/9060, and for hydrogen-ion concentrations (pH) by EPA Method 150.1. The groundwater analytical results are summarized in **Table 3** and indicate that dissolved hydrocarbon concentrations exceeded Chapter 62-777, FAC, Groundwater Cleanup Target Levels (GCTLs) from all four temporary wells. Copies of the groundwater laboratory analytical reports and chain-of-custody records are in **Attachment C**. Copies of the FDEP groundwater sampling logs and field calibration worksheets are in **Attachment D**.

On February 14, 2008, the FDOT authorized Shaw to excavate the contaminated soils in the area for offsite disposal. The contaminated soil and debris was staged onsite along with the other contaminated soil generated during construction activities, including the contaminated soil generated at the former Checkers pond and during the tank closure activities at the southwest corner of South 50th Street and State Road 767. The excavation was then backfilled and compacted with FDOT-certified clean fill material.

Between March 28, 2008, and April 4, 2008, the contaminated soil was loaded and transported by Omni Waste for disposal at the Omni Waste facility in St. Cloud, Florida. The disposal weight tickets and waste manifests (**Attachment E**) indicate that approximately 4,078.15 tons of contaminated soil and debris were removed from the site.

Based upon the presence of hydrocarbon-impacted soil, a Discharge Report Form (**Attachment A**) was filed on April 2, 2008. Historic records indicate that this was the first discharge recorded for the facility.

Following the removal of the USTs, construction activities resumed. No further site assessment or remediation can be completed.

Should you have any questions, please call me at (813) 612-3644.

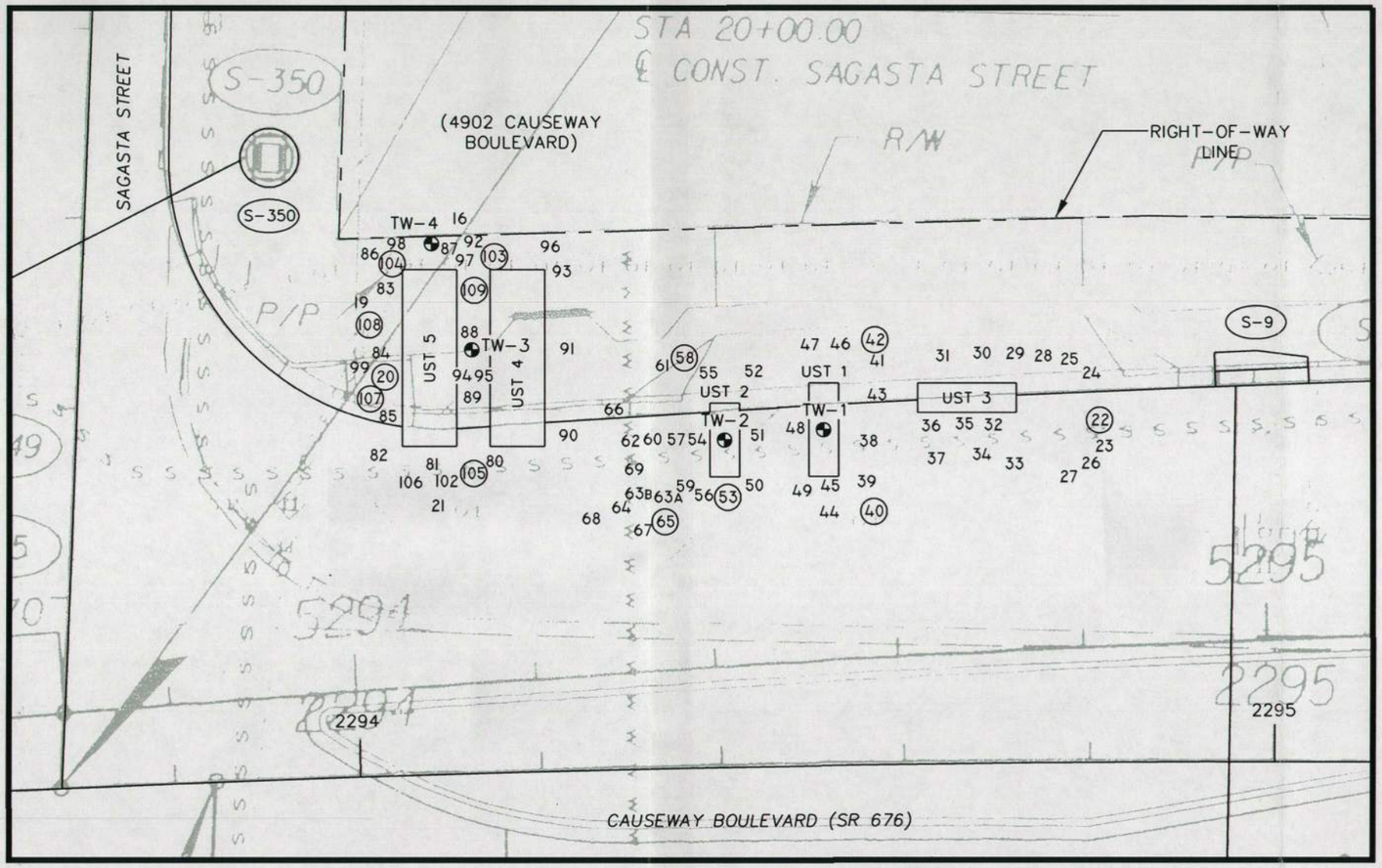
Sincerely,
Shaw Environmental, Inc.

Michael A. Gonsalves, P.G.
Contract Manager

Attachments: Tables
Figures
Attachment A—Storage Tank Facility Registration Form, Application for Closure of Pollutant Storage Tank Systems, Underground Storage System Installation and Removal Form for Certified Contractors, and Discharge Report Form
Attachment B—Aqua Clean Manifests and Scrap Metal Disposal Weight Ticket Receipts
Attachment C—Soil and Groundwater Laboratory Analytical Reports and Chain-of-Custody Records
Attachment D—FDEP Groundwater Sampling Logs and Field Calibration Worksheets
Attachment E—Debris Area Disposal Tickets and Manifests

cc: R. Gonzalez, FDOT

DRAWN BY	CHECKED BY		DRAWING NUMBER
SDJF 5-14-08	APPROVED BY		125861-B8



LEGEND:

X SOIL BORING LOCATION

(XX) SOIL SAMPLE LOCATION

TEMPORARY MONITORING WELL LOCATION

SCALE
0 15 30 FEET

FIGURE 2

SOIL BORING, SOIL AND GROUNDWATER SAMPLING LOCATION MAP
FDOT RIGHT-OF-WAY ON NORTHEAST CORNER OF SAGASTA STREET AND SR 676
TAMPA, HILLSBOROUGH COUNTY, FLORIDA
FINANCIAL PROJECT No. 255599-1-C2-01

PREPARED FOR

FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT VII
TAMPA, FLORIDA

Shaw Shaw Environmental, Inc.

Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

11201 N. McKinley Drive
Tampa, FL 33612-6456

District Seven • Intermodal Systems Development • MS 7-500
(813) 975-6119 • (800) 226-7220

STEPHANIE C. KOPELOUSOS
SECRETARY

August 4, 2008

Mr. Michael McKelvey
Environmental Protection Commission of Hillsborough County
Waste Management Division, Cleanup Section
3629 Queen Palm Drive
Tampa, Florida 33619

Dear Mr. McKelvey :

The Florida Department of Transportation (FDOT), District 7 Intermodal Systems Development office (ISD) has received letters from your office requesting intended action for the subject sites listed below:

- FDOT Right of Way, 2801 South 50th Street (U.S. 41) at Causeway Blvd. (S.R. 676), Tampa, Hillsborough County, FDEP Facility ID# 299810315
- FDOT Right of Way, 4902 Causeway Blvd. (S.R. 676) at Sagasta Street, Tampa, Hillsborough County, FDEP Facility ID# 299810130

Limited contamination cleanup was performed during our construction process for each site. This is standard practice for FDOT in areas of known contamination to ensure that worker health and safety is maintained.

Having determined that these sites have pre-existing contamination not caused or exacerbated by FDOT, our position on this matter is clear. FDOT is not subject to any liability due for pre-existing soil or groundwater contamination due solely to its ownership of the property in accordance with Florida Statues (F.S.) Chapter 337.27 (4) (attached). In these situations, FDOT believes the entity that caused the contamination is the responsible party for site assessment and cleanup activities.

At this time, FDOT does not plan to conduct further assessment at the subject sites. If you have any questions please call me at (813)-975-6923 at your convenience.

Sincerely,

Roberto Gonzalez
Administrator

Initials _____
Date _____

cc: Dan DeForge, FDOT D-7 ISD,
Michael Gonsalves, Shaw Environmental, Inc.

U:\HAZ_MAT\EPC Site Rehab Response.doc

Select Year: 2008 Go

The 2008 Florida Statutes

Title XXVI PUBLIC TRANSPORTATION | Chapter 337 CONTRACTING; ACQUISITION, DISPOSAL, AND USE OF PROPERTY | View Entire Chapter

337.27 Exercise of power of eminent domain by department; procedure; title; cost.--

(1) The power of eminent domain is vested in the department to condemn all necessary lands and property, including rights of access, air, view, and light, whether public or private, for the purpose of securing and utilizing transportation rights-of-way, including, but not limited to, any lands reasonably necessary for securing applicable permits, areas necessary for management of access, borrow pits, drainage ditches, water retention areas, rest areas, replacement access for landowners whose access is impaired due to the construction of a facility, and replacement rights-of-way for relocated rail and utility facilities; for existing, proposed, or anticipated transportation facilities on the State Highway System or State Park Road System; or in a transportation corridor designated by the department; or for the purposes of screening, relocation, removal, or disposal of junkyards and scrap metal processing facilities. The department shall also have the power to condemn any material and property necessary for such purposes. The secretary of the Department of Transportation may delegate the authority to execute eminent domain resolutions to the department's chief administrative officer of the district in which the property is located, or to the chief administrative officer of the Office of Florida Turnpike if the property is to be acquired for a turnpike system project.

(2) Title to any land acquired in the name of the department vests in the state.

(3) The department is authorized to pay the judgment or compensation, including deposits required, awarded in any such proceedings out of any funds available to the department for the maintenance or construction of any transportation facility on the State Highway System, on the State Park Road System, or in a transportation corridor designated by the department.

(4) When the department acquires property for a transportation facility or in a transportation corridor through the exercise of eminent domain authority, or by purchase or donation, it is not subject to any liability imposed by chapter 376 or chapter 403 for preexisting soil or groundwater contamination due solely to its ownership. This section does not affect the rights or liabilities of any past or future owners of the acquired property nor does it affect the liability of any governmental entity for the results of its actions which create or exacerbate a pollution source. The department and the Department of Environmental Protection may enter into interagency agreements for the performance, funding, and reimbursement of the investigative and remedial acts necessary for property acquired by the department.

History.--s. 106, ch. 29965, 1955; s. 18, ch. 57-318; ss. 23, 35, ch. 69-106; s. 1, ch. 80-312; s. 165, ch. 84-309; s. 2, ch. 84-319; s. 3, ch. 87-164; s. 1, ch. 87-242; s. 18, ch. 88-168; s. 6, ch. 89-232; s. 132, ch. 92-152; s. 166, ch. 94-356; s. 64, ch. 99-385.