



Level I Contamination Screening Evaluation Report

MALABAR ROAD PD&E STUDY

From St. Johns Heritage Parkway to Minton Road

Palm Bay, Florida

Project No. 23773

FIN ID No. 437210-1-28-01

RFQ No. 23-0-2019/SB

GEC Project No. 4511E

Prepared for:

Kittelson & Associates, Inc.
225 East Robinson Street, Suite 355
Orlando, Florida 32801

Prepared by:

Geotechnical and Environmental Consultants, Inc. (GEC)
919 Lake Baldwin Lane
Orlando, FL 32814

February 2021
Revised December 2021
Revised June 2023



February 24, 2021
Revised December 30, 2021
Revised June 20, 2023

Kittelson & Associates, Inc.
225 East Robinson Street, Suite 355
Orlando, Florida 32801

Attention: Mr. John R. Freeman, Jr., P.E., PTOE, RSP
Senior Principal

Subject: Level I Contamination Screening Evaluation Report
MALABAR ROAD PD&E STUDY
From St. Johns Heritage Parkway to Minton Road
Palm Bay, Florida
Project No. 23773
FIN ID No. 437210-1-28-01
RFQ No. 23-0-2019/SB
GEC Project No. 4511E

Dear Mr. Freeman:

Geotechnical and Environmental Consultants, Inc. (GEC) is pleased to present this Level I Contamination Screening Evaluation Report (CSER) for the above-referenced project. This report describes our evaluation procedures, presents the information we obtained and assigns Contamination Risk Potential Ratings to 21 sites. The report also includes a Level II Impact to Construction Assessment that was performed for Pond C-20 Alternative I. This report also includes Pond Alternative C-7 Alt. 3.

We appreciate the opportunity to work with Kittelson & Associates, Inc. and the City of Palm Bay on this project. If you have any questions concerning this report, or if we may be of further assistance, please contact us.

Sincerely,

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.

DRAFT

Lani A. Frith
Scientist

DRAFT

Alexis E. Perry, E.I.
Engineer Intern

DRAFT

Richard P. McCormick, P.G.
Chief Geologist

DRAFT

Gary L. Kuhns, P.E.
Chief Engineer

TABLE OF CONTENTS

EXECUTIVE SUMMARY	v
1.0 INTRODUCTION	1
1.1 Contract Information	1
1.2 Purpose	1
2.0 PROJECT DESCRIPTION	1
2.1 Site Description	1
2.2 Current Land Use	2
2.3 Project Description.....	2
2.4 Potential Contamination Impacts	2
3.0 CONTAMINATION SCREENING METHODOLOGY	3
4.0 GEOLOGIC AND GEOGRAPHIC CONDITIONS	3
4.1 Central Florida Geology.....	3
4.2 USGS Quadrangle Map.....	4
4.3 NRCS Soil Survey Review.....	5
4.4 Geotechnical Investigation	5
5.0 HISTORICAL DATA REVIEW	5
5.1 Historical Aerial Photographs	5
5.2 City Directories.....	7
5.3 Fire Insurance Maps.....	7
5.4 Historical Quadrangle Maps.....	7
5.5 Historical Contamination Screening Evaluation Report	8
6.0 PUBLIC RECORD REVIEW	8
6.1 Florida Department of Environmental Protection (FDEP) Databases	8
6.2 United States Environmental Protection Agency (USEPA) Databases.....	8
6.3 FDEP OCULUS Document Management System, Map Direct Website, and Nexus Portal..	8
6.4 EDB Delineated Areas	9
6.5 Agricultural Land Use	9
6.6 Railroad Corridors	10
6.7 Cattle Dip Vats.....	10
7.0 INTERVIEWS	11
8.0 SITE RECONNAISSANCE	12

9.0 CONCLUSIONS AND RECOMMENDATIONS..... 12

9.1 Potential Contamination Sites 12

9.2 Level II Impact to Construction (ICA) Recommendations..... 13

9.3 CSER Update..... 14

10.0 LIMITATIONS..... 14

11.0 USE OF THIS REPORT 14

FIGURES

- Figure 1: USGS Quadrangle Map
- Figure 2: Land Use Map
- Figure 3: NRCS Soil Survey Map
- Figures 4A/B: Potential Contamination Site Location Map

TABLES

- Table 1: Potential Contamination Site Summary
- Table 2: Historical Aerial Report Summary
- Table 3: EDR City Directory Image Report Summary

APPENDICES

- Appendix A: Historical Aerial Photographs
- Appendix B: Definitions of Common Report Terms
- Appendix C: Contamination Risk Potential Rating Descriptions
- Appendix D: EDR City Directory Image Report
- Appendix E: EDR Certified Sanborn Map Report
- Appendix F: EDR Radius Map Report with GeoCheck
- Appendix G: FDEP Database List
- Appendix H: Federal Database List
- Appendix I: FDEP OCULUS, Map Direct, and Nexus Portal Information
- Appendix J: Interview Documentation
- Appendix K: Level II Impact to Construction Assessment Report

EXECUTIVE SUMMARY

This Level I Contamination Screening Evaluation Report (CSER) for the Malabar Road Project Development and Environment (PD&E) Study from St. Johns Heritage Parkway to Minton Road project was performed as part of the Financial ID No. 437210-1-28-01.

The purpose of this evaluation was to assess the risk of encountering petroleum or hazardous substance contamination of soil, groundwater, surface water, or sediment that could adversely affect this project. The CSER activities included a review of public regulatory files and historical data sources, and a site reconnaissance of the project study area.

As a result of this evaluation, we have assigned Contamination Risk Ratings to 21 sites.

As a result of this evaluation, we have assigned Contamination Risk Ratings to 21 sites. The 21 site locations are shown on **Figures 4A** and **4B** and the contamination status, a detailed description and a photograph of each site are summarized in **Table 1**.

Using the FDOT Risk Ratings presented in **Appendix C**, we have identified **12 Low Risk** sites and **9 Medium Risk** as shown below. Level II Impact to Construction Assessments (ICA) may be required for the **Medium Risk** sites and **Medium Risk** pond sites in this project. A Level II ICA was performed for Pond C-20 Alternative 1 and is attached as **Appendix K**.

Low Risk Sites (12)

Site Number	Site Name	Site Address	Risk Potential
4	Biarritz Disaster Debris Management Site	1224 - 1228 Biarritz Street	Low
5	City of Palm Bay - Public Works	1050 Malabar Road	Low
8	O'Reilly Auto Parts	235 Malabar Road	Low
9	Autozone	260 Malabar Road	Low
10	Coastal Biosystem	270 Malabar Road	Low
11	Sun Clean Dry Cleaners	190 Malabar Road #123	Low
12	Winn-Dixie Store #2230	190 Malabar Road	Low
13	Bennett Auto Supply	142 Malabar Road	Low
15	SPILLS Site	Malabar Road & Minton Road	Low
18	Lubrication Specialist Inc.	6369 Minton Road	Low
19	Construction Yard	120 Malabar Road	Low
20	Palm Bay City Hall	120 Malabar Road	Low

Medium Risk Sites (9)

Site Number	Site Name	Site Address	Risk Potential
1	Cattle Pen	Malabar Road	Medium
2	Agricultural Barn	2200 Malabar Road	Medium
3	Cattle Pen	Malabar Road	Medium
6	Circle K #2726513	900 Malabar Road	Medium
7	Malabar Cove	3 NW Malabar Road	Medium
14	Bob Youtzy Landclearing	201 Malabar Road	Medium
16	7-Eleven Food Store #32756	6405 Minton Road	Medium
17	Cumberland Farms	105 Malabar Road / 6375 Minton Road	Medium
21	Historical Citrus	N/A	Medium

Pond Sites (15)

Pond Name	Location	Risk Potential	Relevant Site Number
C-7 Alt. 1	Station 63+50 – 66+17 Right	Medium	21
FPCA	Station 84+00 – 85+65 Right	Medium	2, 21
C-7 Alt. 2	Station 85+65 – 88+60 Right	Medium	2, 21
C-7 Alt. 3	Station 53+80 – 55+53 Right	Low	N/A
C-7 Alt. 3 FPCA	Station 53+80 – 55+53 Right	Low	N/A
C-8 & C-9 Combined Alt. 2	Station 90+00 – 92+60 Right	Low	N/A
C-8 & C-9 Combined Alt. 1	Station 102+00 – 104+40 Left	Low	N/A
C-10 West Alt. 1	Station 135+00 – 136+80 Left	Low	N/A
C-10 East Alt. 1 (Swale 1)	Station 145+00 – 155+00 Right	Low	N/A
C-10 East Alt. 1 (Swale 2)	Station 155+70 – 166+20 Right	Low	N/A
C-10 East Alt. 1 (Swale 3) C-10 West Alt. 2 (Option 1)	Station 169+15 – 175+45 Right	Low	N/A
C-10 East Alt. 2 C-10 West Alt. 2 (Option 2 – Expand Pond)	Station 175+45 – 179+00 Left	Medium	21
C-20 Supplemental Swale	Station 198+45 – 201+00 Right Station 204+40 – 208+70 Right	Low	N/A
C-20 Alt. 1	Station 229+00 – 231+85 Right	Medium	21
C-20 Alt. 2	Station 240+35 – 244+25 Right	Medium	7, 21

1.0 INTRODUCTION

1.1 Contract Information

This Level I Contamination Screening Evaluation Report (CSER) for the Malabar Road Project Development and Environment (PD&E) Study from St. Johns Heritage Parkway to Minton Road project was performed as part of the Financial ID No. 437210-1-28-01.

1.2 Purpose

The purpose of this evaluation is the early identification of potential contamination sites that could impact this project...

The presence of contaminated environmental media (soil, groundwater, surface water, and sediment) can have a significant negative impact on the cost and schedule to complete a roadway improvement project.

The purpose of this evaluation is the early identification of potential contamination sites that could impact this project and to provide valuable input for the design, right-of-way acquisition, and construction phases.

2.0 PROJECT DESCRIPTION

The following sections describe the current study area conditions, the project construction plans and elements of the project that could be impacted by soil or groundwater contamination. Common terms used in this report can be found in **Appendix B**.

2.1 Site Description

The proposed roadway improvements for Malabar Road extend from St. Johns Heritage Parkway to Minton Road, approximately 4 miles...

The proposed roadway improvements for Malabar Road extend from St. Johns Heritage Parkway to Minton Road, approximately 4 miles, located in Palm Bay, Brevard County, Florida. The properties adjacent to the proposed roadway improvement and stormwater pond footprints are commercial

businesses, residential properties, agricultural land, and vacant land. The project corridor is shown on excerpts of the U.S. Geological Survey (USGS) Melbourne West and Fellsmere NW Florida Quadrangle maps as **Figure 1**.

2.2 Current Land Use

The current land uses within the study area are shown on **Figure 2** and are summarized as follows:

- Low Density Residential
- Medium Density Residential
- High Density Residential
- Commercial and Services
- Institutional
- Open Land
- Inactive Land, No Structures
- Improved Pastures
- Unimproved Pastures
- Rural Open Lands
- Field Crops
- Shrub and Brushland
- Mixed Scrub-Shrub Wetland
- Mixed Rangeland
- Pine Flatwoods
- Upland Mixed Coniferous/Hardwood
- Streams and Waterways
- Reservoirs
- Spoil Areas
- Roads and Highways
- Communications
- Electrical Power Transmission Lines
- Surface Water Collection Basin
- Upland Hardwood Forest
- Freshwater Marshes

The spoil areas depicted on the land use map are likely from the excavation of drainage canals along Malabar Road and are not considered a contamination concern at this time.

2.3 Project Description

As described in the Contract Plans, the project plans include the following:

- Right of way acquisition
- Roadway widening and re-alignment from Station 36+41 to Station 274+63
- Stormwater pond construction along the Malabar Road alignment. The alternative stormwater ponds and flood plain compensation areas are shown on **Figures 1 – 4A/B**.

2.4 Potential Contamination Impacts

The project elements that could be impacted by soil and/or groundwater contamination include the following:

- Right of way acquisition
- Soil excavation for stormwater pond construction
- Soil excavation for pavement construction
- Excavation dewatering

3.0 CONTAMINATION SCREENING METHODOLOGY

GEC conducted this evaluation in general accordance with Part 2, Chapter 20 of the FDOT PD&E Manual dated July 1, 2020. The study area is defined by the following distances from the right of way:

- All sites within 500 feet
- Non-landfill solid waste sites within 1,000 feet
- Solid waste landfills, CERCLA, or National Priorities List (NPL) sites within ½ mile

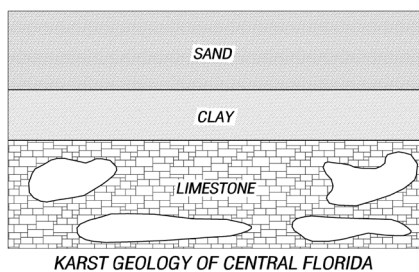
GEC reviewed relevant information from the FDEP, USEPA, and local agencies in Brevard County to identify known or potential contamination sites within the study area. Historical aerial photographs and other published historical sources were reviewed as part of this CSER. GEC performed a site reconnaissance of the properties within the study area and attempted to interview individuals with knowledge of the study area's environmental status.

Based on the results of the contamination screening activities, GEC assigned Contamination Risk Ratings (CRRs) to sites. The risk rating system was developed by FDOT and incorporates four levels of risk: **No, Low, Medium and High**. For a description of the four risk levels please refer to **Appendix C**.

A Level II Impact to Construction Assessment was prepared for Pond C-20 Alternative 1 and is attached as Appendix K.

4.0 GEOLOGIC AND GEOGRAPHIC CONDITIONS

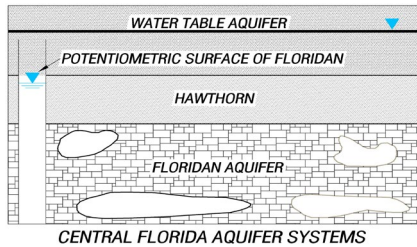
4.1 Central Florida Geology



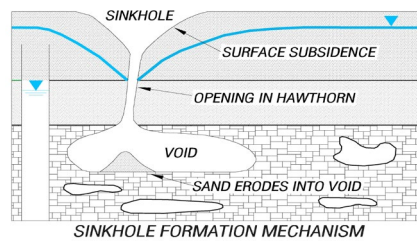
Due to its prevalent geology, referred to as karst, Central Florida is prone to the formation of sinkholes, or large, circular depressions created by local subsidence of the ground surface. The nature and relationship of the three sedimentary layers typical of Central Florida geology cause sinkholes. The deepest, or basement, layer is a massive cavernous limestone formation known as the Floridan

aquifer. The Floridan aquifer limestone is overlain by a silty or clayey sand, clay, phosphate, and limestone aquitard (or flow-retarding layer) ranging in thickness from nearly absent to greater than 100 feet and locally referred to as the Hawthorn Group (Hawthorn). The Hawthorn is in turn overlain by a 40 to 70-foot thick surficial layer of sand, bearing the water

table aquifer. The likelihood of sinkhole occurrence at a given site within the region is determined by the relationship among these three layers, specifically by the water (and soil)-transmitting capacity of the Hawthorn at that location.



The water table aquifer is comprised of Recent and Pleistocene sands and is separated from the Eocene limestone of the Floridan aquifer by the Miocene sands, clays and limestone of the Hawthorn. Since the thickness and consistency of the Hawthorn is variable across Central Florida, the likelihood of groundwater flow from the upper to the lower aquifer (known as aquifer recharge) will also vary by geographical location.



In areas where the Hawthorn is absent, water table groundwater (and associated sands) can flow downward to cavities within the limestone aquifer, like sand through an hourglass, recharging the Floridan aquifer, and sometimes causing the formation of surface sinkholes. This process of subsurface erosion associated with recharging the Floridan

aquifer is known as raveling. Thus, in Central Florida, areas of effective groundwater recharge to the Floridan aquifer have a higher potential for the formation of surface sinkholes.

Based on the U.S. Geological Survey Map entitled "Recharge and Discharge Areas of the Floridan Aquifer in the St. Johns River Water Management District and Vicinity, Florida," 1984, the study area lies in a generally no recharge area; therefore, we can conclude based solely on this data that it also lies in an area where the relative risk of sinkhole formation is low compared to the overall risk across Central Florida.

4.2 USGS Quadrangle Map

The study area has been transposed onto the USGS Melbourne West and Fellsmere NW, Florida Quadrangle maps for this area, as shown on **Figure 1**. According to the quadrangle maps, the natural ground surface elevation in the vicinity of the study area is between +20 feet and +27 feet National Geodetic Vertical Datum (NGVD), 1929.

- Citrus groves are visible within the western and eastern portions of the study area.
- Spoil banks are shown along the canals in the study area. The spoil banks depicted on the land use map are likely from the excavation of drainage canals along Malabar Road and are not considered a contamination concern at this time.

No additional conditions are depicted that would represent potential contamination concerns on, or in the immediate vicinity of, the study area.

4.3 NRCS Soil Survey Review

The NRCS Soil Survey of Brevard County, Florida was reviewed for information regarding near-surface soil conditions within the project limits, as shown on **Figure 3**. The following soil types were identified within the study area:

Unit No.	Soil Name
2	Anclote sand, frequently ponded, 0 to 1 percent slopes
17	EauGallie sand, 0 to 2 percent slopes
18	EauGallie, Winder, and Riviera soils, depressional
19	Riviera sand, 0 to 2 percent slopes
31	Malabar, Holopaw, and Pineda soils
47	Pineda sand, 0 to 2 percent slopes
71	Wabasso sand, 0 to 2 percent slopes

These soil types are not indicative of contamination risk. No landfills, borrow pits, quarries, or other conditions are depicted that would represent potential contamination concerns on, or in the immediate vicinity of, the study area.

Information contained in the NRCS Soil Survey is very general and may be outdated. It may not therefore be reflective of actual soil and groundwater conditions, particularly if recent development in the site vicinity has modified soil conditions or surface/subsurface drainage.

4.4 Geotechnical Investigation

GEC is conducting a geotechnical engineering exploration including hand auger borings to 5 feet in depth at the proposed stormwater pond and flood plain compensation locations. GEC will submit a geotechnical report under separate cover. Please refer to that report for the geotechnical findings and recommendations.

5.0 HISTORICAL DATA REVIEW

5.1 Historical Aerial Photographs

Historical aerial photographs of the study area were reviewed to evaluate past land use and to identify features that may indicate hazardous material or petroleum contamination. Available historical aerial photographs of the study area were accessed from Google Earth, the Florida

Department of Transportation, and the University of Florida websites. Aerial photographs for the following years were reviewed: 1943, 1951, 1972, 1980, 1986, 1994, 1999, 2004, 2009, 2014 and 2020. Excerpts of the aerial photographs are included in **Appendix A**.

1943 - 1972

- Malabar Road is visible along with several irrigation / drainage canals running parallel and perpendicular to Malabar Road. Several dirt roads are also visible connecting Malabar Road to the adjacent properties. Minton Road is visible north of Malabar Road.
- Most of the study area is citrus groves and vacant land. Several residences are visible, mainly in conjunction with the citrus groves.
- Two cattle pens are visible and discussed as **Site Nos. 1 and 3** in **Table 1**.
- In 1943, **Pond C-7 Alt. 3** is an undeveloped vacant field. In 1972, a drainage ditch is visible running east to west through the southern portion of the pond. Striations as apparent drainage features are visible throughout the pond. Cattle are visible on the pond site in 1972.

1980 – 1986

- Malabar Road appears to have been paved.
- A construction yard is visible to the southeast of the Malabar Road and Minton Road intersection. This construction yard is discussed as **Site No. 19** in **Table 1**.
- Citrus groves and agricultural land use are declining in the study area.
- Drainage ditches are visible running north to south through the center of **Pond C-7 Alt. 3** in 1980. In 1994, the southwest portion of the pond is wooded land.

1994 – 2004

- Minton Road is visible south of Malabar Road. Malabar Road appears to have been widened and re-paved.
- Most of the study area is residential and commercial land use. Citrus groves have declined and are only visible on the far eastern and western portions of the alignment.

2009

- Land clearing for development is visible on the far west side of the study area.
- Additional residential developments are under construction and associated stormwater ponds are visible.
- The eastern portion of **Pond C-7 Alt. 3** contains sparse trees.

2014

- Malabar Road has been paved on the far western portion of the alignment. St. Johns Heritage Parkway is visible and under construction.

- Citrus groves are no longer visible.
- The western border of **Pond C-7 Alt. 3** has been cleared of trees.

2020

- The aerial photographs reflect the current condition of the project corridor.
- The western border of **Pond C-7 Alt. 3** is heavily wooded. Sandy areas are visible in the eastern portion of the pond.

5.2 City Directories

City Directories are historical listings of businesses and residences in a given area, similar to a standard telephone book. The site occupant and addresses listed for previous years can identify past land uses. GEC contracted with Environmental Data Resources (EDR) to provide a city directory review for the study area. EDR researched city directories from 1955 through 2017 at approximately 5-year intervals.

Table 3 summarizes the historical city directory listings within the study area. Not all CRR sites were listed in the City Directories. The EDR City Directory Report is included in **Appendix D**.

5.3 Fire Insurance Maps

Fire insurance maps are used by insurance companies in assessing fire risk. These maps contain details about building construction, business type, building contents, fuel storage tanks, and other factors affecting fire risk.

Fire insurance maps were not available for the study area. The fire insurance map search confirmation is included in **Appendix E**.

5.4 Historical Quadrangle Maps

GEC reviewed historical quadrangle maps at the www.Historicaerials.com website. The maps for 1951, 1954, 1958, 1966, 1969, 1971, 1972, 1981, 1986, 1988, 2012, 2015, and 2018 were reviewed. Malabar Road is visible in the 1954, 1969, 1971, 2012, 2015, and 2018 maps. The remaining maps stopped just north of Malabar Road.

Malabar Road and Minton Road (north of Malabar Road) are visible dating back to 1954. The portion of Minton Road south of Malabar Road is visible in 2012.

Historical citrus areas are shown along the alignment from 1954 through 1988. These historical citrus groves are discussed as **Site No. 22** in **Table 1**.

Spoil banks are visible dating back to 1954. These spoil banks are from the excavation of drainage canals and are not considered a contamination concern at this time.

Residential development is shown in the project vicinity on the 1971 and later maps.

No additional conditions are depicted that would represent contamination concerns on, or in the immediate vicinity of, the study area.

5.5 Historical Contamination Screening Evaluation Report

No historical Contamination Screening Evaluation Reports were available for the study area.

6.0 PUBLIC RECORD REVIEW

GEC conducted a review of the public record for the study area including information obtained from the USEPA and the FDEP. As a part of our review, GEC subcontracted with EDR for a regulatory database search. The EDR Radius Map Report is included in **Appendix F**.

6.1 Florida Department of Environmental Protection (FDEP) Databases

The FDEP has compiled several databases that are useful in identifying potential sources of hazardous material or petroleum product contamination. The FDEP databases reviewed for this study and their common abbreviations are provided in **Appendix G**.

6.2 United States Environmental Protection Agency (USEPA) Databases

The federal government has compiled several databases that are useful in identifying potential sources of hazardous material or petroleum product contamination. The federal databases reviewed for this study and their common abbreviations are provided in **Appendix H**.

6.3 FDEP OCULUS Document Management System, Map Direct Website, and Nexus Portal

The FDEP uses the OCULUS Document Management System, Map Direct Website, and Nexus Portal to provide public record information for petroleum or hazardous material releases to the environment, generators of hazardous waste, and solid waste facilities. Information contained in this data management system includes the status of active and abandoned storage tanks, tank inspection reports, tank closure reports, environmental assessment reports, remedial

action reports, hazardous waste generator compliance details, and solid waste facility compliance details.

GEC reviewed the OCULUS Document Management System, Map Direct Website, and Nexus Portal within the search distances provided in Section 3.0. The results of our review have been incorporated in our Potential Contamination Site Descriptions in **Table 1**. The FDEP OCULUS, Map Direct and Nexus Portal Information can be found in **Appendix I**.

6.4 EDB Delineated Areas

The Florida Legislature had the FDEP implement the Delineated Areas Program in 1988 under Chapter 62-524, FAC. The purpose of the program was to protect public health and groundwater resources by regulating potable water well construction and testing standards for areas of known groundwater contamination. During the period 1962 to 1980, the Florida Department of Agriculture and Consumer Services (FDACS) conducted widespread applications of ethylene dibromide (EDB), an agricultural pesticide, to control nematodes in citrus groves. In 1983, the FDEP began testing groundwater in potable wells throughout Florida due to the discovery of EDB in wells in other states. The delineated areas of EDB groundwater contamination are shown on the FDEP Map Direct website. The potable wells, agricultural or residential, with confirmed impacts were shown on the website with a 1,000-foot buffer zone in an attempt to project future migration of contaminants. However, this does not mean that there is not EDB contamination outside of that 1,000-foot zone.

After reviewing these EDB-delineated areas on the FDEP Map Direct website, in the vicinity of the study area, GEC found that no EDB-delineation areas appear within the study area.

6.5 Agricultural Land Use

Historical citrus groves were along the study area from 1943 to 2019. These properties were adjacent to Malabar Road and were redeveloped for residential and commercial usage on the eastern portion of the alignment and are currently vacant land on the western portion. Agricultural land use and the effects it can have on a redevelopment project is discussed as **Site No. 22** in **Table 1**.

Two cattle pens and one agricultural barn were identified during the historical aerial photograph review. No cattle dipping vats were observed in the vicinity of the cattle pens and barn. Based on the available information and the historical aerial review, the cattle pens and barn are considered a contamination risk to the proposed roadway widening and are discussed as **Site Nos. 1** through **3** in **Table 1**.

GEC did not identify any additional row crops, cattle grazing, additional cattle pens, farm/ranch buildings, irrigation wells, or water towers in the study area during the site reconnaissance.

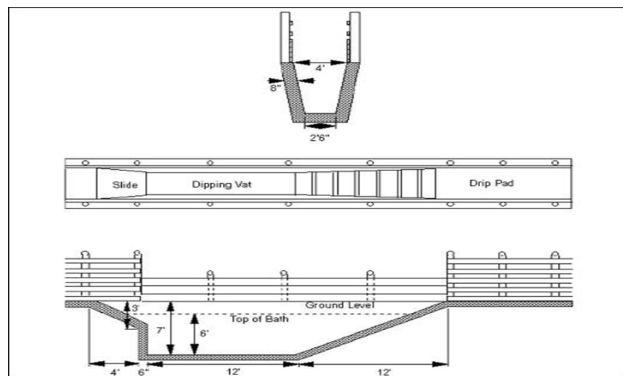
6.6 Railroad Corridors

There are no railroad corridors within the study area.

6.7 Cattle Dip Vats

Cattle dip vats were a response to cattle tick fever in the 1890s. The USDA initiated the cattle dip vat program in 1906 and approximately 3,200 cattle dip vats had been constructed by 1940.

Cattle dip vats were used until the 1960s and many vats have not been located or documented. Cattle dip vats were used to apply pesticides to cattle and other livestock, kill ticks, and thereby eliminate tick-borne diseases. The vats were typically constructed of concrete. They consisted of four sections; the entrance slide, dipping vat, exit stairs and drip pad. Cattle were funneled into a chute leading to the entrance slide, then slid down into the pesticide-filled vat, swam or walked across the vat and up the exit stairs to the drip pad. The vats were roughly four feet wide, seven feet deep, and 40 feet long as shown on the following diagram.



Due to the relatively small size of the vat and the narrow profile, it is difficult to identify a cattle dip vat from aerial photographs, or in a wooded area. Cattle dip vats are typically identified when the land owner reveals the location, when they are located near historical cattle pens and chutes, and by happening upon them. To add to the difficulty in identifying historical cattle dip vats, many

landowners removed the vats when the program was closed. They either dug up the vat or broke up the concrete and covered it with soil.

Two cattle pens and one agricultural barn were identified during the historical aerial photograph review. No cattle dipping vats were observed in the vicinity of the cattle pens and barn. Based on the available information and the historical aerial review, the cattle pens and barn are considered a contamination risk to the proposed roadway widening and are discussed as **Site Nos. 1** through **3** in **Table 1**.

No cattle dip vats were identified within the study area through public record and database review, historical aerial photograph review, or site reconnaissance. Based on available

information, we found no evidence that cattle dip vats within the study area contribute to contamination risk for this project.

7.0 INTERVIEWS

On February 2, 2021, GEC interviewed Mr. Shane Gibbs Government Operations Consultant Office of Emergency Response regarding the petroleum spill (discussed as **Site No. 15** in **Table 1**) at the intersection of Malabar Road and Minton Road. Mr. Gibbs provided documentation on the incident and stated that due to the age of the incident, that was the only available information. Mr. Gibbs indicated this incident is closed.

On February 9, 2021, GEC contacted the Waste Operations at the Florida Department of Environmental Protection regarding any history of contamination concerns within the study area. As of the date of this report, GEC has not received a response.

On February 9, 2021, GEC interviewed Ms. Maryann Civil, P.G. with the Small Quantity Generator Hazardous Waste Program with Brevard County Natural Resources Management, concerning any hazardous waste concerns within the study area. Ms. Civil forwarded our request to Ms. Sandra SanzGarcia. GEC provided more information to Ms. SanzGarcia regarding the study area and received a response from Mr. Jeffery Grantham stating that he did not identify any hazardous waste contamination concerns or any related potential conditions of environmental concerns within the study area.

On February 9, 2021, GEC interviewed Mr. Doug Divers, Local Program Manager with Brevard County Natural Resources Management, concerning any contamination concerns within the study area. Mr. Divers forwarded our information request to Mr. Jeffrey Grantham, Environmental Specialist 1. Mr. Grantham responded indicating he did not identify any hazardous waste contamination concerns or any related potential conditions of environmental concerns within the study area.

On May 23, 2023, GEC contacted Mr. Doug Divers, Program Manager of the Brevard County Natural Resources Management Department, regarding possible cattle dip vats in the vicinity of **Pond C-7 Alt. 3**. Mr. Divers stated his office no longer had records of cattle dip vats.

No additional interviews were performed in the preparation of this assessment. The interview documentation is included in **Appendix J**.

8.0 SITE RECONNAISSANCE

GEC representatives performed a reconnaissance of the study area on February 4, 2021. The purpose of the reconnaissance was to document existing conditions and evaluate whether current land uses could result in hazardous material or petroleum product contamination of environmental media.

A reconnaissance was performed for **Pond C-7 Alt 3** on June 6, 2023, to whether current land uses could result in hazardous material or petroleum product contamination of environmental media.

The properties within the project study area were visually inspected for evidence of contamination such as stressed vegetation, underground tank vent and fill pipes, dumping, accumulated areas of debris, evidence of buried materials, and ground staining.

Details of the site reconnaissance and photographs obtained are incorporated in the Potential Contamination Site Descriptions in **Table 1**.

9.0 CONCLUSIONS AND RECOMMENDATIONS

This CSER has identified the 21 sites that, in GEC's opinion, have some risk of contamination impacts to this project. The site locations are shown on **Figures 4A** and **4B**. **Table 1** summarizes the findings for each rated site.

9.1 Potential Contamination Sites

Low Risk Sites (12)

Site Number	Site Name	Site Address	Risk Potential
4	Biarritz Disaster Debris Management Site	1224 - 1228 Biarritz Street	Low
5	City of Palm Bay - Public Works	1050 Malabar Road	Low
8	O'Reilly Auto Parts	235 Malabar Road	Low
9	Autozone	260 Malabar Road	Low
10	Coastal Biosystem	270 Malabar Road	Low
11	Sun Clean Dry Cleaners	190 Malabar Road #123	Low
12	Winn-Dixie Store #2230	190 Malabar Road	Low
13	Bennett Auto Supply	142 Malabar Road	Low
15	SPILLS Site	Malabar Road & Minton Road	Low
18	Lubrication Specialist Inc.	6369 Minton Road	Low
19	Construction Yard	120 Malabar Road	Low
20	Palm Bay City Hall	120 Malabar Road	Low

Medium Risk Sites (9)

Site Number	Site Name	Site Address	Risk Potential
1	Cattle Pen	Malabar Road	Medium
2	Agricultural Barn	2200 Malabar Road	Medium
3	Cattle Pen	Malabar Road	Medium
6	Circle K #2726513	900 Malabar Road	Medium
7	Malabar Cove	3 NW Malabar Road	Medium
14	Bob Youtzy Landclearing	201 Malabar Road	Medium
16	7-Eleven Food Store #32756	6405 Minton Road	Medium
17	Cumberland Farms	105 Malabar Road / 6375 Minton Road	Medium
21	Historical Citrus	N/A	Medium

Pond Sites (15)

Pond Name	Location	Risk Potential	Relevant Site Number
C-7 Alt. 1	Station 63+50 – 66+17 Right	Medium	21
FPCA	Station 84+00 – 85+65 Right	Medium	2, 21
C-7 Alt. 2	Station 85+65 – 88+60 Right	Medium	2, 21
C-7 Alt. 3	Station 53+80 – 55+53 Right	Low	N/A
C-7 Alt. 3 FPCA	Station 53+80 – 55+53 Right	Low	N/A
C-8 & C-9 Combined Alt. 2	Station 90+00 – 92+60 Right	Low	N/A
C-8 & C-9 Combined Alt. 1	Station 102+00 – 104+40 Left	Low	N/A
C-10 West Alt. 1	Station 135+00 – 136+80 Left	Low	N/A
C-10 East Alt. 1 (Swale 1)	Station 145+00 – 155+00 Right	Low	N/A
C-10 East Alt. 1 (Swale 2)	Station 155+70 – 166+20 Right	Low	N/A
C-10 East Alt. 1 (Swale 3) C-10 West Alt. 2 (Option 1)	Station 169+15 – 175+45 Right	Low	N/A
C-10 East Alt. 2 C-10 West Alt. 2 (Option 2 – Expand Pond)	Station 175+45 – 179+00 Left	Medium	21
C-20 Supplemental Swale	Station 198+45 – 201+00 Right Station 204+40 – 208+70 Right	Low	N/A
C-20 Alt. 1	Station 229+00 – 231+85 Right	Medium	21
C-20 Alt. 2	Station 240+35 – 244+25 Right	Medium	7, 21

9.2 Level II Impact to Construction (ICA) Recommendations

Based on our current knowledge of the design plans, Level II ICAs may be required for the **nine Medium Risk** sites and **six Medium Risk** pond sites listed above to evaluate the presence of contamination.

A Level II ICA was performed for Pond C-20 Alternative 1 and is attached as **Appendix K**.

9.3 CSER Update

This CSER should be updated if right of way acquisition or construction will occur more than **one year** from the date of this report to determine if additional assessment is warranted due to significant changes in site conditions or project design.

10.0 LIMITATIONS

The findings, opinions, conclusions and recommendations presented herein are based in part on reasonably ascertainable information contained in the public record. GEC does not warrant or guarantee the accuracy or completeness of this information. Some of this public record information may be dated and not representative of conditions at the time of this report was prepared (January, February, November, and December 2021, and May and June 2023), or in the future. Additional limitations are as follows:

- Not discussed in this report are properties that have been historically undeveloped land, are associated with residential use and do not appear to pose a contamination risk, or are professional/commercial establishments that are not associated with hazardous materials or petroleum products.
- This study also does not include surveys of wetlands, endangered species, asbestos containing materials, lead-based paints, or other potential hazardous building materials.

11.0 USE OF THIS REPORT

GEC has prepared this report for the exclusive use of our client, Kittelson & Associates, Inc. and the City of Palm Bay, and for application to our client's project. GEC will not be held responsible for any other party's interpretation or use of this report's data or recommendations without our written authorization.

GEC has performed the services described in this report in a manner consistent with that level of care and skill ordinarily exercised by members of our profession currently practicing in Central Florida. No other representation is made or implied in this document.

The conclusions and recommendations should be disregarded if the final project design differs from the project description in this report. If such changes are contemplated, GEC should be retained to review the new plans to assess the applicability of this report in light of proposed changes.

FIGURES

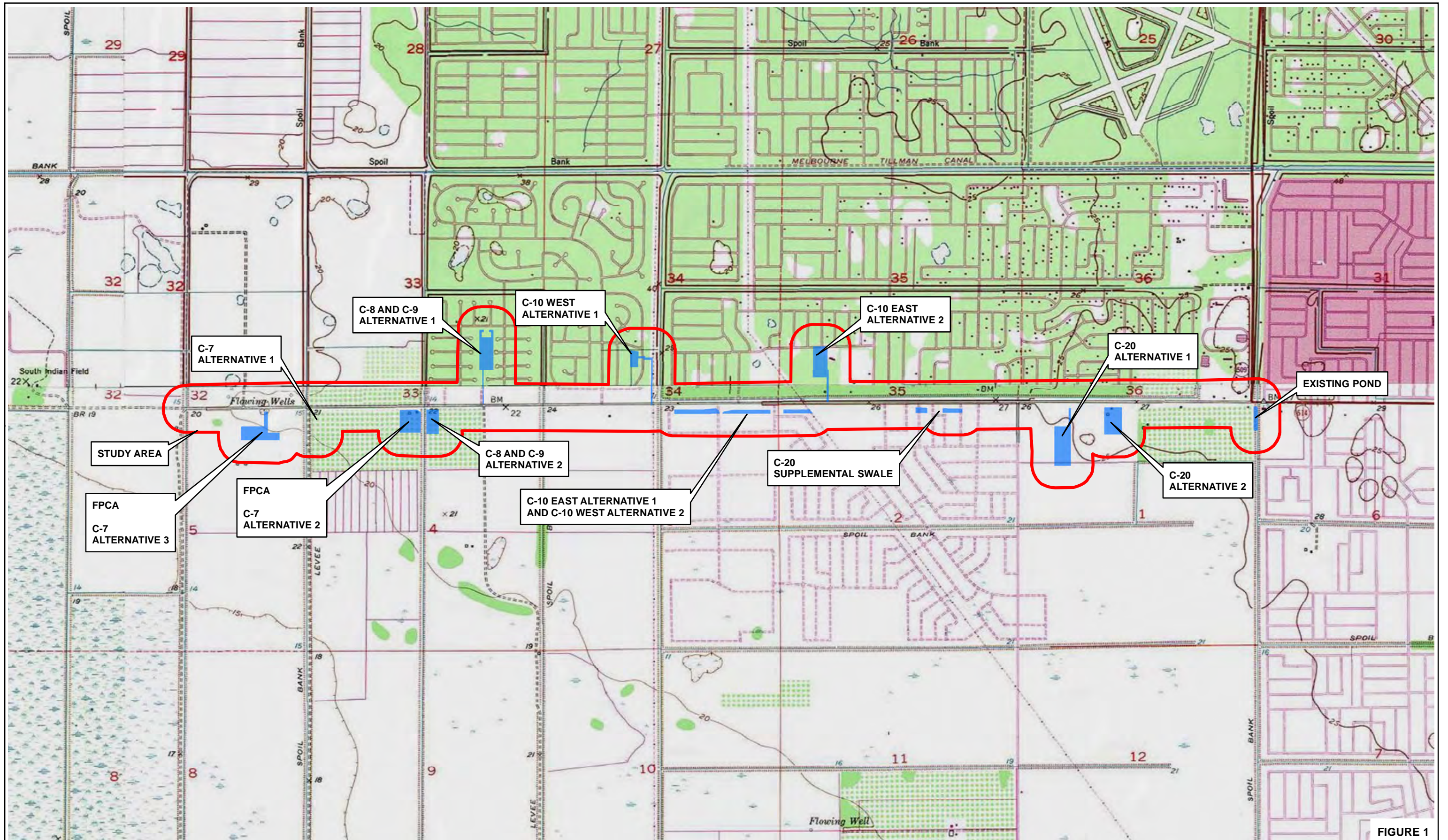
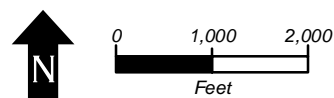


FIGURE 1

Melbourne West Quadrangle
 Dated: 1988
Fellsmere NW Quadrangle
 Dated: 1970

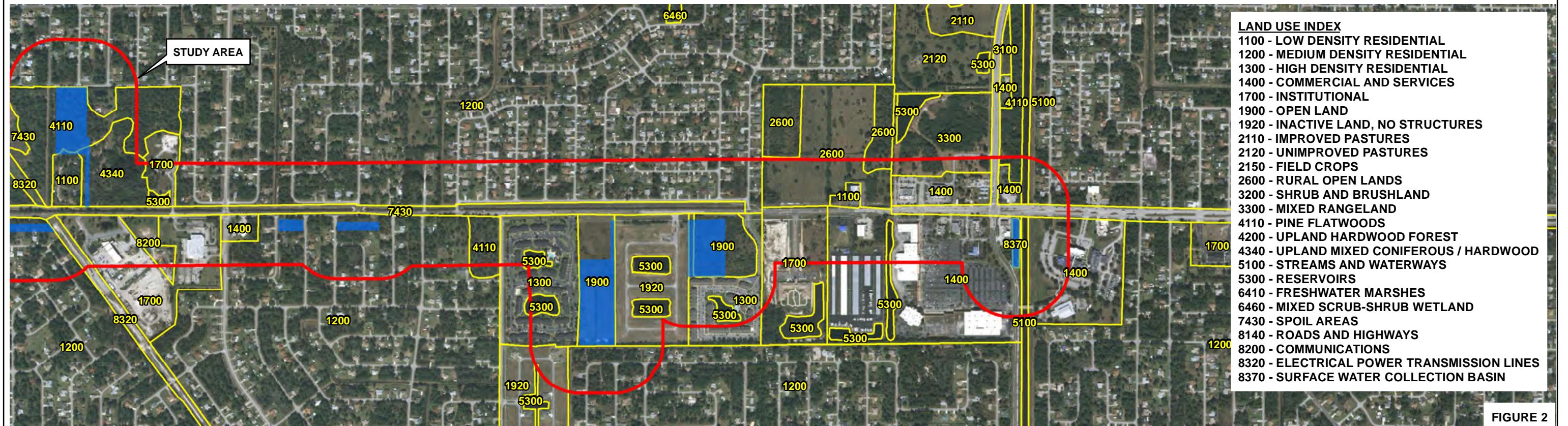


RICHARD P. McCORMICK, P.G.
 P.G. LICENSE NUMBER 2096
 GEOTECHNICAL AND ENVIRONMENTAL
 CONSULTANTS, INC.
 919 LAKE BALDWIN LANE
 ORLANDO, FL 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MALABAR	BREVARD	437210-1-28-01

USGS QUADRANGLE MAP

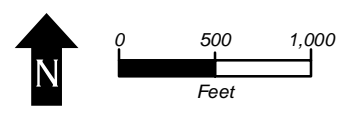
SHEET NO.



LAND USE INDEX

- 1100 - LOW DENSITY RESIDENTIAL
- 1200 - MEDIUM DENSITY RESIDENTIAL
- 1300 - HIGH DENSITY RESIDENTIAL
- 1400 - COMMERCIAL AND SERVICES
- 1700 - INSTITUTIONAL
- 1900 - OPEN LAND
- 1920 - INACTIVE LAND, NO STRUCTURES
- 2110 - IMPROVED PASTURES
- 2120 - UNIMPROVED PASTURES
- 2150 - FIELD CROPS
- 2600 - RURAL OPEN LANDS
- 3200 - SHRUB AND BRUSHLAND
- 3300 - MIXED RANGELAND
- 4110 - PINE FLATWOODS
- 4200 - UPLAND HARDWOOD FOREST
- 4340 - UPLAND MIXED CONIFEROUS / HARDWOOD
- 5100 - STREAMS AND WATERWAYS
- 5300 - RESERVOIRS
- 6410 - FRESHWATER MARSHES
- 6460 - MIXED SCRUB-SHRUB WETLAND
- 7430 - SPOIL AREAS
- 8140 - ROADS AND HIGHWAYS
- 8200 - COMMUNICATIONS
- 8320 - ELECTRICAL POWER TRANSMISSION LINES
- 8370 - SURFACE WATER COLLECTION BASIN

FIGURE 2

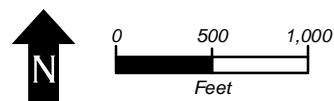
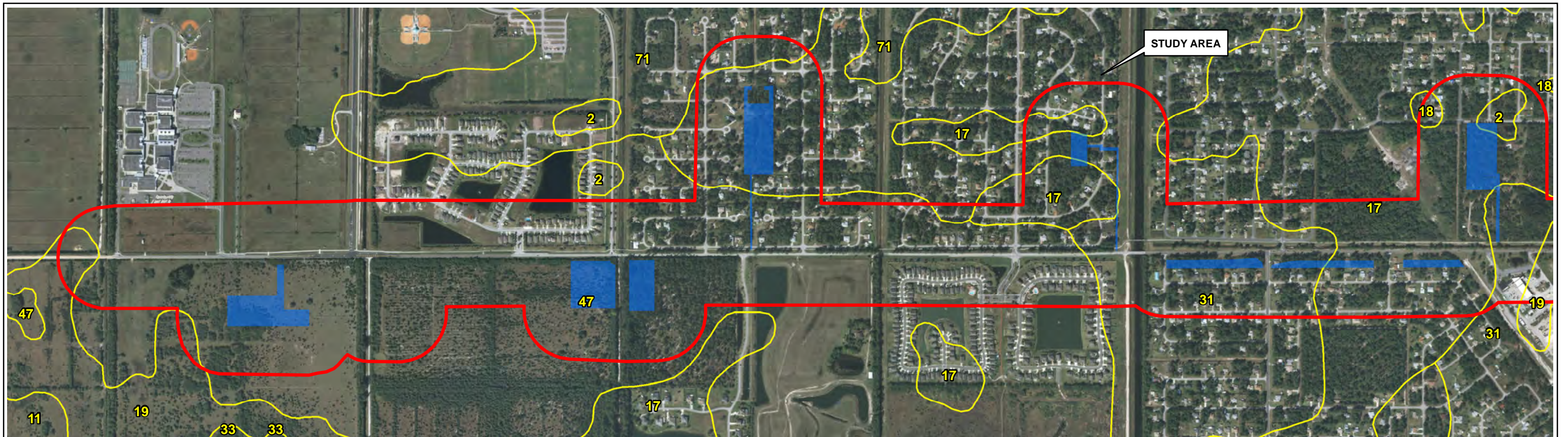


RICHARD P. McCORMICK, P.G.
 P.G. LICENSE NUMBER 2096
 GEOTECHNICAL AND ENVIRONMENTAL
 CONSULTANTS, INC.
 919 LAKE BALDWIN LANE
 ORLANDO, FL 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MALABAR	BREVARD	437210-1-28-01

LAND USE MAP

SHEET NO.



RICHARD P. McCORMICK, P.G.
 P.G. LICENSE NUMBER 2096
 GEOTECHNICAL AND ENVIRONMENTAL
 CONSULTANTS, INC.
 919 LAKE BALDWIN LANE
 ORLANDO, FL 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MALABAR	BREVARD	437210-1-28-01

NRCS SOIL SURVEY MAP

SHEET NO.

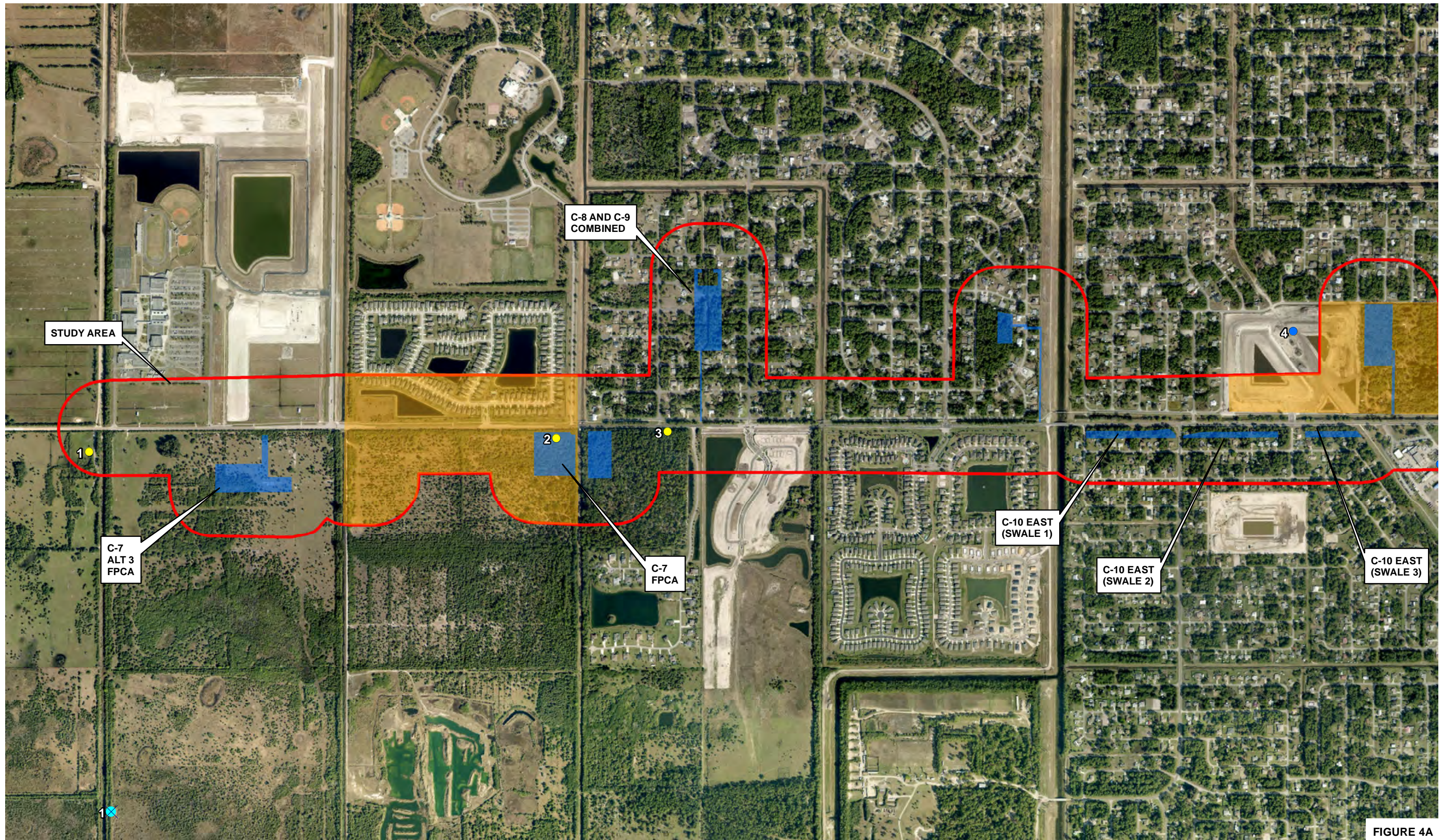


FIGURE 4A

<ul style="list-style-type: none"> ● SITE WITH HIGH RISK RATING ● SITE WITH MEDIUM RISK RATING ● SITE WITH LOW RISK RATING 	<p> SITE 21 (MEDIUM RISK RATING) HISTORICAL CITRUS GROVES</p>	 	<p>RICHARD P. McCORMICK, P.G. P.G. LICENSE NUMBER 2096 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. 2510 MICHIGAN AVENUE, SUITE D KISSIMMEE, FL 34744-1933</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">ROAD NO.</th> <th style="width: 25%;">COUNTY</th> <th style="width: 50%;">FINANCIAL PROJECT ID</th> </tr> <tr> <td style="text-align: center;">MALABAR</td> <td style="text-align: center;">BREVARD</td> <td style="text-align: center;">437210-1-28-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	MALABAR	BREVARD	437210-1-28-01	<p>POTENTIAL CONTAMINATION SITE MAP</p>	<p>SHEET NO.</p>
ROAD NO.	COUNTY	FINANCIAL PROJECT ID										
MALABAR	BREVARD	437210-1-28-01										

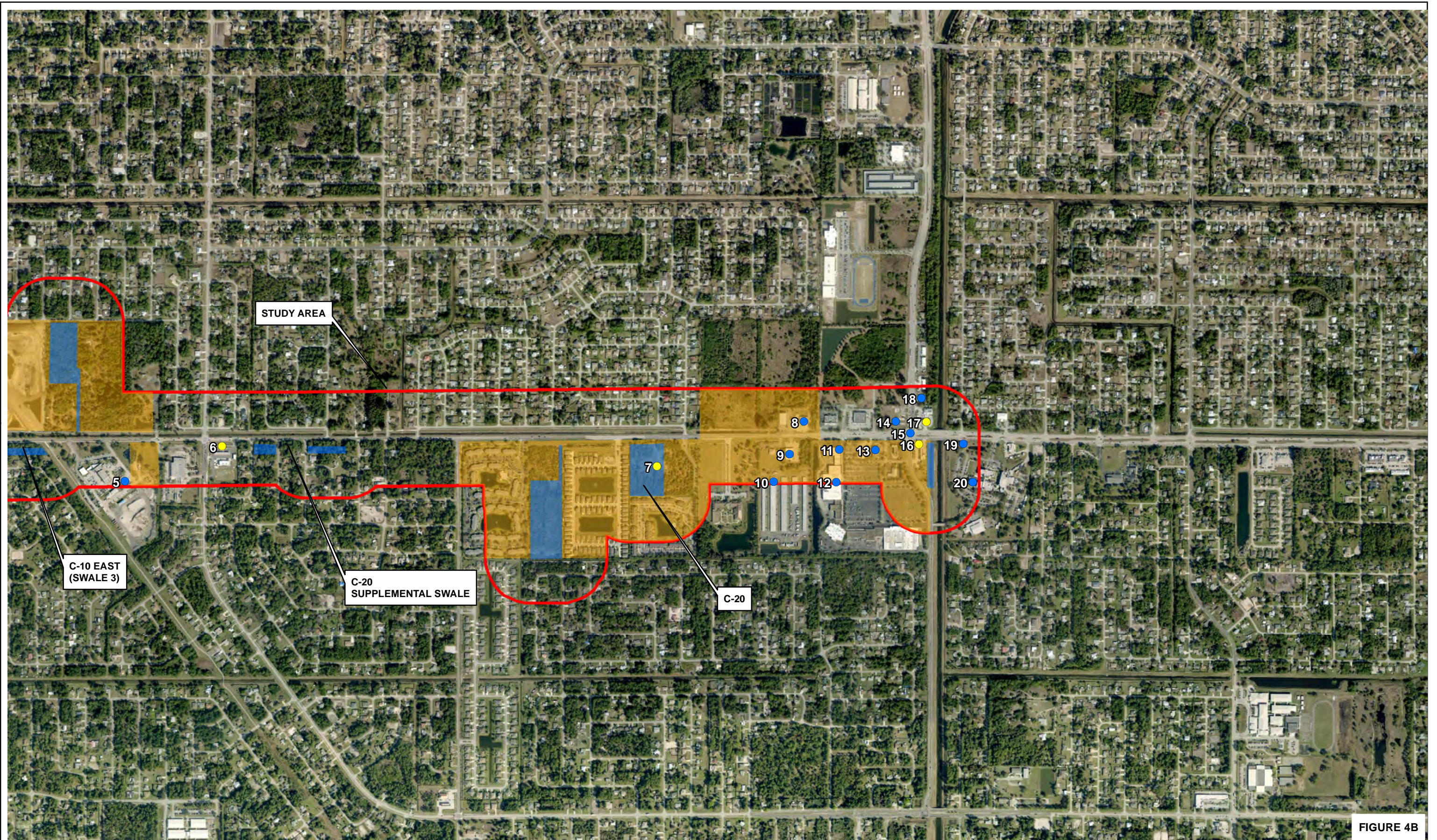
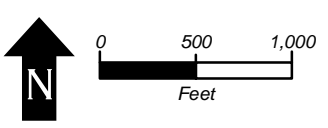


FIGURE 4B

- SITE WITH HIGH RISK RATING
- SITE WITH MEDIUM RISK RATING
- SITE WITH LOW RISK RATING
- SITE 21 (MEDIUM RISK RATING) HISTORICAL CITRUS GROVES



RICHARD P. McCORMICK, P.G.
 P.G. LICENSE NUMBER 2096
 GEOTECHNICAL AND ENVIRONMENTAL
 CONSULTANTS, INC.
 2510 MICHIGAN AVENUE, SUITE D
 KISSIMMEE, FL 34744-1933

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MALABAR	BREVARD	437210-1-28-01

*POTENTIAL CONTAMINATION
SITE MAP*

SHEET
NO.

TABLES

Table 1
Potential Contamination Site Summary

GEC Project No. 4511E

Site No:	1		Risk Potential:	MEDIUM		
Site Name	Cattle Pen					
Site Address	Malabar Road					
Site Location	400 Feet South of Malabar Road					
Distance/Direction	Station: 62+00 Offset: 400' Right					
Facility ID Nos:	N/A					
Database Listings/Sources:	Historical Aerial Photograph Review					
Historical Land Use	Agricultural/Cattle Pen					
Current Land Use	Agricultural/Cattle Pen					
Contaminants	Hazardous Materials					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A	N/A	N/A	N/A	N/A	N/A	
Discharge Date	N/A		Cleanup Date:	N/A		
	Soil			Groundwater		
Documented/ Known Impacts:	NO			NO		

PUBLIC RECORDS: This site was identified through the historical aerial photograph review. The cattle pen is visible from 1943 through 2004. The cattle pen is no longer visible from 2004 through 2014 due to vegetation growth. In 2020 the cattle pen is visible with the addition of a new fence on the north side of the cattle pen. Cattle were historically treated with pesticides while contained in pens. Residual pesticide impacts may exist on-site.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site appears to be an active cattle pen. The fencing and gates appear to have been maintained.

CONCLUSIONS: Based on the agricultural use of this site, the potential for residual pesticide impacts, and its proximity to Malabar Road, this site has been assigned a Contamination Risk Rating (CRR) of **Medium**.

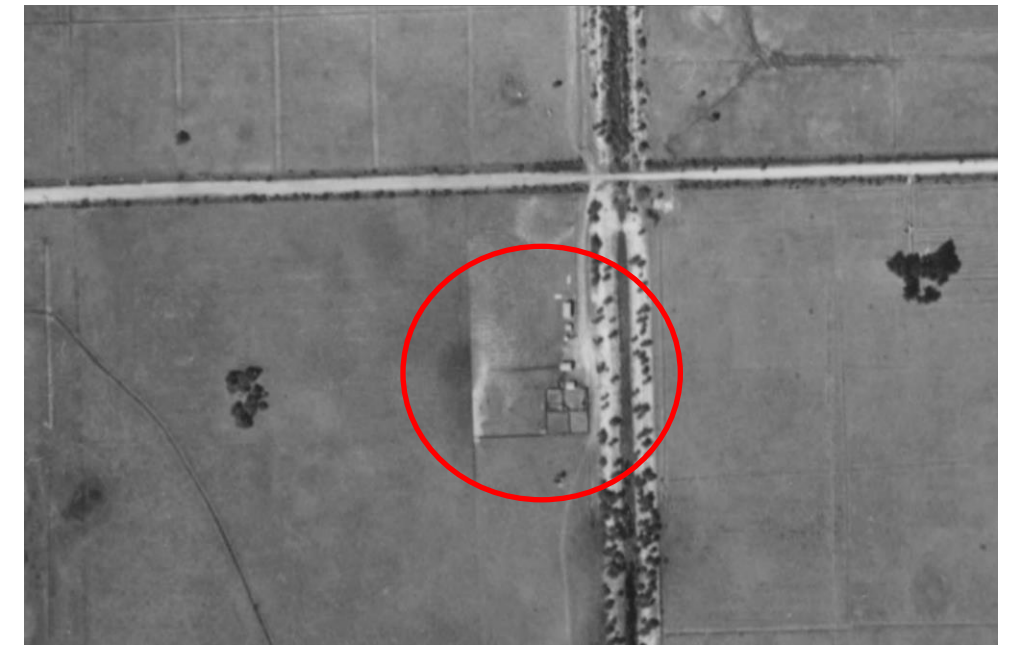


Photo taken from 1953 historical aerial showing the cattle pen.

Site No:	2		Risk Potential:	MEDIUM		
Site Name	Agricultural Barn					
Site Address	2200 Malabar Road					
Site Location	Southwest quadrant of the Malabar Road and Allison Drive Intersection					
Distance/Direction	Station: 85+50 Offset: 130' Right					
Facility ID Nos:	N/A					
Database Listings/Sources:	Historical Aerial Photograph Review					
Historical Land Use	Agricultural Use / Citrus Grove					
Current Land Use	Vacant Land					
Contaminants	Petroleum Products and Hazardous Materials					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A	N/A	N/A	N/A	N/A	N/A	
Discharge Date	N/A		Cleanup Date:	N/A		
	Soil			Groundwater		
Documented/ Known Impacts:	NO			NO		

PUBLIC RECORDS: This site was identified through the historical aerial photograph review. This site is visible dating back to 1943 and appears to be a residence and barn with an adjacent citrus grove. The barn was dismantled and pieces of the barn appear to be stored on site from 1994 through 2020.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently vacant land with overgrown vegetation. The barn appears to have been demolished due to weather or manually. Aluminum roofing materials and wooden planks are visible in piles along the northern portion of the site.

CONCLUSIONS: Based on the agricultural use of this site, the location of Flood Plain Compensation Area (FPCA) and Pond C-7 Alt 2, and its proximity to Malabar Road, this site has been assigned a CRR of **Medium**.



Photo taken from 1972 historical aerial showing agricultural barn.

**Table 1
Potential Contamination Site Summary**

GEC Project No. 4511E

Site No:	3		Risk Potential:	MEDIUM	
Site Name	Cattle Pen				
Site Address	Malabar Road				
Site Location	Southwest quadrant of the Malabar Road and Allison Drive Intersection				
Distance/Direction	Station: 98+80 Offset: 60' Right				
Facility ID Nos:	N/A				
Database Listings/Sources:	Historical Aerial Photograph Review				
Historical Land Use	Agricultural/Cattle Pen				
Current Land Use	Vacant Land				
Contaminants	Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A	N/A	N/A	N/A	N/A	N/A
Discharge Date	N/A		Cleanup Date:	N/A	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: This site was identified through the historical aerial photograph review and was visible only in 1943. From 1951 through 2020 the site is vacant land with light to heavy vegetation coverage. Cattle were historically treated with pesticides while contained in pens. Residual pesticide impacts may exist on-site.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site was difficult to see due to overgrown vegetation and dense woods. No evidence of a cattle pen was found on site.

CONCLUSIONS: Based on the potential for residual pesticide impacts at this site, and its proximity to Malabar Road, this site has been assigned a CRR of **Medium**.



Photo taken from 1943 historical aerial showing the cattle pen.

Site No:	4		Risk Potential:	LOW	
Site Name	Biarritz Disaster Debris Management Site				
Site Address	1224 – 1228 Biarritz Street				
Site Location	North of Malabar Road				
Distance/Direction	Station: 170+00 Offset: 1000' Left				
Facility ID Nos:	99910				
Database Listings/Sources:	SWF/LF				
Historical Land Use	Vacant Land				
Current Land Use	Vacant Land – Under Construction				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A	N/A	N/A	N/A	N/A	N/A
Discharge Date	N/A		Cleanup Date:	N/A	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: In 2017, the site was pre-authorized as a disaster debris management site and in 2018 the registration was complete. There are no records indicating this site was utilized for disaster debris. Historical aerial photographs show this site as having been raised with fill soil in about 2009. The property is currently under construction for residential development.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site has been cleared and appears to be under construction.

CONCLUSIONS: Based on the lack of contamination records and its distance from the roadway widening project, this site has been assigned a CRR of **Low**.



Photo taken from north of the site facing south. The area is under construction and currently contains concrete and PVC pipes.

Table 1
Potential Contamination Site Summary

GEC Project No. 4511E

Site No:	5		Risk Potential:	LOW	
Site Name	City of Palm Bay – Public Works				
Site Address	1050 Malabar Road				
Site Location	Southwest quadrant of the Malabar Road and Jupiter Boulevard Intersection				
Distance/Direction	Station: 181+00 Offset: 400' Right				
Facility ID Nos:	FLD982077737, 1000440371, 8518277				
Database Listings/Sources:	RCRA-VSQG, LUST, UST, AST, FINDS, TIER 2				
Historical Land Use	Citrus Grove				
Current Land Use	Public Works				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	10,000	Leaded Gas	9/1984	9/1988
1	U	10,000	Unleaded Gas	9/1984	9/1988
2	U	10,000	Unleaded Gas	9/1988	1/2010
1	U	10,000	Vehicular Diesel	11/1988	1/2010
1	U	10,000	Vehicular Diesel	9/1984	9/1988
1	A	275	New/Lube Oil	7/1988	1/2010
2	U	15,000	Unleaded Gas	1/2010	In-Use
1	U	15,000	Vehicular Diesel	1/2010	In-Use
1	A	275	New/Lube Oil	Unk.	9/1988
1	A	275	New/Lube Oil	9/1988	In-Use
2	A	550	New/Lube Oil	Unk.	In-Use
1	A	550	Waste Oil	Unk.	Unk.
1	U	1,000	Unleaded Gas	Unk.	Unk.
2	U	2,000	Leaded Gas	Unk.	Unk.
1	U	2,000	Unleaded Gas	Unk.	Unk.
1	U	2,500	Leaded Gas	Unk.	Unk.
1	A	2,500	Vehicular Diesel	Unk.	Unk.
Discharge Date	02/1994 & 02/2010		Cleanup Date:	01/2014	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: A discharge was reported for this site on February 9, 1994 due to a vapor detection of unleaded gasoline leaking from one of the tanks. The discharge was later reclassified as a vapor release and granted a “cleanup not required” status. A second discharge was reported on February 2, 2010 due to the discovery of contamination during tank removal activities. In August 2012, approximately 600-cubic yards of soil was excavated from the south and west sides of the underground storage tank area. Additionally, temporary dewatering was performed in the area via a well point system. In January 2014, groundwater sampling activities found no contamination detections exceeding cleanup target levels. An SRCO was issued for this site in August 2014. In addition, this site operates as a conditionally exempt small quantity generator. Based on the most recent tank inspection dated May 2018, the facility appears to be in compliance.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently the City of Palm Bay Public Works facility.

CONCLUSIONS: Based on the distance (the fueling tanks are > 400 feet south of Malabar Road) of the facility from the roadway widening activities, and the SRCO issued for the site in January 2014, the site has been issued a CRR of **Low**.



Photo taken from north of the site facing south. The Public Works building and parking area are visible.

**Table 1
Potential Contamination Site Summary**

GEC Project No. 4511E

Site No:	6		Risk Potential:	MEDIUM	
Site Name	Lil Champ Store #513 / Circle K #2726513 / Kangaroo Express Inc #6513 / Pantry Inc #6513				
Site Address	900 Malabar Road SW				
Site Location	Southeast corner of the Malabar Road and Jupiter Boulevard Intersection				
Distance/Direction	Station: 195+00 Offset: 75' Right				
Facility ID Nos:	8732741, FLD984192237				
Database Listings/Sources:	LUST, UST, NPDES, RCRA-VSQQ, EDR Hist Auto, City Directories				
Historical Land Use	Gas Station				
Current Land Use	Gas Station				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	6,000	Unleaded Gas	May-87	6/2010
2	U	10,000	Unleaded Gas	May-87	6/2010
1	U	6,000	Vehicular Diesel	May-87	6/2010
2	U	16,000	Unleaded Gas	Jun-10	2/2020
1	U	20,000	Vehicular Diesel	Feb-20	In-Use
2	U	20,000	Unleaded Gas	Feb-20	In-Use
Discharge Date	04/1993 & 02/2005		Cleanup Date:	9/2002 & 9/2011	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: While the 16,000-gallon tanks are listed as being in use at the site, an Underground Storage Tank Closure Assessment Report dated November 12, 2019 shows the tanks were removed in October 2019. Assessment conducted at the time of the tank removal did not find any excessively contaminated soil or groundwater. Two historical discharges were reported on-site. The first discharge occurred in April 1993 and was reported in response to vapor detection. The discharge was granted No Further Action status in September 2002. The second discharge was reported in February 2005 in response to the discovery of damaged tank equipment. After the removal of contaminated soil from the site, the discharge was granted an SRCO in September 2011.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently a Circle K gas station.

CONCLUSIONS: Based on the site's proximity to Malabar Road, the projects roadway widening and re-alignment, and the gas station nature of the property, this site has been assigned a CRR of **Medium**.



Photo taken from north of the site facing south. The Circle K gas station is visible.

**Table 1
Potential Contamination Site Summary**

GEC Project No. 4511E

Site No:	7		Risk Potential:	MEDIUM	
Site Name	Malabar Cove				
Site Address	NW Malabar Road				
Site Location	Southeast quadrant of the Malabar Road and Sutherland Drive intersection				
Distance/Direction	Station: 242+00 Offset: 300' Right				
Facility ID Nos:	Cleanup Site, FAC				
Database Listings/Sources:	COM_383098				
Historical Land Use	Citrus Grove				
Current Land Use	Landscape Storage				
Contaminants	Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A	N/A	N/A	N/A	N/A	N/A
Discharge Date	N/A		Cleanup Date:	N/A	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		YES		

PUBLIC RECORDS: This site is the location of an arsenic groundwater contamination plume originating from this property due to its former agricultural use. Site assessment activities conducted in October 2019 documented an arsenic groundwater contamination plume. A letter from FDEP dated April 3, 2020 indicated cleanup was not required.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is vacant land and is currently being used by a landscaping company for storage.

CONCLUSIONS: Based on the footprint of the C-20 Alternative 2 pond, and the known arsenic plume, this site has been assigned a CRR of **Medium**.



Photo taken from north of the site facing south. Large unplanted palm trees are visible across the vacant site.

Site No:	8		Risk Potential:	LOW	
Site Name	O'Reilly Auto Parts				
Site Address	235 Malabar Road				
Site Location	North of Malabar Road				
Distance/Direction	Station: 260+00 Offset: 125' Left				
Facility ID Nos:	1018111595, 1017815670				
Database Listings/Sources:	ECHO, FINDS, Site Reconnaissance				
Historical Land Use	Citrus Grove				
Current Land Use	Auto Parts Store				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A	N/A	N/A	N/A	N/A	N/A
Discharge Date	N/A		Cleanup Date:	N/A	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: This site was identified through our site reconnaissance. This location is not listed within any of the reviewed regulatory databases and does not have a public record or any record of storage tanks.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently an O'Reilly Auto Parts.

CONCLUSIONS: Based on the lack of documented contamination impacts, and no observable signs of contamination during the site reconnaissance, this site has been assigned a CRR of **Low**.



Photo taken from west of the site facing east. The O'Reilly Auto Parts store is visible.

**Table 1
Potential Contamination Site Summary**

GEC Project No. 4511E

Site No:	9		Risk Potential:	LOW		
Site Name	AutoZone					
Site Address	260 Malabar Road					
Site Location	South of Malabar Road					
Distance/Direction	Station: 258+00 Offset: 130' Right					
Facility ID Nos:	N/A					
Database Listings/Sources:	City Directories					
Historical Land Use	Citrus Grove					
Current Land Use	Auto Parts Store					
Contaminants	Petroleum Products and Hazardous Materials					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A	N/A	N/A	N/A	N/A	N/A	
Discharge Date	N/A		Cleanup Date:	N/A		
	Soil			Groundwater		
Documented/ Known Impacts:	NO			NO		

PUBLIC RECORDS: The city directories listed this site between 2000 and 2017 as an auto supply shop. This location is not listed within any of the reviewed regulatory databases and does not have a public record or any record of storage tanks.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently an Auto Zone auto parts store.

CONCLUSIONS: Based on the lack of documented contamination impacts, and no observable signs of contamination during the site reconnaissance, this site has been assigned a CRR of **Low**.



Photo taken from north of the site facing south. The Auto Zone is visible.

Site No:	10		Risk Potential:	LOW		
Site Name	Coastal Biosystem					
Site Address	270 Malabar Road					
Site Location	South of Malabar Road					
Distance/Direction	Station: 257+00 Offset: 450' Right					
Facility ID Nos:	FLR0000089342					
Database Listings/Sources:	RCRA NonGen / NLR, FINDS, ECHO, City Directories					
Historical Land Use	Citrus Grove					
Current Land Use	Storage Facility					
Contaminants	Hazardous Materials					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A	N/A	N/A	N/A	N/A	N/A	
Discharge Date	N/A		Cleanup Date:	N/A		
	Soil			Groundwater		
Documented/ Known Impacts:	NO			NO		

PUBLIC RECORDS: The site was formerly registered as a conditionally exempt small quantity generator of hazardous waste. As of May 2011, the site was listed as closed and no longer generates hazardous waste. No record of registered tanks or documented contamination impacts was found in the public record. The city directories list this site from 2005 to 2017 as a storage facility.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site appears to be a storage facility. The site has an electric gate and we were unable to enter the site.

CONCLUSIONS: Based on the closed hazardous waste status, the lack of documented contamination impacts, and the site's location outside of the stormwater pond footprint, this site has been assigned a CRR of **Low**.



Photo taken from north of the site facing south. Coastal Biosystem is visible.

Table 1
Potential Contamination Site Summary

GEC Project No. 4511E

Site No:	11	Risk Potential:	LOW
Site Name	Sun Clean Dry Cleaners		
Site Address	190 Malabar Road #123		
Site Location	South of Malabar Road		
Distance/Direction	Station: 263+80 Offset: 140' Right		
Facility ID Nos:	9502881		
Database Listings/Sources:	EDR Hist Cleaner, City Directories		
Historical Land Use	Citrus Grove		
Current Land Use	Dry Cleaner		
Contaminants	Hazardous Materials		
TANKS	U/A	Capacity (gal)	Content
N/A	N/A	N/A	N/A
Discharge Date	N/A	Cleanup Date:	N/A
		Soil	Groundwater
Documented/ Known Impacts:	NO		NO

PUBLIC RECORDS: The site is listed as a dry-cleaning facility from 1995 through 2017. A tank facility registration number was issued and no record of any registered tanks or documented contamination impacts were found.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently a dry cleaners facility.

CONCLUSIONS: Based on the lack of documented contamination impacts, the site has been issued a CRR of **Low**.



Photo taken from northeast of the site facing southwest. The Sun Clean Dry Cleaners is visible.

Site No:	12	Risk Potential:	LOW
Site Name	Winn-Dixie Store #2230		
Site Address	190 Malabar Road		
Site Location	South of Malabar Road		
Distance/Direction	Station: 263+70 Offset: 500' Right		
Facility ID Nos:	A100308139, 9809265, 1016447907, FLR000203208, S109332761		
Database Listings/Sources:	AST, RCRA-VSQG, FINDS, ECHO, Financial Assurance		
Historical Land Use	Citrus Grove		
Current Land Use			
Contaminants	Petroleum Products and Hazardous Materials		
TANKS	U/A	Capacity (gal)	Content
1	A	2,600	Emergency Generator Diesel
Discharge Date	N/A	Cleanup Date:	N/A
		Soil	Groundwater
Documented/ Known Impacts:	NO		NO

PUBLIC RECORDS: The site has an aboveground tank for fueling an emergency generator. The site is also registered as a conditionally exempt small quantity generator. No record of discharges or contamination impacts were found.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently a Winn-Dixie grocery store.

CONCLUSIONS: Based on the lack of contamination impacts and its distance from the Malabar Road widening, the site has been issued a CRR of **Low**.



Photo taken of the site while facing west. The Winn-Dixie Store is visible.

Table 1
Potential Contamination Site Summary

GEC Project No. 4511E

Site No:	13	Risk Potential:	LOW		
Site Name	Bennett Auto Supply				
Site Address	142 Malabar Road				
Site Location	Southwest quadrant of the Malabar Road and Minton Road Intersection				
Distance/Direction	Station: 268+00 Offset: 125' Right				
Facility ID Nos:	N/A				
Database Listings/Sources:	City Directories				
Historical Land Use	Citrus Grove				
Current Land Use	Loan Office				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A	N/A	N/A	N/A	N/A	N/A
Discharge Date	N/A	Cleanup Date:	N/A		
Documented/ Known Impacts:	Soil		Groundwater		
	NO		NO		

PUBLIC RECORDS: The city directories listed this site between 2014 and 2017 as an auto supply shop. This location is not listed within any of the reviewed regulatory databases and does not have a public record or any record of storage tanks.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site was formerly an auto supply shop. It currently is an Amcscot loan office.

CONCLUSIONS: Based on the lack of documented contamination impacts and the site being located outside of the footprint of a stormwater pond, this site has been assigned a CRR of **Low**.



Photo taken from southeast of the site facing northwest. An Amcscot is visible.

Site No:	14	Risk Potential:	MEDIUM		
Site Name	Bob Youtzy Landclearing				
Site Address	201 Malabar Road / 6372 Minton Road				
Site Location	Northwest quadrant of the Malabar Road and Minton Road Intersection				
Distance/Direction	Station: 270+00 Offset: 100' Left				
Facility ID Nos:	8736724				
Database Listings/Sources:	AST, City Directories				
Historical Land Use	Landscaping Facility				
Current Land Use	Vacant Land				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	A	300	Vehicular Diesel	Unk.	Unk.
1	A	300	Unleaded Gas	Unk.	Unk.
1	A	1,000	Vehicular Diesel	09/1987	Unk.
Discharge Date	N/A	Cleanup Date:	N/A		
Documented/ Known Impacts:	Soil		Groundwater		
	NO		NO		

PUBLIC RECORDS: This site was formerly a landscaping company and is listed as Sod Service in the 2005 City Directories. The tanks were removed prior to 1991. No record of site assessment activities or documented contamination impacts were found.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The property has been cleared. Concrete slabs are visible along with de-energized power boxes.

CONCLUSIONS: Based on the unknown locations of the aboveground tanks and lack of contamination assessments, the site has been issued a CRR of **Medium**.



Photo taken from east of the site facing west. The site appears to be vacant.

Table 1
Potential Contamination Site Summary

GEC Project No. 4511E

Site No:	15		Risk Potential:	LOW		
Site Name	SPILLS Site					
Site Address	Malabar Road and Minton Road Intersection					
Site Location	Malabar Road and Minton Road Intersection					
Distance/Direction	Station: 271+75 Offset: 30' Left					
Facility ID Nos:	S106803564, 24654					
Database Listings/Sources:	SPILLS					
Historical Land Use	Intersection					
Current Land Use	Intersection					
Contaminants	Petroleum Products					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A	N/A	N/A	N/A	N/A	N/A	
Discharge Date	N/A		Cleanup Date:	N/A		
	Soil			Groundwater		
Documented/ Known Impacts:	NO			NO		

PUBLIC RECORDS: This site is listed by EDR as a spill incident.

INTERVIEW INFORMATION: GEC interviewed Mr. Shane Gibbs with the Office of Emergency Response concerning this petroleum spills incident. Mr. Gibbs provided documentation regarding the spill indicating that there was a vehicle accident with no petroleum discharge. In addition, due to the spill occurring on June 24, 2004, Mr. Gibbs indicated this incident is closed and no additional records are available.

SITE OBSERVATIONS: N/A

CONCLUSIONS: Based on the lack of documented contamination impacts and the documentation provided by Mr. Gibbs stating no petroleum was released during the incident, this site has been assigned a CRR of **Low**.



Photo taken from a 2020 aerial photograph showing the intersection of Malabar Road and Minton Road.

Site No:	16		Risk Potential:	MEDIUM		
Site Name	7-Eleven Food Store #32756					
Site Address	6405 Minton Road					
Site Location	Southeast corner of Malabar Road and Minton Road Intersection					
Distance/Direction	Station: 272+50 Offset: 110' Right					
Facility ID Nos:	9802043					
Database Listings/Sources:	LUST, UST, CLEANUP SITES					
Historical Land Use	Citrus Grove					
Current Land Use	Gas Station					
Contaminants	Petroleum Products					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
3	U	10,000	Unleaded Gas	09/1999	In-Use	
Discharge Date	09/2018		Cleanup Date:	-		
	Soil			Groundwater		
Documented/ Known Impacts:	YES			YES		

PUBLIC RECORDS: A discharge was reported for this site in September 2018 after a hydrostatic failure of the containment at dispenser 9/10 was reported. Based on initial groundwater and soil testing, contamination was found in both. Monitoring wells were installed and soil samples were collected for further analysis. In June 2019, contamination was found in both the soil samples and groundwater samples. Additional testing has been recommended.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently a 7-Eleven gas station.

CONCLUSIONS: Based on the site's proximity to Malabar Road, and the known soil and groundwater contamination at the property, this site has been assigned a CRR of **Medium**.



Photo taken from southwest of the site facing northeast. The 7-Eleven gas station is visible.

Table 1
Potential Contamination Site Summary

GEC Project No. 4511E

Site No:	17	Risk Potential:	MEDIUM		
Site Name	Cumberland Farms				
Site Address	105 Malabar Road / 6375 Minton Road				
Site Location	Northeast corner of Malabar Road and Minton Road Intersection				
Distance/Direction	Station: 272+85 Offset: 120' Left				
Facility ID Nos:	FLD984231456, 9045599				
Database Listings/Sources:	EDR Hist Auto RGA LUST, RCRA-VSQG, FINDS, ECHO, HMIRS, UST, City Directories				
Historical Land Use	Gas Station				
Current Land Use	Gas Station				
Contaminants	Petroleum Products and Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	U	6,000	Unleaded Gas	01/1990	3/2013
2	U	10,000	Unleaded Gas	01/1990	3/2013
1	U	20,000	Unleaded Gas	08/2017	In-Use
1	U	20,000	Vehicular Diesel	08/2017	In-Use
Discharge Date	07/1993, 02/1994	Cleanup Date:	02/1994, 04/2002, & 11/2016		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: A discharge was reported in July 1993 in response to a tanker truck spill. A second discharge was reported in February 1994. The second discharge was assigned a "no cleanup required" status. The site was issued a Site Rehabilitation Completion Order (SRCO) in April 2002. A third discharge was reported in May 2006 based on the discovery of petroleum contamination in soil samples. The third discharge was deleted and the 2002 SRCO rescinded after the 2006 discharge was determined to be a re-report of the 1993 discharge. The site was issued another SRCO in November 2016.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently a Cumberland Farms gas station.

CONCLUSIONS: Based on the site's proximity to Malabar Road and the gas station use of the property, this site has been assigned a CRR of **Medium**.



Photo taken from southwest of the property facing northeast. The Cumberland Farms gas station is visible.

Site No:	18	Risk Potential:	LOW		
Site Name	Lubrication Specialist Inc.				
Site Address	6369 Minton Road				
Site Location	Northeast Quadrant of the Malabar Road and Minton Road Intersection				
Distance/Direction	Station: 272+85 Offset: 425' Left				
Facility ID Nos:	9602011				
Database Listings/Sources:	AST, City Directories				
Historical Land Use	Auto Service Center				
Current Land Use	Auto Service Center				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
1	A	950	Waste Oil	04/1995	In-Use
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: The site is an active auto oil change facility. This site is listed in the city directories from 2000 to 2010. According to public records, the single tank has been removed and this site has no history of documented contamination impacts. A 1997 inspection form indicated that the tank is inside the building and is not a regulated tank.

INTERVIEW INFORMATION: The site is currently an Oils & Lube Service Center.

SITE OBSERVATIONS: The site is an active auto service center.

CONCLUSIONS: Based on the lack of documented contamination impacts and the distance from Malabar Road to the site, this site has been assigned a CRR of **Low**.



Photo taken from west of the property facing east. The Oil & Lube Center is visible.

**Table 1
Potential Contamination Site Summary**

GEC Project No. 4511E

Site No:	19	Risk Potential:	LOW		
Site Name	Construction Yard				
Site Address	120 Malabar Road				
Site Location	Southeast corner of the Malabar Road and Aviation Avenue NE Intersection				
Distance/Direction	50 feet south of Malabar Road				
Facility ID Nos:	N/A				
Database Listings/Sources:	Historical Aerial Photograph Review				
Historical Land Use	Construction Yard				
Current Land Use	Grassy Area, Parking Lots, and Stormwater Pond				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A	N/A	N/A	N/A	N/A	N/A
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: This site was identified through the historical aerial photograph review. This site appears in the 1972 and 1980 aerial photographs and appears to be a construction yard associated with the development of Minton Road. There appears to be tanks on site along with a fueling area in the southern half of the property. This site was removed and developed with the Palm Bay City Hall and other public offices.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently a stormwater pond directly adjacent to the Palm Bay City Hall.

CONCLUSIONS: Based on a lack of documented contamination impacts and the location of the site on the east side of the canal at Minton Road outside of the Malabar Road alignment construction area, this site has been assigned a CRR of **Low**.



Photo taken from 1980 historical aerial showing the construction yard and apparent fueling area and tanks are circled in red.

Site No:	20	Risk Potential:	LOW		
Site Name	Palm Bay City Hall				
Site Address	100 – 130 Malabar Road				
Site Location	Southeast quadrant of the Malabar Road and Aviation Avenue NE Intersection				
Distance/Direction	450 feet south of Malabar Road				
Facility ID Nos:	9811537, 9046145, 8943858				
Database Listings/Sources:	AST, FIND, ECHO, UST, SPILLS, Financial Assurance				
Historical Land Use	City Hall, Fire Station, Police Station				
Current Land Use	City Hall, Fire Station, Police Station				
Contaminants	Petroleum Products				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
2	A	275	New/Lube Oil	Unk.	04/1989
1	A	550	New/Lube Oil	Unk.	04/1989
1	A	1,000	Emerg. Gen. Diesel	2007	In-Use
1	A	2,000	Emerg. Gen. Diesel	2010	In-Use
1	U	2,000	Emerg. Gen. Diesel	1990	Unk.
Discharge Date	N/A	Cleanup Date:	N/A		
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: The public records revealed a total of six historical and existing fuel tanks on-site at the city hall, fire station, and police station. Two emergency generator fuel tanks exist, the remaining four tanks were removed. No contamination impacts are documented at the former or current tank locations. The tanks are/were located outside the 500-foot study radius.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: The site is currently the Palm Bay City Hall.

CONCLUSIONS: Based on the location of the site on the east side of the canal at Minton Road, outside of the Malabar Road construction area but inside the 500-foot study area, and a lack of documented contamination impacts on-site, this site has been assigned a CRR of **Low**.



Photo taken from northeast of the site facing southwest. The Palm Bay City Hall is visible.

Table 1
Potential Contamination Site Summary

GEC Project No. 4511E

MALABAR ROAD PD&E STUDY
Kittelson & Associates, Inc.
Financial Management No: 437210-1-28-01

Site No:	21		Risk Potential:	MEDIUM	
Site Name	Historical Citrus Groves				
Site Address	Malabar Road				
Site Location	North and south of the Malabar Road alignment				
Distance/Direction	N/A				
Facility ID Nos:	N/A				
Database Listings/Sources:	Historical Aerial Photograph Review, Quadrangle Maps				
Historical Land Use	Historical Citrus Groves				
Current Land Use	Residential, Commercial, Vacant Land Uses				
Contaminants	Hazardous Materials				
TANKS	U/A	Capacity (gal)	Content	Installed	Removed
N/A	N/A	N/A	N/A	N/A	N/A
Discharge Date	N/A		Cleanup Date:	N/A	
	Soil		Groundwater		
Documented/ Known Impacts:	NO		NO		

PUBLIC RECORDS: Historical citrus groves are visible within the study area on the historical aerial photographs and the USGS Quadrangle Maps.

Agricultural land and citrus groves typically have environmental concerns associated with them. These concerns include pesticide/herbicide storage and usage, grove heating during cooler winter months (smudge pots and other grove heating equipment), tractor and equipment maintenance and fueling, underground and aboveground fuel storage tanks, irrigation pumps and maintenance, and asbestos irrigation lines.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: During the site reconnaissance, no citrus grove locations were visible within the study area. The locations of the historical citrus groves are currently vacant land or were developed with residential and commercial properties.

CONCLUSIONS: Based on the historical citrus groves being within the footprint of several proposed stormwater ponds, this site has been assigned a CRR of **Medium**.



Photo taken from 1951 historical aerial. Historical Citrus is visible.

Table 2
Aerial Photograph Review Summary
Malabar Road PD
GEC Project No. 4511E
Page 1 of 2

Site No.	Site Name	Site Address	Year First Observed in Aerial Photographs	Comments
1	Cattle Pen	Malabar Road	1943	The cattle pen is visible from 1943 through 2004. The pen is not visible in 2009 and 2014 due to dense tree coverage. In 2020 the pen becomes visible again and a new fence appears to have been constructed on the north side.
2	Agricultural Barn	2200 Malabar Road	1943	The barn is visible from 1943 through 1980. In 1986 the barn has been dismantled and from 1994 through 2020 pieces of the barn are stacked on the property.
3	Cattle Pen	Malabar Road	1943	The cattle pen is only visible in 1943. From 1951 through 2020 the land is vacant with light to heavy vegetation coverage.
4	Biarritz DMS	1224 - 1226 Biarritz Street	2004	This site is vacant land from 1943 through 1986. From 1994 through 1999 the site is a utility easement. In 2004 the site appears to contain debris with areas of clearing and soil fill visible in 2009. The site returns to a vacant utility easement in 2014 with no significant changes through 2020.
5	Palm Bay City Public Works	1050 Malabar Road	1994	The property is used for agricultural purposes from 1943 through 1951. In 1972 the site becomes vacant land through 1986. In 1994 the site is under construction with structures visible on the northwest corner of the site and cleared land to the south. The Public Works center is visible from 1999 through 2020 with soil storage mounds also observed on the southern portion of the site from 2004 through 2020.
6	Circle K #2726513	900 Malabar Road SW	1994	The site is vacant land from 1943 through 1986. From 1994 through 2014 a gas station is visible. The gas station was replaced with a larger gas station with a different footprint in 2020.
7	Malabar Cove	3 NW Malabar Road	1943	The property is a citrus grove from 1943 through 1951, vacant land in 1972 and used for agricultural purposes in 1980. In 1986 the site is vacant land with truck storage on the northern portion adjacent to Malabar Road. The trucks are no longer visible in 1994 and the site is vacant land from 1994 through 2020.
8	O'Reilly Auto Parts	235 Malabar Road	2020	From 1943 through 1994 the property is historical citrus groves. The site is then vacant land from 1999 through 2014 with the auto parts store visible in 2020.
9	AutoZone	260 Malabar Road	1999	The property is citrus groves from 1943 through 1980 with a residential structure with associated parking lot in 1986 and 1994. The auto supply store is visible from 1999 through 2020.
10	Coastal Biosystem	270 Malabar Road SW	2004	The site is historical citrus groves from 1943 through 1986. In 1994 and 1999 the site appears to be vacant land. A large storage facility is visible from 2004 through 2020.
11	Sun Clean Dry Cleaners	190 Malabar Road #123	1994	Prior to 1994 the site was historical citrus groves and vacant land in the 1943 through 1986 aerial photographs. The shopping plaza is visible in 1994 with no significant changes through 2020.
12	Winn-Dixie Store #2230	190 Malabar Road SW	1994	Prior to 1994 the site was historical citrus groves and vacant land in the 1943 through 1986 aerial photographs. The shopping plaza is visible in 1994 with no significant changes through 2020.
13	Bennett Auto Supply	142 Malabar Road	1999	The auto supply shop is first visible in 1999. Prior to that, the site is historical citrus groves from 1943 through 1980 and vacant land from 1986 through 1994. From 1994 through 2020 no significant changes are observed.
14	Bob Youtzy Landclearing	201 Malabar Road NW	1943	The site is historical citrus groves in 1943. Multiple structures are visible on-site between 1951 and 2014. In 2020 the site appears to be vacant land with a few concrete pads on the east side of the property.
15	Spill Site	Malabar Road and Minton Road Intersection	1994	The intersection appears on Malabar Road dating back to 1951. In 1994, Minton Road extends south of Malabar Road.
16	7-Eleven Food Store #32756	6405 Minton Road	2004	Prior to 1986, the site is historical citrus groves with a single structure visible from 1986 through 1999. The gas station is first seen in 2004 and was reconstructed with a different footprint in 2009. From 2009 through 2020 no significant changes are observed.
17	Cumberland Farms	105 Malabar Road NE	1994	Prior to 1994, the site is historical citrus groves from 1943 through 1980 and vacant land in 1986. A gas station is visible from 1994 through 2009, with the station under construction in 2014 where the fuel canopy has been removed. The gas station has been reconstructed with a different footprint in 2020.
18	Lubrication Specialist Inc	6369 Minton Road NW	1999	The site is historical citrus groves from 1943 through 1980 and vacant land from 1986 through 1994. The oil change facility is visible in 1999 with no significant changes through 2020.

Table 2
Aerial Photograph Review Summary
Malabar Road PD
GEC Project No. 4511E
Page 2 of 2

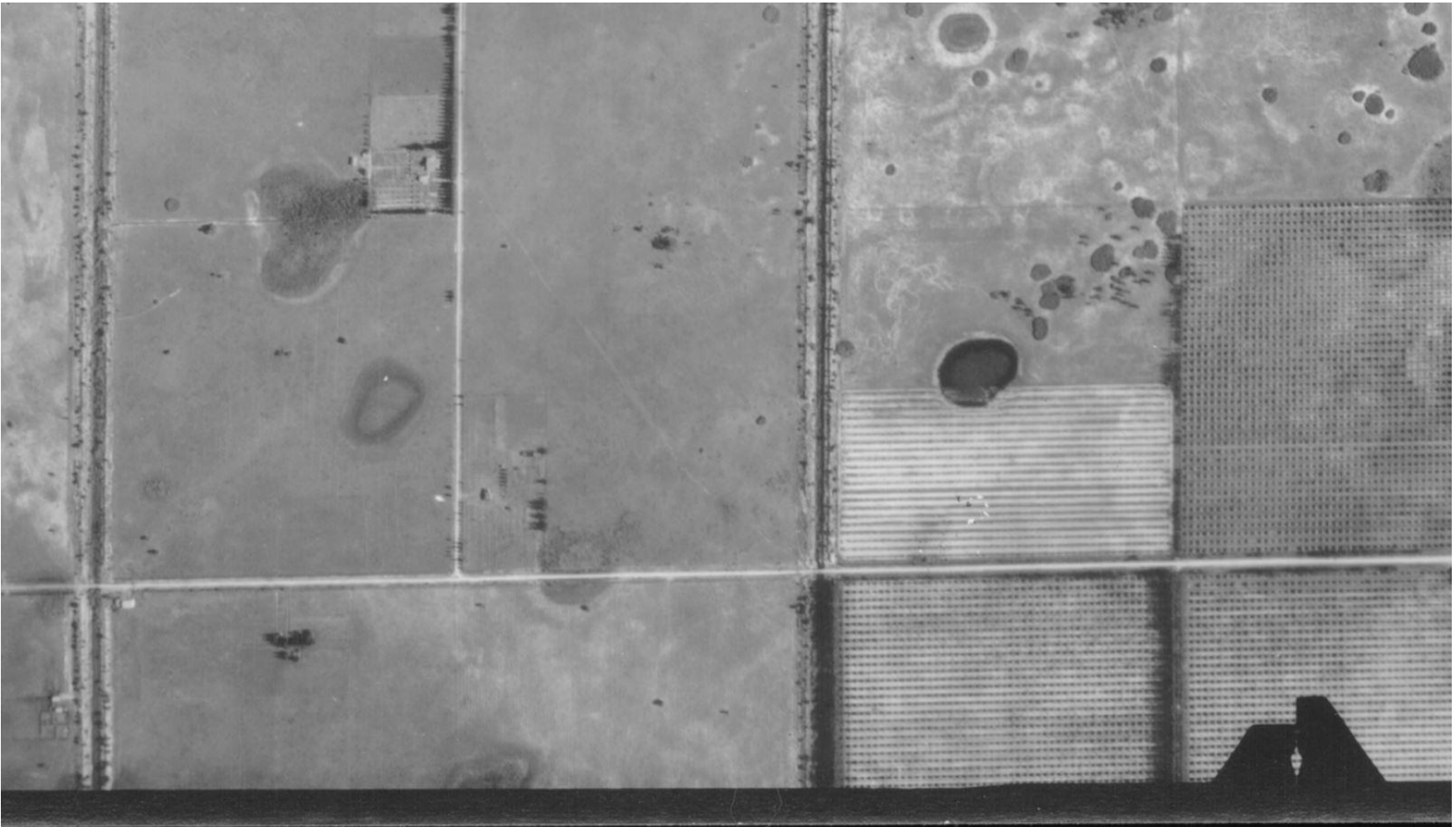
Site No.	Site Name	Site Address	Year First Observed in Aerial Photographs	Comments
19	Construction Yard	120 Malabar Road	1972	The site is vacant land from 1943 through 1972, when construction activities are visible. In 1980 a construction yard is visible with a fueling area and tanks. This construction yard appears to be for the construction of Minton Road and is visible from 1980 through 1986. The site is vacant land and a parking area in 1994 and 1999, and includes a stormwater pond from 2004 through 2020. This site is part of the Palm Bay City Hall property.
20	Palm Bay City Hall	120 Malabar Road	1994	The site is vacant land from 1943 through 1986. City Hall appears in 1994 with no significant changes through 2020.
21	Historical Citrus Groves	N/A	1943	Citrus groves are visible within the study area dating back to 1943. Beginning in 1972, citrus groves are on the decline with a significant decrease in 1994. Citrus groves are not visible from 2014 through 2020.

Table 3
EDR City Directory Image Report Summary
Malabar Road PD
GEC Project No. 4511E
Page 1 of 1

x	Site No.	Year of Polk City Directory Review					
		1995	2000	2005	2010	2014	2017
		Malabar Road					
142	13	---	Blockbuster Video	---	Blockbuster Video	Bennett Auto Supply	Bennett Auto Supply
190	11/12	Commercial Listings, Sun Clean Dry Cleaners	Commercial Listings, Sun Clean Dry Cleaners and Launderers, Winn-Dixie	Commercial Listings, Winn-Dixie	Commercial Listings, Sun Clean Dry Cleaners, Winn-Dixie	Commercial Listings, Sun Clean Dry Cleaners, Winn-Dixie	Commercial Listings, Sun Clean Dry Cleaners, Winn-Dixie
260	9	---	Autozone	Autozone	Autozone	Autozone	Autozone
270	10	---	---	Additional Storage of Palm Bay	Additional Storage of Palm Bay	Additional Storage of Palm Bay	Extra Space Storage
900	6	Jiffy Food Store	Lil Champ Food Store	Lil Champ Food Store	Kangaroo Express	Lil Champ	Kangaroo Express, Lil Champ
1050	5	Palm Bay Transportation Division	Palm Bay City of Administrative / Legislative	City of Palm Bay	Palm Bay City Fleet Dept, Palm Bay Public Works Department	---	---
Minton Road							
6369	18	---	Lubrication Specialist	---	Oil & Lube Express of Palm Bay	---	---
6372	14	---	---	Rodney L Stalvey Sod Service	---	Vizion Automotive LLC	Vizion Automotive LLC
6375	17	Huntley Jiffy Food Store, Jiffy Food Store	Lil Champ Food Store No 292	---	---	---	---

APPENDIX A

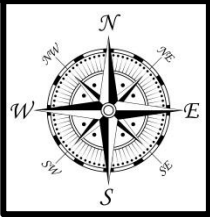
Historical Aerial Photographs

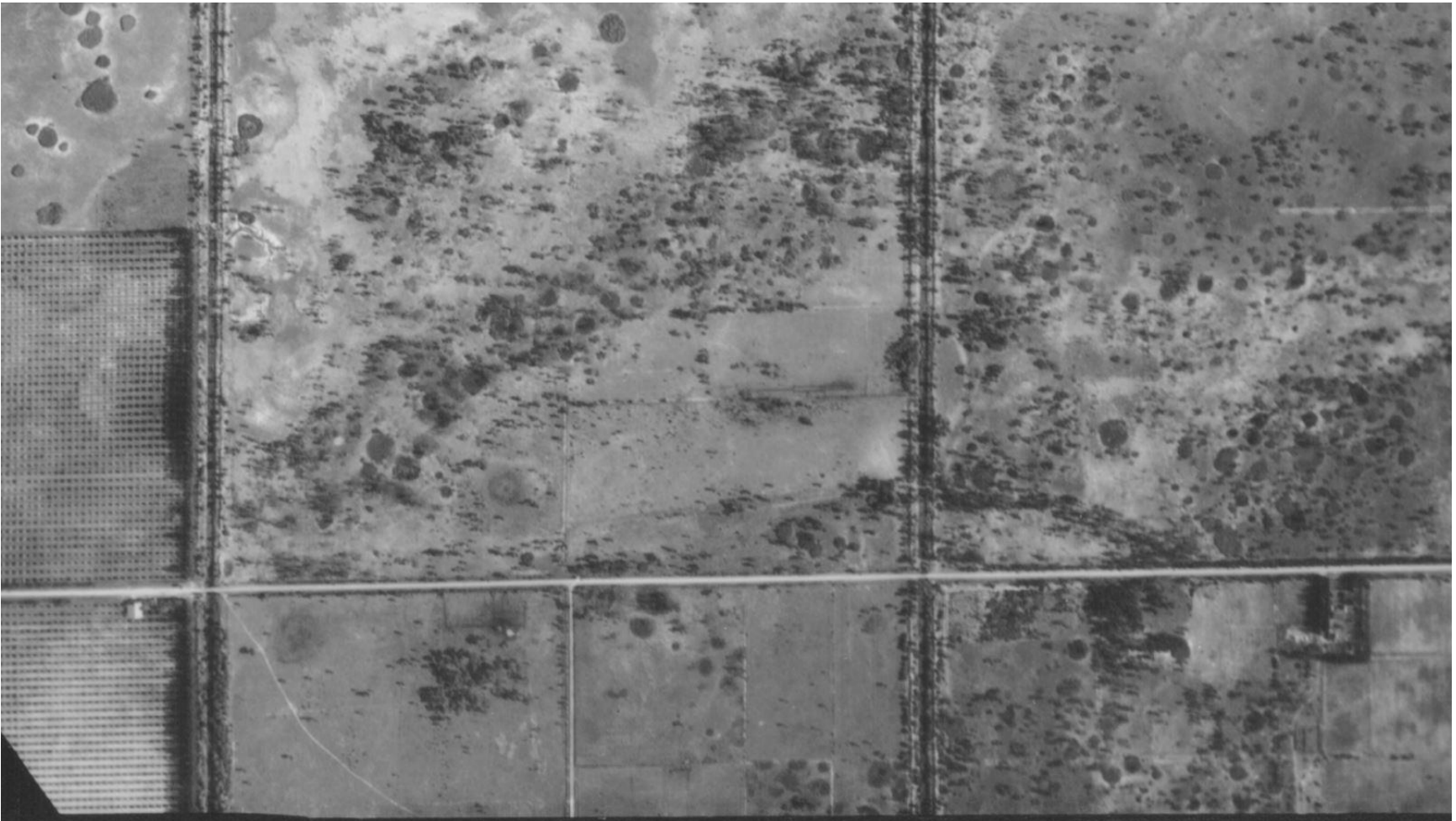


Not to Scale

1943

(1 of 5)

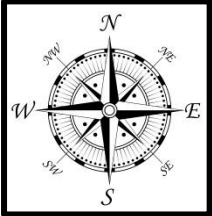


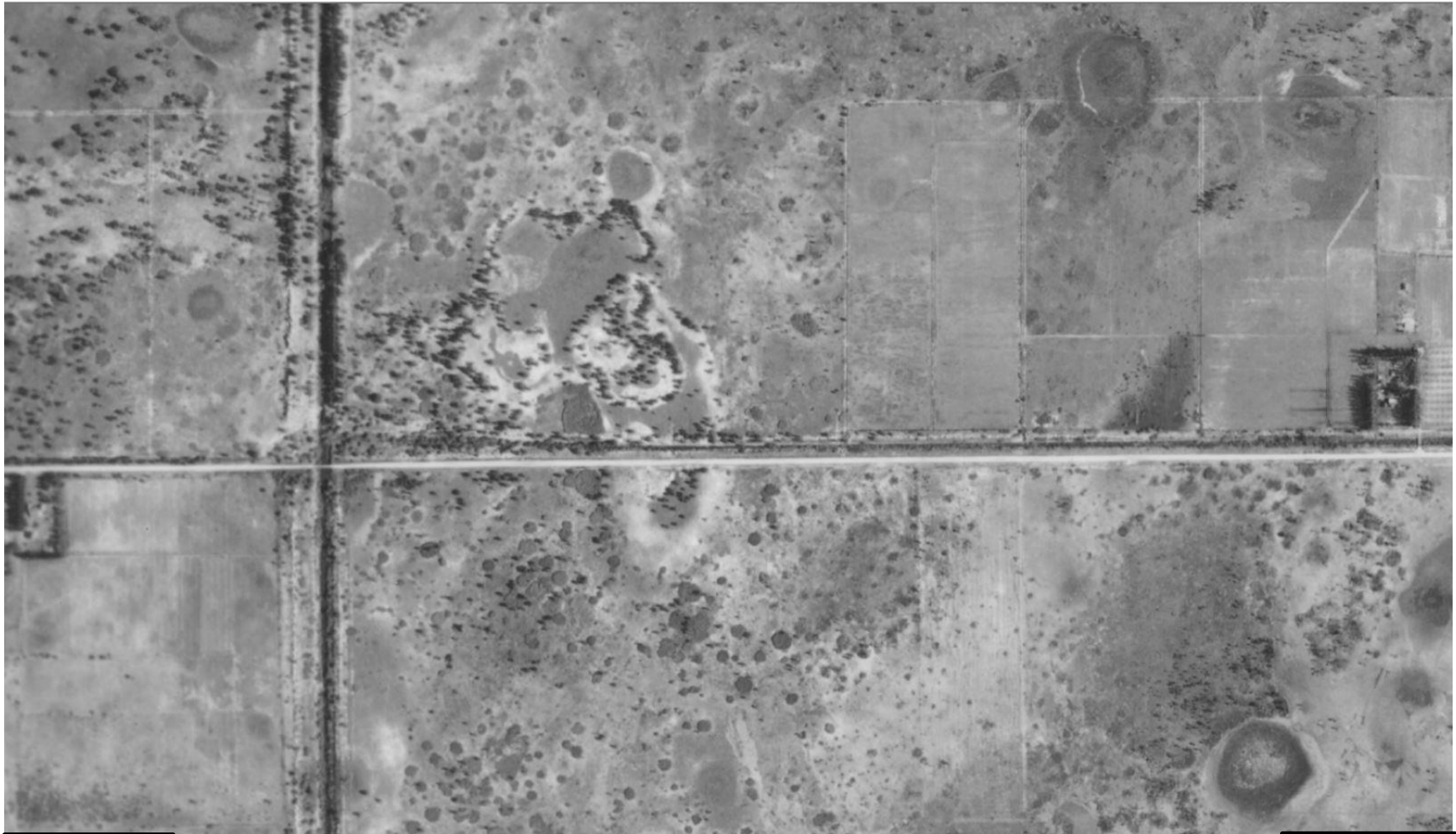


Not to Scale

1943

(2 of 5)

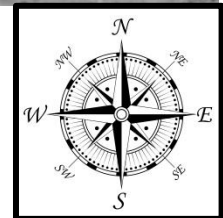




Not to Scale

1943

(3 of 5)

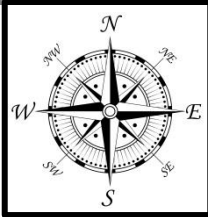




Not to Scale

1943

(4 of 5)

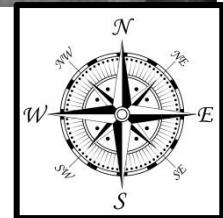




Not to Scale

1943

(5 of 5)

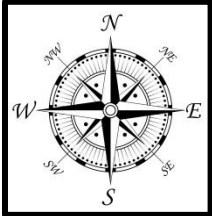




Not to Scale

1951

(1 of 5)

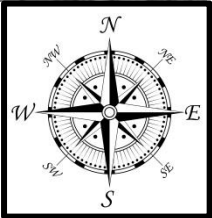




Not to Scale

1951

(2 of 5)

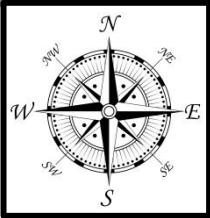




Not to Scale

1951

(3 of 5)

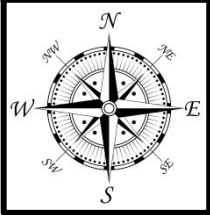




Not to Scale

1951

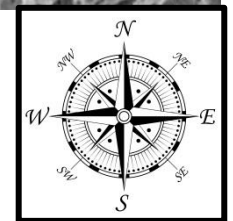
(4 of 5)





Not to Scale

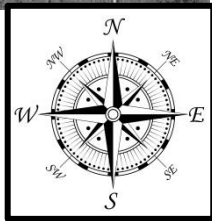
1951
(5 of 5)





Not to Scale

1972
(1 of 5)

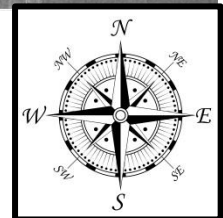




Not to Scale

1972

(2 of 5)

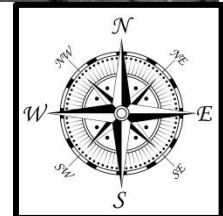




Not to Scale

1972

(3 of 5)

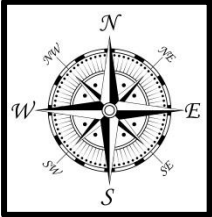




Not to Scale

1972

(4 of 5)

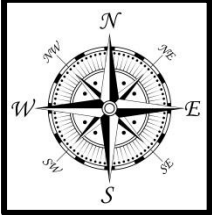




Not to Scale

1972

(5 of 5)

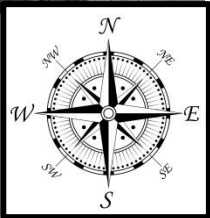




Not to Scale

1980

(1 of 5)

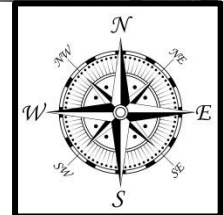




Not to Scale

1980

(2 of 5)

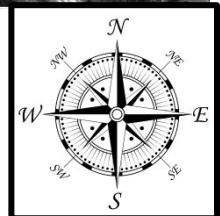




Not to Scale

1980

(3 of 5)

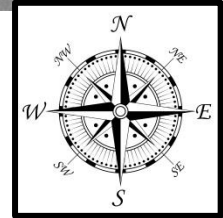




Not to Scale

1980

(4 of 5)

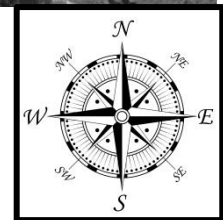




Not to Scale

1980

(5 of 5)

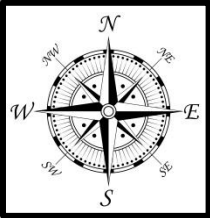




Not to Scale

1986

(1 of 5)

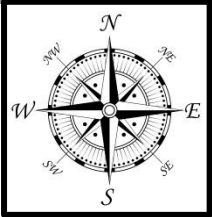




Not to Scale

1986

(2 of 5)

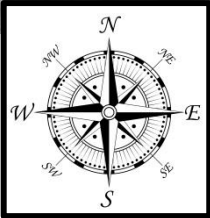




Not to Scale

1986

(3 of 5)

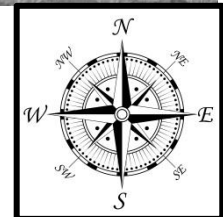




Not to Scale

1986

(4 of 5)

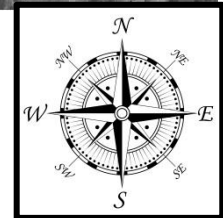




Not to Scale

1986

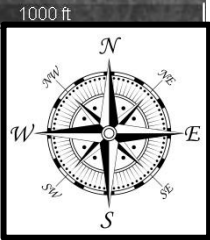
(5 of 5)





Google Earth

Not to Scale



1994
(1 of 5)



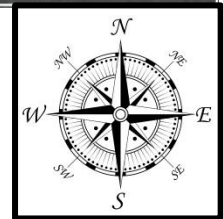
Google Earth

1000 ft

Not to Scale

1994

(2 of 5)



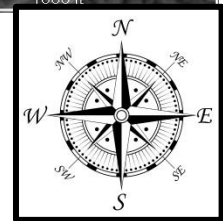


Google Earth

Not to Scale

1994

(3 of 5)



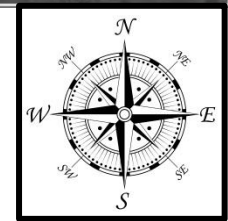


Google Earth

Not to Scale

1994

(4 of 5)





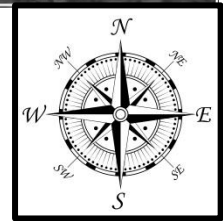
Google Earth

1000 ft

Not to Scale

1994

(5 of 5)

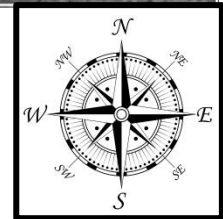




Google Earth

Not to Scale

1999
(1 of 5)



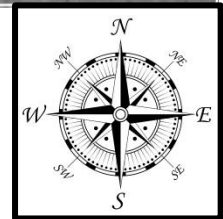


Google Earth

1000 ft

Not to Scale

1999
(2 of 5)

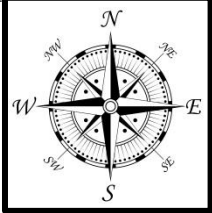




Not to Scale

1999

(3 of 5)





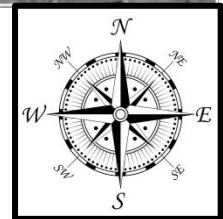
Google Earth

1000 ft

Not to Scale

1999

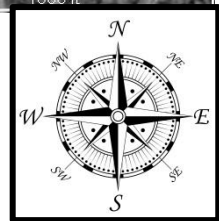
(4 of 5)





Not to Scale

1999
(5 of 5)

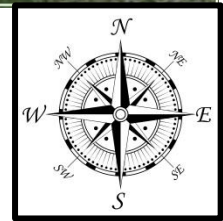




Google Earth

Not to Scale

2004
(1 of 5)



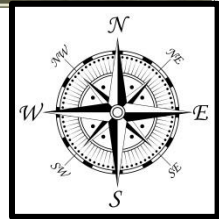


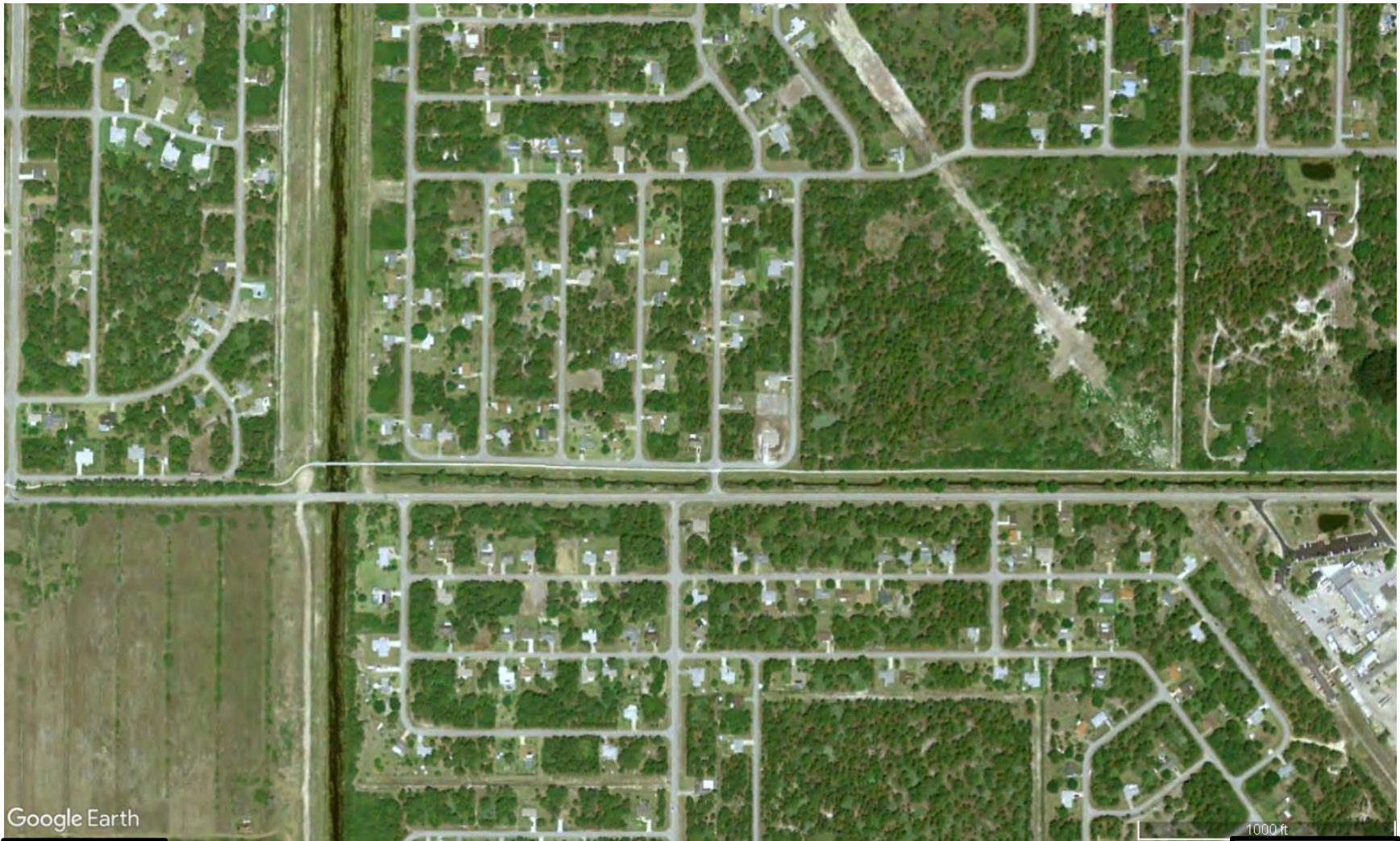
Google Earth

Not to Scale

2004

(2 of 5)

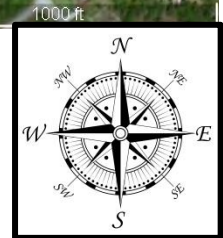


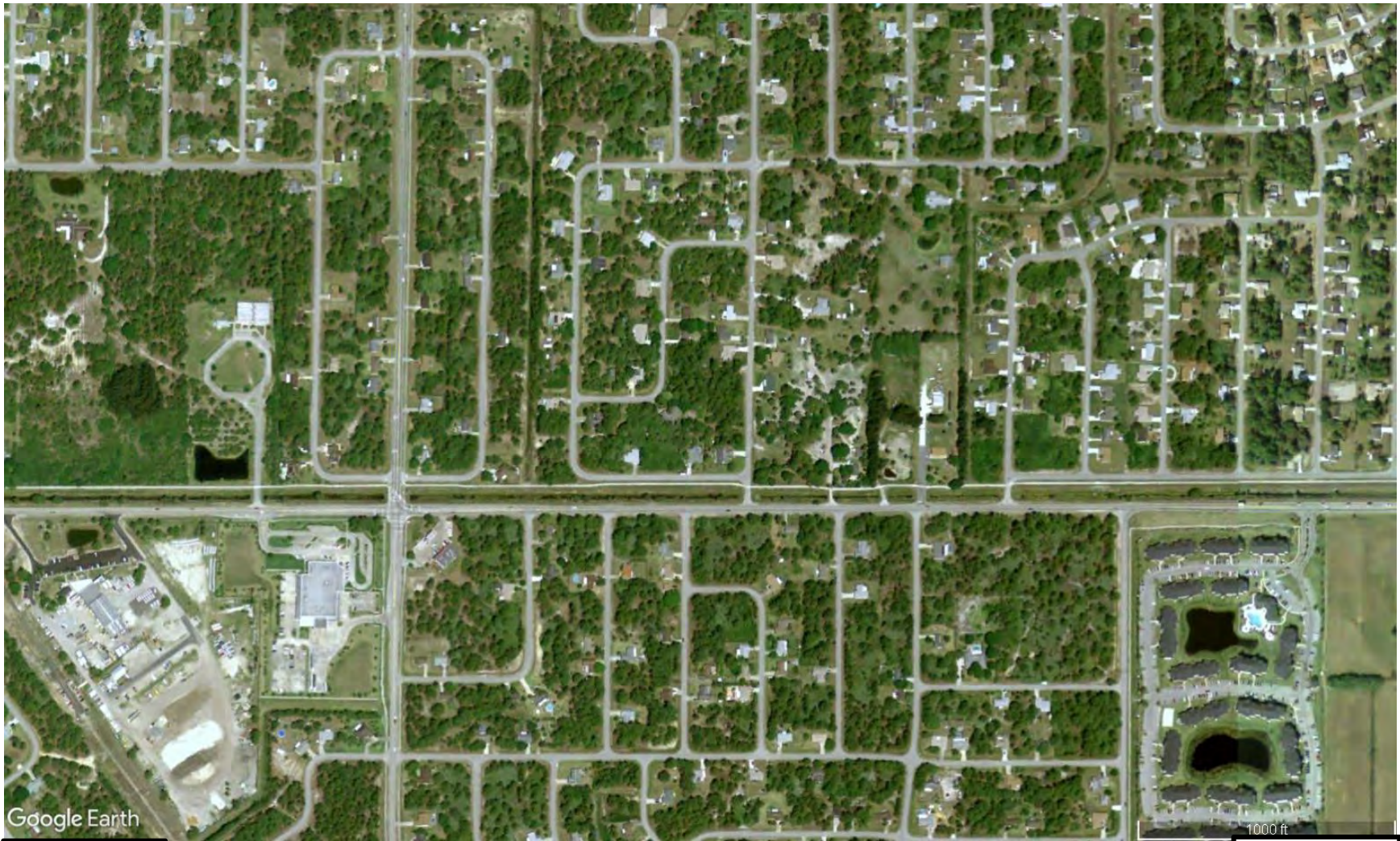


Google Earth

Not to Scale

2004
(3 of 5)





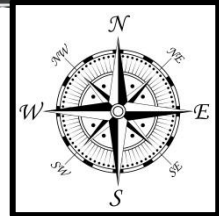
Google Earth

1000 ft

Not to Scale

2004

(4 of 5)



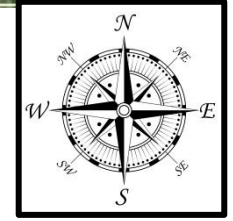


Google Earth

1000 ft

Not to Scale

2004
(5 of 5)

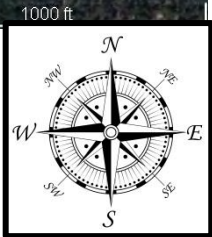


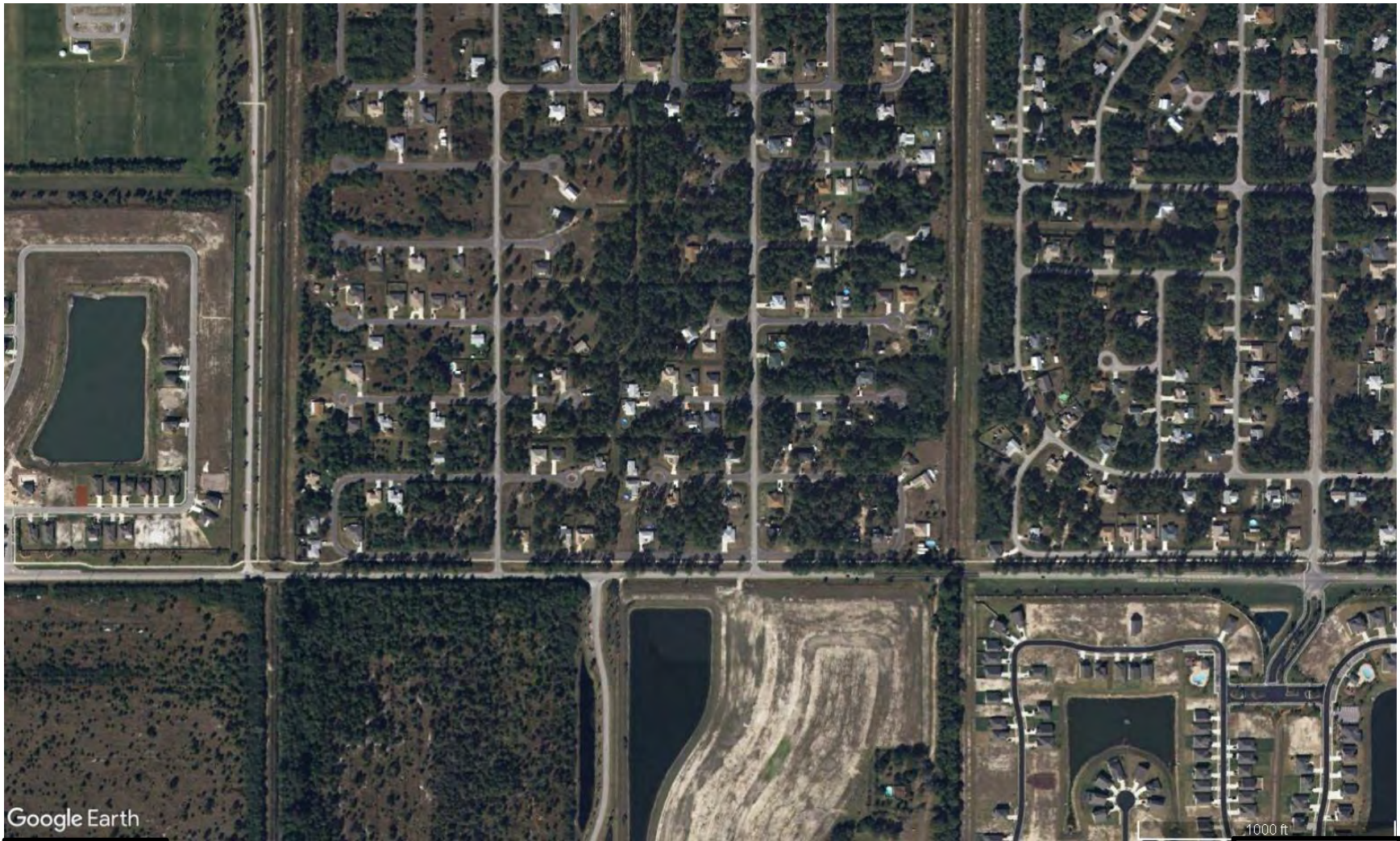


Google Earth

Not to Scale

2009
(1 of 5)



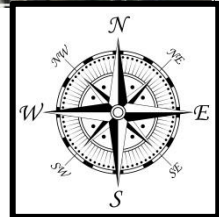


Google Earth

Not to Scale

2009

(2 of 5)

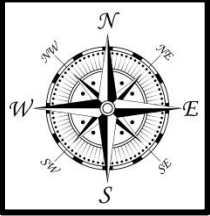




Not to Scale

2009

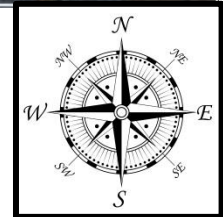
(3 of 5)





Not to Scale

2009
(4 of 5)





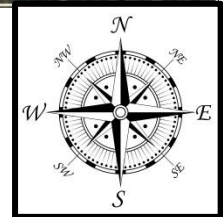
Google Earth

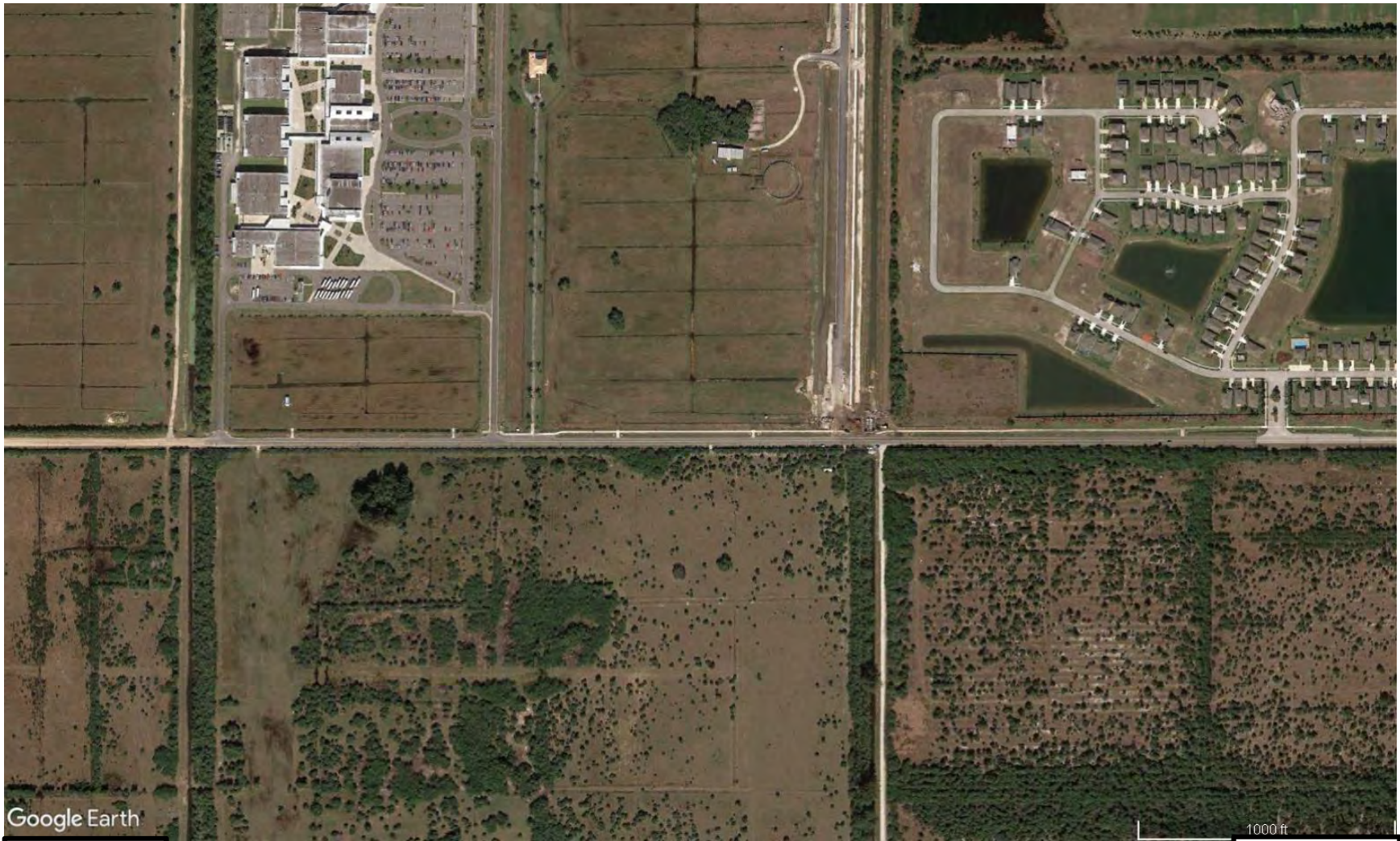
1000 ft

Not to Scale

2009

(5 of 5)

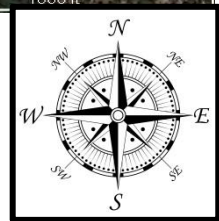


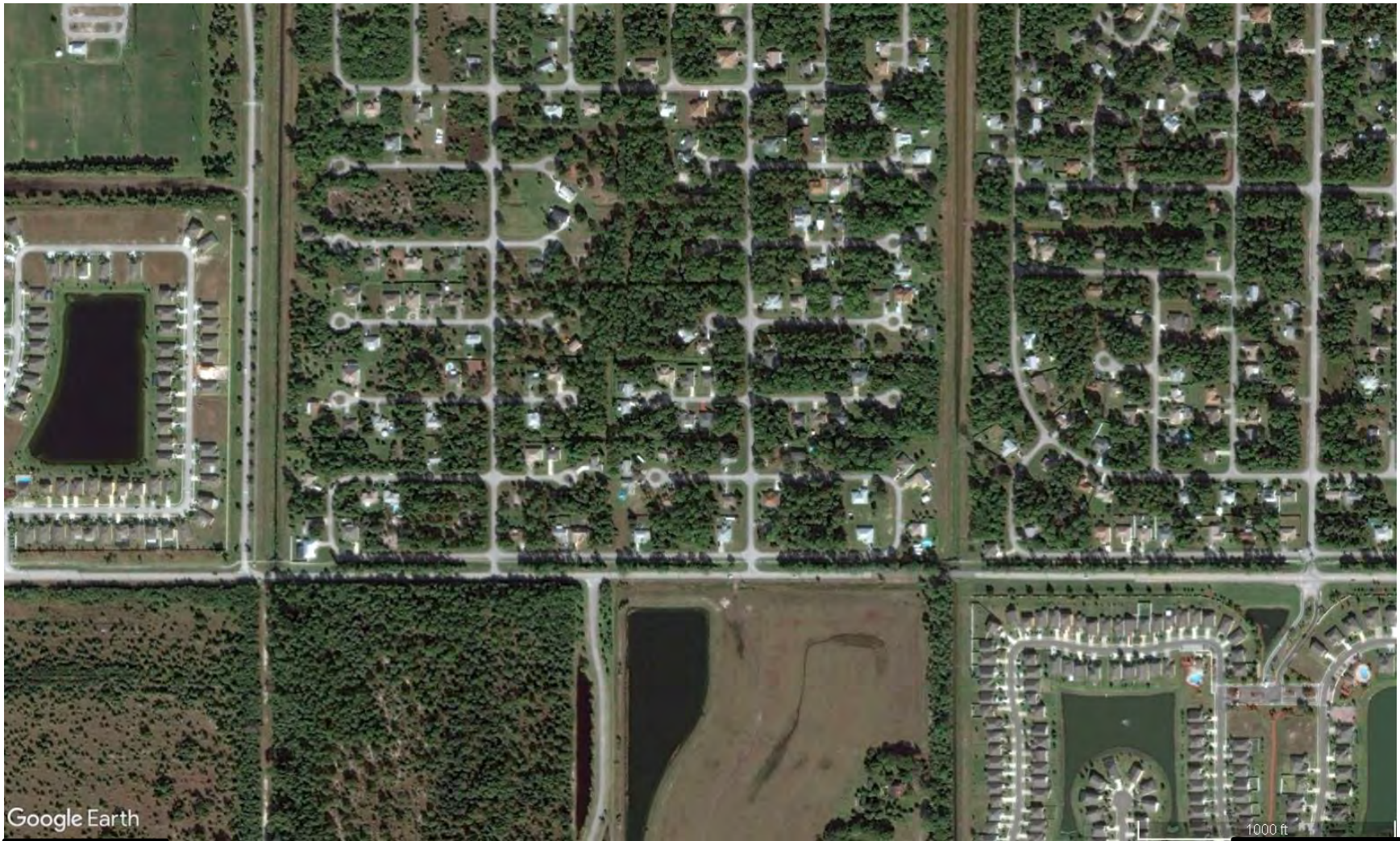


Google Earth

Not to Scale

2014
(1 of 5)

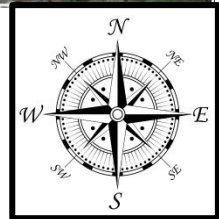




Google Earth

Not to Scale

2014
(2 of 5)

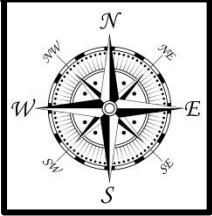




Not to Scale

2014

(3 of 5)

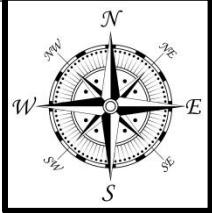




Google Earth

Not to Scale

2014
(4 of 5)





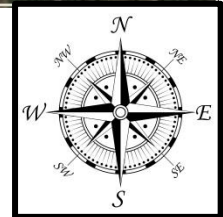
Google Earth

1000 ft

Not to Scale

2014

(5 of 5)





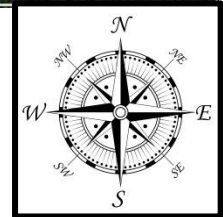
Google Earth

Not to Scale

1000 ft

2020

(1 of 5)

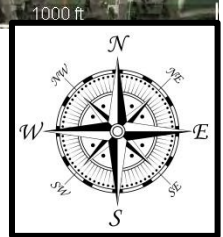


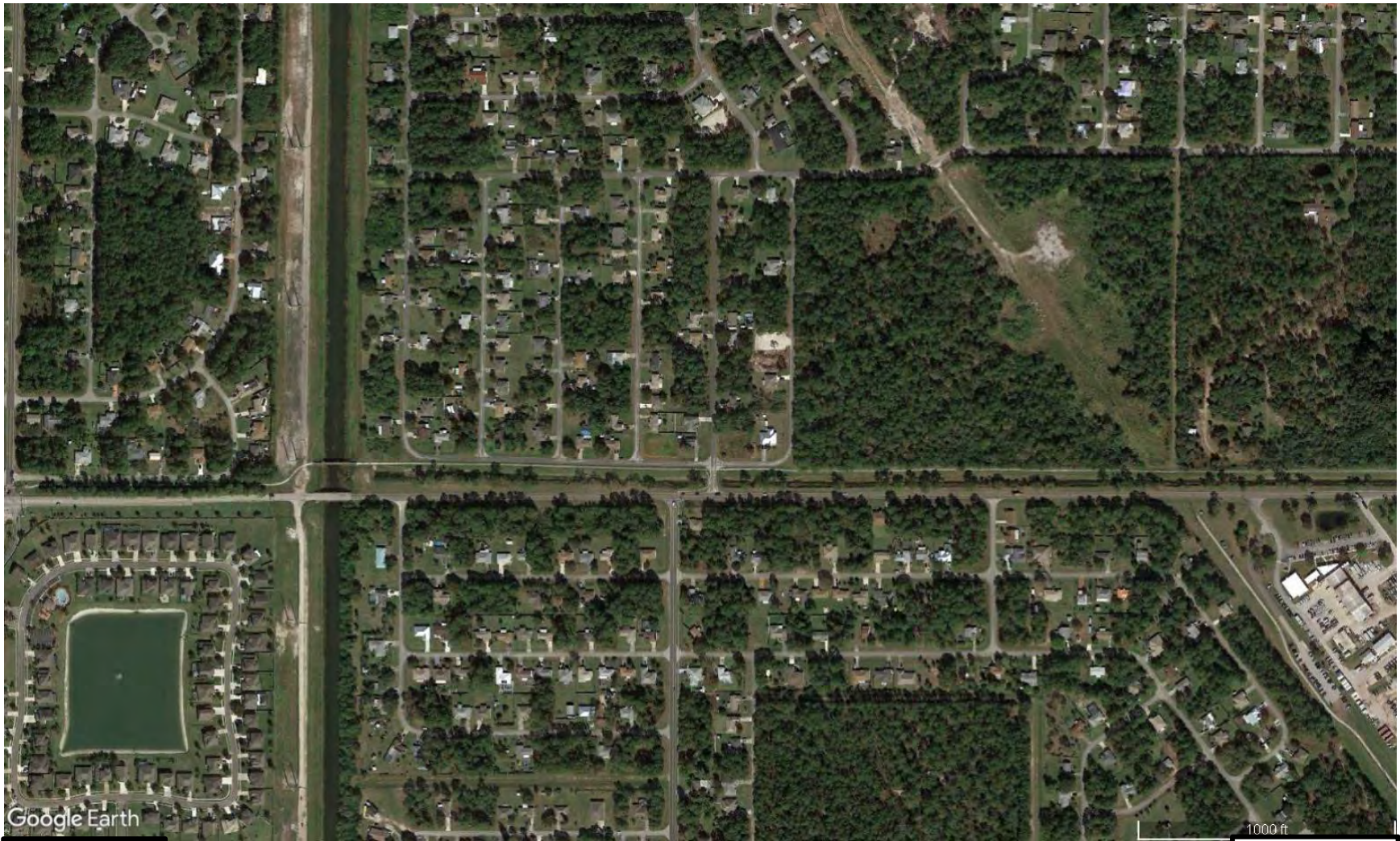


Google Earth

Not to Scale

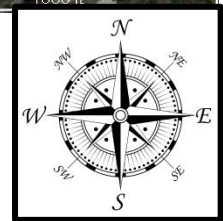
2020
(2 of 5)

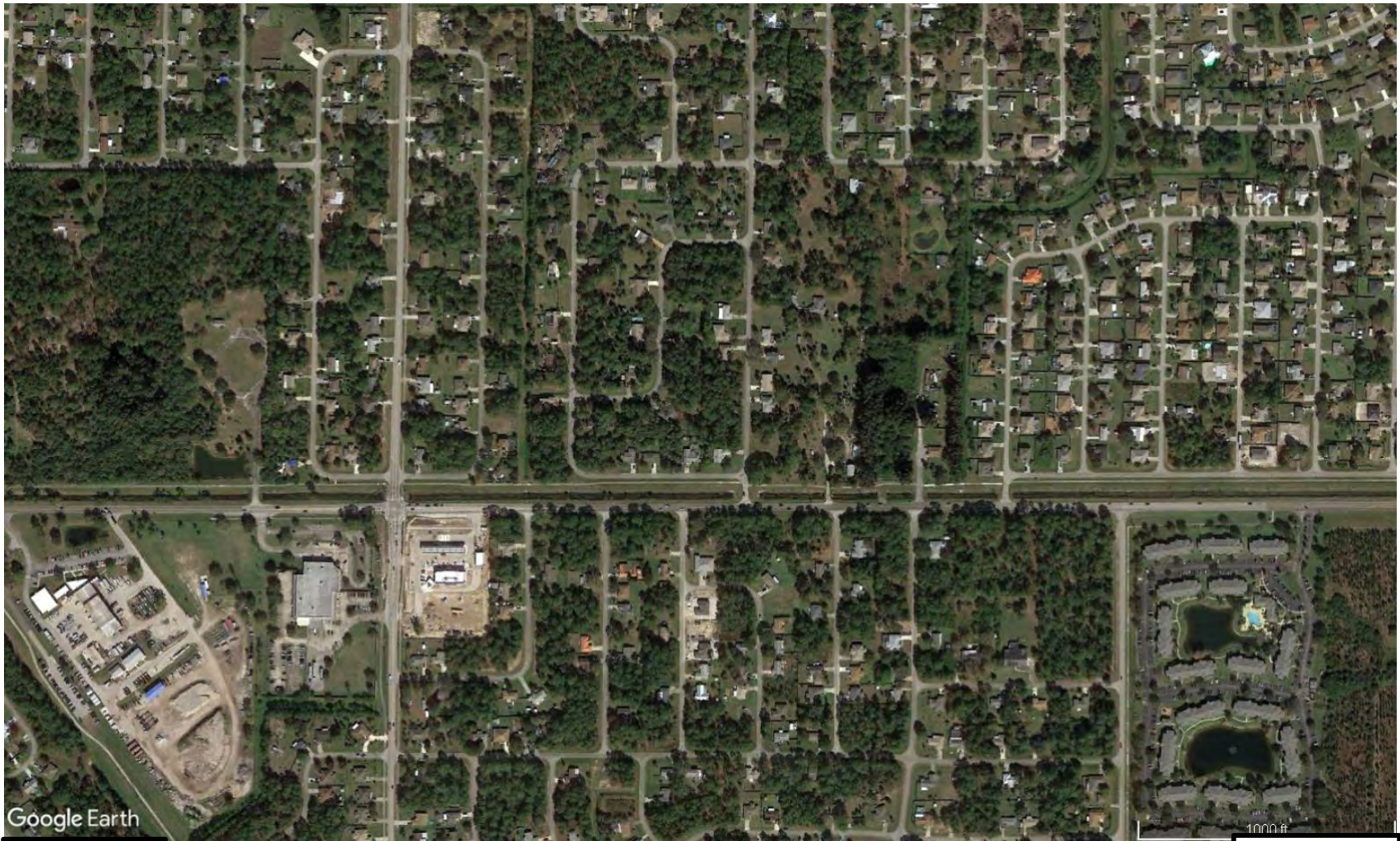




Not to Scale

2020
(3 of 5)

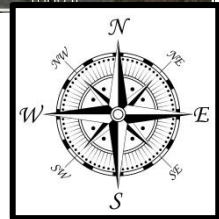




Google Earth

Not to Scale

2020
(4 of 5)

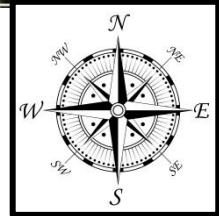




Google Earth

Not to Scale

2020
(5 of 5)



APPENDIX B

Definitions of Common Report Terms

Aboveground Storage Tank (AST) - A storage tank that is situated on the ground surface and may or may not be installed on a concrete pad with secondary spill containment.

Active Remediation (AR) - Implementation of an approved Remedial Action Plan.

Contamination - The presence of any material or chemical contained within the soil, surface water, sediment, or groundwater on or adjacent to the project corridor, that may require assessment, remediation, or special handling, or that has a potential for liability.

Contamination Risk Rating (CRR) - Site risk rating system defined in Chapter 20 of the FDOT PD&E Manual.

Engineering Control (EC) - A modification to a site to reduce or eliminate the potential for migration of, and exposure to, contaminants of concern. Examples of ECs include slurry walls, sheet pile walls, and engineered liners to prevent exposure.

Hazardous Material - Any solid, liquid, or gas that has the potential to harm people, other living organisms, property, or the environment, either by itself or through interaction with other factors. Hazardous material may be radioactive, flammable, explosive, toxic, corrosive, biohazardous, an oxidizer, an asphyxiant, a pathogen, an allergen, or may have other characteristics that render it hazardous in specific circumstances. These materials may threaten workers through occupational exposure and the general public in their homes, communities, and general environment. Exposure to these materials can occur near the site of generation, along the path of its transportation, or near their ultimate disposal sites. Hazardous materials are often subject to laws and regulations on the use and handling of such materials and may differ depending on the activity or status of the material.

Institutional Controls (IC) - A restriction on use of, or access to, a site to eliminate or minimize exposure to contaminants of concern. Examples of ICs include deed restrictions, use restrictions, or restrictive zoning.

Natural Attenuation Monitoring (NAM) - A means of conducting site rehabilitation in which natural degradation of media contaminants are monitored for extended periods of time provided that human health, public safety, and the environment are protected.

No Further Action with Conditions (CNFA) - No further assessment or remediation is required at a site provided that certain conditions are met as approved by the lead regulatory agency. Conditional No Further Actions can be granted to sites that employ ICs and/or ECs as part of the site rehabilitation strategy.

No Further Action without Conditions (NFA) - No further assessment or remediation is required at a site. No contaminants are present at the site above default or approved alternative clean-up standards.

Petroleum Products - Liquid crude oil derivatives that are derived by distillation, cracking, hydro forming and/or other petroleum refinery processes falling under the description of either "Gasoline Analytical Group," "Kerosene Analytical Group" or "Used Oil" as defined in Florida Administrative Code (FAC) 62-770.200(24), (29) and (64), respectively. These materials include, but are not limited to: leaded and unleaded gasoline, gasohol, aviation and jet fuels, diesel fuel, kerosene, new or used motor oil, hydraulic fluid, and gear oil.

Potential Hazardous Material or Petroleum Contamination Site - A potential hazardous material or petroleum contamination site is a parcel of land upon which hazardous materials or petroleum products are produced, stored, accumulated, used, or disposed of. These sites typically include existing or former gasoline stations, dry cleaners, auto repair facilities, and other businesses where hazardous substances or petroleum product are present. The presence of hazardous substances and/or petroleum products does not mean that contamination is present, but merely indicates that the potential for contamination exists if the materials are not handled or disposed of properly.

Remedial Action Plan (RAP) - A plan that details a means by which contamination may be cleaned up.

Site Assessment Report (SAR) - Summarizes all tasks that were implemented pursuant to the Contamination Assessment.

Site Rehabilitation Complete Report (SRCR) - A report that describes that cleanup goals have been met.

Site Rehabilitation Completion Order (SRCO) - An order issued by the lead regulatory agency that approves the SRCR. No further assessment or remediation activities need to be conducted at the site once an SRCO has been issued unless a new release is discovered.

Source Removal (SR) - The removal of free petroleum product or excessively contaminated soil.

Underground Storage Tank (UST) - A storage tank that has been installed below the ground surface that may or may not contain secondary containment or leak detection systems. The FDEP has compiled several database lists that are useful in identifying potential sources of hazardous material or petroleum product contamination.

APPENDIX C

Contamination Risk Rating Descriptions

The contamination potential risk rating system was developed by FOOT and is included in Part 2, Chapter 20 of the PD&E Manual, dated January 14, 2019. The rating system incorporates four levels of risk:

1. No - A review of available information on the property and a review of the conceptual or design plans indicates there is no potential contamination impact to the project. It is possible that contaminants have been handled on the property. However, findings from the Level I evaluation indicate that contamination impacts are not expected.

2. Low - A review of available information indicates that past or current activities on the property have an ongoing contamination issue; the site has a hazardous waste generator identification (ID) number, or the site stores, handles, or manufactures hazardous materials. However, based on the review of conceptual or design plans and/or findings from the Level I evaluation, it is not likely that there would be any contamination impacts to the project.

3. Medium - After a review of conceptual or design plans and findings from a Level I evaluation, a potential contamination impact to the project has been identified. If there is insufficient information (such as regulatory records or site historical documents) to make a determination as to the potential for contamination impact, and there is reasonable suspicion that contamination may exist, the property should be rated at least as a "Medium". Properties used historically as gasoline stations and which have not been evaluated or assessed by regulatory agencies, sites with abandoned in place underground petroleum storage tanks or currently operating gasoline stations should receive this rating.

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

APPENDIX D

EDR City Directory Image Report

Malabar Road

130 Malabar Road
Palm Bay, FL 32908

Inquiry Number: 6330026.3
January 14, 2021

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by

infoUSA[®]

Copyright©2008
All Rights Reserved

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1987	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1982	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1977	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1972	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1966	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1963	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1959	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1955	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

EXECUTIVE SUMMARY

Year Target Street Cross Street Source

FINDINGS

TARGET PROPERTY STREET

130 Malabar Road
Palm Bay, FL 32908

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

MALABAR RD

1987	pg A40	Polk's City Directory	
1987	pg A41	Polk's City Directory	
1982	pg A43	Polk's City Directory	
1977	-	Polk's City Directory	Street not listed in Source
1972	-	Polk's City Directory	Street not listed in Source
1966	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source
1955	-	Polk's City Directory	Street not listed in Source

MALABAR RD SW

2017	pg A2	EDR Digital Archive
2014	pg A8	EDR Digital Archive
2010	pg A15	EDR Digital Archive
2005	pg A22	EDR Digital Archive
2000	pg A33	EDR Digital Archive
1995	pg A37	EDR Digital Archive

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<u>MINTON RD</u>			
1987	pg. A42	Polk's City Directory	
1982	pg. A44	Polk's City Directory	
1977	-	Polk's City Directory	Street not listed in Source
1972	-	Polk's City Directory	Street not listed in Source
1966	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source
1955	-	Polk's City Directory	Street not listed in Source

MINTON RD NW

2017	pg. A7	EDR Digital Archive
2014	pg. A14	EDR Digital Archive
2010	pg. A21	EDR Digital Archive
2005	pg. A32	EDR Digital Archive
2000	pg. A36	EDR Digital Archive
1995	pg. A39	EDR Digital Archive

City Directory Images

MALABAR RD SW 2017

132 MCDONALDS
 142 BENNETT AUTO SUPPLY
 160 ACE HARDWARE
 CHINA MAX
 HAIR CUTTERY
 LEE NAILS
 LESLIES SWIMMING POOL SUPPLIES
 PALMBAY SHOPPING CENTER
 PLANET FITNESS PALM BAY FL
 ROSES STORE 553
 SALLY BEAUTY SUPPLY
 190 ADVANCE AMERICA CASH ADVANCE
 BREVARD EYE CENTER
 CANAL STREET HOLDING INC
 CLAYTON, MARILYN
 CLOVER INSURANCE AGENCY
 CRICKET AUTHORIZED AGENT
 DOLLAR TREE
 FLAMINGO LAUNDRY CENTER
 GAMESTOP
 GNC
 H&R BLOCK
 LITTLE CAESARS
 MALABAR TOBACCO
 MASH HOAGIES
 PAUL BEFANIS MD
 R & S SOFT WATER SERVICE
 RAFAEL TRESPALACIOS MD
 REDBOX
 REMEDY PAWN & JEWELRY
 RENTACENTER
 SARPOOLAKI ANDY INS
 SARPOOLAKI, ANDY
 SUN CLEAN DRY CLEANERS
 WALMART
 WINN DIXIE
 260 AUTOZONE
 270 BOX & SHIP
 EXTRA SPACE STORAGE
 350 INSPIRED LIVING AT PALM BAY
 INSPIREDLIVING ROOM
 380 INSPIREDLIVING UNIT
 470 PT PROFESSIONALS
 500 LEE, CHARLES J
 MADALYN LANDING
 504 ALCENOR, MARIE
 ALI, SHIROON
 COLON, ARACELIS
 FALVO, ANN M
 NGUYEN, REBECCA L

MALABAR RD SW 2017 (Cont'd)

504	PORTER, APRIL D REYNOLDS, JENNIFER L ROOKE, GREGORY SAINVIL, NADEGE
510	BARROW, ARIEL T BRUNO, DENA CRUMBLISS, DALLAS E DESSEIN, NATAHNIE M GORDON, ARDELL LAMPEL, BRIAN RODRIGUEZ, GEORGE D SMITH, JOANN A WHYNE, YANIQUE S
514	ALEXANDER, CHRISTOPHER BROWNE, GLENFIELD R LANDA, FERNANDO J LARSEN, BENJAMIN LUGO, GERARDO A MALDONADO, SOPHIA RAYMAND, KEITH RIVERA, DONALD RODRIGUEZ, IRENIS SEDA, HILDA M SMITH, DONALD C WHITE, STEVEN P ZAMORA, RICKY L
520	BENJAMIN, JEFFREY R BLACKWOOD, SIMONE DRULARD, CHRISTOPHER DRULARD, DANIELLE LUMPKIN, SHIRLEY D MACK, DEBORAH A PACK, DIANE ROBERTS, MARISSA D SERGOT, WALTER W SORRENTINO, ANTHONY F TAYLOR, TAMISHA
524	ALBARADO, ASHLEY BURNEY, DAVID CARR, JANICE M CASIANO, ANN L CHARLES, LEONELLE L CHAVEZ, AARON M ESKEW, RONDA K FONSECA, MICHAEL FRISBEE, BEVERLY C LAMB, SHERRY L LOPEZ, GLORY ROMAN, RAMON S TANNER, JOSHUA

MALABAR RD SW 2017 (Cont'd)

530	ALEXANDER, SHARON M CLARK, BRIANA S FONTI, MARY L HODGES, JACQUELINE D KILGORE, RACHEL MCCANN, PHILLIP J SZOPINSKI MART WILLIAMS, GAIUS YONTZ, JENNIFER A
540	BATCHELOR, WENDY J BELL, ANDREAS E BROWN, LORAIN D CHAPARRO, BEATRIZ HARDWICK, BEVERLY HUYS, PAULA L ROBERTS, DENZEL ROBERTS, SONYA SMITH, JOHN SOTO, MADALYN STEWART, STEPHANIE STUGART, CHELSEA E THOMAS, DANIELLE D
544	BARNETT, JACQUELINE A BARNETT, JOSLYN BENNETT, MICHAL CAMPBELL, EDSON A CINEDY, JOSEPH CORREA, JANICE DJYNIA, JOSEPH HART, IAN LAVENDER, ANDIE NICODEMUS, KEITH A RIVERA, IVETTE SAUTER, MARK V STOJANOVICH, DEBRA WILBUR, WILLIAM E WILLIAMS, KENNETH L WOODRUFF, INDICA A ZAYAS, DARLENE
550	AUILAN, YAJAIRA AVILES, JOHN CARRION, CARMEN M CASTELLON, MARTHA R CHARITE, PATRICK FALKENBERG, TIMOTHY JONES, TORICO MORENO, MICHAEL SEGARRA, AXEL STONE, LABIAUX
554	ALMETER, ADA

MALABAR RD SW 2017 (Cont'd)

554 ARCANO, DANIELLE M
 CROCKETT, DAVID A
 FREGEAU, JESSAMYN R
 GITELMAN, ILONA
 JENKINS, JOVIAN T
 LESSARD, RICHARD C
 PEARSON, AMY L
 POLLARD, FREDRINA L
 ROMAN, JOHN
 STJUSTE, VOLTAIRE S

560 CARTER, JAMAAL R
 DILONE, ANA A
 GRAHAM, ROBIN R
 HALEY, JOHN F
 HERRERA, ANA
 LAFLEUR, MICHAEL J
 OLIVO, ABIGAIL T
 ROBERTS, ROBERT D
 ROSE, STEVEN E
 SILVA, DAVID M
 THOMAS, ESTELITA

564 BOISROND, JOSMINAH
 CAPELES, AUREA
 DALLING, EDNA
 FRIETSCH, MICHAEL D
 KING, BUDDIE J
 MAZILE, GUERLINE
 MILES, KAYLA
 MITHCHELL, CORNETHA
 PEREIRA, ANDREA
 RAMOS, SONJA S
 ROSE, LISA
 ROSE, LISA M
 SUAREZ, JULIE
 WEISS, KRISTOF A
 WHISONANT, DEBORAH M

570 AUSTIN, TASHIE
 BRITO, RAFAEL
 COFFIE, BRANDON L
 DAVIS, RICKEY
 GONZALEZ, MARIA
 JONES, KENDRA
 PAGE, REBECCA
 PEACHER, DONALD G
 SHUBERT, ASHLEY D
 STEPHENS, KATHRYN M
 STOOKE, MICHAEL J
 THISTLE, LAURA D
 THORNTON, SHIRLEY A
 WAUGH, ADAM J

MALABAR RD SW 2017 (Cont'd)

574	BAKER, EVELYN D BRYANT, T CLARKE, SHARON CORNELL, SCOT FLYNN, JC NOLAND, CARRIE STEWART, BRENDA WALKER, CHEVENE
580	CLARK, ROBERT A ORTIZ, ALEXISO SANTIAGO, FRANCISCO J WATERS, LARONDA M
584	ADORNO, LUIS BIGGS, TRACY BRYANT, KATHY D BUCHANAN, COLIN ELLIS, ADAM HARRIS, VONDA HAYDOCK, MELANIE HAYES, KATHYLEEN D INGRAM, ATON LATULIPE, DAVID LAWRENCE, AKEEM RICE, JOSEPH E
590	BROWN, TARRADO CARABALLO, LIDEYSA GONZALES, FELIX J KING, DENNIS A LUCES, ANDREA MORGAN, EBONY S TORRES, NADINE WELCH, ALEXANDRA M
594	ALLEN, ALITA BOSTON, CECELIA BRINGAS, LUIS R BRINGASPABON, JENSEN LASHWAY, KEVIN J RAY, BONNIE L TERRIBLE, GERALDA WATSON, MARY WHITEHEAD, ROBERT
598	BENNETT, RYAN N CHARLES, EMMANUEL B COHEN, SCOTT CURTIS, TRINIECE SMITH, SOPHIA A
900	KANGAROO EXPRESS LIL CHAMP
1136	TAIT, BRYAN E
1298	SAX, ANTHONY E

MINTON RD NW 2017

5000 PIT STOP OIL CHANGE
REDBOX

5030 CHICKFILA
COMBAT TERMITE SPECIALIST
FIRST FINANCIAL EMPLOYEE LEASING
JOE RALEY
STATE FARM INSURANCE

5070 CROSS ROADS
FLORIDA DERMATOLOGY
FLORIDA DERMATOLOGY ASSOCIATES
MATH DOCTOR
R A MORENO MD

5108 DOMINOS PIZZA
GLOBAL EXPRESS
KIMS UNISEX BEAUTY SALON
RYANS ALTERATIONS
SAMS DISCOUNT MINTON

5116 MINTON ANIMAL HOSPITAL

5124 HURRICANE CAR WASH

5132 NEW IMAGE DENTISTRY

5156 DOUBLE R DISCOUNT

5164 MINTON ROAD SERVICE CENTER

5172 GRAND PRIX MOTORS
JOHN STEVENS MOTORS INC

5188 SERVICE ELECTRIC INC

5200 NICOLE COTE SCHOOL OF DANCE INC

5600 UNITED STATES GOVERNMENT

6010 MCDONALD, BENJAMIN J

6070 YARMAN, GARY E

6100 ATLANTIS DIAGNOSTICS
DR SANDRA DAVIS DOCTOR OF MEDICINE
MELBOURNE MEDICAL LABS
MUDANAL SABAPATHY MD
ODETTE DALEY DR MD
OMNI HEALTHCARE
OMNI HEALTHCARE INTERNAL MEDICINE
OMNI HEALTHCARE PEDIATRICS
STATE OF FLORIDA

6120 STORAWAY SELF STORAGE OF PALM BAY LL

6152 RICHMOND, RITA

6162 PINEAPPLE COVE CLASSICAL CHARTER SCH

6372 SOLUTIO, N
VIZION AUTOMOTIVE LLC

MALABAR RD SW 2014

122	PNC BANK
132	MCDONALDS
142	BENNETT AUTO SUPPLY
160	CHINA MAX
	HAIR CUTTERY
	KMART
	LEE NAILS
	LESLIES SWIMMING POOL SUPPLIES
	MICHELANGELOS RESTAURANT
	PALM BAY DOLLAR MOVIES
	PALM BAY WEST ACE HARDWARE
	PALMBAY SHOPPING CENTER
	PLANET FITNESS
	RADIOSHACK
	RATNER STORE 1904
	SALLY BEAUTY SUPPLY
190	ADVANCE AMERICA CASH ADVANCE
	ALLSTATE
	BEFANIS PAUL MD
	BREVARD EYE CENTER
	CANAL STREET HOLDING INC
	CLASS BARBERSHOP 1ST
	CLOVER INSURANCE AGENCY
	DOLLAR TREE
	FLAMINGO LAUNDRY CENTER
	H&R BLOCK
	LITTLE CAESARS
	LITTLE CAESARS PIZZA
	MALABAR TOBACCO
	MASH HOAGIES
	MWLS LLC DBA GNC 6959
	R & S SOFTWATER
	REMEDY PAWN & JEWELRY
	RENTACENTER
	ROLAND SHOFF ALLSTATE INSURANCE AG
	SARPOOLAKI ANDY INS
	SARPOOLAKI, ANDY
	SUN CLN DRY CLNR
	TRESPALACIOS RAFAEL MD
	WINN DIXIE
	WINN, DIXIE
	WIRELESS AMERICA
260	AUTOZONE
270	ADDITIONAL STORAGE OF PALM BAY
	BOX & SHIP
380	BURKE, BILL
500	MADALYN LANDING
504	ALI, SHIROON
	BAEZ, JOSEFINA
	DOMINGUEZ, JULIO

MALABAR RD SW 2014 (Cont'd)

504 FALVO, ANN M
 MAFLEY, PAULA C
 MILLER, CLARENCE
 MORENO, CARLOS L
 ROOKE, GREGORY J
 VIGGIANO, JOAN C
 ZITZ, MICHAEL P

510 BUNCE, KYLE
 CONNELLY, LAURA A
 ESTRADA, ALFREDO C
 FIGUEROA, DALISA
 FREDERICK, CATHERINE M
 GARCIA, CASALY
 MALDONADO, VALERIE R
 SIMMONS, MIASHA J
 SOUCY, ESTELLE L
 VELOCE, BARBARA A
 WALKS, JOHN A
 WEATHER, LEOLA

514 BROWNE, GLENFIELD R
 DIAZ, CELIA T
 DIAZ, LIZ
 LOPEZ, JOSE R
 MOORE, TYSHAN
 NAVARRO, DIONISIO
 PENDER, TYRON
 PINKELTON, DAVALL
 REVERON, MARIFE
 SANTIAGO, JOSUE
 SEDA, HILDA M

520 CAMPBELL, SANDRA L
 DEFORTUNA, DYANNA
 DRULARD, DANIELLE
 HALL, CARLTON
 LUMPKIN, SHIRLEY D
 PACK, DIANE
 POLLARD, ANDREA N
 RAMIREZ, FRANCISCO
 REYNOLDS, ASHLEY
 RODRIGUEZ, JAMES R
 SCOTT, LAQUANTA
 SERGOT, WALTER W
 SIERRA, YURI G

524 CARR, JANICE M
 CASIANO, SYLVIA
 CLARK, ENOCH
 CRAWFORD, YVONNE
 DAVENPORT, CHARITY E
 DIFRANCO, NANCY
 ESKEW, RONDA K

MALABAR RD SW 2014 (Cont'd)

524 JEANMARY, AREMISE
MACHADO, HANNAH
TATE, NIKISHA
TORRES, ZAMALIER
WHITT, SANDRA K
WILLIAMS, CHRISTOPHER J

530 AKYEAW, YAW O
CLARK, ANJANET B
EDWARDS, JENNIFER D
JORDAN, EQUILLA D
KILLEN, ROBERT P
MARTINEZ, FRANCISA C
OGLETREE, JOE
ROLLINS, APRIL D
THOMAS, ISHAYE

540 ALVARADO, DEBBIE
BATCHELOR, WENDY J
BONOMO, DANIELLE
BURGHARDT, WILLIAM R
HOWARD, LAWANDA
MCKITRICK, DOLORES Y
MORALES, ZAIDA
PROBST, KYLOE
ROBERTS, SONYA
SHORTER, LASHAY N
SIMONETTE, IZAIYAH
STRINGER, WILLA J
STUGART, CHELSEA E
WHITTLE, STEPHEN T

544 CHERBONY, CLEMENTE
DESLAURIERS, REBECCA
FORRESTER, HEATHER
HANNA, CYNTHIA
HUGGER, ROBERT L
LAVENDER, ANDIE
MITCHELL, MICHAEL A
SAUTER, MARK V

550 ALEMAN, MIGNA
AVILES, JOHN
CARRION, CARMEN
CHANDLER, MALEKIA M
DELOACH, STEPHANIE
GARRISS, BLAKE
KARCZ, JOE S
OSORIO, ESTEBAN
STANLEY, FREDRICK
VANELLA, ANGELA

554 ALIFF, TINA L
ALMETER, ADA
ARCANO, DANIELLE M

MALABAR RD SW 2014 (Cont'd)

554	BENJAMIN, KELLI COVEL, AMBER KELLY, MICHAEL P POLLARD, FREDRINA L POOL, SHAWN RECTOR, A C ROMAN, JOAQUIN STEPHENSON, ERIC B STJUSTE, VOLTAIRE S WATSON, ROBERT S
560	BRADVAREVIC, MICHAEL S BROCKMEYER, SHANNON A CELESTINE, JOSHUA FROMETA, CARMEN D HERRERA, ANA MENDEZ, FELIPE MURPHY, CARRIE L ROSA, ANA SILVA, DAVID M SOLANO, WILLIAM A THOMAS, RUBI R WHITE, LOWELL
562	MADALYN, LANDING
564	FACCONE, MIKE J GALBRAITH, MELISSA D GALLO, MARIA D GORKIEWICZ, JERM J JOHNSON, DENNIS W JOSEPH, MARIE R LABIDAU, KATILYN MARTE, BENJAMIN NEWSOM, E L ORTIZ, CONSTANCE Y RIZERA, AMALIA SANTIAGO, JOSE M WHISONANT, DEBORAH M
570	ANTINORE, BRETTEN V BUXTON, RHEANNA D PARKINSON, KACEY SHEFFIELD, CATHY SMITH, MARGARET J SMITH, SAMANTHA STEPHENS, KATHRYN M STOOKE, MICHAEL J VELEZ, DAMARIS ZEIGLER, ISIAH Z
574	CLARKE, SHARON EDWARDS, PERRY HERNANDEZ, CECILIA JOSEPH, CINEDY

MALABAR RD SW 2014 (Cont'd)

574 KARDINSKY, JOSEPH A
 KEARNS, ADAMS
 MARCELUS, FLORENCIA
 MCCAY, DONNA G
 NETTLES, LISA
 ULYSSE, MARIE
 WILSON, ROTOSHA N

580 HOFMANN, DANIEL K
 JAMES, EDRIANA
 MILLS, DUSTY L
 MINER, DONNA G
 NEELY, CHRISTOPHER D
 ORTIZ, ALEXISO
 PLEZ, SYRETHA S
 TAYLOR, BRANDY
 THIRUKKONDA, RAJENDRAKUMAR
 WILLIAMS, VENUS L

584 BRYANT, KATHLEEN D
 CAMPBELL, CLARENCE A
 CHAMBLISS, LORIE J
 CHARLES, DJENA
 GEORGES, MINA B
 HAYES, KATHYLEEN D
 HORNSBY, SHALINA
 NASON, CORY J
 RAGUCCI, LORI
 VALDIVIA, APRIL M

588 PATTEN, SCOTT

590 ARAUD, NANCY
 CARABALLO, LIDEYSA
 HINES, SEAN
 KRYSTAL, MACIAG
 LUCES, ANDREA
 MORGAN, EBONY S
 ORTIZ, MARLENE
 STEWART, BRENDA
 SZOPINSKI, MAYNARD

594 ALLEN, ALITA
 BIENAILE, IMMACULA
 CHANDLER, NICOLE
 CLAYTON, TIFFANY N
 CUNNING, JEAN
 DAVIS, LEEHA A
 HOYTE, DONALD
 LOUBRIEL, ELIZABETH
 MERCADO, JACKSON
 RAY, BONNIE L
 ROBERTS, DESIREA
 TIMMONS, MICHAEL V
 VARONA, MERRY K

MALABAR RD SW 2014 (Cont'd)

598 GORDON, JACQUELINE D
INGRAM, KRISTIE
MCGOWAN, PATRICK T
PATEL, BABU
VELEZ, MARIA
750 OCCUPANT UNKNOWN,
900 LIL CHAMP
1136 TAIT, BRYAN E
1226 OCCUPANT UNKNOWN,
1298 DUNN, LUZ M
1650 PLATT, HAROLD C

MINTON RD NW 2014

5020 THE CAR CONNECT ION WEST
5030 CHICKFILA
COMBAT TERMITE SPECIALIST
FIRST FINANCIAL EMPLOYEE LEASING
JOE RALEY STATE FARM INSURANCE AGE
RALEY JOE
RALEY JOE STATE FARM AGENCY
STATE FARM INSURANCE
5050 MINTON SHELL
5070 CROSS ROADS
FLORIDA DERMATOLOGY ASSOCIATES
JOHNNIES BAKERY & DELI LLC
MATH DOCTOR
5108 DOMINOS PIZZA
ELIS WEST INDIAN GROCERY
GLOBAL EXPRESS
KIM BEAUTY SALON
RYANS ALTERATIONS
SAMS DISCOUNT MINTON
5116 MINTON ANIMAL HOSPITAL
5124 HURRICANE CAR WASH
5132 NEW IMAGE DENTISTRY
PICKARDS KARATE
XPERIENCE SALON & SPA
5156 DOUBLE R DISCOUNT SUPPLY
DOUBLE R SUPPLY
5164 MINTON ROAD SERVICE CENTER
5172 JOHN STEVENS MOTORS INC
5188 LIGHTING WAREHOUSE OF BREVARD INC
SERVICE ELECTRIC INC
5200 NICOLE COTE SCHOOL OF DANCE INC
6010 OCCUPANT UNKNOWN,
6070 YARMAN, GARY E
6100 ATLANTIS DIAGNOSTICS MD
CORTES JOSUE MD
CYNTRIST PHARMACY
DAVIS SANDRA MD
HASAN NASIR MD
SABAPATHY MUDANAI MD
SAHNI ASJWINI MD
6120 STORAWAY SELF STORAGE OF PALM BAY LL
6142 OCCUPANT UNKNOWN,
6152 RICHMOND, RITA
6162 OCCUPANT UNKNOWN,
6164 LOVE, RICHARD P
6372 VIZION AUTOMOTIVE LLC

MALABAR RD SW 2010

122 NATIONAL CITY BANK
 132 MC DONALDS
 142 BLOCKBUSTER VIDEO
 160 BEALLS DEPARTMENT STORE
 BROWN BAG
 CHINA MIX
 DOLLAR TREE
 KNOWLEDGEPOINTS
 LESLIES SWIMMING POOL SUPPLY
 MAXIMUM FITNESS CLUB
 PALM BAY WEST ACE HARDWARE
 PERDUE CHIROPRACTIC CTR
 RADIO SHACK
 RATNER STORE
 SALLY BEAUTY SUPPLY
 VALENTINOS ITALIAN RESTAURANT
 190 ADVANCE AMERICA
 ALLSTATE INSURANCE CO
 AT&T STORE
 BREVARD EYE CTR
 BROOKE INSURANCE
 CLOVER INSURANCE INC
 DIANES NAILS
 FLAMINGO LAUNDRY CTR
 FLORIDA WINE & SPIRITS II
 GNC
 H&R BLOCK
 LITTLE CAESARS PIZZA
 MANAGEMENT RESOURCE SEARCH
 MASH HOAGIES SEVEN
 R & S SOFT WATER SVC INC
 REMEDY PAWN & JEWELRY
 RENTACENTER
 SUN CLEAN DRY CLEANERS
 TOBACCO STORE
 WINNDIXIE
 WINNDIXIE PHARMACY
 260 AUTOZONE
 270 ADDITIONAL STORAGE OF PALM BAY
 BEASLEY, CAROL S
 BOX & SHIP
 J & T INSULATION
 380 BURKE, BILL
 500 MADALYN LANDING
 504 BAEZ, JOSEFINA
 COUVERTIER, EDWARD J
 FALVO, MARYANN A
 JONES, NANCY D
 MAFLEY, PAULA
 MCCAULEY, TRACY A

MALABAR RD SW 2010 (Cont'd)

504	MCGREGOR, MARVA MILLER, CLARENCE REICHNER, PAMELA A ROOKE, GREG J ROSARIO, DOLORES SMITH, NATHANIEL SODERLUND, JENNIFER A
510	BEAUCHAMP, LATRICE BUNCE, JOHNATHAN ESTRADA, ALFREDO C JEWELL, AMBER PLAZA, MIGDELIA RIGAUD, CINDY SEDA, HILDA M VELASQUEZ, JUANA WALKS, MARGUERIT WEATHER, LEOLA
514	ALVAREZ, EVIANA BROWNE, GLENN FIGUEROA, MARGRAT JONES, WILLIE B LAGUERRE, ANTON MOHAMMED, SANDRA MONDESTIN, MARITZA RESIDENT CUSTOMER REVERON, MARIFE SANTIAGO, JOSUE
520	CAMPBELL, SANDRA L DAVIDSON, JESSICA A GARCIA, GILANY GORDON, CEDRICK HALL, CHARLISAH MACK, DEBORAH A MORLOCK, BYRON POLLARD, ANDREA SERGOT, WALTER W SIERRA, YURI G STOKES, SHAMEKA WILKINS, JAIME
524	AYALA, DYANNA CASIANO, SYLVIA DIAZ, ESTHER ESKEW, CONNIE F FOSTER, STEPHANIE HODGES, DANIELLE MARRERO, CHRISTINA TATE, ELMYRA J VELEZ, SANDRA
530	BURGOS, MARIA CLARK, ANJANET

MALABAR RD SW 2010 (Cont'd)

530	CREERY, JOSEPH T DELACRUZ, JUAN R DOBBS, JACKIE H ESCALONA, JUAN HARTMAN, MICHELLE L JORDAN, EQUILLA D PUSHMAN, MICHELLE N
540	ARTEAGA, ALEXANDER BELL, SHANKA R BURGOS, MARISOL B CHAPMAN, RASHADIA S CHARRIEZ, LUIS S CROYLE, KAT G FORINASH, SONYA J SACULL, RINASACULL SANCHEZ, NORA M SANTIAGO, CARMEN SEIGLE, DUSTIN STOKES, EDGAR
544	BENCHARLES, BELONY CATHY, HAGER COLLEY, MICHAEL DAVIS, DOLORES P FIGUERO, GLENDA HOGAN, ANNETTE HUGGER, KATINA L LEBRON, MARK A MILLER, KAREN ROCA, MARIE D SING, M SMITH, RYAN THOMAS, ALESHA TOBY, TONYA
550	AVILES, JOHN BIGGS, SARAH BURNELL, LAURENCE D CHANDLER, MALEKIA M CIPRIANIE, MONICA E CONNOLLY, ALICIA A ELLIS, ALBERT HILL, TERRI Y JONES, TORICO M SIMMONS, KENYA STANLEY, SOPHIA L
554	CASCIARO, NICHOLE G CRAVEN, JILL FLANNERY, REBECCA S GRIP, DANIEL HERNANDEZ, ROQUE R MACON, KENYON

MALABAR RD SW 2010 (Cont'd)

554	MCRAE, NETTA MULLINGS, DION REILLY, JAY STEPHENSON, ALESHA WILSON, BARBARA L
560	BOORD, CHESTER T BREEDEN, TAMARA JACKSON, AVA OSTEEN, WILLIAM A RODRIGUEZ, PATTY SANTIAGO, JOSE E WOODSON, WILLIAM
562	MADALYN, LANDING
564	ALMARELES, SEAN C DEANGELIS, CHRIS FRIETSCH, MICHAEL D GARZA, JANIRA GRANT, BRIAN A HOWARD, C L JOHNSON, WANDA JONES, SHEKIEMA I MARTE, BENJAMIN MOORE, KATHRINA SMALL, JACQUELYNE WILLIAMS, ADRIENNE WRIGHT, DARLENE ZMESKAL, PAUL
570	CLARK, JULIE A COOLER, APRIL COX, TANIA L CROWDER, CHERELE EATON, JENNIFER EDWARDS, LATOYA GASKINS, CARL L PADILLA, CESAR QUINN, MARY L RUSSO, ORLANDO R SMITH, T
574	BANCHARED, EDWARD BARE, JAMES FLYNN, DANIELE HERNANDEZ, CECILIA JORDAN, VERONICA Y LOPEZ, DORIS E MOSS, JULIE M NABB, HEATHER NETTLES, JAMES OCANSEY, TONIA R WILLOUGHBY, CJ
580	BAHNER, DEBRA S

MALABAR RD SW 2010 (Cont'd)

580	CLARK, FREDERICK FRYE, WILLIE LADD, EDWARD NEELY, TRACY RICHARDSONBROWN, CASSAUNDR A J SALOMON, CARINE SAMUELS, JEFFREY A SINGH, MARY A TORRES, MATTHEW
584	AGOSTO, FRANCISCO BENTLEY, CHRISTINE BETHEL, DANIEL G BIGGS, NICOLE CLARK, ANTWAN COLON, LUIS A COX, DAWN HAFZA, YOUSEF HAYES, SONIA
588	PATTEN, SCOTT
590	DIAZ, JAHNISHA HINES, SEAN HUNTER, JOE KING, DENNIS A KRYSTAL, MACIAG LOPEZ, PENELOP LYONS, REGGIE W MOORE, KATRINA S PEREZ, JORGE SHAW, APRIL D VELAZQUEZ, MARIA WALKS, JOHN
594	CIANO, TIANA CLAYTON, TIFFANY DUNN, NICOLE LINK, JENNIFER MCKENZIE, ERNEST MCLAUGHLIN, WINSTON SANTOS, CAROLINA
598	ANDERSON, RYAN C BROWN, DONTAVIOUS D CASTRO, AURORA ESTEY, ERIC H HAMMOND, LASHAWNDA MAJOR, RONALD WILLIAMS, WESLEY
750	OCCUPANT UNKNOWN,
900	KANGAROO EXPRESS
950	US POST OFFICE
1050	PALM BAY CITY FLEET DEPT PALM BAY CITYDRAINAGE SCTN

MALABAR RD SW 2010 (Cont'd)

1050	PALM BAY PUBLIC WORKS DEPT TRANSPORTATION & DRAINAGE DIV
1136	RITCHIE, WINFRED
1226	OCCUPANT UNKNOWN,
1298	GUNN, LUZ M
1614	MONTGOMERY, PHYLLIS
1650	PLATT, HAROLD C

MINTON RD NW 2010

5000 PIT STOP OIL CHANGE
 5030 COMBAT TERMITE SPECIALISTS
 FIRST FINANCIAL EMPLOYEE LSNG
 STATE FARM INSURANCE
 TRAVELENCIA
 5050 MINTON SHELL
 5070 CROSSROADS SPORTS BAR
 FLORIDA DERMATOLOGY ASSOC
 MINTON ROAD PASTA & PIZZA
 PALM BAY DERMATOLOGY
 5108 DOMINOS PIZZA
 ELIS WEST INDIAN GROCERY
 KIMS UNISEX BEAUTY SALON
 NEEL 2007 INC MINTON
 RYANS TAILOR & ALTERATION
 5116 MINTON ANIMAL HOSPITAL
 5124 HURRICANE CAR WASH III
 5132 NEW IMAGE DENTISTRY
 5156 DOUBLE R DISCOUNT
 5164 CHRISTIANS MINTON ROAD SVC
 5172 JOHN STEVENS MOTORS INC
 5188 LIGHTING WAREHOUSEBREVARD INC
 SERVICE ELECTRIC INC
 5200 HAIR & US
 NAILS BY DONNA & LUCY
 NICOLE COTE SCHOOL OF DANCE
 TIKI KUTS HAIR & NAIL SALON
 5990 MELBOURNETILLMAN WATER CNTRL
 6010 AUSTIN, AMANDA J
 6070 YARMAN, GARY E
 6100 ATLANTIS DIAGNOSTIC CTR
 CYNTRIST PHARMACY
 HASAN NASIR MD
 HOMNI HEALTHCARE
 OMIN HEALTHCARE
 OMNI
 OMNI HEALTH CARE
 OMNI HEALTHCARE
 SABAPATHY MUNDANAI MD
 6142 OCCUPANT UNKNOWN,
 6152 RICHMOND, REBA
 6162 OCCUPANT UNKNOWN,
 6164 OCCUPANT UNKNOWN,
 6369 OIL & LUBE EXPRESS OF PALM BAY

MALABAR RD SW 2005

122	HARBOR FEDERAL SAVINGS BANK
132	MCDONALDS RESTAURANT
160	BEALLS
	BEALLS DEPARTMENT STORES
	CHINA MEX
	CHINA, MAX
	DOLLAR TREE 892 INC
	HAIR CUTTERY
	HENDRIX, DAVID D
	KMART CORP
	PERDUE CHIROPRACTIC CENTER PA
	RADIOSHACK
	READERS MARKET
	SALLY BEAUTY SUPPLY
190	A AMERICAN AUTO INSURANCE
	ANDY SARPOOLAKI
	CINGULAR WIRELESS
	D & L SALON
	DIANES NAILS
	FLAMINGO LAUNDRY
	JAMES H PRUITT REAL ESTATE
	MARK MCTAMMANY MD
	MASH HOAGIE SHOP III
	MEDD INSURANCE ENTERPRISE
	MWLS LLC
	PARADISE POOLS
	PRUITT REAL ESTATE INC
	RENT A CENTER
	SNOW CONSTRUCTION
	TOBACCO STORE
	WALGREENS
	WALGREENS PHARMACY # 2343
	WINN DIXIE MARKETPLACE
192	H R BLOCK
260	AUTOZONE
270	ADDITIONAL STORAGE PALM BAY
	BUDGET TRUCK RENTAL
284	GROOM, SUE C
304	SIMMONS, MIASHA J
380	BURKE, BILL
400	PLATT, PAUL E
	PT RANCH
500	MADALYN LANDING
504	ALEXANDER, MAX
	BOOKER, RONALD
	CANNON, B
	COUVERTIER, EDWARD J
	DAWSON, MARYAM
	DEANGELIS, CHRIS
	DUNN, JAMES T

MALABAR RD SW 2005 (Cont'd)

504 EDMOND, ROSALOED
 FALVO, MUSIC
 GARCIA, M
 HARRACK, NEESHA
 HASTIE, MARY
 JENNINGS, RODNEY D
 JONES, NANCY
 JOSEPH, DJYNIA
 LERNER, JANICE
 NGUYEN, KHOA
 PERSON, KIM
 SULLIVAN, SHANNON L
 VELASQUEZ, JUANA

510 BEAUCHAMP, LATRICE
 DAIL, ANGELA
 ESTRADA, SILIVIA E
 EXTRA, THERESA
 FAUNCE, JAMIE
 FRITZE, TAMMY M
 LAMPASONA, MICHAEL F
 MCCUNE, MARY E
 MCFADDEN, TIFFANY
 MONTELEONE, LINDA
 NORMAN, LEONARD V
 PARALTA, GERARDO
 PHILLIPS, MARY J
 PLAZA, MIGDELIA
 RAMISTELLA, MICHELE
 RUIMVELD, KELLIE M
 SCHOLTENS, CHRISTOPHER R
 STEWART, MARIO
 TALLEY, JENNIFER
 WEATHER, LEOLA

514 BOSTICK, SHONTE
 BRISTOL, LEOMA
 COLLIER, SHIELA D
 DAVIS, NICHOLA
 DENNY, MICHAEL
 DEOLIVEIRA, ANGELICA
 DEROSA, F
 DOWDEN, P A
 FINCH, TOM
 FRATER, CAROL C
 GROSSO, RENE D
 JACKSON, N
 KENDALL, V H
 KNIGHT, CASHA L
 LANE, A
 LEAKES, SADIE A
 MANNA, RUTH

MALABAR RD SW 2005 (Cont'd)

514 REILLY, MICHAEL
 REYES, AURIO
 ROBINSON, A
 SANTIAGO, JOSUE
 VILLAVERDE, NELSON
 WINTERS, ROBERT

520 BIGGS, LATASHA D
 BRERGERON, J
 CARRION, MILDRED
 GALEAS, JOSEPH J
 GIRALDO, F
 GUTIERREZ, ANGEL
 JORDAN, DUSTIN
 JUSTICE, M
 KRAFT, JANICE L
 LEWIS, NIEASHIA
 MARIANO ORTIZ
 MILLS, A L
 MORELAND, TONYA
 MURPHY, ALICIA M
 OLOUGHLIN, SONIA V
 POLLARD, ANDREA
 RICHARDS, M
 RIVERA, ARLENE
 ROBERTS, MARY
 ROMAS, MARIA
 SERGOT, GALE J
 SMITH, MELISSA
 STEVENSON, PATULLA M
 WASHINGTON, SANDRE
 WATSON, BRANDY T
 WELCH, VIBART C

524 ANDERSON, CARMEN
 BADA, JOSE L
 BRAY, TAMEKA J
 BROOKS, TERESA
 CAINE, MICHAEL H
 CAMPBELL, BEVERLY
 CASIANO, SYLVIA
 CHARLES, SONIA
 COOPER, DENISE
 DANIELS, SABRINA
 DEENAH, GLENIS
 GENNA, LAUREN
 HARDIN, CHRISTINA
 HARPER, ULYSSES
 JORDAN, ANDRE M
 KNIGHT, HILLERT
 KNOLES, DREW
 MOODY, TABITHA

MALABAR RD SW 2005 (Cont'd)

524	MOSCARDINO, MARIA SIMMONS, CORTNIE TATE, ROGER L TERRELL, KENDELL THOMPSON, DAVID WOLFE, DAWN YARBROUGH, JAMES
530	ACOSTA, STEPHEN BROCKMAN, MARIA D CLARK, E CREERY, JOSEPH T CRUZ, MOSES DAVIS, EASTON E DEMPSEY, KELLEY DOBBS, JACQUELINE H GRANT, CORA T LEE, KRISTINA MILLE, GLORIA M ROSS, CLARA SADBERG, KENNETH SCOTT, SHAUN SMITH, B SPAIN, ROSA WILLIAMS, RENARD ZARIS CLEANING SERVICE INC
540	BARRANTI, STACY BARRON, TIMOTHY BUCKLEY, DESMONDA CALDERON, MIRTA CLARKE, BLANCA FRENCH, MAE GELIN, SONIA GONZALEZ, EVARISTO R HARRIS, ALONDRA IRISH, ADRIAN KELLEY, SLAYTON MALDONADO, ROCKY R NAPOLEONE, JOSEPH REEVES, SHANNON ROBERTS, DAVIS M SABOL, DANNIE SANTIAGO, CARMEN SMITH, AZHANE TWIGG, AMBER N WILLIAMS, WILLIE
544	ARANGO, GEORGE L BACCO, SARA BOUNDS, AMANDA CHANTILOU, ALDO CUPOUS, ERROL

MALABAR RD SW 2005 (Cont'd)

544 DECAL, GLORIA
 DUPOUX, ERROL
 EDGINGTON, PAUL J
 ETIENNE, MARIE
 FULLER, LATOYA
 ISENHOUR, BEVERLY J
 ISOM, TREVA
 JOHNSON, MARCELYN
 MARTINEZ, JAYLISE
 MURRAY, JEFFREY
 NICODEMUS, KEITH
 RAMEY, R
 ROBERTS, REBECCA
 SANCHEZ, ABRAHAM
 SODEN, IAN
 SPOHN, JILL M
 TREASURE, DOREEN
 WHEELER, TIFFANY
 WILSON, NONDRAL
 WOIENSKI, GREGORY J

550 ALEMAN, MIGNA
 AVILES, JOHN
 BLACK, JASON
 BOHLIN, ROBERT
 BROWNE, DEBRA
 CHANDLER, MARY J
 DILONES, LUZ
 EMERSON, LISBETH
 GARLAND, ANTHONY
 GARR, STACEY
 GILMOR, GEORGE H
 HALL, HARRISON
 JONES, JABBAR
 KENDALL, V H
 KING, FRANCIS
 MORGAN, BARBARA
 REVIS, MELISSA
 RHODD, SASHER
 SCHMITT, DARLINE G
 SIMS, JOHN E
 URBISTONDO, KIMBERLY
 WEISMAN, EVA

554 ABBE, BRENDA J
 BURRUGHS, JAMES D
 COIRAS, D
 CRAVEN, JILL
 GAGUM, JACLYN
 GALLO, LAURA
 GREEN, R
 ISAAC, CANDICE M

MALABAR RD SW 2005 (Cont'd)

554	KENNEDY, J KNIGHT, TONY LUSTER, TWIANICE MELENDEZ, RAFAEL MORALES, CARMEN T NORDEMAR, INGRID PACHICO, WILLIAM PEREZ, THERESA A PLALE, ERIC REAGAN, DARLA SNYDER, PATRICIA S WALKER, FREEMAN YARBROUGH, JUSTIN
560	BATISTA, TOMAS R BOUCHAGOURA, H CHALK, CHESTER DEOLIVEIRA, ANGELICA DIAH, M DIPAULO, JONI ELLIOT, D S FROMETA, CARMEN D GEIGER, RHONDA K GENNA, MICHAEL GILBERT, JAMES W GONZALEZ, CARLOS HERNANDEZ, LUCIA HILL, GERARD F HUGHES, CHRISTY L LANE, JEROME MCCORY, KATHY MESSAOUD, FARID MOAOUI, ABDEL J MONDESIR, MARGUERITE MORENO, ANA ROBINSON, RENEE SCHECHTER, IRWIN S SOTO, CARLOS H
562	MADALYN, LANDING
564	ALEXANDER, AMANDA ATKINSON, MICHAEL BATTLE, SHARON BROOKS, VANESSA CLARKE, STACEY ELLINGTON, DONNA M FLOWERS, STEPHANIE FRIETSCH, MICHAEL D GILFORD, JENNIFER HARDISON, SHANAY MARRERO, HECTOR I NDHLOVU, DANFORD

MALABAR RD SW 2005 (Cont'd)

564 RAMSEY, PAUL A
 SALMON, MILICENT
 SCAFF, SILVIA
 SMITH, MICHAEL
 SOMMERS, MALIA
 TANGREDI, ANTHONY J
 THOMPSON, OMAR
 VOODOOMAGIK
 WILLIAMS, A

570 BEDOYA, MARIA
 BROOKS, KATHLEEN
 CARROWAY, MARGIE
 CHAMBERS, VERONICA M
 CLARK, JULIE A
 COLON, MARBIA
 DEJESUS, LAUREN
 DOUGLAS, JASON
 ELMA, STENIO
 FIGUEROA, JOSE
 FULLER, E
 GLENN, DARYL B
 HARDEN, RAY A
 HILL, KATHRINA
 HUANG, WENSING
 JACKSON, SERINA
 JOHNSON, SHIRLEY
 LOGUE, DEBBIE
 LYLE, NARRAN
 OPIO, GLADYS
 PATON, CLIFFORD
 SANCHEZ, CLARISBEL
 TIRADO, ANGEL
 WOODS, JOANNA

574 BAKER, DEBBIE
 CLOUSER, T
 DAVIS, SHELLY K
 DIAZ, YANERIS
 FOSU, IRENE D
 FRETZ, MEGAN
 GAIOLINI, NICOLE R
 HARDEN, ANTONIO
 JACKSON, TIFFANY E
 JOBS, TANYA
 LOPEZ, DIEGO
 MARECHEAU, MARCUS
 MINER, C
 NETTLES, JAMES
 OQUENDO, BLANCA
 PADILLA, ALYSSA D
 PRINCIPE, HERIBERTO

MALABAR RD SW 2005 (Cont'd)

574	PURVILLE, MICHELLE R
580	BIGGS, KAYCIE
	CALHOUN, M
	FULLER, NAKISHA
	GALINAT, TRACY
	GANSWITH, SANDRA
	GRAY, KIRK
	GRIMES, JESSICA
	HIGGINS, TAMICA
	MARLOW, CORRIDA
	MCMILLEN, SHELLEY R
	MERANE, AGENISE
	MOYE, ZNOBIA
	PATTEN, SCOTT
	POWER, SHARMON L
	PRESTON, APRIL R
	SHAFER, COREY
	SIGAL, MIKE
	WARD, MICHELLE L
	WRIGHT, JASMINE
584	BAUER, MICHELLE
	BAZILE, KALANDE
	BOOTH, D
	BROWN, ERICKA
	FERRIL, EUGENT
	HEAD, N
	JENKINS, DEE
	JOHNSON, SUZANNE
	JORDAN, JESSICA
	KING, ANZONDRIA
	LEWIS, JEFFERY
	LOPER, NICHOLAS
	MILLER, GLENTON
	NETTLES, LISA B
	PELLETTIERE, PAUL
	POPE, JENNIFER
	ROBINSON, DEFRANDA
	STALEY, MARY
	THOMPSON, JAMES
	TROLINGER, AMANDA
	WAILES, BETH
	WASHINGTON, MELISSA
	WELLMAKER, ANNETTA
	WILLIAMS, MICHELLE
	WORTHY, DRUSILLA
	ZALMER, STEPHANIE
590	ALEXANDER, TAMIKA
	BAKER, SHANTERIA
	BENNETT, DENISE M
	BLOOM, KESHIA

MALABAR RD SW 2005 (Cont'd)

590	BOYD, JENNETTE CAPELLAN, ANGIE CLIFTON, DEBRA CRUZ, B FLETCHER, JAMELLE JAAVID, ZARINAH KING, DENNIS A LASANTA, MARCOS R LEFAVOR, LAUREL MERANE, DORZE MERCER, MELISSA MORALES, ENRIQUE PEREZ, CARLENE PEREZ, RAQUEL POVEDA, TRUDY SHAW, APRIL SPECTOR, AMANDA THOMAS, CYNTHIA VASQUEZ, HERIBERTO
594	ALLEN, LATASHA ALVAREZ, SHARON BIENAIME, DERICK BRAGG, R CANNON, WILLIAM COTO, NIEVES DEATHERAGE, STEVEN DUNN, EVERGREEN FAIVER, ASHLEY FORMAN, MELINDA FRANCOIS, MARIE J LONG, TORREY MCINTYRE, MILLICENT MCLAUGHLIN, EUGENIA MOORE, SHAMERE MOREL, RAISA RHYNES, KIA SAADDJABALLAH, MAHMOUD TORRES, Y TWIFORD, MERIDITH WATKINS, STEVEN T
598	ABBAY, BRIDGET CHRISTIAN, L CREARY, IGNATIUS CUTSHAW, KATIE DELAROCA, MARIE DYSON, LATRICIA M ELPHAGE, MICHAEL O FEBUS, WILFREDO FREEMAN, D GEORGE, EYVONDA D

MALABAR RD SW 2005 (Cont'd)

598 GIRALDO, GILBERTO
GONZALEZ, REBECCA
HERNANDEZ, F
JOHNSON, TONDELIEA
MCCAULEY, S
MILDOR, ROSE
MITCHELL, PRISCILLA
MONK, JOSH
MORTEY, PHYLICIA
NICKELL, MONICA
ROBERTS, BRYAN E
ROSS, PAMELA K
SALTER, JESSICA
SANDRA, C
STELLA, MARIA
TRIPET, THERESA
TURNER, L
TYSON, CYNTHIA R
WHITE, CASINA
WILLIAMS, BERNIECE
WOODS, BRIAN
750 OCCUPANT UNKNOWN,
900 LIL CHAMP FOOD STORE
PAPA JOHNS PIZZA
1050 CITY OF PALM BAY
1136 TAIT, BRYAN E
1298 GUNN, WILLIAM T
1650 PLATT, HAROLD C

MINTON RD NW 2005

5000	MOBILE LUBE EXPRESS
5030	GROOMERY LIGHTHALL, GRAPHX USA PROPERTIES & INVESTMENTS INC
5070	CATALANO VACATION ENTERPRISES INC MINTON ROAD PASTA AND PIZZA MORENO, RUBEN NIGHTTIMES OF PALM BAY INC PALM BAY DERMATOLOGY ASSOCS
5108	KIMS UNISEX BEAUTY RYAN TAILOR SAM DISCOUNT BEVERAGE
5116	MINTON ANIMAL HOSPITAL
5164	JOY LLC MINTON ROAD POWER CENTER
5172	JOHN STEVENS MOTORS INC
5188	LIGHTING WAREHO SERVICE ELECTRIC INC
5200	HAIR & US KID DESIGNS KIM COLE DANCE STUDIO INC
5600	US DEPT OF THE AIR FORCE
5990	MELBOURNE TILLMAN WATER CONTROL DIST
6010	BLAKE, STEVE J
6070	YARMAN, GARY E
6100	OMNI HEALTHCARE PETER TARASCHI DO
6120	STORAWAY SELF STORAGE
6142	MEL UTENDORF LANDCLEARING LLC UTENDORF, MELVIN J
6152	RICHMOND, CONNIE D
6162	POST, ROLLAND ROYAL PALM HANNOVERIANS
6164	OCCUPANT UNKNOWN,
6372	RODNEY L STALVEY SOD SERVICE

MALABAR RD SW 2000

100 INCREDIBLE PETS OF PALM BAY
 130 HANSON, STANLEY D
 132 MCDONALDS RESTAURANT
 142 BLOCKBUSTER VIDEO
 160 ATLANTIC CELLULAR
 BLOCK H & R LOCAL OFFICES
 BODY WORKS AEROBICS & FITNESS CENTER
 CHINA MAX
 CHINA, MAX
 DOLLAR TREE
 GOLDEN PALACE CHINESE SEE CHINA MAX
 HAIR CUTTERY
 HINSHAW TODD C OD
 KMART STORES
 PERDUE J T DC PHD
 PRIMARY EYE CARE GROUP
 REGAL CINEMAS PALM BAY 10
 ROBINSON, THEO
 SALLY BEAUTY SUPPLY
 STELLA OF CALIFORNIA
 SUNSHINE JEWELRY
 TCBY YOGURT
 VALENTINOS ITALIAN RESTAURANT & NEW YORK STYLE PIZZA
 VISIONLAND PALM BAY
 190 A AMERICAN AUTO INSURANCE
 ALLSTATE INSURANCE COMPANIES
 BUNCH MORGAN III MD
 CASH 4 TITLES
 CLAYTON, MARILYN A
 CREATIVE PAINT & DECORATING CENTER
 DIANES NAILS
 FILES DOUGLAS MD
 GENERAL NUTRITION CENTER
 LITTLE CAESARS PIZZA
 MASH HOAGIES 7
 MCTAMMANY MARK MD
 MOVIE GALLERY
 OMNI HEALTHCARE
 PALM BAY WEST COIN LAUNDRY
 PARADISE POOLS
 PAYLESS SHOE SOURCE
 PRUITT REAL ESTATE IN PALM BAY OFFICE
 R & S SOFT WATER SERVICE INCORPORATED
 RACS GIFT & CARDS
 ROSEN MATTHEW MD
 SARPOOLAKI ANDY INS
 SUN CLEAN DRY CLEANERS AND LAUNDERERS
 TARASCHI PETER DO
 WALGREEN DRUG STORES STORE INFORMATION
 WALGREEN DRUG STORES STORE INFORMATION PRESCRIPTIONS ONLY

MALABAR RD SW 2000 (Cont'd)

190	WINN DIXIE STORES INCORPORATED
260	AUTOZONE
	T C B Y YOGURT
400	PLATT, PAUL
504	ALBITZ, MARIA
	ALERS, JOANN
	BELTRAN, CAROL
	BOWMAN, SARAH
	COLLAZO, JOAN
	COUVERTIER, EDWARD J
	DAVIS, CANDY R
	DORMAN, FRANK L
	FALVO, MARYANN
	HALL, DONALD L
	OZARCHUK, MARY A
	POWELL, J J
	SIMMONS, MIASHA J
	STORMER, C
	WHITTAKER, BERNICE
510	BENTLEY, S R
	ESTRADA, SILVIA E
	GAUME, TIMOTHY P
	NAPIER, JUSTIN
	NICKELS, JUSTIN T
	PATTERSON, JOEL S
	SMITH, DORIS E
514	JONES, NANCY D
	KNIGHT, VALERIE A
	MONTGOMERY, JIMMIE G
520	BRYAN, GINA
	GONZALEZ, ALEX J
	HOBBS, A
	MINTER, ALLISON M
	STANDIFER, GINA M
	WILLEMSSEN, LAINA M
524	BADA, JOSE
	BELMONTE, RAUL J
	BONE, E
	DEJESUS, DAISY
	GOMEZ, LALEYNA
	HENRY, TAMI
	OCASIO, LUIS A
	OSTRANDER, K J
	SMITH, ONNIE
	SUAREZ, WENDY
	ZEISER, K
530	AVANT, ROBIN F
	BROCKMAN, MARIA D
	BURNS, M M
	HAKALA, P A

MALABAR RD SW 2000 (Cont'd)

530	POLITI, HENRY L SIEGEL, NANCY E
540	GUARINO, CYNTHIA A JONES, ETTA M NEELY, T
544	FELLOWS, MIKE A HENSLEY, SUZANNE C OTERO, MARIE A
550	JACKSON, HELEN LOPEZ, ENID V MASINGALE, ROBERT MASON, CRYSTAL MONROE, S D REID, DOROTHY ROSARIO, ASTRID
554	SAQR, ALLIAH S SHOULLA, JILLIAN B SMITH, L SPOLY, D
560	BRADVAREVIC, MICHAEL S CHARO, C G CIAMPAGLIA, C FOSTER, YVETTE A GLOVER, CHARO C LORMAN, MICHELE NEGRON, J RODRIGUEZ, DARLENE RYAN, DONALD WELCH, ROSA L WHITE, LOWELL
564	MARRERO, EDWIN
750	CLEMENT, A CRUMBLISS, THOMAS
900	LIL CHAMP FOOD STORE
930	DURON PAINTS
1050	PALM BAY CITY OF ADMINISTRATIVE/LEGISLATIVE
1136	TAIT, BRYAN E
1160	HAIR CUTTERY PALM BAY WEST SHOPPING CENTER
1650	PLATT, HAROLD

MINTON RD NW 2000

5000 MOBILE LUBE EXPRESS
5020 POP SHOPPE
5030 ALLSTATE INSURANCE COMPANIES
AMERICAN DENTAL TECHNOLOGIES INCORPORATED
COMBAT PEST DEFENSE
CONTI KATHY INS
WOODSON BILL INS
WOODSON, B
5050 SAVE A TON
5070 CROSSROADS
FLORIDA SUBURBAN REALTY INCORPORATED
MINTON ROAD PASTA & PIZZA
5098 LIL' CHAMP FOOD STORE NO 197
5108 CASH PAWN & JEWELRY OF PALM BAY
RYANS
SAM DISCOUNT BEVERAGE
5116 MINTON ANIMAL HOSPITAL
5164 MINTON ROAD SERVICE CENTER
5172 JOHN STEVENS MOTORS INCORPORATED
U HAUL CO INDEPENDENT DEALERS
5188 LIGHTING WAREHOUSE OF BREVARD INCORPORATED
SERVICE ELECTRIC INCORPORATED
5200 FINE VINES & FLOWERS TOO INCORPORATED
KIM COLE DANCE STUDIO
5600 U S AIR FORCE SOUTH MELBOURNE BEACH
5990 MELBOURNE TILLMAN WATER CONTROL DISTRICT
6010 RODAT, C T
6070 YARMAN, GARY E
6142 UTENDORF, MELVIN
6152 RICHMOND, CONNIE
6162 ROYAL PALM HANNOVERIANS
TAYLOR, WILLIAM
6369 LUBRICATION SPECIALIST
6375 LIL' CHAMP FOOD STORE NO 292

MALABAR RD SW 1995

160	CINDY SCORTINO FABRIC KING GOLDEN PALACE CHINESE RSTRNT K MART KIDDIE STOP MARCIN, JOHN J PALM BAY 10 THEATRES PERDUE CHIROPRACTIC CTR PERDUE, J T RACS GIFT & CARDS SUZETTES SEW & VAC TCBY US NAVY RECRUITING VISION LAND WORLD GYM
190	ALLIANCE HEALTH CARE GROUP ALLSTATE INSURANCE AMERICAN AUTO INSURANCE ANIMAL HOUSE PET CTR BACHU PATEL MD BOOKS & MORE OF PALM BAY INC CENTURY 21 LAW REALTY CREATIVE PAINT & DECORATING CURRYS BILLIARDS & DARTS FAMILY FUN GLENN R SLOMIN DO HEAVENLY SCENT FLOWER SHOP JAMES J BRADSTREET MD LITTLE CAESARS PIZZA LORI D NELSON DDS MORGAN BUNCH III MD PARADISE POOLS SUPPLY & SVC PARTS CITY PARTS CITY WEST PAYLESS SHOE SOURCE PETER TARASCHI DO R & S WATER SVC ROGER MARRERO MD ROSEMARYS CONSIGNMENT SHOP SAFARI STYLING SALON SARPOOLAKI, ANDY SHARON DILLON MD SUB TREK 1 SUN CLEAN DRY CLEANERS THERESA A YASONIS DDS VIDEO EXPRESS WALGREENS DRUG STORES
400	PLATT, PAUL
750	OCCUPANT UNKNOWNN
900	JIFFY FOOD STORE

MALABAR RD SW 1995 (Cont'd)

950 PALM BAY FUNERAL HOME
1050 PALM BAY TRANSPORTATION DIV
1136 OCCUPANT UNKNOWNN
1650 PLAFT, HAROLD
PLATT, TROY

MINTON RD NW 1995

5030 ALLSTATE INSURANCE
C R MC LELLAN INC
WOODSON, BILL

5070 CROSSROADS TAVERN
FLORIDA SUBURBAN REALTY INC
LEANING TOWER OF PIZZA
VIDEO EXPRESS

5098 LILCHAMP

5108 GREENBERG, M R
HAIR CUTS PLUS
MELBOURNE FLORIST & PLANTERY
SAM DISCOUNT BEVERAGE
WEST PALM BAY CHIROPRACTIC CTR

5116 MINTON ANIMAL HOSPITAL

5164 CHAMPION AUTO REPAIR INC
CHAMPION AUTO STORE

5188 LIGHTING WAREHOUSE BREVARD INC
SERVICE ELECTRIC INC

5200 PATRICIAS SCHOOL OF DANCE INC

6010 ATKINS, CRAIG

6070 YARMAN, GARY E

6100 HOLTZMAN, ANDRE

6142 UTENDORF, MELVIN

6152 GILBERT, CHARLES W

6162 OCCUPANT UNKNOWNN

6164 MANN, MICHAEL D
ROYAL PALM HANNOVERIAN FARM

6350 MURRAY, ALLYSON

6375 HUNTLEY JIFFY FOOD STORE
JIFFY FOOD STORE

MALABAR RD 1987

128

**MALABAR RD (PALM BAY)—FROM
INTERSTATE 95 EAST 1 SOUTH OF
MELBOURNE TILLMAN CANAL**

ZIP CODE 32907

1210 Store The 723-2985
 1302 Vacant
 1304 Crossroads Deli
 1306 Charlie's Guns & Ammo 676-4580
 1308 Parts Plus 727-1052
 1326 Ceramicraft 727-3509
 Ryan Homes Inc genl bldrs 676-1809
 1344 Apollo Preschool
 1346 Indian River Boiler Co 724-9066
 1378 Michel Ed Plumbing Service Inc
 725-8201
 1380 Jim's Marine 725-0727
 1384a Smith Al Inc genl contrs 676-4909
 1384b Webb W D Realty Inc 723-3311

142

**MALABAR RD NE (PALM BAY)
FROM INTERSTATE 95 WEST**

ZIP CODE 32907

100 Palm Bay City Pub Wks Dept 727-7100
 150 Palm Bay City Fire Dept (Sta No 2)
 215★Higginbotham Kevin © 676-4878
 356 Vacant
 930 Huntley Jiffy Food Store
 1100 Malabor Road Pet Hospital 725-2002
 1151 Barnett Bank Of Central Florida N A
 676-2544
 1152 State Farm Insurance 768-9918
 1155 Office Building
 Suites
 2b Hair With Flair 768-9982
 3 Genesis Shoes 729-8939
 4 United States Post Office (sub sta)
 5 Weber Realty Inc 984-0730
 6 Revco Drug Store pharm 768-0891
 8 Palm Bay Florist 984-3212
 10 Auto Tag Agency 729-6084
 12 Greg's Fine Foods & Super Market
 984-7274
 13 Health Care Associates clinic
 984-7878
 13 Bradstreet Jas J phys
 1155 Nelson Lori D dentist
 14 Health Care Assocs (Overflow)
 15 Aldo's restr 725-0051
 17 Video Express 727-1118
 18 Wholesale Jewelry Exchange
 676-0827

MALABAR RD 1987

NE MALABAR RD (PB)—Contd

**19 Treadwell Construction & Land
Services Inc 725-9350**

22 Sun Brite Cleaners 984-7212

1180 Stuckey's Pecan Shoppe 723-4660

1185 Malabar Exxon 724-4730

1190 Interchange Square Shopping Center

MINTON RD 1987

144

**MINTON RD NW (PALM BAY)—A
CONTINUATION OF MINTO RD
(MELB)**

ZIP CODE 32907

PALM BAY ROAD BEGINS

5000 A Garden Shop 725-2818

5020 Convenience Alley genl mdse 724-0911

5030 Cleveland Realty 724-8850

5030a Hair With Flair 729-8789

5030b Movie Stop theater 768-1670

5030c Vacant

5030d No Return

5070 Leaning Tower Plaza

—
22 Leaning Tower Family Restaurant &
Pizzeria 729-6685

UNITS

1 2 Justin's Choice meats

3 Quality Pet Shop

4 Vacant

5 Video Express

Big A Auto Parts Of Palm Bay

984-7316

5098 Jiffy Huntley Store 676-7034

5108 Minton Square

Spas-N-Tubs 725-3249

5188 Service Electric Inc 725-0460

5200a Vacant

5200b Kiddy Korner consignment 676-6900

5200c Vacant

13

MALABAR RD 1982

285

128

**MALABAR RD SW (PALM BAY)—FROM
SW PIGEON AV WEST 4 SOUTH OF
SW CHARLES BLVD**

ZIP CODE 32905

ROMAN AV INTERSECTS

RING AV INTERSECTS

707 Kristy Kone 723-0021

110

MINTON RD 1982

303

322

**MINTON RD (WEST MELBOURNE)
FROM 7000 NEW HAVEN AV SOUTH 1
WEST OF BOSSIEUX BLVD**

ZIP CODE 32901

NUMBERS IRREGULAR

- 2075 Wesley United Methodist Church
727-7585
- 2080 Smith Henning E © 723-0559
- 2100 Williamson Joseph F
- 2105 Bedford M O © 723-1571
- 2120 Vann David O © 727-8478
- 2140 Montgomery Lawn Mowers
Montgomery Robt L ©
- 2160 Appliance Service 725-8866
Capps Raymond C © 724-6859
- 2180 Jones B Mrs © 723-8518
- 2177 Gerber Children's Center pre-sch
educators 727-3838
- 2185 Unitarian Fellowship ch 725-6125
- HELEN ST INTERSECTS**
- 2250 Davis Larry E © 725-2501
- 2255 Meadowlane Public Library 727-7181
Meadowlane Elementary School 723-6354
- HENRY ST INTERSECTS**
- 511 Boldt Carleton F © 723-6594
- 557 Maynor Norman R © 725-7087
- 631 Davis Helen H Mrs © 723-6683
- 635 No Return
- 637 Gupton G L 725-6903
- 639★Butler Fred W
- 641 Kirk Jack A © 725-9283
- 643 Mathis Robt © 727-0786
- 645 Underwrod Martha
- 647 Galiyano John 724-2311
- 698 Richardson Donald E © 723-6859
- MILWAUKEE AV BEGINS**
- 2480 Miller Pierpont M © 723-1438
- 2505 Platt Frank L © 723-5679
- 2570★Case Jean Mrs winter res ©
- 2590 Auto Parts Locater 724-5285
★Hewson Harold F © 723-8613
- 2630 Palm Gardens Golf Course 723-3182
Taylor Miles 727-0243
- 2670 Taylor Rhoderic F © 725-8795
- 2750 Miller Virgil G © 724-0346
- 2860 Perchalski John A © 723-7025
- 2870 Byers Peter D © 723-0544
- 2880 Colton Richd A © 725-3677
- 300 Bryant Adams Park racquetball & tennis
complex 676-4029
- FLORIDA AV INTERSECTS**
- 3101 Rodes Max K Park & Community
Center 724-8975
- 3125 Worley Mead M 724-2785
- SUNSET BLVD BEGINS**
- 3185 Knight David S 724-4248

APPENDIX E

EDR Certified Sanborn Map Report

Malabar Road
130 Malabar Road
Palm Bay, FL 32908

Inquiry Number: 6330026.1

January 13, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

01/13/21

Site Name:

Malabar Road
130 Malabar Road
Palm Bay, FL 32908
EDR Inquiry # 6330026.1

Client Name:

Geotechnical & Env. Cons., Inc
919 Lake Baldwin Lane
Orlando, FL 32814-0000
Contact: Alexis Perry



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Geotechnical & Env. Cons., Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # D52B-4CE3-94F1
PO # NA
Project NA

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: D52B-4CE3-94F1

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Geotechnical & Env. Cons., Inc (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

APPENDIX F

EDR Radius Map Report with GeoCheck

Malabar Road

130 Malabar Road
Palm Bay, FL 32908

Inquiry Number: 6330026.2s
January 14, 2021

EDR Area / Corridor Report



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Mapped Sites Summary	2
Key Map	3
Map Findings Summary	4
Focus Maps	8
Map Findings	29
Orphan Summary	OR-1
Government Records Searched/Data Currency Tracking	GR-1

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

130 MALABAR ROAD
PALM BAY, FL 32908

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

A review of the RCRA-VSQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 4 RCRA-VSQG sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>KANGAROO EXPRESS INC</i> EPA ID:: FLD984231456	<i>6375 MINTON RD NE</i>	<i>A9 / 9</i>	<i>33</i>
<i>WINN-DIXIE #2230</i> EPA ID:: FLR000203208	<i>190 MALABAR RD SW</i>	<i>C27 / 9</i>	<i>58</i>
<i>PALM BAY, CITY OF (C</i> EPA ID:: FLD982077737	<i>1050 MALABAR RD</i>	<i>H42 / 8</i>	<i>78</i>
<i>KANGAROO EXPRESS INC</i> EPA ID:: FLD984192237	<i>900 MALABAR RD SW</i>	<i>J58 / 8</i>	<i>150</i>

State and tribal leaking storage tank lists

LUST: Petroleum Contamination Detail Report

A review of the LUST list, as provided by EDR, and dated 07/27/2020 has revealed that there are 4

EXECUTIVE SUMMARY

LUST sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CUMBERLAND FARMS Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED Discharge Cleanup Status: NFA - NFA COMPLETE Facility Status: OPEN Facility-Site Id: 9045599	105 MALABAR RD NE	B19 / 9	42
PALM BAY, CITY OF (C Discharge Cleanup Status: SRCR - SRCR COMPLETE Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED Facility Status: OPEN Facility-Site Id: 8518277	1050 MALABAR RD	H42 / 8	78
CIRCLE K #2726513 Discharge Cleanup Status: SRCR - SRCR COMPLETE Discharge Cleanup Status: NFA - NFA COMPLETE Facility Status: OPEN Facility-Site Id: 8732741	900 MALABAR RD SW	J56 / 8	131
7-ELEVEN FOOD STORE Discharge Cleanup Status: SA - SA ONGOING Facility Status: OPEN Facility-Site Id: 9802043	6405 MINTON RD	F61 / 9	154

State and tribal registered storage tank lists

UST: Storage Tank Facility Information

A review of the UST list, as provided by EDR, has revealed that there are 5 UST sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CUMBERLAND FARMS Database: UST, Date of Government Version: 08/08/2020 Tank Status: B Tank Status: U Facility-Site Id: 9045599 Facility Status: OPEN	105 MALABAR RD NE	B19 / 9	42
PALM BAY, CITY OF (C Database: UST, Date of Government Version: 08/08/2020 Tank Status: B Tank Status: U Facility-Site Id: 8518277 Facility Status: OPEN	1050 MALABAR RD	H42 / 8	78
LIL CHAMP FOOD STORE Database: UST, Date of Government Version: 08/08/2020 Tank Status: B Facility-Site Id: 8501112 Facility Status: CLOSED	1196 MALABAR RD SW	E53 / 8	128
CIRCLE K #2726513 Database: UST, Date of Government Version: 08/08/2020 Tank Status: B	900 MALABAR RD SW	J56 / 8	131

EXECUTIVE SUMMARY

Tank Status: U
 Facility-Site Id: 8732741
 Facility Status: OPEN

7-ELEVEN FOOD STORE **6405 MINTON RD** **F61 / 9** **154**
 Database: UST, Date of Government Version: 08/08/2020
 Tank Status: U
 Facility-Site Id: 9802043
 Facility Status: OPEN

AST: Storage Tank Facility Information

A review of the AST list, as provided by EDR, has revealed that there are 6 AST sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
LUBRICATION SPECIALI Database: AST, Date of Government Version: 08/08/2020 Facility-Site Id: 9602011 Facility Status: CLOSED Facility Status: CLOSED	6369 MINTON RD NW	A1 / 9	28
BOB YOUTZY LANDCLEAR Database: AST, Date of Government Version: 08/08/2020 Facility-Site Id: 8736724 Facility Status: CLOSED Facility Status: CLOSED	201 MALABAR RD NW	C16 / 9	40
WINN-DIXIE STORE #22 Database: AST, Date of Government Version: 08/08/2020 Facility-Site Id: 9809265 Facility Status: OPEN Facility Status: OPEN	190 MALABAR RD SW	C25 / 9	56
PALM BAY REG PARK Database: AST, Date of Government Version: 08/08/2020 Facility-Site Id: 9810546 Facility Status: OPEN Facility Status: OPEN	1951 NW MALABAR RD (	D32 / 7	69
PALM BAY, CITY OF (C Database: AST, Date of Government Version: 08/08/2020 Facility-Site Id: 8518277 Facility Status: OPEN Facility Status: OPEN	1050 MALABAR RD	H42 / 8	78
PALM BAY CITY-PW Database: AST, Date of Government Version: 08/08/2020 Facility-Site Id: 8943858 Facility Status: CLOSED Facility Status: CLOSED	100 MALABAR RD SE	G44 / 9	119

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

A review of the HMIRS list, as provided by EDR, and dated 09/20/2020 has revealed that there is 1 HMIRS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
Not reported	6375 MINTON RD	A10 / 9	36

SPILLS: Oil and Hazardous Materials Incidents

A review of the SPILLS list, as provided by EDR, and dated 10/02/2020 has revealed that there are 2 SPILLS sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
Not reported OHMIT Incident Number: 24654 Incident Status: Closed	MALABAR ROAD & MINTO	B20 / 9	53
FRED POPPE CAMPGROUN OHMIT Incident Number: 61472 Incident Status: Pending-DM	1951 MALABAR RD NW	D33 / 7	70

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA NonGen / NLR site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
COASTAL BIOSYSTEM IN EPA ID:: FLR000089342	270 MALABAR RD SW	50 / 9	123

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 09/04/2020 has revealed that there are 34 FINDS sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
FOUNDATION COMMERCE Registry ID:: 110032791076	FOUNDATION BLVD	2 / 9	29
KANGAROO EXPRESS INC Registry ID:: 110007458973	6375 MINTON RD NE	A9 / 9	33
CUMBERLAND FARMS	6375 MINTON RD NW	A11 / 9	36

EXECUTIVE SUMMARY

Registry ID:: 110070501039			
DOLLAR GENERAL PALM	UNKNOWN	13 / 9	38
Registry ID:: 110041268053			
PARKSIDE WEST	MALABAR ROAD AT I-95	15 / 7	39
Registry ID:: 110028302290			
CUMBERLAND FARMS #83	105 MALABAR RD NE	B18 / 9	41
Registry ID:: 110070073298			
CORAL BAY CENTER	201 NW MALABAR RD	C21 / 9	54
Registry ID:: 110024393823			
R & S SOFTWATER SVCS	190 MALABAR RD UNIT	C22 / 9	54
Registry ID:: 110038298589			
MALABAR ROAD UTILITY	WEST MALABAR RD & GA	24 / 9	55
Registry ID:: 110024396081			
WINN-DIXIE #2230	190 MALABAR RD SW	C27 / 9	58
Registry ID:: 110056302807			
PARKSIDE WEST	UNKNOWN	30 / 7	68
Registry ID:: 110056344308			
PALM BAY REGIONAL PA	1951 NW MALABAR RD	D31 / 7	68
Registry ID:: 110020172141			
FRED POPPE CAMPGROUN	1951 MALABAR RD NW	D35 / 7	75
Registry ID:: 110070505374			
O'REILY AUTO PARTS -	1165 MALABAR RD	E37 / 8	76
Registry ID:: 110064427320			
JONIK ENTERPRISES IN	1378 MALABAR RD	38 / 8	76
Registry ID:: 110067100997			
PALM BAY, CITY OF	120 MALABAR RD.	F39 / 9	77
Registry ID:: 110012895974			
BRENTWOOD LAKES	1500 W MALABAR RD (B	40 / 8	77
Registry ID:: 110022851458			
PALM BAY CITY HALL A	UNKNOWN	G41 / 9	78
Registry ID:: 110043275112			
PALM BAY, CITY OF (C	1050 MALABAR RD	H42 / 8	78
Registry ID:: 110002555887			
PALM BAY WEST ACE HA	160 MALABAR RD SW ST	I46 / 9	121
Registry ID:: 110067097590			
LESLIE'S SWIMMING PO	160 MALABAR RD SW ST	I47 / 9	121
Registry ID:: 110038269940			
COASTAL BIOSYSTEM IN	270 MALABAR RD SW	50 / 9	123
Registry ID:: 110013302014			
CITY OF PALM BAY PUB	1050 MALABAR RD SW	H52 / 8	127
Registry ID:: 110063606030			
CIRCLE K STORES INC	900 MALABAR RD	J55 / 8	130
Registry ID:: 110070115936			
CIRCLE K @ SEC MALAB	900 MALABAR RD SW	J57 / 8	149
Registry ID:: 110070390456			
KANGAROO EXPRESS INC	900 MALABAR RD SW	J58 / 8	150

EXECUTIVE SUMMARY

Registry ID:: 110007444257			
PANTRY #6513	900 MALABAR RD SW	J59 / 8	153
Registry ID:: 110024567565			
MALABAR PLAZA	110 & 130 SE GREENAC	K62 / 9	166
Registry ID:: 110025343251			
MALABAR COMMONS		K63 / 9	166
Registry ID:: 110035475367			
MALABAR COVE	MARYWOOD AVE NW & MA	K64 / 9	167
Registry ID:: 110035696734			
THE FALLS OF PALM BA	UNKNOWN	M67 / 9	169
Registry ID:: 110032778439			
THE FALLS OF PALM BA	UNKNOWN	M68 / 9	169
Registry ID:: 110032776887			
THE FALLS OF PALM BA		M69 / 9	170
Registry ID:: 110035694246			
THE FALLS PALM BAY	MALABAR RD SW	M70 / 9	170
Registry ID:: 110032806177			

ECHO: Enforcement & Compliance History Information

A review of the ECHO list, as provided by EDR, and dated 10/03/2020 has revealed that there are 26 ECHO sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
FOUNDATION COMMERCE	FOUNDATION BLVD	2 / 9	29
Registry ID: 110032791076			
KANGAROO EXPRESS INC	6375 MINTON RD NE	A9 / 9	33
Registry ID: 110007458973			
CUMBERLAND FARMS	6375 MINTON RD NW	A11 / 9	36
Registry ID: 110070501039			
DOLLAR GENERAL PALM	UNKNOWN	13 / 9	38
Registry ID: 110041268053			
PARKSIDE WEST	MALABAR ROAD AT I-95	15 / 7	39
Registry ID: 110028302290			
CUMBERLAND FARMS #83	105 MALABAR RD NE	B18 / 9	41
Registry ID: 110070073298			
CORAL BAY CENTER	201 NW MALABAR RD	C21 / 9	54
Registry ID: 110024393823			
MALABAR ROAD UTILITY	WEST MALABAR RD & GA	24 / 9	55
Registry ID: 110024396081			
WINN-DIXIE #2230	190 MALABAR RD SW	C27 / 9	58
Registry ID: 110056302807			
PARKSIDE WEST	UNKNOWN	30 / 7	68
Registry ID: 110056344308			
PALM BAY REGIONAL PA	1951 NW MALABAR RD	D31 / 7	68
Registry ID: 110020172141			
FRED POPPE CAMPGROUN	1951 MALABAR RD NW	D35 / 7	75

EXECUTIVE SUMMARY

Registry ID: 110070505374			
O'REILY AUTO PARTS - Registry ID: 110064427320	1165 MALABAR RD	E36 / 8	76
PALM BAY, CITY OF Registry ID: 110012895974	120 MALABAR RD.	F39 / 9	77
BRENTWOOD LAKES Registry ID: 110022851458	1500 W MALABAR RD (B	40 / 8	77
PALM BAY CITY HALL A Registry ID: 110043275112	UNKNOWN	G41 / 9	78
PALM BAY, CITY OF (C Registry ID: 110002555887	1050 MALABAR RD	H42 / 8	78
COASTAL BIOSYSTEM IN Registry ID: 110013302014	270 MALABAR RD SW	50 / 9	123
CITY OF PALM BAY PUB Registry ID: 110063606030	1050 MALABAR RD SW	H52 / 8	127
CIRCLE K STORES INC Registry ID: 110070115936	900 MALABAR RD	J55 / 8	130
CIRCLE K @ SEC MALAB Registry ID: 110070390456	900 MALABAR RD SW	J57 / 8	149
KANGAROO EXPRESS INC Registry ID: 110007444257	900 MALABAR RD SW	J58 / 8	150
MALABAR PLAZA Registry ID: 110025343251	110 & 130 SE GREENAC	K62 / 9	166
THE FALLS OF PALM BA Registry ID: 110032778439	UNKNOWN	M67 / 9	169
THE FALLS OF PALM BA Registry ID: 110032776887	UNKNOWN	M68 / 9	169
THE FALLS PALM BAY Registry ID: 110032806177	MALABAR RD SW	M70 / 9	170

ASBESTOS: ASBESTOS

A review of the ASBESTOS list, as provided by EDR, and dated 08/12/2020 has revealed that there are 5 ASBESTOS sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CITY OF PALM BAY	433 CAPEADOR AVENUE	3 / 9	29
PALM BAY CUMBERLAND	6375 MINTON ROAD	A5 / 9	31
MALABAR STRUCTURE	6376 MINTON ROAD	B12 / 9	37
MCDONALDS	132 MALABAR ROAD SW	F54 / 9	129
CIRCLE K #2726513	900 MALABAR RD SW	J56 / 8	131

EXECUTIVE SUMMARY

CLEANUP SITES: DEP Cleanup Sites - Contamination Locator Map Listing

A review of the CLEANUP SITES list, as provided by EDR, and dated 08/20/2020 has revealed that there is 1 CLEANUP SITES site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
7-ELEVEN FOOD STORE DEP Cleanup Site Key: 64911257	6405 MINTON RD	F61 / 9	154

DEDB: Ethylene Dibromide Database Results

A review of the DEDB list, as provided by EDR, and dated 09/11/2020 has revealed that there is 1 DEDB site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
Not reported Well Id: 050002501	1000 SW MALABAR ROAD	29 / 8	67

DWM CONTAM: DWM CONTAMINATED SITES

A review of the DWM CONTAM list, as provided by EDR, and dated 07/14/2020 has revealed that there is 1 DWM CONTAM site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
7-ELEVEN FOOD STORE Program Site Id: 9802043	6405 MINTON RD	F61 / 9	154

Financial Assurance: Financial Assurance Information Listing

A review of the Financial Assurance list, as provided by EDR, has revealed that there are 6 Financial Assurance sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CUMBERLAND FARMS Database: Financial Assurance 3, Date of Government Version: 08/08/2020 Facility Status: OPEN Facility ID: 9045599	105 MALABAR RD NE	B19 / 9	42
WINN-DIXIE STORE #22 Database: Financial Assurance 3, Date of Government Version: 08/08/2020 Facility Status: OPEN Facility ID: 9809265	190 MALABAR RD SW	C28 / 9	61
PALM BAY REG PARK Database: Financial Assurance 3, Date of Government Version: 08/08/2020 Facility Status: OPEN Facility ID: 9810546	1951 NW MALABAR RD (	D34 / 7	72
PALM BAY, CITY OF (C Database: Financial Assurance 3, Date of Government Version: 08/08/2020 Facility Status: OPEN Facility ID: 8518277	1050 MALABAR RD	H42 / 8	78
CIRCLE K #2726513 Database: Financial Assurance 3, Date of Government Version: 08/08/2020	900 MALABAR RD SW	J56 / 8	131

EXECUTIVE SUMMARY

Facility Status: OPEN
Facility ID: 8732741

7-ELEVEN FOOD STORE **6405 MINTON RD** **F61 / 9** **154**
Database: Financial Assurance 3, Date of Government Version: 08/08/2020
Facility Status: OPEN
Facility ID: 9802043

TIER 2: Tier 2 Facility Listing

A review of the TIER 2 list, as provided by EDR, and dated 12/31/2019 has revealed that there are 3 TIER 2 sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
BELLSOUTH - 3E295 Facility Id: 4982869	SAN FILIPPO #CRN WYO	B14 / 9	38
PALM BAY, CITY OF (C Facility Id: 5483846 Facility Id: 3987884 Facility Id: 6413192 Facility Id: 6075272 Facility Id: 4789481 <i>*Additional key fields are available in the Map Findings section</i>	1050 MALABAR RD	H42 / 8	78
CITY OF PALM BAY - P	1050 MALABAR ROAD SO	H43 / 8	106

NPDES: Wastewater Facility Regulation Database

A review of the NPDES list, as provided by EDR, and dated 07/31/2020 has revealed that there are 12 NPDES sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CUMBERLAND FARMS Status: A Facility ID: FLR20BH37	6375 MINTON RD NW	A4 / 9	30
CUMBERLAND FARMS #83 Status: A Facility ID: FLG071832	105 MALABAR RD NE	B17 / 9	41
GRACE CHURCH Status: A Facility ID: FLR10SB60		B23 / 9	55
FRED POPPE CAMPGROUN Status: A Facility ID: FLR20BV45 Facility ID: FLA807605	1951 MALABAR RD NW	D33 / 7	70
PALM BAY, CITY OF (C Status: A Facility ID: FLR100T97	1050 MALABAR RD	H42 / 8	78
THE FALLS OF PALM BA Status: A Facility ID: FLR10QJ36		45 / 9	120
BRENTWOOD LAKES SOUT	1500 W MALABAR RD (B	48 / 8	121

EXECUTIVE SUMMARY

Status: A Facility ID: FLR20CU88 Facility ID: FLR20AU23			
INSPIRED LIVING AT P Status: A Facility ID: FLR10NP99		49 / 9	123
O'REILY AUTO PARTS - Status: A Facility ID: FLR10PB55	1165 MALABAR RD	51 / 8	127
CIRCLE K #2726513 Status: A Facility ID: FLG071817 Facility ID: FLR20DE51 Facility ID: FLR20CI59	900 MALABAR RD SW	J56 / 8	131
CHAPARRAL SUBDIVISIO Status: A Facility ID: FLR20DO09		L65 / 7	167
CHAPARRAL SUBDIVISIO Status: A Facility ID: FLR20BM31		L66 / 7	168

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR Exclusive Historical Auto Stations

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
PANTRY INC	6375 MINTON RD NE	A6 / 9	31
PANTRY INC	900 MALABAR RD SW	J60 / 8	153

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
SUN CLEAN DRY CLEANER	190 MALABAR RD SW	C26 / 9	57

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

A review of the RGA LUST list, as provided by EDR, has revealed that there are 2 RGA LUST sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
LIL CHAMP FOOD STORE Facility ID: 9045599	6375 MINTON RD NE	A7 / 9	32
LIL CHAMP #6292 Facility ID: 9045599	6375 MINTON RD NE	A8 / 9	32

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
BIARRITZ DMS Database: SWF/LF, Date of Government Version: 10/12/2020 Facility-Site Id: 99910 Class Status: INACTIVE (I)	1224-1228 BIARRITZ S	W 0 - 1/8 (0.081 mi.)	75 / 3	178
PALM BAY REGIONAL PA Database: SWF/LF, Date of Government Version: 10/12/2020 Facility-Site Id: 98055 Class Status: NFA,NO FURTHER ACTION (F)	OFF MALABAR RD. ABOU	NW 1/4 - 1/2 (0.470 mi.)	77 / 2	180

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: Storage Tank Facility Information

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
PALM BAY CITY-POLICE	130 MALABAR RD SE	E 0 - 1/8 (0.008 mi.)	G72 / 9	172
Database: UST, Date of Government Version: 08/08/2020 Tank Status: B Facility-Site Id: 9046145 Facility Status: OPEN				

AST: Storage Tank Facility Information

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
PALM BAY CITY HALL	120 MALABAR RD SE	0 - 1/8 (0.000 mi.)	G71 / 9	171
Database: AST, Date of Government Version: 08/08/2020 Facility-Site Id: 9811537 Facility Status: OPEN Facility Status: OPEN				
PALM BAY CITY-POLICE	130 MALABAR RD SE	E 0 - 1/8 (0.008 mi.)	G72 / 9	172
Database: AST, Date of Government Version: 08/08/2020 Facility-Site Id: 9046145 Facility Status: OPEN Facility Status: OPEN				

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

US MINES: Mines Master Index File

A review of the US MINES list, as provided by EDR, has revealed that there is 1 US MINES site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
PRECISION ROCK & DRE		S 0 - 1/8 (0.080 mi.)	N74 / 8	178
Database: US MINES, Date of Government Version: 08/04/2020 Mine ID:: 0801394				

EXECUTIVE SUMMARY

ABANDONED MINES: Abandoned Mines

A review of the ABANDONED MINES list, as provided by EDR, and dated 09/16/2020 has revealed that there is 1 ABANDONED MINES site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
MALABAR RD BORROW PI	1650 B MALABAR ROAD	S 0 - 1/8 (0.061 mi.)	N73 / 8	177

DWM CONTAM: DWM CONTAMINATED SITES

A review of the DWM CONTAM list, as provided by EDR, and dated 07/14/2020 has revealed that there is 1 DWM CONTAM site within approximately 0.5 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
FORMER PLATT PROPERT Program Site Id: 380808		S 1/8 - 1/4 (0.146 mi.)	76 / 7	179

MAPPED SITES SUMMARY

Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

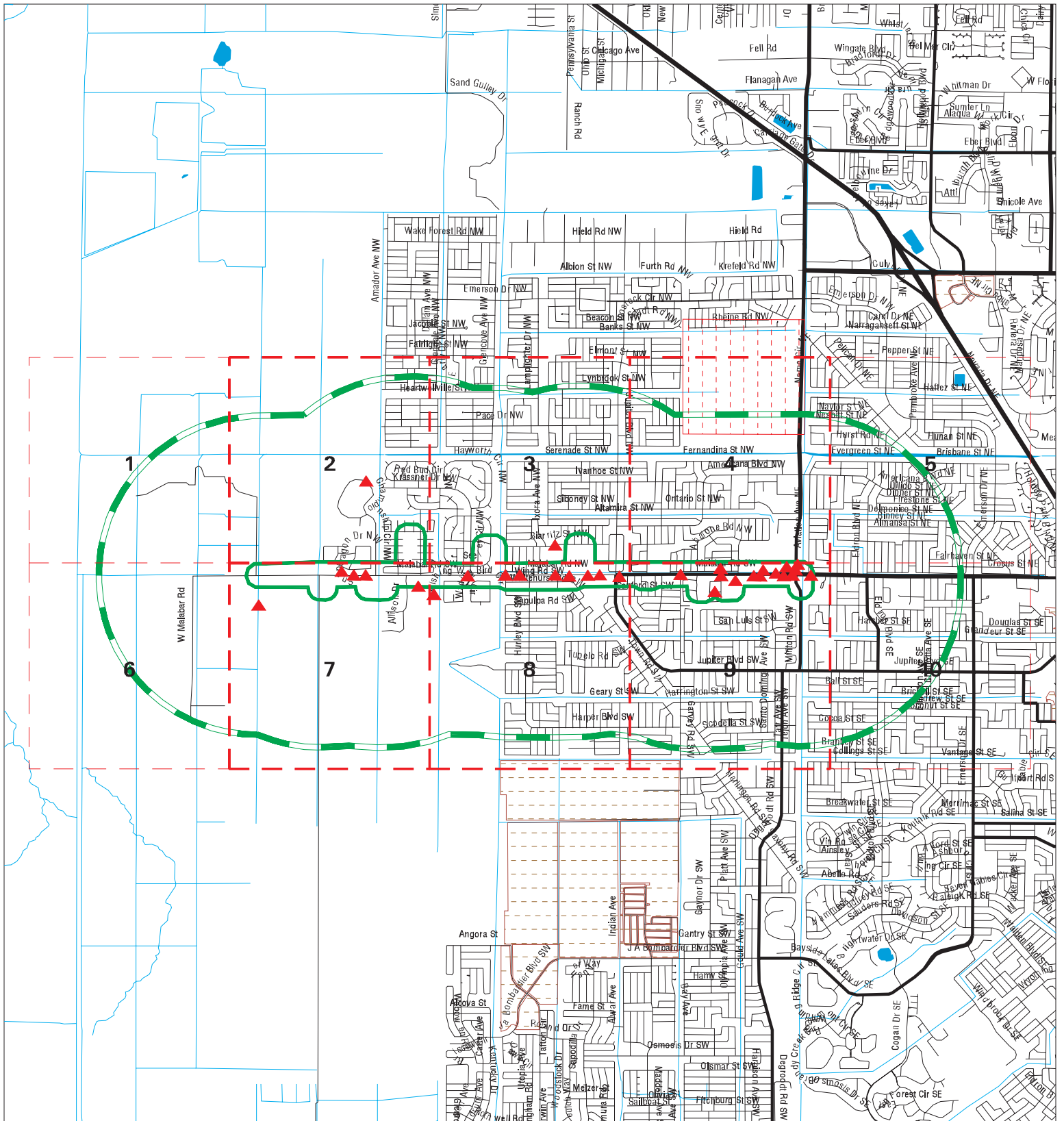
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
Reg / 4	MALABAR TRANSMITTER		DOD	5547 1.051 North
A1 / 9	LUBRICATION SPECIALI	6369 MINTON RD NW	AST	TP
2 / 9	FOUNDATION COMMERCE	FOUNDATION BLVD	FINDS, ECHO	TP
3 / 9	CITY OF PALM BAY	433 CAPEADOR AVENUE	ASBESTOS	TP
A4 / 9	CUMBERLAND FARMS	6375 MINTON RD NW	NPDES	TP
A5 / 9	PALM BAY CUMBERLAND	6375 MINTON ROAD	ASBESTOS	TP
A6 / 9	PANTRY INC	6375 MINTON RD NE	EDR Hist Auto	TP
A7 / 9	LIL CHAMP FOOD STORE	6375 MINTON RD NE	RGA LUST	TP
A8 / 9	LIL CHAMP #6292	6375 MINTON RD NE	RGA LUST	TP
A9 / 9	KANGAROO EXPRESS INC	6375 MINTON RD NE	RCRA-VSQQ, FINDS, ECHO	TP
A10 / 9		6375 MINTON RD	HMIRS	TP
A11 / 9	CUMBERLAND FARMS	6375 MINTON RD NW	FINDS, ECHO	TP
B12 / 9	MALABAR STRUCTURE	6376 MINTON ROAD	ASBESTOS	TP
13 / 9	DOLLAR GENERAL PALM	UNKNOWN	FINDS, ECHO	TP
B14 / 9	BELLSOUTH - 3E295	SAN FILIPPO #CRN WYO	TIER 2	TP
15 / 7	PARKSIDE WEST	MALABAR ROAD AT I-95	FINDS, ECHO	TP
C16 / 9	BOB YOUTZY LANDCLEAR	201 MALABAR RD NW	AST	TP
B17 / 9	CUMBERLAND FARMS #83	105 MALABAR RD NE	NPDES	TP
B18 / 9	CUMBERLAND FARMS #83	105 MALABAR RD NE	FINDS, ECHO	TP
B19 / 9	CUMBERLAND FARMS	105 MALABAR RD NE	LUST, UST, Financial Assurance	TP
B20 / 9		MALABAR ROAD & MINTO	SPILLS	TP
C21 / 9	CORAL BAY CENTER	201 NW MALABAR RD	FINDS, ECHO	TP
C22 / 9	R & S SOFTWATER SVCS	190 MALABAR RD UNIT	FINDS	TP
B23 / 9	GRACE CHURCH		NPDES	TP
24 / 9	MALABAR ROAD UTILITY	WEST MALABAR RD & GA	FINDS, ECHO	TP
C25 / 9	WINN-DIXIE STORE #22	190 MALABAR RD SW	AST	TP
C26 / 9	SUN CLEAN DRY CLEANER	190 MALABAR RD SW	EDR Hist Cleaner	TP
C27 / 9	WINN-DIXIE #2230	190 MALABAR RD SW	RCRA-VSQQ, FINDS, ECHO	TP
C28 / 9	WINN-DIXIE STORE #22	190 MALABAR RD SW	Financial Assurance	TP
29 / 8		1000 SW MALABAR ROAD	DEDB	TP
30 / 7	PARKSIDE WEST	UNKNOWN	FINDS, ECHO	TP
D31 / 7	PALM BAY REGIONAL PA	1951 NW MALABAR RD	FINDS, ECHO	TP
D32 / 7	PALM BAY REG PARK	1951 NW MALABAR RD (	AST	TP
D33 / 7	FRED POPPE CAMPGROUN	1951 MALABAR RD NW	SPILLS, NPDES	TP
D34 / 7	PALM BAY REG PARK	1951 NW MALABAR RD (	Financial Assurance	TP
D35 / 7	FRED POPPE CAMPGROUN	1951 MALABAR RD NW	FINDS, ECHO	TP
E36 / 8	O'REILY AUTO PARTS -	1165 MALABAR RD	ECHO	TP
E37 / 8	O'REILY AUTO PARTS -	1165 MALABAR RD	FINDS	TP
38 / 8	JONIK ENTERPRISES IN	1378 MALABAR RD	FINDS	TP

MAPPED SITES SUMMARY

Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
F39 / 9	PALM BAY, CITY OF	120 MALABAR RD.	FINDS, ECHO	TP
40 / 8	BRENTWOOD LAKES	1500 W MALABAR RD (B	FINDS, ECHO	TP
G41 / 9	PALM BAY CITY HALL A	UNKNOWN	FINDS, ECHO	TP
H42 / 8	PALM BAY, CITY OF (C	1050 MALABAR RD	RCRA-VSQQ, LUST, UST, AST, FINDS, ECHO, ...	TP
H43 / 8	CITY OF PALM BAY - P	1050 MALABAR ROAD SO	TIER 2	TP
G44 / 9	PALM BAY CITY-PW	100 MALABAR RD SE	AST	TP
45 / 9	THE FALLS OF PALM BA		NPDES	TP
I46 / 9	PALM BAY WEST ACE HA	160 MALABAR RD SW ST	FINDS	TP
I47 / 9	LESLIE'S SWIMMING PO	160 MALABAR RD SW ST	FINDS	TP
48 / 8	BRENTWOOD LAKES SOUT	1500 W MALABAR RD (B	NPDES	TP
49 / 9	INSPIRED LIVING AT P		NPDES	TP
50 / 9	COASTAL BIOSYSTEM IN	270 MALABAR RD SW	RCRA NonGen / NLR, FINDS, ECHO	TP
51 / 8	O'REILY AUTO PARTS -	1165 MALABAR RD	NPDES	TP
H52 / 8	CITY OF PALM BAY PUB	1050 MALABAR RD SW	FINDS, ECHO	TP
E53 / 8	LIL CHAMP FOOD STORE	1196 MALABAR RD SW	UST	TP
F54 / 9	MCDONALDS	132 MALABAR ROAD SW	ASBESTOS	TP
J55 / 8	CIRCLE K STORES INC	900 MALABAR RD	FINDS, ECHO	TP
J56 / 8	CIRCLE K #2726513	900 MALABAR RD SW	LUST, UST, ASBESTOS, Financial Assurance...	TP
J57 / 8	CIRCLE K @ SEC MALAB	900 MALABAR RD SW	FINDS, ECHO	TP
J58 / 8	KANGAROO EXPRESS INC	900 MALABAR RD SW	RCRA-VSQQ, FINDS, ECHO	TP
J59 / 8	PANTRY #6513	900 MALABAR RD SW	FINDS	TP
J60 / 8	PANTRY INC	900 MALABAR RD SW	EDR Hist Auto	TP
F61 / 9	7-ELEVEN FOOD STORE	6405 MINTON RD	LUST, UST, CLEANUP SITES, DWM CONTAM, Fi...	TP
K62 / 9	MALABAR PLAZA	110 & 130 SE GREENAC	FINDS, ECHO	TP
K63 / 9	MALABAR COMMONS		FINDS	TP
K64 / 9	MALABAR COVE	MARYWOOD AVE NW & MA	FINDS	TP
L65 / 7	CHAPARRAL SUBDIVISIO		NPDES	TP
L66 / 7	CHAPARRAL SUBDIVISIO		NPDES	TP
M67 / 9	THE FALLS OF PALM BA	UNKNOWN	FINDS, ECHO	TP
M68 / 9	THE FALLS OF PALM BA	UNKNOWN	FINDS, ECHO	TP
M69 / 9	THE FALLS OF PALM BA		FINDS	TP
M70 / 9	THE FALLS PALM BAY	MALABAR RD SW	FINDS, ECHO	TP
G71 / 9	PALM BAY CITY HALL	120 MALABAR RD SE	AST	1 ft.
G72 / 9	PALM BAY CITY-POLICE	130 MALABAR RD SE	UST, AST, SPILLS, Financial Assurance	44 0.008 East
N73 / 8	MALABAR RD BORROW PI	1650 B MALABAR ROAD	ABANDONED MINES	321 0.061 South
N74 / 8	PRECISION ROCK & DRE		US MINES	422 0.080 South
75 / 3	BIARRITZ DMS	1224-1228 BIARRITZ S	SWF/LF	426 0.081 West
76 / 7	FORMER PLATT PROPERT		DWM CONTAM	769 0.146 South
77 / 2	PALM BAY REGIONAL PA	OFF MALABAR RD. ABOU	SWF/LF	2482 0.470 NW

Key Map - 6330026.2s



- ▲ Sites
- ↗ Target Property
- ↖ Search Buffer
- - - Focus Map - No Sites
- - - Focus Map - Sites
- FL Brownfield
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



<p>SITE NAME: Malabar Road ADDRESS: 130 Malabar Road CITY/STATE: Palm Bay FL ZIP: 32908</p>	<p>CLIENT: Geotechnical & Env. Cons., Inc CONTACT: Alexis Perry INQUIRY #: 6330026.2s DATE: 01/14/21 11:58 AM</p>
--	--

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250	4	0	0	NR	NR	NR	4
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		1	0	1	NR	NR	2
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500	4	0	0	0	NR	NR	4
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FF TANKS	0.250		0	0	NR	NR	NR	0
UST	0.250	5	1	0	NR	NR	NR	6
AST	0.250	6	2	0	NR	NR	NR	8
INDIAN UST TANKS	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
PRIORITYCLEANERS	0.500		0	0	0	NR	NR	0
FI Sites	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP	1	NR	NR	NR	NR	NR	1
SPILLS	TP	2	NR	NR	NR	NR	NR	2
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250	1	0	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		1	0	NR	NR	NR	1
ABANDONED MINES	0.250		1	0	NR	NR	NR	1
FINDS	TP	34	NR	NR	NR	NR	NR	34
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	26	NR	NR	NR	NR	NR	26
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP	5	NR	NR	NR	NR	NR	5
CLEANUP SITES	TP	1	NR	NR	NR	NR	NR	1
DEDB	0.250	1	0	0	NR	NR	NR	1
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
DWM CONTAM	0.500	1	0	1	0	NR	NR	2
Financial Assurance	TP	6	NR	NR	NR	NR	NR	6
FL Cattle Dip. Vats	0.250		0	0	NR	NR	NR	0
HW GEN	0.250		0	0	NR	NR	NR	0
RESP PARTY	0.500		0	0	0	NR	NR	0
SITE INV SITES	0.500		0	0	0	NR	NR	0
TIER 2	TP	3	NR	NR	NR	NR	NR	3
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP	12	NR	NR	NR	NR	NR	12
MINES MRDS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125	2	0	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125	1	0	NR	NR	NR	NR	1
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	2	NR	NR	NR	NR	NR	2
- Totals --		117	6	1	1	0	0	125

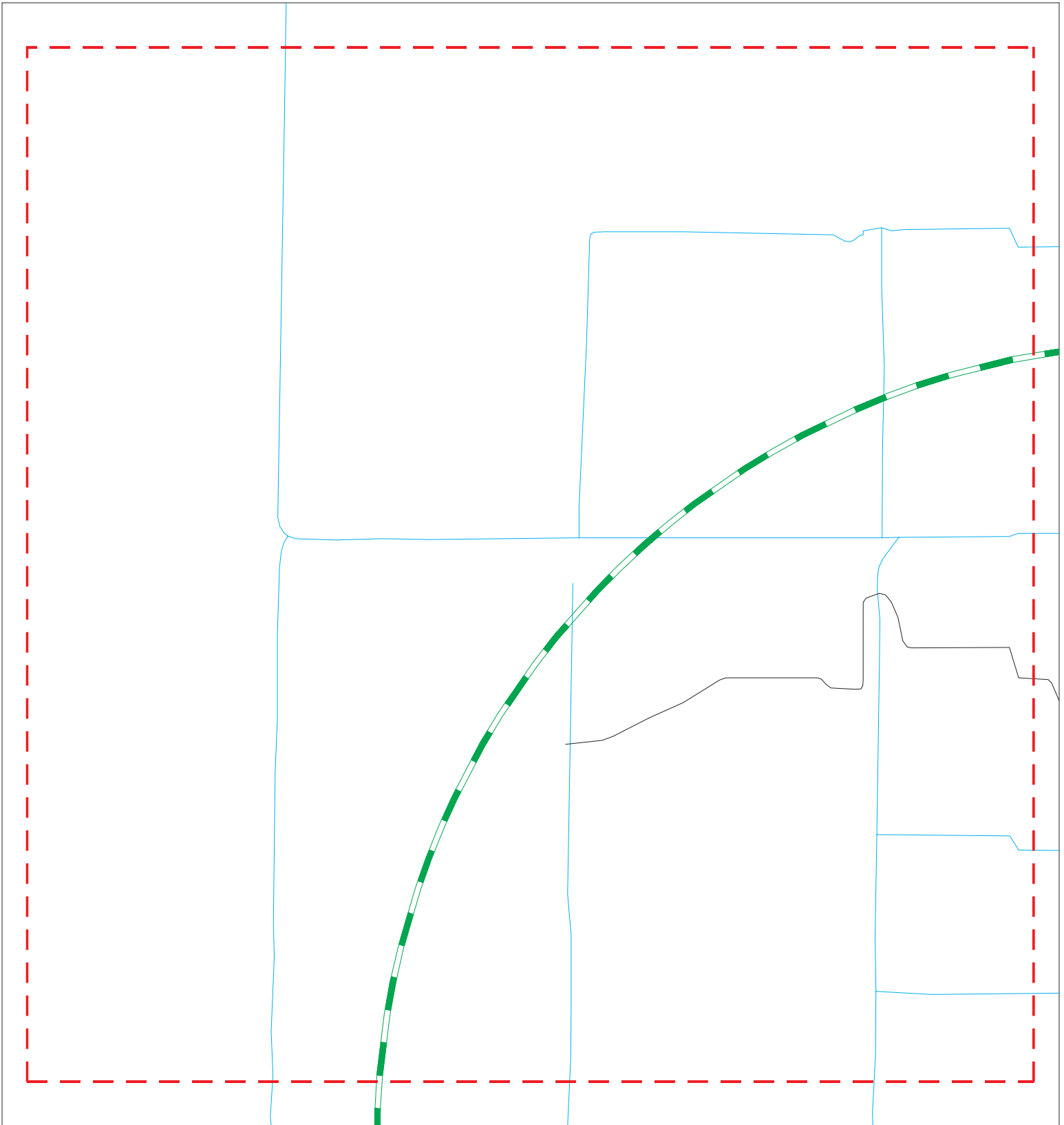
NOTES:












TP = Target Property

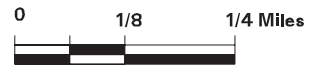
NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 6330026.2s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line |  FL Brownfield |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Malabar Road
ADDRESS: 130 Malabar Road
CITY/STATE: Palm Bay FL
ZIP: 32908

CLIENT: Geotechnical & Env. Cons., Inc
CONTACT: Alexis Perry
INQUIRY #: 6330026.2s
DATE: 01/14/21

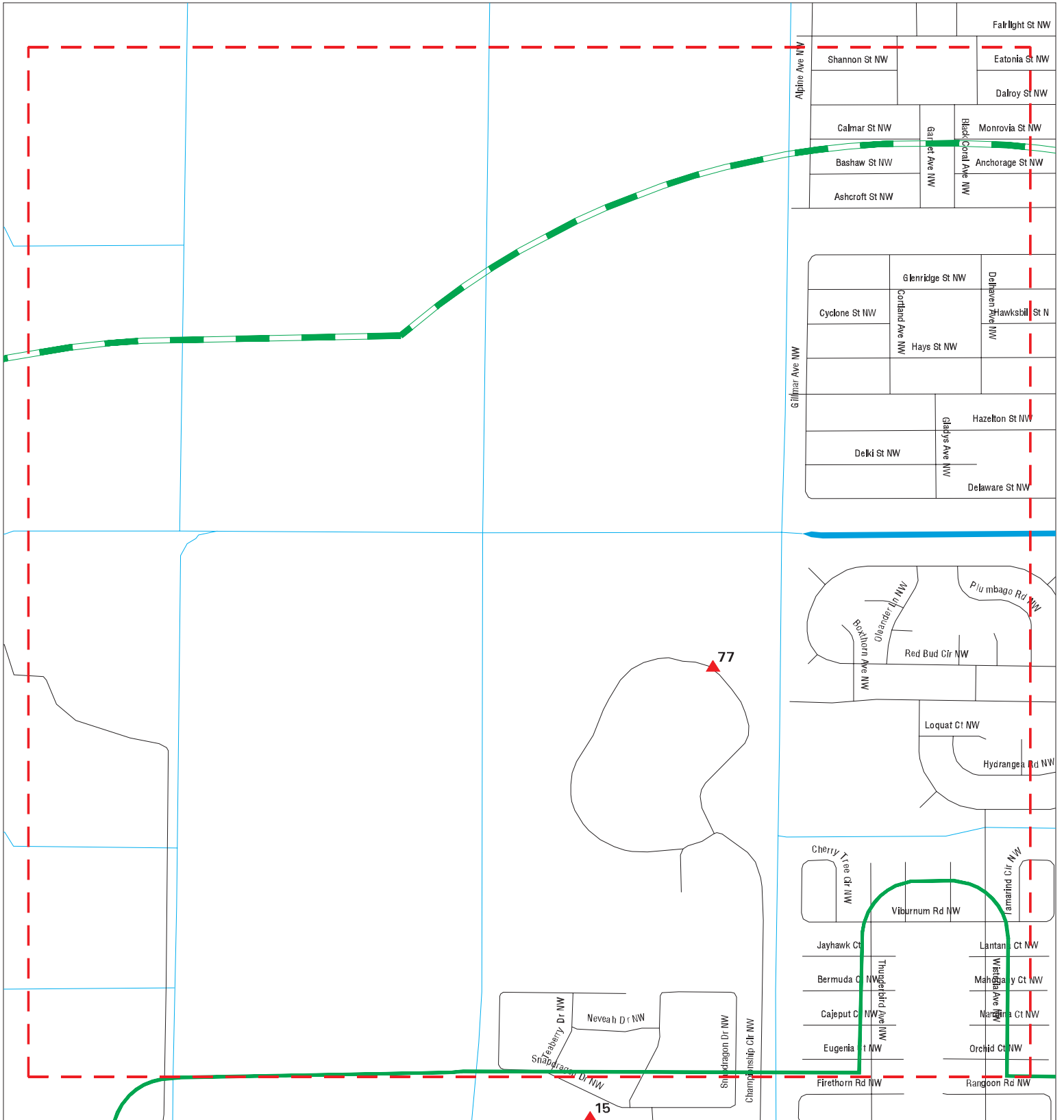
MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 2 - 6330026.2s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | Pipe Line | FL Brownfield |
| Focus Map - No Sites | National Priority List Sites | |



SITE NAME: Malabar Road
 ADDRESS: 130 Malabar Road
 CITY/STATE: Palm Bay FL
 ZIP: 32908

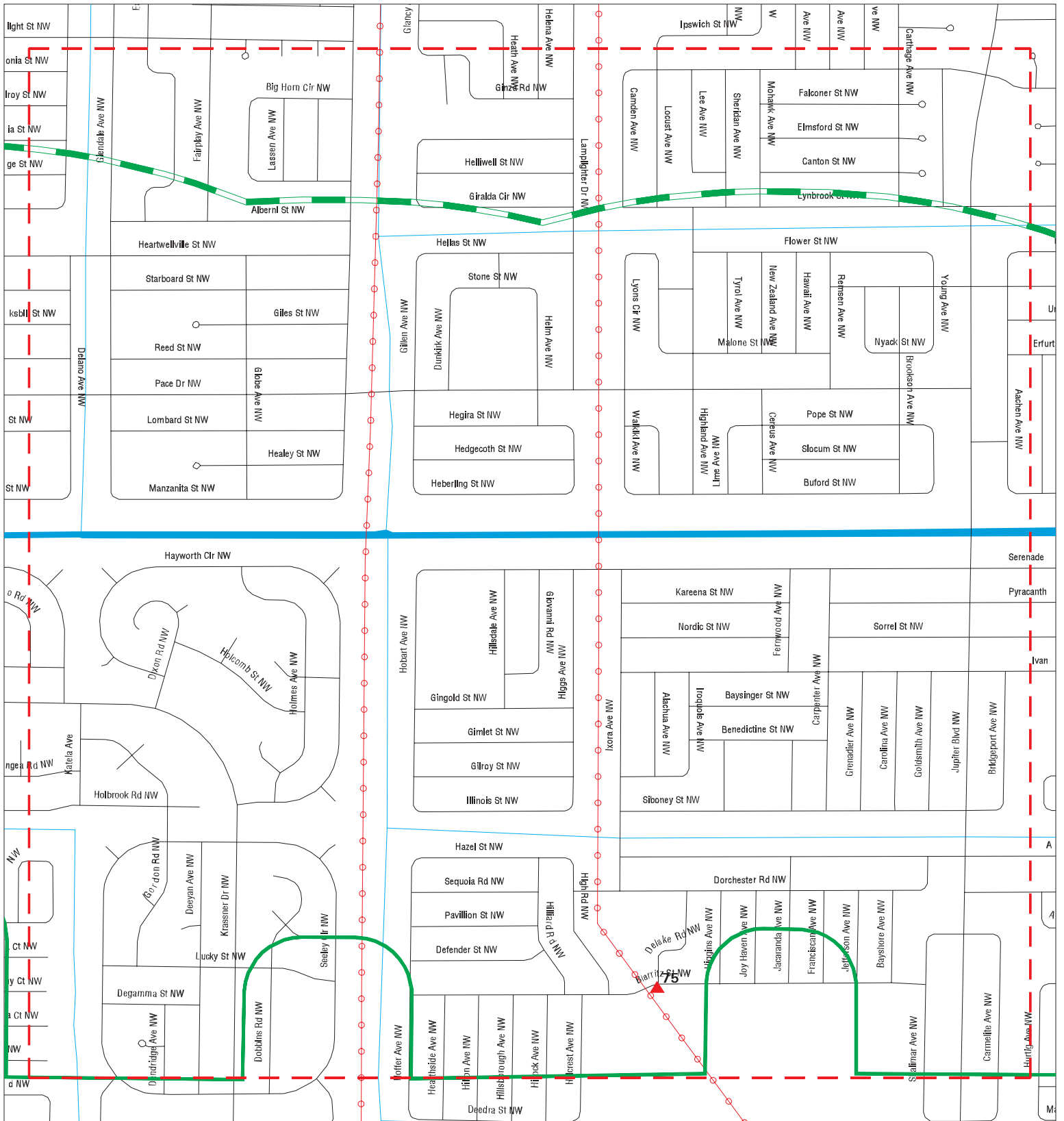
CLIENT: Geotechnical & Env. Cons., Inc
 CONTACT: Alexis Perry
 INQUIRY #: 6330026.2s
 DATE: 01/14/21

MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
77 / 2	PALM BAY REGIONAL PA	OFF MALABAR RD. ABOU	SWF/LF	2482 0.470 NW

Focus Map - 3 - 6330026.2s



- ▲ Sites
- ↗ Target Property
- ↗ Search Buffer
- ↗ Focus Map - No Sites
- ↗ Focus Map - Sites
- ⚡ Power Line
- ⚡ Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- FL Brownfield
- National Priority List Sites



SITE NAME: Malabar Road
 ADDRESS: 130 Malabar Road
 CITY/STATE: Palm Bay FL
 ZIP: 32908

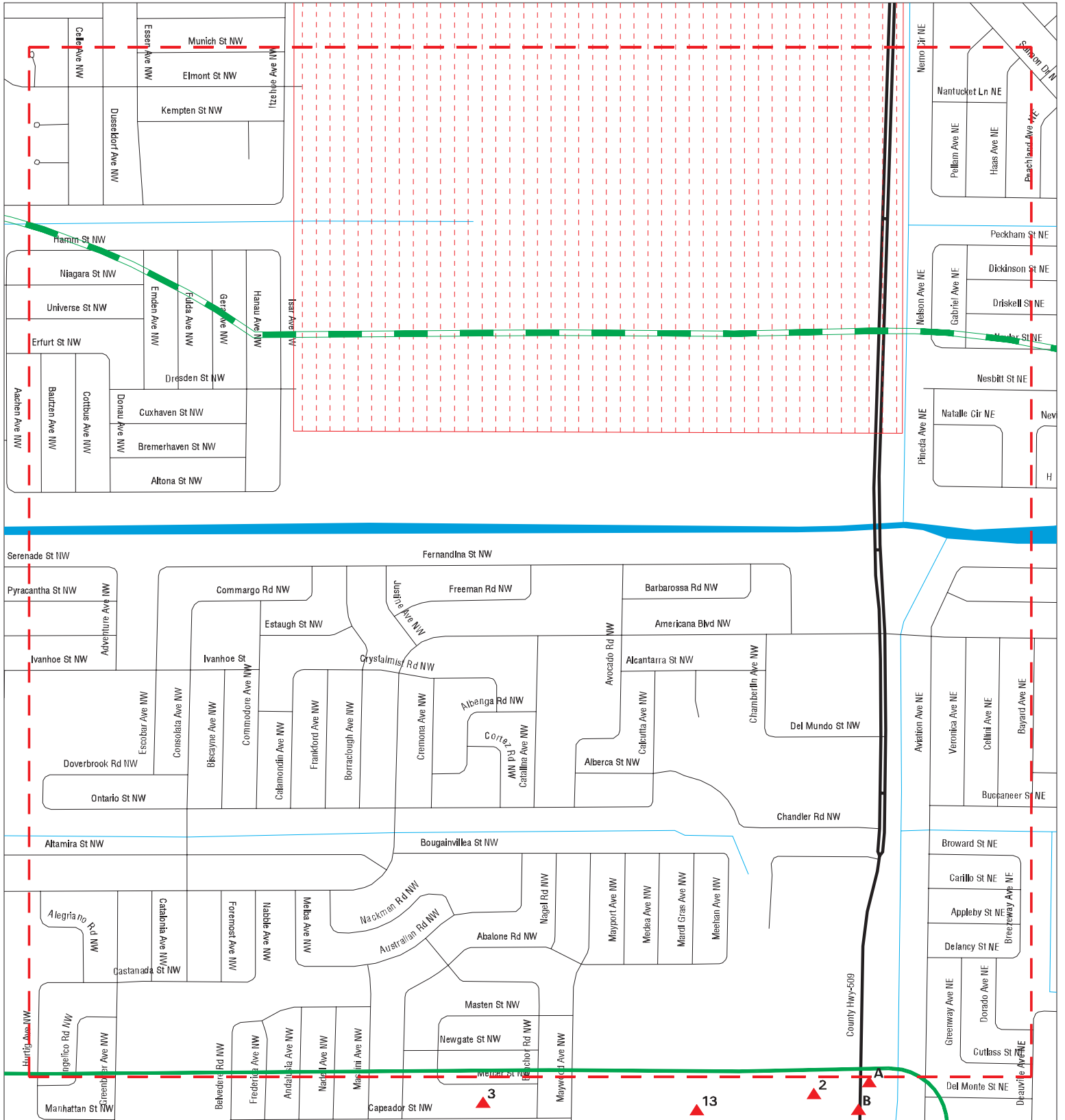
CLIENT: Geotechnical & Env. Cons., Inc
 CONTACT: Alexis Perry
 INQUIRY #: 6330026.2s
 DATE: 01/14/21

MAPPED SITES SUMMARY - FOCUS MAP 3

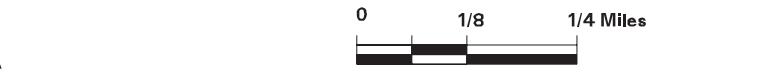
Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
75 / 3	BIARRITZ DMS	1224-1228 BIARRITZ S	SWF/LF	426 0.081 West

Focus Map - 4 - 6330026.2s



- | | | | | | |
|--|----------------------|--|------------------------------|--|-------------------------|
| | Sites | | Focus Map - Sites | | Dept. Defense Sites |
| | Target Property | | Power Line | | Indian Reservations BIA |
| | Search Buffer | | Pipe Line | | FL Brownfield |
| | Focus Map - No Sites | | National Priority List Sites | | |



SITE NAME: Malabar Road
ADDRESS: 130 Malabar Road
CITY/STATE: Palm Bay FL
ZIP: 32908

CLIENT: Geotechnical & Env. Cons., Inc
CONTACT: Alexis Perry
INQUIRY #: 6330026.2s
DATE: 01/14/21

MAPPED SITES SUMMARY - FOCUS MAP 4

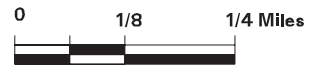
Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
Reg / 4	MALABAR TRANSMITTER		DOD	5547 1.051 North

Focus Map - 5 - 6330026.2s



- ▲ Sites
- ↗ Target Property
- ↗ Search Buffer
- ↗ Focus Map - No Sites
- ↗ Focus Map - Sites
- ↗ Power Line
- ↗ Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- FL Brownfield
- National Priority List Sites



SITE NAME: Malabar Road
 ADDRESS: 130 Malabar Road
 CITY/STATE: Palm Bay FL
 ZIP: 32908

CLIENT: Geotechnical & Env. Cons., Inc
 CONTACT: Alexis Perry
 INQUIRY #: 6330026.2s
 DATE: 01/14/21

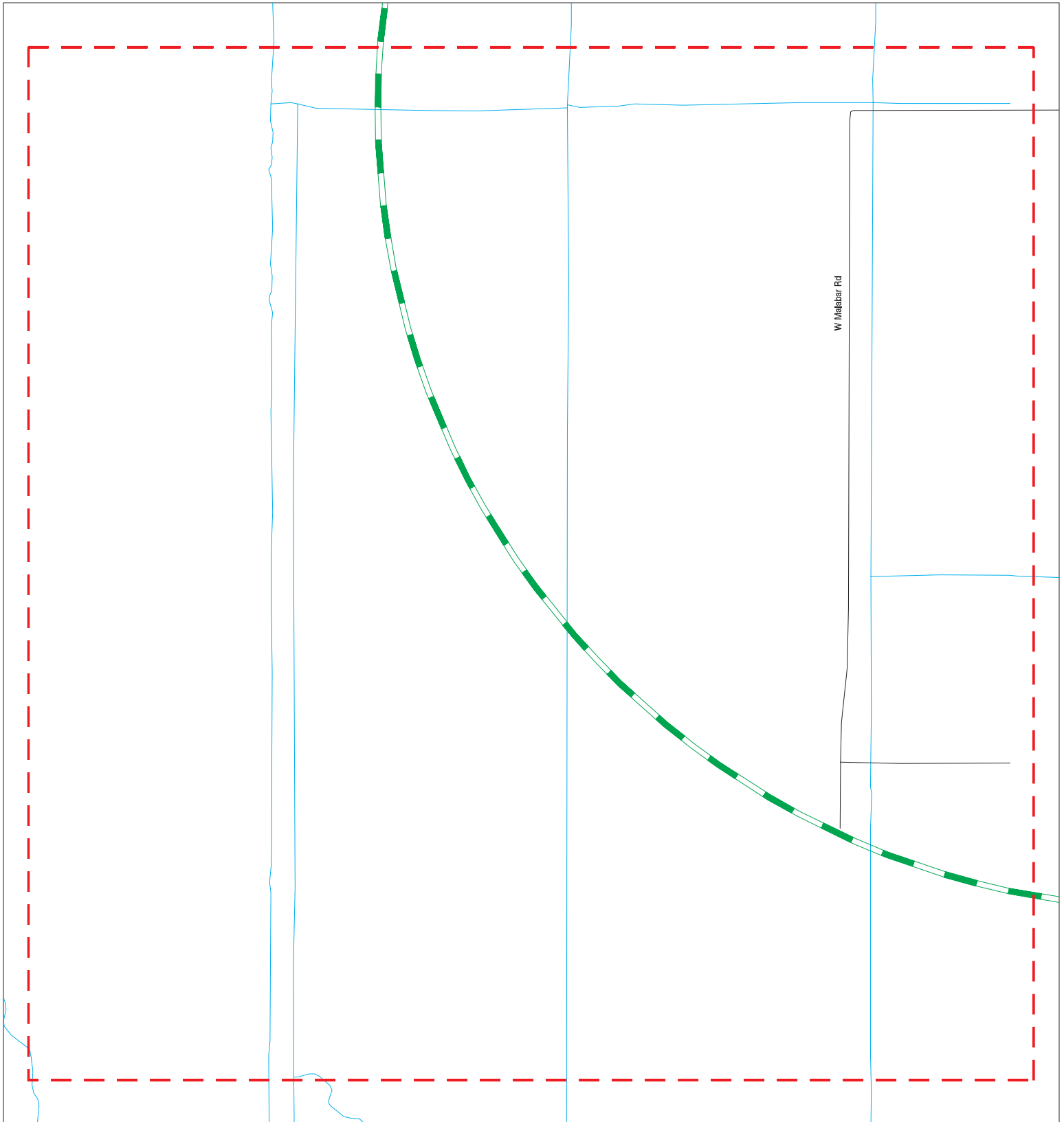
MAPPED SITES SUMMARY - FOCUS MAP 5












Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 6 - 6330026.2s



- | | | | | | |
|---|----------------------|---|------------------------------|---|-------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | FL Brownfield |
|  | Focus Map - No Sites |  | National Priority List Sites | | |



SITE NAME: Malabar Road
ADDRESS: 130 Malabar Road
CITY/STATE: Palm Bay FL
ZIP: 32908

CLIENT: Geotechnical & Env. Cons., Inc
CONTACT: Alexis Perry
INQUIRY #: 6330026.2s
DATE: 01/14/21

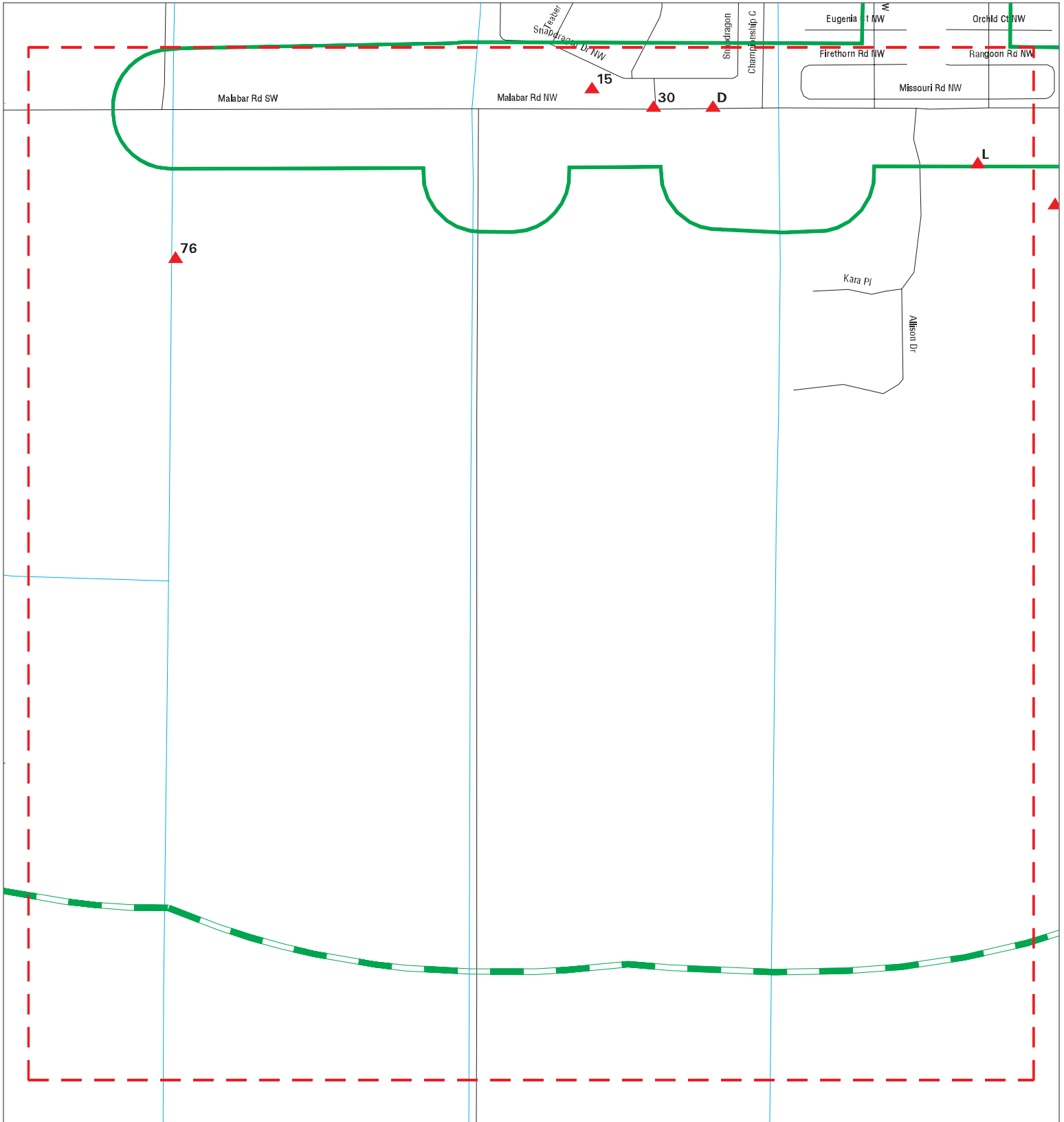
MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

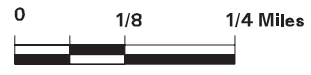
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 7 - 6330026.2s



- ▲ Sites
- ▬ Target Property
- - - Search Buffer
- - - Focus Map - No Sites
- - - Focus Map - Sites
- ⚡ Power Line
- ~ Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- FL Brownfield
- National Priority List Sites



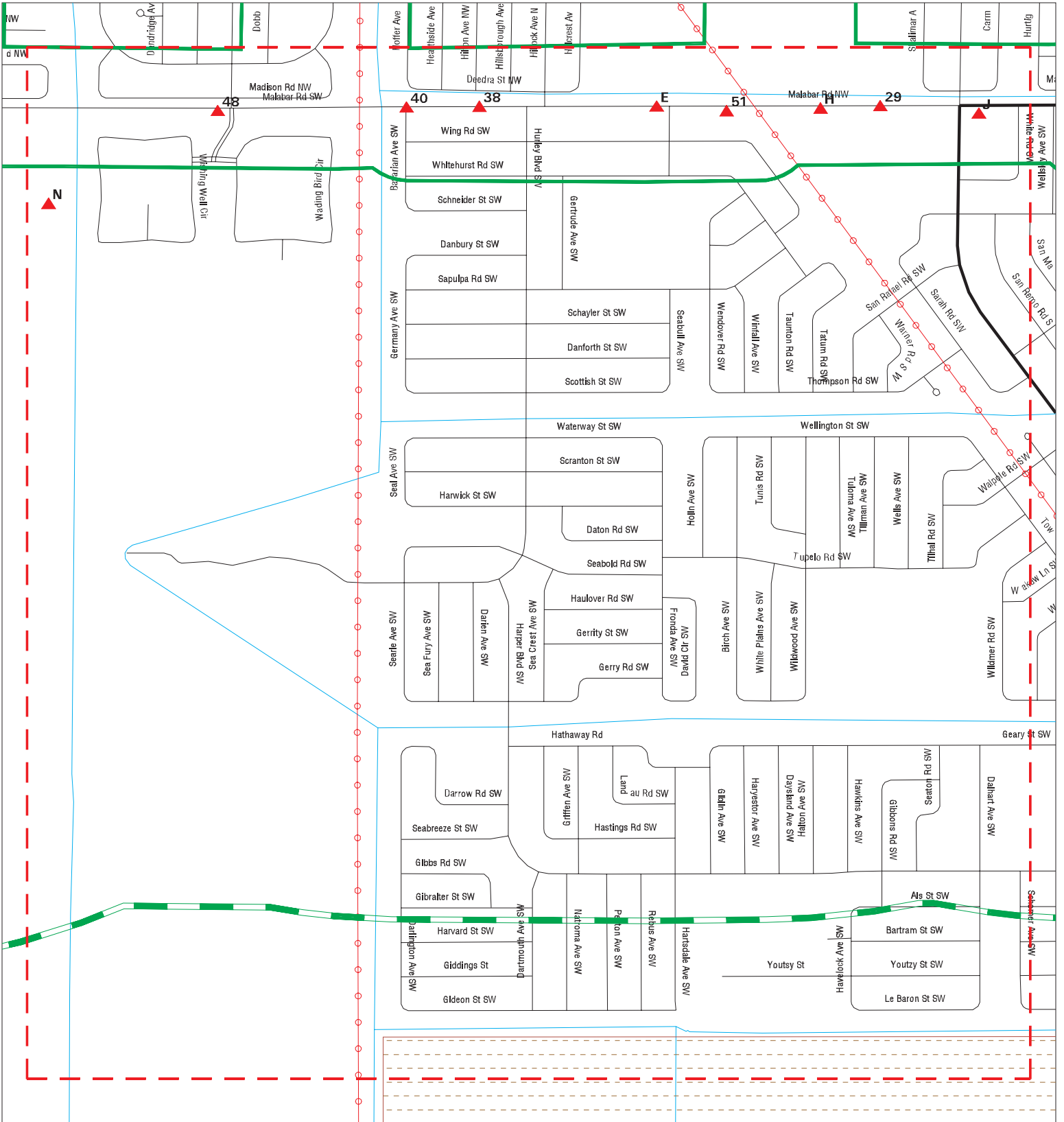
<p>SITE NAME: Malabar Road ADDRESS: 130 Malabar Road CITY/STATE: Palm Bay FL ZIP: 32908</p>	<p>CLIENT: Geotechnical & Env. Cons., Inc CONTACT: Alexis Perry INQUIRY #: 6330026.2s DATE: 01/14/21</p>
--	---

MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
 130 MALABAR ROAD
 PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
15 / 7	PARKSIDE WEST	MALABAR ROAD AT I-95	FINDS, ECHO	TP
30 / 7	PARKSIDE WEST	UNKNOWN	FINDS, ECHO	TP
D31 / 7	PALM BAY REGIONAL PA	1951 NW MALABAR RD	FINDS, ECHO	TP
D32 / 7	PALM BAY REG PARK	1951 NW MALABAR RD (	AST	TP
D33 / 7	FRED POPPE CAMPGROUN	1951 MALABAR RD NW	SPILLS, NPDES	TP
D34 / 7	PALM BAY REG PARK	1951 NW MALABAR RD (	Financial Assurance	TP
D35 / 7	FRED POPPE CAMPGROUN	1951 MALABAR RD NW	FINDS, ECHO	TP
L65 / 7	CHAPARRAL SUBDIVISIO		NPDES	TP
L66 / 7	CHAPARRAL SUBDIVISIO		NPDES	TP
76 / 7	FORMER PLATT PROPERT		DWM CONTAM	769 0.146 South

Focus Map - 8 - 6330026.2s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- FL Brownfield
- National Priority List Sites



SITE NAME: Malabar Road
 ADDRESS: 130 Malabar Road
 CITY/STATE: Palm Bay FL
 ZIP: 32908

CLIENT: Geotechnical & Env. Cons., Inc
 CONTACT: Alexis Perry
 INQUIRY #: 6330026.2s
 DATE: 01/14/21

MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
29 / 8		1000 SW MALABAR ROAD	DEDB	TP
E36 / 8	O'REILY AUTO PARTS -	1165 MALABAR RD	ECHO	TP
E37 / 8	O'REILY AUTO PARTS -	1165 MALABAR RD	FINDS	TP
38 / 8	JONIK ENTERPRISES IN	1378 MALABAR RD	FINDS	TP
40 / 8	BRENTWOOD LAKES	1500 W MALABAR RD (B	FINDS, ECHO	TP
H42 / 8	PALM BAY, CITY OF (C	1050 MALABAR RD	RCRA-VSQQ, LUST, UST, AST, FINDS, ECHO, ...	TP
H43 / 8	CITY OF PALM BAY - P	1050 MALABAR ROAD SO	TIER 2	TP
48 / 8	BRENTWOOD LAKES SOUT	1500 W MALABAR RD (B	NPDES	TP
51 / 8	O'REILY AUTO PARTS -	1165 MALABAR RD	NPDES	TP
H52 / 8	CITY OF PALM BAY PUB	1050 MALABAR RD SW	FINDS, ECHO	TP
E53 / 8	LIL CHAMP FOOD STORE	1196 MALABAR RD SW	UST	TP
J55 / 8	CIRCLE K STORES INC	900 MALABAR RD	FINDS, ECHO	TP
J56 / 8	CIRCLE K #2726513	900 MALABAR RD SW	LUST, UST, ASBESTOS, Financial Assurance...	TP
J57 / 8	CIRCLE K @ SEC MALAB	900 MALABAR RD SW	FINDS, ECHO	TP
J58 / 8	KANGAROO EXPRESS INC	900 MALABAR RD SW	RCRA-VSQQ, FINDS, ECHO	TP
J59 / 8	PANTRY #6513	900 MALABAR RD SW	FINDS	TP
J60 / 8	PANTRY INC	900 MALABAR RD SW	EDR Hist Auto	TP
N73 / 8	MALABAR RD BORROW PI	1650 B MALABAR ROAD	ABANDONED MINES	321 0.061 South
N74 / 8	PRECISION ROCK & DRE		US MINES	422 0.080 South

Focus Map - 9 - 6330026.2s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ Pipe Line
- ▬ National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- FL Brownfield



SITE NAME: Malabar Road
ADDRESS: 130 Malabar Road
CITY/STATE: Palm Bay FL
ZIP: 32908

CLIENT: Geotechnical & Env. Cons., Inc
CONTACT: Alexis Perry
INQUIRY #: 6330026.2s
DATE: 01/14/21

MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

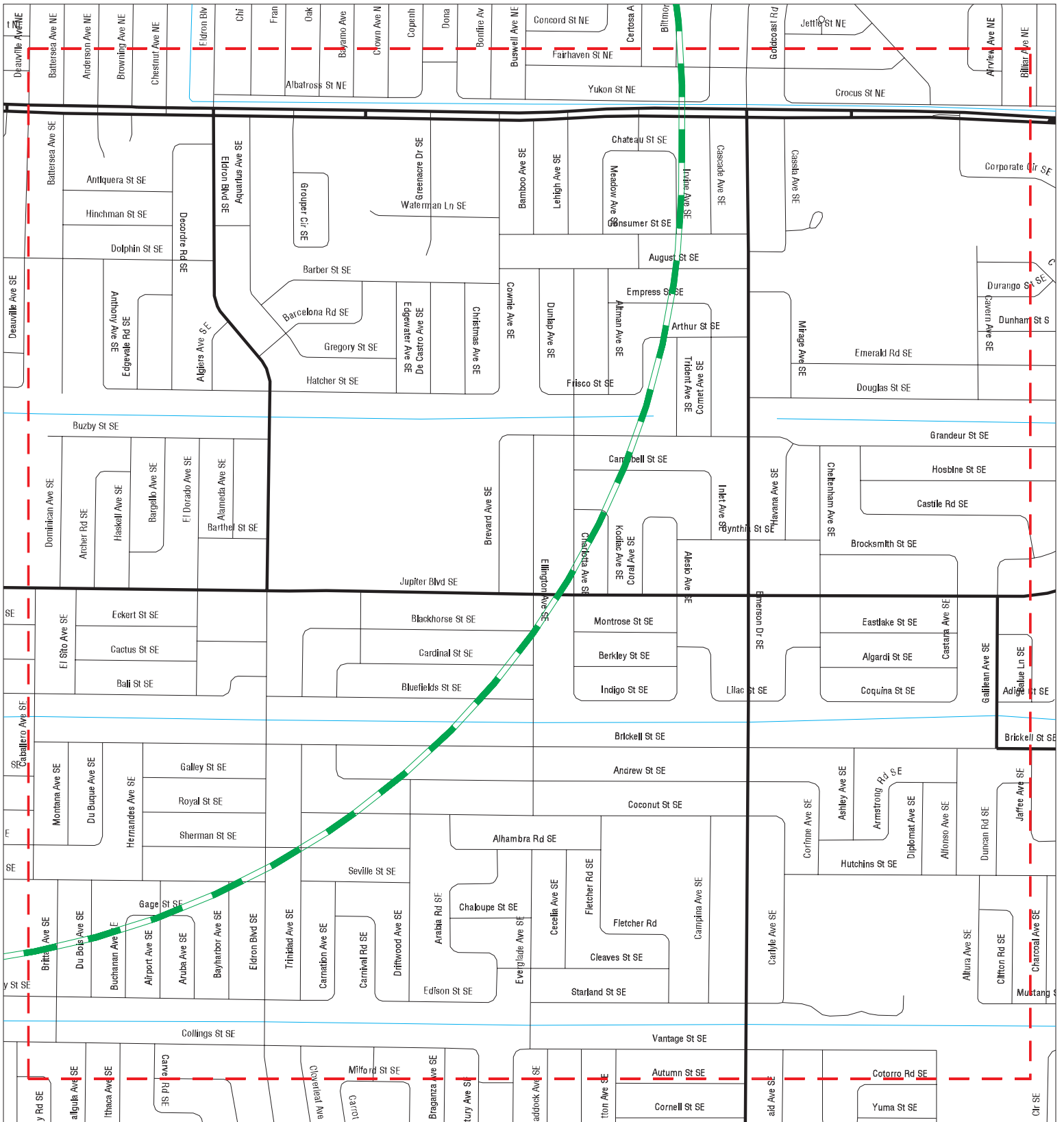
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A1 / 9	LUBRICATION SPECIALI	6369 MINTON RD NW	AST	TP
2 / 9	FOUNDATION COMMERCE	FOUNDATION BLVD	FINDS, ECHO	TP
3 / 9	CITY OF PALM BAY	433 CAPEADOR AVENUE	ASBESTOS	TP
A4 / 9	CUMBERLAND FARMS	6375 MINTON RD NW	NPDES	TP
A5 / 9	PALM BAY CUMBERLAND	6375 MINTON ROAD	ASBESTOS	TP
A6 / 9	PANTRY INC	6375 MINTON RD NE	EDR Hist Auto	TP
A7 / 9	LIL CHAMP FOOD STORE	6375 MINTON RD NE	RGA LUST	TP
A8 / 9	LIL CHAMP #6292	6375 MINTON RD NE	RGA LUST	TP
A9 / 9	KANGAROO EXPRESS INC	6375 MINTON RD NE	RCRA-VSQQ, FINDS, ECHO	TP
A10 / 9		6375 MINTON RD	HMIRS	TP
A11 / 9	CUMBERLAND FARMS	6375 MINTON RD NW	FINDS, ECHO	TP
B12 / 9	MALABAR STRUCTURE	6376 MINTON ROAD	ASBESTOS	TP
13 / 9	DOLLAR GENERAL PALM	UNKNOWN	FINDS, ECHO	TP
B14 / 9	BELLSOUTH - 3E295	SAN FILIPPO #CRN WYO	TIER 2	TP
C16 / 9	BOB YOUTZY LANDCLEAR	201 MALABAR RD NW	AST	TP
B17 / 9	CUMBERLAND FARMS #83	105 MALABAR RD NE	NPDES	TP
B18 / 9	CUMBERLAND FARMS #83	105 MALABAR RD NE	FINDS, ECHO	TP
B19 / 9	CUMBERLAND FARMS	105 MALABAR RD NE	LUST, UST, Financial Assurance	TP
B20 / 9		MALABAR ROAD & MINTO	SPIILLS	TP
C21 / 9	CORAL BAY CENTER	201 NW MALABAR RD	FINDS, ECHO	TP
C22 / 9	R & S SOFTWATER SVCS	190 MALABAR RD UNIT	FINDS	TP
B23 / 9	GRACE CHURCH		NPDES	TP
24 / 9	MALABAR ROAD UTILITY	WEST MALABAR RD & GA	FINDS, ECHO	TP
C25 / 9	WINN-DIXIE STORE #22	190 MALABAR RD SW	AST	TP
C26 / 9	SUN CLEAN DRY CLEANER	190 MALABAR RD SW	EDR Hist Cleaner	TP
C27 / 9	WINN-DIXIE #2230	190 MALABAR RD SW	RCRA-VSQQ, FINDS, ECHO	TP
C28 / 9	WINN-DIXIE STORE #22	190 MALABAR RD SW	Financial Assurance	TP
F39 / 9	PALM BAY, CITY OF	120 MALABAR RD.	FINDS, ECHO	TP
G41 / 9	PALM BAY CITY HALL A	UNKNOWN	FINDS, ECHO	TP
G44 / 9	PALM BAY CITY-PW	100 MALABAR RD SE	AST	TP
45 / 9	THE FALLS OF PALM BA		NPDES	TP
I46 / 9	PALM BAY WEST ACE HA	160 MALABAR RD SW ST	FINDS	TP
I47 / 9	LESLIE'S SWIMMING PO	160 MALABAR RD SW ST	FINDS	TP
49 / 9	INSPIRED LIVING AT P		NPDES	TP
50 / 9	COASTAL BIOSYSTEM IN	270 MALABAR RD SW	RCRA NonGen / NLR, FINDS, ECHO	TP
F54 / 9	MCDONALDS	132 MALABAR ROAD SW	ASBESTOS	TP
F61 / 9	7-ELEVEN FOOD STORE	6405 MINTON RD	LUST, UST, CLEANUP SITES, DWM CONTAM, Fi...	TP
K62 / 9	MALABAR PLAZA	110 & 130 SE GREENAC	FINDS, ECHO	TP
K63 / 9	MALABAR COMMONS		FINDS	TP

MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
 130 MALABAR ROAD
 PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
K64 / 9	MALABAR COVE	MARYWOOD AVE NW & MA	FINDS	TP
M67 / 9	THE FALLS OF PALM BA	UNKNOWN	FINDS, ECHO	TP
M68 / 9	THE FALLS OF PALM BA	UNKNOWN	FINDS, ECHO	TP
M69 / 9	THE FALLS OF PALM BA		FINDS	TP
M70 / 9	THE FALLS PALM BAY	MALABAR RD SW	FINDS, ECHO	TP
G71 / 9	PALM BAY CITY HALL	120 MALABAR RD SE	AST	1 ft.
G72 / 9	PALM BAY CITY-POLICE	130 MALABAR RD SE	UST, AST, SPILLS, Financial Assurance	44 0.008 East

Focus Map - 10 - 6330026.2s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | Pipe Line | FL Brownfield |
| Focus Map - No Sites | National Priority List Sites | |



SITE NAME: Malabar Road
ADDRESS: 130 Malabar Road
CITY/STATE: Palm Bay FL
ZIP: 32908

CLIENT: Geotechnical & Env. Cons., Inc
CONTACT: Alexis Perry
INQUIRY #: 6330026.2s
DATE: 01/14/21

MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
130 MALABAR ROAD
PALM BAY, FL 32908

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

APPENDIX G

FDEP Database List

The FDEP databases used for this study and their common abbreviations are listed below.

- Florida's State Funded Action Sites (SHWS),
- Florida Sites List – (FL Sites),
- State Brownfield Sites Listing (Brownfields),
- Cattle Dip Vats (CDV),
- Ethylene Di-Bromide Database (EDB),
- Dry Cleaners (DRYCLEANERS),
- Priority Cleaners (PRIORITY CLEANERS),
- Dry Cleaning Solvent Program Cleanup Sites (SCRD DRYCLEANERS),
- State & Federal Institutional Controls Registry (ENG CONTROLS),
- State & Federal Institutional Controls Registry (INST CONTROLS),
- Voluntary Cleanup Priority Listing (INDIAN VCP),
- Voluntary Cleanup Sites (VCP),
- Historical Dry Cleaners (EDR HIST CLEANERS),
- Leaking Aboveground Storage Tank Listing (LAST),
- Leaking Underground Storage Tank Listing (LUST),
- Leaking Underground Storage Tanks on Indian Land (INDIAN LUST),
- Underground Storage Tanks on Indian Land (INDIAN UST),
- National Pollution Discharge Elimination System Facilities (NPDES),
- Oil and Hazardous Materials Incidents (SPILLS, SPILLS 80, SPILLS 90),
- Solid Waste Facilities (SWF),
- Underground Storage Tanks (UST),
- Aboveground Storage Tanks (AST),
- Underground Injection Control Wells (UIC),
- Voluntary Cleanup Sites (VCS), and
- NPL and State Funded Waste Cleanup Sites (NPL).

Information regarding the date the databases were last updated are included within the EDR Radius Map Report provided in **Appendix F**. Descriptions of the above-listed Florida databases and information sources are also provided in the EDR report.

APPENDIX H

Federal Database List

Federal databases have been compiled for identifying potential sources of hazardous materials contamination. The databases used for this evaluation include:

- Aerometric Information Retrieval System I Air Facility Subsystem (AIRS),
- Clandestine Drug Laboratory Locations (CDL),
- National Clandestine Laboratory Register (HIST CDL),
- Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS),
- Delisted National Priorities List (DELISTED NPL),
- Comprehensive Environmental Response, Compensation & Liability Information System No Further Remedial Action Planned (CERC-NFRAP),
- Comprehensive Environmental Response, Compensation & Liability Information System Lien Information (LIENS 2),
- Superfund (CERCLA) Consent Decrees (CONSENT),
- Corrective Action Report (CORRACTS),
- Incident and Accident Data (DOT OPS),
- Engineering Controls Site List (US ENG Controls),
- Sites with Institutional Controls (US INST Controls),
- Land Use Control Information System (LUCIS),
- Federal Facility Site Information Listing (Federal Facility),
- Emergency Response Notification System Facility Registry System (ERNS),
- Hazardous Materials Incident Reporting System (HMIRS),
- Open Dump Inventory (ODI),
- Recycling Centers (SWRCY),
- Government Archives LUST (RGA LUST),
- DWM Contaminated Sites (DWM CONTAM),
- Resource Conservation & Recovery Act- Large Quantity Generators (RCRA - LQG),
- Resource Conservation & Recovery Act- Small Quantity Generators (RCRA - SQG),
- Resource Conservation & Recovery Act- Generator Conditionally Exempt Small Quantity Generator Facilities (RCRA-CESQG),
- Resource Conservation & Recovery Act- Non- Generator Facilities (RCRA Non Gen),
- Resource Conservation & Recovery Act- Treatment, Storage & Disposal Facilities (RCRA-TSDF),
- Toxic Substance Control Act Inventory (TSCA),
- Open Dump Inventory On Tribal Lands (INDIAN ODI),
- Indian Reservations (INDIAN RESERV),
- Department Of Defense Sites (DOD),
- Formerly Used Defense Sites (FUDES),
- National Priorities List (NPL),

- Proposed National Priorities List (Proposed NPL),
- National Priorities List Liens (NPL Liens),
- Delisted National Priorities List (Delisted NPL),
- Resource Conservation & Recovery Act-Corrective Action Facilities (CORRACTS), and
- Record of Decision System (ROD).

Information regarding the date the databases were last updated are included within the EDR Radius Map Report provided in **Appendix F**. Descriptions of the above-listed federal databases and information sources are also provided in the EDR report.

APPENDIX I

FDEP OCULUS, Map Direct, and Nexus Portal Information

Site No. 4

Biarritz Disaster Debris Management Site



Florida Department of Environmental Protection
Water Assurance Compliance System
Solid Waste Facility Inventory Report
02/01/2021

Generate Excel Spreadsheet of Current Results

No guarantee as to the accuracy of the information in this database is implied or expressed. While additional information may have been submitted to the Department, manpower and resources are not always available to ensure updates of this information to the database are made in a timely manner. Any specific information missing from the database may be obtained by a file review for the particular facility at the appropriate District office.

For Testsite Data Links:

- I: TestSite Inventory Report
- R: TestSite Result Report
- C: Regulatory Comparison Report

For Detail Links:

- A: Facility Activities
- M: GIS Map on this Facility [*New and Improved]
- D: Documents in OCULUS
- P: PA Permits
- E: Sending Feedback to Address Data Errors

TestSite Date	Detail Links	Facility ID	Facility Name	City	Address	County	District	Class	Class Type	Class Status
I R C	A M D P E	99910	BIARRITZ DMS	PALM BAY	1224-1228 BIARRITZ STREET	BREVARD	CD	DISASTER DEBRIS MANAGEMENT SITE	910	INACTIVE



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: BIARRITZ DMS
On-Site Inspection Start Date: 03/23/2018
On-Site Inspection End Date: 03/23/2018
WACS No.: 99910
Facility Street Address: 1224-1228 BIARRITZ STREET
City: PALM BAY
County Name: BREVARD
Zip: 32907

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Manuel F. Cardona, Inspector
Other Participants: N/A,

INSPECTION TYPE:

Routine Closure Inspection for WPF - Disaster Debris Management Site (DDMS)

COMMENTS:

Department personnel observed that all debris had been removed and there was no evidence of a pollutant release. The Department has not taken nor reviewed any environmental sampling results for this site. In accordance with the Amended Consolidated Emergency Final Order OGC No. 17-0989 (the Order), the Department declares this site to be properly closed as of the date of inspection. Waste materials are no longer authorized to be stored or processed on this site.

Inspection Date: 03/23/2018

Signed:

Manuel F. Cardona _____

Inspector _____

PRINCIPAL INSPECTOR NAME

PRINCIPAL INSPECTOR TITLE



PRINCIPAL INSPECTOR SIGNATURE

DEP _____ 04/17/2018

ORGANIZATION

DATE

N/A _____

REPRESENTATIVE NAME

NO SIGNATURE REQUIRED

REPRESENTATIVE SIGNATURE

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.

Report Approvers:

Approver: Reginald F. Phillips

Inspection Approval Date: 04/17/2018



Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

Sent via email to: karl.dix@ceresenv.com

Date: September 12, 2017

BARNEY WEISS
1050 MALABAR RD
PALM BAY FL 32907

RE: 2017 - Pre-Authorization for Disaster Debris Management Sites (DDMS)

Dear BARNEY WEISS

This is to notify you that on September 12, 2017, the Department of Environmental Protection (the Department) received your request for pre-authorization of a disaster debris management site(s) (DDMS) for 2017. Disaster debris includes hurricane/storm-generated debris and all other types of disaster debris.

The Department has evaluated your request for a DDMS at the following location(s):

Site Name: OSMOSIS DMS-103132
Site Address: 705 OSMOSIS DR SW
Palm Bay, FL, 32908
On-Site Contact: Karl Dix
(813) 333-8393, Karl.dix@ceresenv.com
DEP/Local Program Contact: Brad Whidden, (407)897-4315, dep_cd@dep.state.fl.us

Site Name: BIARRITZ DMS-99910
Site Address: 1224-1228 BIARRITZ STREET
Palm Bay, FL, 32907
On-Site Contact: Ernie Pliscott
(813) 333-8393, ernie.pliscott@ceresenv.com
DEP/Local Program Contact: Brad Whidden, (407)897-4315, dep_cd@dep.state.fl.us

Unless you receive a subsequent notification from the Department concerning the status of these sites, you may consider them pre-authorized as disaster debris management sites.

In the event of a major storm event or other disaster which results in the Department issuing an Emergency Final Order (the Order) for your county, you may begin using a temporary DDMS as necessary, while also requesting issuance of a field authorization from the Department. Once activated, a DDMS is subject to the following conditions, in addition to the requirements of the Order and Florida Statute 403.7071:

1) **The Department must be notified when the site is opened and begins accepting debris, and when the site is closed and all debris has been removed;**

- 2) Standing water must not be allowed to accumulate in or within 50 feet of areas used to store or process disaster debris;
- 3) Access must be controlled to prevent unauthorized dumping and scavenging;
- 4) A DDMS must have spotters to correctly identify and segregate waste types for appropriate management;
- 5) Once the site is open, a spotter must be located in the area where the waste is being deposited in order to spot and remove prohibited waste items;
- 6) A DDMS is limited to managing construction and demolition debris, yard trash, vegetative waste, or Class III waste; any putrescible waste received at the DDMS must be removed within 48 hours; all other types of prohibited waste should be managed in accordance with the guidance document(see link below);
- 7) Unless otherwise approved by the Department in response to a written request from you, the DDMS must cease operation and all disaster debris must be removed from the sites on or before the expiration date of an Order that has been executed by the Department, unless it is modified or extended by further authorization.

The Department has also prepared a guidance document on the establishment, operation, and closure of a DDMS for disaster debris. This guidance document includes recommended practices, which you are expected to follow as much as practicable, as well as additional requirements from the Order. A copy of this guidance document is available on the DEP website

http://www.dep.state.fl.us/mainpage/em/files/debris_guidance.pdf

Site No. 5

City of Palm Bay - Public Works

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD
County: Brevard
Facility ID#: 8518277
Name: Palm Bay City-Public Works
 1050 Malabar Rd
 Palm Bay, FL 32907-6803
Contact: Herb Jones
Phone: 321-536-8378

Type: Local Government
Status: Open
Latitude: 27:59:51.8796
Longitude: 80:41:59.3516
LL Method: DPHO
LL Status: REVIEWED
Status Date: 08//23/2018

Account Owner Information

Name: Palm Bay City
 1050 Malabar Rd
 Attn: Brian Jaquays
 Palm Bay, FL 32907
Phone: 407-952-3400

Effective Date: 05/20/1994
Placard#/Date: 592519 - 07/21/2020

Tank Owner Information

Name: Palm Bay City
 1050 Malabar Rd
 Attn: Brian Jaquays
 Palm Bay, FL 32907
Phone: 407-952-3400

Effective Date: 05/20/1994

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
13	550	Waste Oil		ABOVE	U	D	Y	Y
14	550	New/Lube Oil		ABOVE	U	D	Y	Y
15	275	New/Lube Oil	07/01/1988	ABOVE	U	C K	A B	I
16	15000	Vehicular Diesel	01/01/2010	UNDER	U	F A M N O R	C F J K	F H L 2 4
17	15000	Unleaded Gas	01/01/2010	UNDER	U	F A M N O	C K J F	F H L 2 4

						R		
18	15000	Unleaded Gas	01/01/2010	UNDER	U	F	C	F
						A	F	L
						M	J	H
						N	K	2
						O		4
						R		
1	10000	Leaded Gas	09/01/1984	UNDER	B			
10	275	New/Lube Oil		ABOVE	B			
11	275	New/Lube Oil		ABOVE	B			
12	550	New/Lube Oil		ABOVE	B			
1R1	10000	Vehicular Diesel	11/01/1988	UNDER	B			
2	10000	Unleaded Gas	09/01/1984	UNDER	B			
2R1	10000	Unleaded Gas	11/01/1988	UNDER	B			
3	10000	Vehicular Diesel	09/01/1984	UNDER	B			
3R1	10000	Unleaded Gas	11/01/1988	UNDER	B			
4	2000	Unleaded Gas		UNDER	B			
5	2000	Leaded Gas		UNDER	B			
6	2000	Leaded Gas		UNDER	B			
7	2500	Vehicular Diesel		ABOVE	B			
8	2500	Leaded Gas		UNDER	B			
9	1000	Unleaded Gas		UNDER	B			

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

Most Recent Insurance Document

FR Type	Effective Date	Expiration Date	Company Name
Insurance	04/21/2019	04/21/2020	Commerce & Industry
Insurance	04/21/2018	04/21/2019	Commerce & Industry
Insurance	04/21/2017	04/21/2018	Commerce & Industry
Insurance	04/21/2016	04/21/2017	Commerce & Industry
Insurance	04/21/2015	04/21/2016	Commerce & Industry
Insurance	04/21/2014	04/21/2015	Commerce & Industry
Insurance	04/21/2013	04/21/2014	Commerce & Industry
Insurance	04/21/2011	04/21/2012	Commerce & Industry
Insurance	10/11/2009	10/11/2010	Commerce & Industry
Insurance	10/11/2008	10/11/2009	Commerce & Industry

Open Violations

Insp Date	Viol #	Sig Level	Violation Text
04/06/2006	1058	N	Cannot Detect A New Release From Any Portion Of The System
04/06/2006	1062	B	Release Detection Not Performed At Least Once A Month
04/06/2006	1075	A	Category A & B Systems Do Not Have Release Detection Method
04/06/2006	1077	B	Single Walled Pressurized Piping Does Not Have Mechanical Leak Detectors / Annual Tightness Test, Or Electronic Leak Detector
04/06/2006	1091	N	Problems Found During Visual Inspections Not Noted
04/06/2006	1117	N	Release Detection Devices Not Tested Annually

Discharge Information

Discharge Date	Cleanup Status	Score	Eligibility Info	Site Manager	Phone
02/08/1994	Completed	-	-		
02/02/2010	Completed	41	-	Civil_Mt	(321)633-2017-22

End of Data for Facility #: 8518277

SITE MANAGER SUMMARY REPORT

Facility ID# 058518277
Facility Name: Palm Bay City-Public Works
Facility Address: 1050 Malabar Rd
Palm Bay

Discharge 1

Lead Agency: LP
Score: No Score
Technical Status NREQ

A Discharge Reporting Form was submitted 2/94 in response to evidence of unleaded gasoline vapors discovered by a vapor leak detector. The 2/94 inspection report indicates that this was a vapor release and not an actual contamination discharge. This discharge was subsequently granted Cleanup Not Required status.

LCAR Needed No Eligibility Info
Discharge Date: 2/8/94
Program: No Program
Eligibility Status: No Eligibility Info Available
Determination Date:
Discharge Combined: No
Funding Cap: NA
Deductible Amount: NA
Deductible Paid: NA

AMOUNT SPENT

State Cleanup	\$0
Utility Invoices	\$0
NPDES Permits	\$0
Reimbursement	\$0
Preapproval	\$0
Purchase Order	\$0

CAP AMOUNT REMAINING NA

Discharge 2

Lead Agency: LP
Score: 41
Technical Status SRCO

Tank closure activities were conducted 12/09. Following closure, approximately 8.4 tons of soils in addition to 1 drum of sludge were removed 1/10. A Discharge Reporting Form was submitted 2/10 due to evidence of diesel fuel contamination discovered in soil and groundwater samples taken during tank closure activities. Assessment activities were conducted 9/10. A Limited Scope RAP and Addendum were submitted 9/11, 12/11 and approved 1/12 proposing source removal and dewatering with treatment by air sparging. Dewatering was conducted 8/12 in conjunction with source removal during which approximately 40,000 gallons of groundwater were recovered. Source removal was conducted 8/12 during which approximately 280-420 tons of petroleum impacted soils were removed for land farming. Land farming activities were conducted 8/12 through 1/13. Post Remedial Action Monitoring was conducted 3/13 through 1/14. Discharge was granted Site Rehabilitation Completion status 8/28/14. Well abandonment activities were conducted 5/14.

LCAR Needed No Eligibility Info
 Discharge Date: 2/2/10
 Program: No Program
 Eligibility Status: No Eligibility Info Available
 Determination Date:
 Discharge Combined: No
 Funding Cap: NA
 Deductible Amount: NA
 Deductible Paid: NA

AMOUNT SPENT

State Cleanup	\$0
Utility Invoices	\$0
NPDES Permits	\$0
Reimbursement	\$0
Preapproval	\$0
Purchase Order	\$0

CAP AMOUNT REMAINING NA

SEE ATTACHED STCM REPORT SCREEN

No Preapproval No Prior QA

REVIEWED BY York Risk Services Group, Inc.
REVIEWER Ron Bork
DATE 9/1/15

Task Report Information

Del. #	W.O.#	Co	Facility *	Discharge Date *	Task Name *	Report Type *	Due Date	Received	Status	Date	Comment
		5	8518277	02/02/2010	RA	PRAMQRTL	02/02/2014	02/25/2014	A	03/10/2014	Y1Q2 WITH NFA
		5	8518277	02/02/2010	RA	PRAMQRTL	11/02/2013	10/04/2013	A	10/17/2013	Y1Q1
		5	8518277	02/02/2010	RA	SOURCE RE	05/01/2013	05/01/2013	A	08/02/2013	PARM APPROVI
		5	8518277	02/02/2010	RA	RESPONSE	12/10/2011	12/09/2011	A	12/12/2011	PE CERT FOR L5
		5	8518277	02/02/2010	RA	LSRAP1	09/28/2011	09/28/2011	S	11/10/2011	COMMENTS DUE
		5	8518277	02/02/2010	SA	SARA	01/09/2011		W	09/28/2011	WRNING LTR SE
		5	8518277	02/02/2010	SA	SAR	11/02/2010	10/01/2010	I	11/09/2010	ADDITIONAL AS

Tab to "Comment", then press [Ctrl+E] to enter Comments.

Chapter 62 770 Source Removal Task Information

Facility Name
Discharge Date Tracking Number
Combined With
Discharge: of

Cleanup Responsible	Funding Eligibility Type	Actual Cost	Completion Date	Payment Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="01/15/2013"/>	<input type="text"/>

Source Removal Notification

Oral Date <input type="text"/>	Soil Removal <input checked="" type="checkbox"/>	Soil Treatment <input type="checkbox"/>
Written Date <input type="text"/>	Free Product Removal <input type="checkbox"/>	Other Treatment <input type="text"/>
	Soil Tonnage Removed <input type="text"/>	<input type="text" value="280-420 TONS LINDFARM"/>

Alternative Procedure

Received	Status & Date	Explanation / Comments
<input type="text"/>	<input type="text"/>	<input type="text"/>



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**
BOB MARTINEZ CENTER
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

March 28, 2014

CERTIFIED MAIL #7013 1710 0002 1762 6888
RETURN RECEIPT REQUESTED

Mr. Michael McCabe, P.E.
City of Palm Bay
Department of Public Works
1050 Malabar Road
Palm Bay, FL 32909

Subject: Site Rehabilitation Completion Order
City of Palm Bay – Public Works
1050 Malabar Road
Palm Bay, Brevard County, Florida
FDEP Facility ID# 058518277
Discharge Date: February 2, 2010 (Non-Program)
Discharge Score: 41

Dear Mr. McCabe:

The Brevard County Natural Resources Management Department (NRMD), on behalf of the Florida Department of Environmental Protection (Department), has reviewed a Site Rehabilitation Completion/No Further Action Proposal (SRCR/NFAP) dated January 29, 2014 (received February 25, 2014), prepared and submitted by East Coast Environmental, Inc. for the petroleum product discharge referenced above. Documentation submitted with the SRCR/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. The SRCR/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.

- (1) In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the facility, the Department may require site rehabilitation to reduce concentrations of petroleum products' contaminants of concern to the levels approved in the SRCR/NFAP or otherwise allowed by Chapter 62-780, F.A.C.
- (2) Additionally, you are required to properly abandon all monitoring wells within 60 days of receipt of this Order. The monitoring wells must be plugged and abandoned in accordance with the requirements of Subsection 62-532.500(5), F.A.C.

Legal Issues

The Department's Order shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for an administrative hearing are set forth below.

Persons affected by this Order have the following options:

- (A) If you choose to accept the Department's decision regarding the SRCR/NFAP you do not have to do anything. This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order.
- (B) If you choose to challenge the decision, you may do the following:
 - (1) File a request for an extension of time to file a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for an administrative hearing; or
 - (2) File a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for an Administrative Hearing

For good cause shown, pursuant to Subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for an administrative hearing. Such a request must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from the City of Palm Bay, shall mail a copy of the request to the City of Palm Bay at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for an administrative hearing must be made.

How to File a Petition for an Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from the City of Palm Bay, shall mail a copy of the petition to the City of Palm Bay at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Subsection 120.569(2), F.S. and Rule 28-106.201, F.A.C., a petition for an administrative hearing shall contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the facility owner's name and address, if different from the petitioner; the FDEP facility number, and the name and address of the facility;
- (b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
- (c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order. Timely filing a petition for an administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, 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 of appeal must be filed within 30 days after this Order is filed with the Department's clerk (see below).

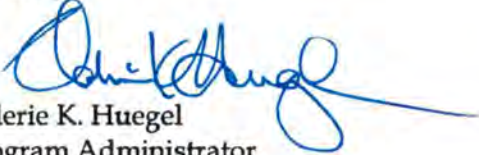
Questions

Any questions regarding the NRMD's review of the SRCR/NFAP should be directed to Maryann T. Civil, P.G. at (321) 633-2017. 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.

Mr. Michael McCabe, P.E.
FDEP Facility ID# 058518277
Page 4
March 28, 2014

The FDEP Facility Number for this facility is 058518277. Please use this identification on all future correspondence with the Department or the NRMD.

Sincerely,



Valerie K. Huegel
Program Administrator
Petroleum Restoration Program

VKH/mtc

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

Janie Diesthorst
Clerk
(or Deputy Clerk)

3-28-14
Date

Attachments

ec: Bret LeRoux, FDEP Central District Office – Bret.LeRoux@dep.state.fl.us
Maryann T. Civil, Brevard County NRMD – maryann.civil@brevardcounty.us
Robert Padden Jr., East coast Environmental – ecepadden@aol.com
Wesley Curtis, St. Johns River Water Management District – wcurtis@sjrwmd.com
FDEP File

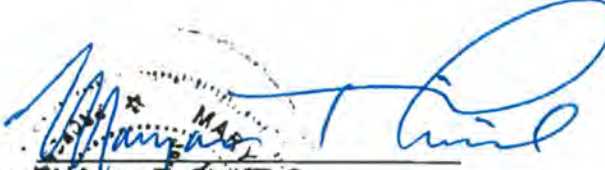
P.G. CERTIFICATION

Site Rehabilitation Completion Report/No Further Action Proposal dated January 29, 2014 (received February 25, 2014), for City of Palm Bay – Public Works, located at 1050 Malabar Road, Palm Bay, FDEP Facility ID# 058518277.

I hereby certify that in my professional judgment, the components of this Site Rehabilitation Completion Report/No Further Action Proposal prepared for the February 2, 2010 petroleum product discharge discovered at the above-referenced facility satisfy the requirements set forth in Chapter 62-780, Florida Administrative Code (F.A.C.), and that the conclusions in this report on the effectiveness of the remedial action source removal which has been conducted (confirmed by subsequent Post Active Remediation Monitoring) provide reasonable assurances that the site rehabilitation objectives stated in Chapter 62-780, F.A.C., have been met.

I personally completed this review.

_____ This review was conducted by _____
working under my direct supervision.


Matthew T. Civil, P.G.
Professional Geologist # 1479
Brevard County NRMD
Date 2-10-14



MW-1

VENT PIPES



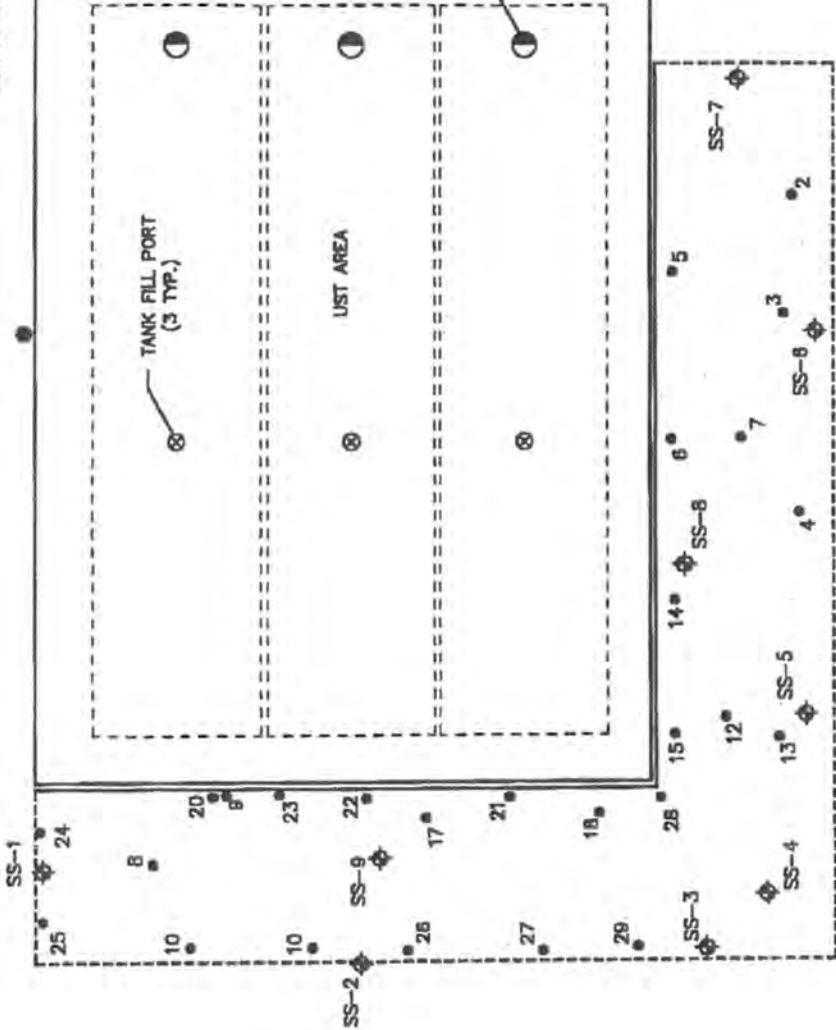
TANK FILL PORT
(3 TYP.)



UST AREA



PUMP SUMP
(3 TYP.)



EXCAVATION
AREA



EAST COAST
ENVIRONMENTAL, INC.

EXCAVATION AND MARGIN SOIL
SAMPLE LOCATIONS

CITY OF PALM BAY PUBLIC WORKS
1050 MALABAR ROAD SW
PALM BAY, FLORIDA

FIG. NO. 05/8518277 FIGURE NO. 3

◆ LABORATORY MARGIN SAMPLE LOCATIONS

● EXCAVATION PIT OVA SOIL SAMPLE LOCATION

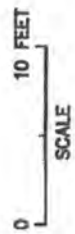


TABLE 2: SOIL ANALYTICAL SUMMARY - VOAs, TRPHs and Metals

Facility ID#: 05/8518277

Facility Name: City of Palm Bay Public Works

Sample ID	Date Collected	Depth to Water (ft)	Sample Interval (ft)	CVA	Laboratory Analysis									
					Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TRPH (mg/kg)	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)
Excavation Margins														
SS-1	8/7/12	>10'	5'	-	0.00055U	0.00040U	0.00048U	0.0012U	0.0013U	8.62	-	-	-	-
SS-2	8/7/12	>10'	5'	-	0.00050U	0.00036U	0.00044U	0.0011U	0.0012U	36.7	-	-	-	-
SS-3	8/7/12	>10'	4'	-	0.00052U	0.00038U	0.00048U	0.0011U	0.0013U	13.5	-	-	-	-
SS-4	8/7/12	>10'	4'	-	0.00060U	0.00043U	0.00052U	0.0013U	0.0014U	8.26	-	-	-	-
SS-5	8/7/12	>10'	4'	-	0.00056U	0.00040U	0.00049U	0.0012U	0.0013U	11.1	-	-	-	-
SS-6	8/7/12	>10'	4'	-	0.00056U	0.00040U	0.00048U	0.0012U	0.0013U	20.8	-	-	-	-
SS-7	8/7/12	>10'	5'	-	0.00053U	0.00038U	0.00046U	0.0011U	0.0013U	11.9	-	-	-	-
SS-8	8/7/12	>10'	7'	-	0.00057U	0.00041U	0.00050U	0.0012U	0.0014U	13.9	-	-	-	-
SS-8	8/7/12	>10'	7'	-	0.00058U	0.00041U	0.00050U	0.0012U	0.014U	12.9	-	-	-	-
Landfarm Confirmatory Samples														
Comp #1	12/27/12	-	-	0	-	-	-	-	-	2.68 U	-	-	-	-
Comp #2	12/27/12	-	-	0	-	-	-	-	-	2.55 U	-	-	-	-
Comp #3	12/27/12	-	-	0	-	-	-	-	-	2.87 U	-	-	-	-
Comp #4	12/27/12	-	-	0	-	-	-	-	-	2.77 U	-	-	-	-
Comp #5	12/27/12	-	-	0	-	-	-	-	-	2.66 U	-	-	-	-
Comp #6	12/27/12	-	-	0	-	-	-	-	-	2.58 U	-	-	-	-
Comp #1B	1/10/13	-	-	0	0.00052 U	0.00037 U	0.00045 U	0.0011 U	0.0012 U	-	-	-	-	-
Comp #2B	1/10/13	-	-	0	0.00051 U	0.00036 U	0.00044 U	0.0011 U	0.0012 U	-	-	-	-	-
Comp #3B	1/10/13	-	-	0	0.00054 U	0.00039 U	0.00047 U	0.0012 U	0.0013 U	-	-	-	-	-
Leachability Based on Groundwater Criteria (mg/kg)				0.007	0.6	0.5	0.2	0.09	340	7.5	38	-	-	-
Direct Exposure Residential (mg/kg)				1.2	1,500	7,500	130	4,400	460	82	210	400	-	-

Notes: NA = Not Available.
 NS = Not Sampled.
 * = Leachability value may be determined using TCLP.
 If an analyte is not detected, report the method detection limit (i.e., 0.01 U or 100(0.01); BDL or <0.01 are not acceptable).

TABLE 3: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

Facility ID#: 05/8518277

Facility Name: City of Palm Bay Public Works

Boring/ Well No.	Sample		Depth to Water (ft)	Sample Interval (ft)	OVA Net OVA Resulting (ppm)	Laboratory Analysis										
	Date Collected	Excavation Margins				1-Methyl- naphthalene (mg/kg)	2-Methyl- naphthalene (mg/kg)	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo[a]perylene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)		
SS-1	8/7/12	>10'	5'		0.032 U	0.028 U	0.032 U	0.036 U	0.030 U	0.019 U	0.028 U	0.043 U	0.028 U	0.027 U	0.027 U	
SS-2	8/7/02	>10'	5'		0.029 U	0.028 U	0.029 U	0.034 U	0.027 U	0.017 U	0.024 U	0.036 U	0.028 U	0.026 U	0.026 U	
SS-3	8/7/02	>10'	4'		0.031 U	0.024 U	0.031 U	0.036 U	0.029 U	0.018 U	0.026 U	0.041 U	0.027 U	0.027 U	0.028 U	
SS-4	8/7/02	>10'	4'		0.035 U	0.028 U	0.035 U	0.041 U	0.033 U	0.021 U	0.029 U	0.047 U	0.031 U	0.030 U	0.030 U	
SS-5	8/7/12	>10'	4'		0.033 U	0.026 U	0.033 U	0.038 U	0.031 U	0.019 U	0.027 U	0.043 U	0.029 U	0.027 U	0.027 U	
SS-6	8/7/12	>10'	4'		0.033 U	0.028 U	0.033 U	0.038 U	0.031 U	0.019 U	0.027 U	0.043 U	0.029 U	0.027 U	0.027 U	
SS-7	8/7/12	>10'	5'		0.031 U	0.025 U	0.031 U	0.036 U	0.029 U	0.018 U	0.025 U	0.041 U	0.028 U	0.028 U	0.028 U	
SS-8	8/7/12	>10'	7'		0.033 U	0.027 U	0.033 U	0.038 U	0.031 U	0.020 U	0.027 U	0.044 U	0.030 U	0.030 U	0.028 U	
SS-9	8/7/12	>10'	7'		0.034 U	0.027 U	0.034 U	0.038 U	0.032 U	0.020 U	0.027 U	0.045 U	0.030 U	0.030 U	0.028 U	
Landfarm Confirmatory Samples																
Comp #1	12/27/12	-	-	-	0	-	-	-	-	-	-	-	-	-	-	
Comp #2	12/27/12	-	-	-	0	-	-	-	-	-	-	-	-	-	-	
Comp #3	12/27/12	-	-	-	0	-	-	-	-	-	-	-	-	-	-	
Comp #4	12/27/12	-	-	-	0	-	-	-	-	-	-	-	-	-	-	
Comp #5	12/27/12	-	-	-	0	-	-	-	-	-	-	-	-	-	-	
Comp #6	12/27/12	-	-	-	0	-	-	-	-	-	-	-	-	-	-	
Comp #1B	1/10/13	-	-	-	0	0.030 U	0.024 U	0.035 U	0.028 U	0.018 U	0.028 U	0.040 U	0.027 U	0.027 U	0.025 U	
Comp #2B	1/10/13	-	-	-	0	0.030 U	0.024 U	0.035 U	0.028 U	0.017 U	0.024 U	0.036 U	0.026 U	0.026 U	0.025 U	
Comp #3B	1/10/13	-	-	-	0	0.032 U	0.026 U	0.037 U	0.030 U	0.019 U	0.028 U	0.042 U	0.028 U	0.027 U	0.027 U	
Leachability Based on Groundwater Criteria (mg/kg)					1.2	3.1	8.5	2.1	27	2,500	32,000	1,200	260	860		
Direct Exposure Residential (mg/kg)					55	200	210	2,400	1,800	21,000	2,500	2,800	2,200	2,400		

Notes:
NA = Not Available.
NS = Not Sampled.

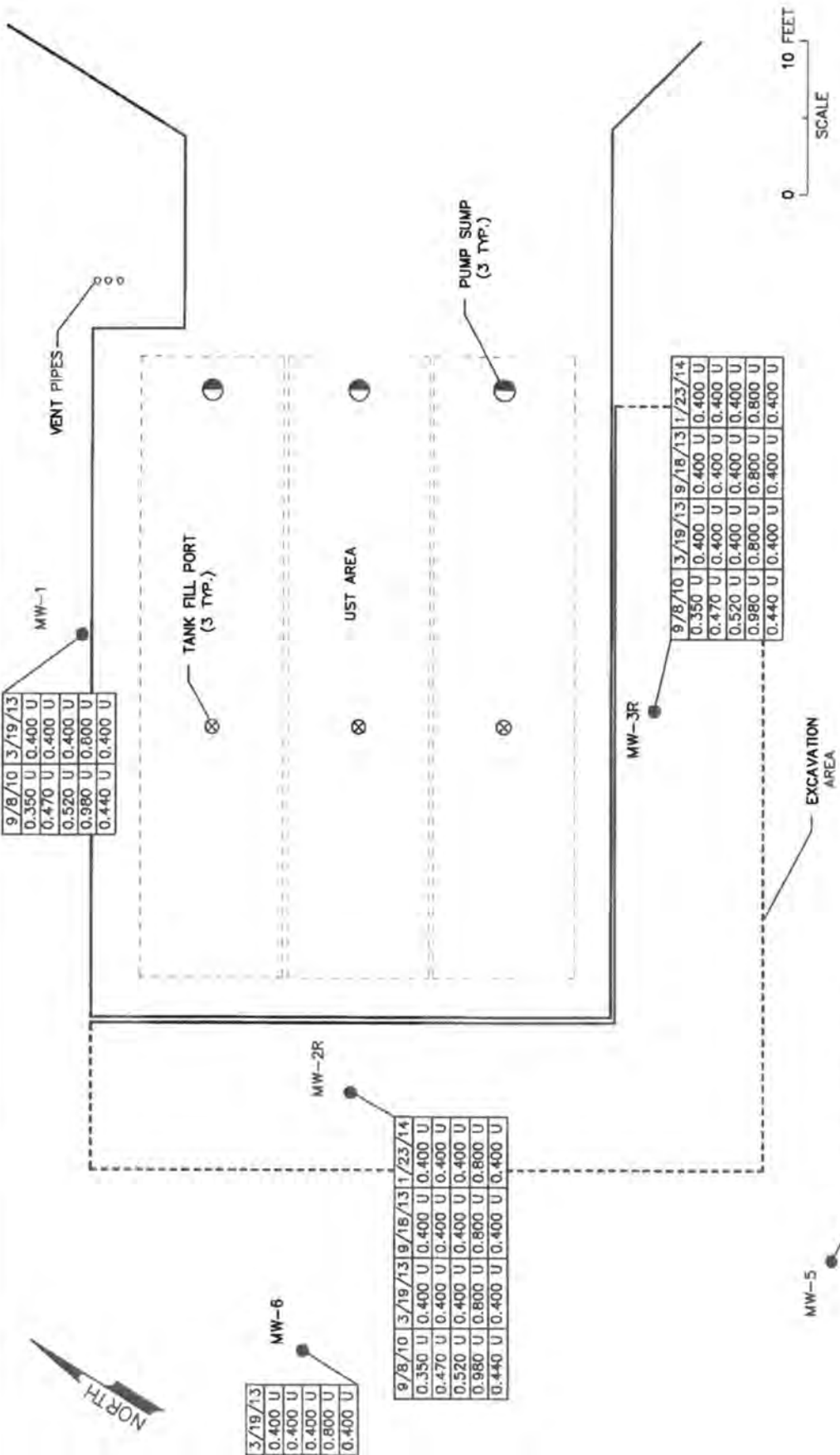
TABLE 4: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

Facility ID#: 05/8518277 Facility Name: City of Palm Bay Public Works

See notes at end of table.

Sample ID	Sample		GVA	Laboratory Analytes								Comments	
	Date Collected	Depth to Water Interval (ft)		Net OVA Breaching (ppm)	Benzene (a) (mg/kg)	Benzene (b) (mg/kg)	Fluorene (mg/kg)	Benzene (c) (mg/kg)	Chrysene (mg/kg)	Dibenz(a,h)anthracene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)		Benz(a)pyrene equivalent (mg/kg)
Excavation Margins													
SS-1	8/7/12	>10'	6'	0.019 U	0.023 U	0.034 U	0.027 U	0.028 U	0.016 U	0.015 U	0.015 U	0.015 U	
SS-2	8/7/02	>10'	9'	0.018 U	0.021 U	0.056 U	0.024 U	0.025 U	0.013 U	0.013 U	0.013 U	0.013 U	
SS-3	8/7/02	>10'	4'	0.018 U	0.022 U	0.081 U	0.025 U	0.026 U	0.014 U	0.014 U	0.014 U	0.014 U	
SS-4	8/7/02	>10'	4'	0.021 U	0.025 U	0.070 U	0.029 U	0.030 U	0.016 U	0.016 U	0.016 U	0.016 U	
SS-5	8/7/12	>10'	4'	0.020 U	0.023 U	0.086 U	0.027 U	0.028 U	0.015 U	0.015 U	0.015 U	0.015 U	
SS-6	8/7/12	>10'	4'	0.020 U	0.023 U	0.065 U	0.027 U	0.028 U	0.015 U	0.015 U	0.015 U	0.015 U	
SS-7	8/7/12	>10'	5'	0.019 U	0.022 U	0.082 U	0.026 U	0.026 U	0.014 U	0.014 U	0.014 U	0.014 U	
SS-8	8/7/12	>10'	7'	0.020 U	0.024 U	0.088 U	0.027 U	0.028 U	0.015 U	0.015 U	0.015 U	0.015 U	
SS-9	8/7/12	>10'	7'	0.020 U	0.024 U	0.087 U	0.028 U	0.029 U	0.015 U	0.015 U	0.015 U	0.015 U	
Landfarm Confirmatory Samples													
Comp #1	12/27/12	-	-	-	-	-	-	-	-	-	-	-	
Comp #2	12/27/12	-	-	-	-	-	-	-	-	-	-	-	
Comp #3	12/27/12	-	-	-	-	-	-	-	-	-	-	-	
Comp #4	12/27/12	-	-	-	-	-	-	-	-	-	-	-	
Comp #5	12/27/12	-	-	-	-	-	-	-	-	-	-	-	
Comp #6	12/27/12	-	-	-	-	-	-	-	-	-	-	-	
Comp #1B	1/10/13	-	-	0.018 U	0.021 U	0.060 U	0.025 U	0.026 U	0.014 U	0.014 U	0.014 U	0.014 U	
Comp #2B	1/10/13	-	-	0.019 U	0.021 U	0.058 U	0.024 U	0.025 U	0.013 U	0.013 U	0.013 U	0.013 U	
Comp #3B	1/10/13	-	-	0.018 U	0.022 U	0.063 U	0.026 U	0.027 U	0.014 U	0.014 U	0.014 U	0.014 U	
Leachability Based on Groundwater Collets (mg/kg)				6	0.6	2.4	24	77	0.7	0.6	0.6	0.6	**
Direct Exposure Hazard (mg/kg)				0.1	#	#	#	#	#	#	#	#	0.1

Notes: NA = Not Available, NS = Not Sampled, # = Direct Exposure value not applicable except as part of the Benz(a)pyrene equivalent.



9/8/10	3/19/13
0.350 U	0.400 U
0.470 U	0.400 U
0.520 U	0.400 U
0.980 U	0.800 U
0.440 U	0.400 U

MW-1

VENT PIPES

TANK FILL PORT
(3 TYP.)

UST AREA

PUMP SUMP
(3 TYP.)

9/8/10	3/19/13	9/18/13	1/23/14
0.350 U	0.400 U	0.400 U	0.400 U
0.470 U	0.400 U	0.400 U	0.400 U
0.520 U	0.400 U	0.400 U	0.400 U
0.980 U	0.800 U	0.800 U	0.800 U
0.440 U	0.400 U	0.400 U	0.400 U

MW-3R

EXCAVATION AREA

3/19/13
0.400 U
0.400 U
0.400 U
0.800 U
0.400 U

MW-4

3/19/13
0.400 U
0.400 U
0.400 U
0.800 U
0.400 U

MW-6

9/8/10	3/19/13	9/18/13	1/23/14
0.350 U	0.400 U	0.400 U	0.400 U
0.470 U	0.400 U	0.400 U	0.400 U
0.520 U	0.400 U	0.400 U	0.400 U
0.980 U	0.800 U	0.800 U	0.800 U
0.440 U	0.400 U	0.400 U	0.400 U

MW-2R

3/19/13	9/18/13	1/23/14
0.400 U	0.400 U	0.400 U
0.400 U	0.400 U	0.400 U
0.800 U	0.800 U	0.800 U
0.400 U	0.400 U	0.400 U

MW-5

MONITORING WELL LOCATION

EAST COAST ENVIRONMENTAL, INC.

DISSOLVED VOA DISTRIBUTION
CITY OF PALM BAY PUBLIC WORKS
1050 MALABAR ROAD SW
PALM BAY, FLORIDA

FAC ID: 05/8518277 FIGURE NO. 4

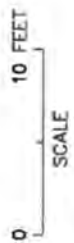


TABLE 2: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs and Metals

Sample		Facility Name: Palm Bay Public Works										-- Not Sampled	
Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total VOAs (µg/L)	MTBE (µg/L)	EDB (µg/L)	1,2-Di- chloro- ethane (µg/L)	Total Arsenic (µg/L)	Total Cadmium (µg/L)	Total Chromium (µg/L)	Total Lead (µg/L)
MW-1	9/8/10	0.350 U	0.470 U	0.520 U	0.980 U	2.32 U	0.440 U	0.010 U	--	--	--	--	0.12 U
	3/19/13	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
MW-2	9/8/10	7.68	0.470 U	0.520 U	7.07	14.75	1.77	0.010 U	--	--	--	--	0.12 U
MW-2R	3/19/13	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
	9/18/13	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
	1/23/14	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
MW-3	9/8/10	12.7	0.470 U	0.520 U	0.980 U	12.7	1.58	0.010 U	--	--	--	--	0.12 U
MW-3R	3/19/13	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
	9/18/13	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
	1/23/14	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
MW-4	3/19/13	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
MW-5	3/19/13	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
	9/18/13	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
	1/23/14	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
MW-6	3/19/13	0.400 U	0.400 U	0.400 U	0.800 U	2.0 U	0.400 U	--	--	--	--	--	--
GCTLs		1**	40**	30**	20**	NA	20	0.02**	3**	10**	5**	100**	15**
NADCS		100	400	300	200	NA	200	2	300	100	50	1,000,000	150

Notes: No data = Blank

NS = Not Sampled.

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCS = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

** = As provided in Chapter 62-550, F.A.C.

TABLE 8: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs and TRPHs

Facility ID#: 05/8518277 Facility Name: Palm Bay Public Works -- = Not Sampled

Sample	TRPHs	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a,h,i)perylene	Fluoranthene	Fluor-antene	Phenanthrene	Pyrene	Benzo(b)pyrene	Benzo(e)anthracene	Benzo(k)fluoranthene	Chry-sene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene
Well ID	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	9/8/10 3/10/13	46 U	0.050 U	0.050 U	0.028 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.015 U	0.025 U	0.0051 U	0.015 U
MW-2	9/8/10 3/10/13	840	2.18	0.211	0.025 U	0.025 U	0.025 U	0.015 U	0.036 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.015 U	0.025 U	0.0051 U	0.015 U
MW-3	9/8/10 3/10/13	528	0.210	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.015 U	0.025 U	0.0051 U	0.015 U
MW-4	3/18/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/18/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/18/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Inf #1	8/5/12	102 U	0.138 U	0.138 U	0.088 U	0.088 U	0.088 U	0.042 U	0.088 U	0.088 U	0.088 U	0.088 U	0.042 U	0.088 U	0.042 U	0.088 U	0.0142 U	0.042 U
EIF #1	8/5/12	46 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.015 U	0.025 U	0.00510U	0.015 U
Inf #2	8/18/12	46 U	0.050 U	0.050 U	0.032 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.015 U	0.025 U	0.00510U	0.015 U
EIF #2	8/16/12	46 U	0.050 U	0.050 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.025 U	0.025 U	0.025 U	0.015 U	0.025 U	0.015 U	0.025 U	0.00510U	0.015 U
GCTLs		5,000	14	28	20	210	2,100	210	280	280	210	210	0.3**	0.05*	0.05*	4.8	0.005*	0.05*
NADCS		50,000	140	280	200	2,100	21,000	2,100	2,800	2,800	2,100	2,100	20	5	50	480	0.5	5

Notes: NA = Not Available.
 NS = Not Sampled.
 GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.
 NADCS = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.
 ** = As provided in Chapter 62-550, F.A.C.



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

Facility Information:

Facility ID:	8518277	County:	BREVARD	Inspection Date:	04/25/2018
Facility Type:	H - Local Government				
Facility Name:	PALM BAY CITY-PUBLIC WORKS			# of Inspected ASTs:	2
	1050 MALABAR RD			USTs:	3
	PALM BAY, FL 32907-6803			Mineral Acid Tanks:	0
Latitude:	27° 59' 51.9591"				
Longitude:	80° 41' 59.2819"				
LL Method:	DPHO				

Inspection Result:

Result: Minor Out of Compliance

Signatures:

TKBVNR - BREVARD COUNTY NATURAL RESOURCES MGMT OFFICE (321) 633-2017

Storage Tank Program Office and Phone Number

Kathryn E West

Herb Jones

Inspector Name

Representative Name

Inspector Signature

Representative Signature

**Principal Inspector
 BREVARD COUNTY NATURAL RESOURCES
 MGMT OFFICE**

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

Financial Responsibility:

Financial Responsibility: INSURANCE

Insurance Carrier: COMMERCE & INDUSTRY

Effective Date: 04/21/2018

Expiration Date: 04/21/2019

Facility ID: 8518277

Findings:

No training certificates are present.

Reviewed Records

Record Category	Record Type	From Date	To Date	Reviewed Record Comment
Two Years	Certificate of Financial Responsibility	04/21/2018	04/25/2018	
Two Years	Repair, Operation and Maintenance Records	04/10/2017	01/10/2018	
Two Years	Monthly Release Detection Results	04/10/2017	04/09/2018	
Two Years	Electronic Release Detection Equip. Monthly Checks	04/21/2017	04/09/2018	

New Violations

Type: Violation
Significance: Minor
Rule: 62-761.500(7)(e)
Violation Text: Overfill protection devices not registered or tested annually.
Explanation: Pursuant to the rule revisions, overfill prevention devices were required to be tested by January 2018 and annually thereafter.
Corrective Action: Please test all of the overfill prevention devices on this system and provide a copy of the test results to this office.

Type: Violation
Significance: Minor
Rule: 62-761.600(4)
Violation Text: Release detection devices not tested annually.
Explanation: The VeederRoot monitoring system and external sensors are required to be tested annually.

Facility ID: 8518277

Corrective Action: Please test the monitoring system and external sensors. Please provide a copy of the test results to this office.

Type: Violation

Significance: Minor

Rule: 62-761.700(3), 62-761.700(3)(a), 62-761.700(3)(a)1., 62-761.700(3)(a)1.a., 62-761.700(3)(a)1.b., 62-761.700(3)(a)1.c., 62-761.700(3)(a)1.d., 62-761.700(3)(a)1.e., 62-761.700(3)(a)1.f., 62-761.700(3)(a)2.

Violation Text: Failure to conduct required periodic containment and interstitial integrity testing.

Explanation: The spill buckets are single-wall buckets and pursuant to the rule revisions were required to be tested for integrity by January 2018, and annually thereafter unless they are double-wall buckets, which are required to be tested every three years.

Corrective Action: Test the spill buckets and provide a copy of the test results to this office.

Inspection Comments

04/25/2018

The facility consist of three 15,000-gallon double-wall storage tanks with single-wall spill buckets. There was some water present in the fills; however, it rained prior to the day of the inspection. The site operator removed the water during the inspection. All of the boots in the STP sumps as well as in the dispenser underliners were recently replaced. The VeederRoot monitoring system was checked and indicates that the RUL 1 SENSOR KEEPS GOING OUT and that there is HIGH WATER IN T2. This may be a probe issue. The monitoring system has not been tested recently, and is cited as a violation, which may resolve the alarms on the system. The facility provided the current insurance, monthly visual inspection reports and the placard was posted.

****Please note the following new rule requirements**:**

1. All overfill protection equipment must be tested for operability annually at intervals not exceeding 12 months to ensure proper operation. Initial operability testing for overfill protection devices shall be conducted by January 11, 2018. Flow restrictors, such as ball float valves, in vent lines may not be installed or replaced for use as overfill protection after January 11, 2017.
2. Periodic testing of storage tank system components shall occur according to the following schedule: A. Single-walled spill buckets - by January 11, 2018, and every 12 months thereafter; B. Piping sumps and dispenser sumps - by October 13, 2018, and every 3 years thereafter; C. Double-walled spill buckets - by October 13, 2018, and every 3 years thereafter.
3. A record or summary of the alarm history, sensor status and testing results shall be printed from the release detection device and kept for 3 years. If the device does not have print capability, then a manual log must be maintained.
4. You must have the required operator training certificates in place by October 13, 2018. Please see the following link for more information:
http://www.dep.state.fl.us/waste/categories/tanks/pages/op_train.htm

Facility ID: 8518277

5. You must perform a visual inspection of all components with electronic monitoring at least once every 6 months and record inspection results. Keep these records for review for the next routine compliance inspection.



Florida Department of Environmental Protection

Contracted Local Program
2725 Judge Fran Jamieson Way
Building A, Room 219
Viera, Florida 32940

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

Thursday, May 10, 2018

Sent via e-mail to: Herb.Jones@palmbayflorida.org

Mr. Herb Jones
City of Palm Bay Public Works
1050 Malabar Road
Palm Bay, Florida 32907

Subject: Chapter(s) 62-761/762, F.A.C., Non-Compliance Letter
Brevard/Indian River Counties – Regulated Storage Tanks
City of Palm Bay – Public Works
Palm Bay, Florida 32907
DEP Facility ID#: 8518277

Dear Mr. Jones:

The Brevard County Natural Resources Management Office is contracted with the Florida Department of Environmental Protection (Department) to conduct the Storage Tank System Compliance Verification Program for facilities located in Brevard and Indian River Counties. On April 25, 2018 a compliance verification inspection was conducted at the above referenced facility. A copy of the inspection report is enclosed for your review.

During the inspection and file review, potential non-compliance items were noted. The purpose of this letter is to offer compliance assistance as a means of resolving this matter.

Specifically, potential non-compliance with the requirements of Chapter 376 and 403, Florida Statutes, and Chapter 62-761 or 62-762, Florida Administrative Code (Fla. Admin. Code) was observed. Please see the attached inspection report for a full account of County observations and recommendations.

We request you review the item(s) of concern and respond in writing within 15 days of receipt of this Compliance Assistance Offer. Your written response should include one of the following:

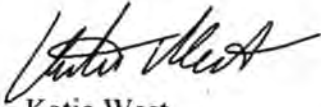
1. Describe what has been done to resolve the non-compliance issue(s) or provide a schedule describing how/when the remaining issues will be addressed.
2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid.
3. Or, arrange for the inspector to visit your facility to discuss the item(s) of concern.

Brevard/Indian River Counties – Regulated Storage Tanks
City of Palm Bay – Public Works
DEP Facility IDs#: 8518277

It is the Department's desire that you are able to adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings.

If you have any questions please contact me by phone at 321-633-2017, extension 12 or by email at Katie.West@brevardfl.gov.

Sincerely,



Katie West
Environmental Specialist
Brevard County Natural Resources Management Department

Enclosure: April 25, 2018 Routine Storage Tank Compliance Inspection Report



Florida Department of Environmental Protection

Hazardous Waste Facilities Search Results

Selection Criteria for This Handler Search:

EPAID: FLD982077737

For Facility Data Links:

[Activities](#) -- provides a list of RCRA compliance activities and violations.

[Mapping in GIS](#) -- this opens a **[NEW IMPROVED]** GIS mapping tool focused on the facility.

[Documents](#) -- this provides a list of electronic documents available online.

[Error Reporting](#) -- send us feedback to address data errors.

[County Verification](#) -- County or RPC verification of Facility and Waste for this site.

For a Generator Status History:

click on the [Status](#). - **NNOT** indicates a facility is a Non-Notifier and may not have been issued the associated EPAID - **Check with DEP before using that EPAID!**

[Legend of Status Types](#)

EPA ID	Name	County	Address	Contact	Status	As of	Data Links
FLD982077737	Palm Bay, City Of	Brevard	1050 Malabar Rd Palm Bay, FL 32907	Gary Carter 4077277100	CES	6/14/2012	A M D E C

Search has retrieved 1 Facilities

Legend of Status Types:

LQG - Large Quantity Generator

SQG - Small Quantity Generator

CES - Conditionally Exempt Small Quantity Generator

UOT - Used Oil Transporter

TRA - Hazardous Waste Transporter

TSD - Treatment/Storage/Disposal Facility

CLO - Closed

NHR - Non-Handler of Hazardous Waste



Florida Department of Environmental Protection

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

July 23, 2012

Electronic Mail

cadyj@palmbayflorida.org

Mr. John Cady
Fleet Services Division Manager
Public Works Department
1050 Malabar Rd SW
Palm Bay, Florida 32907

OCD-HW-12-245

Brevard County
Palm Bay Public Works Department
Compliance Evaluation Inspection

Dear Mr. Cady:

A hazardous waste and used oil compliance inspection was conducted at your facility on June 14, 2012. The inspection was conducted under the authority of Section 403.091, Florida Statutes (Fla. Stat.) and Chapter 403, Part IV, Fla. Stat. and is designed to determine the compliance status of your facility with Title 40 Code of Federal Regulations (CFR) Parts 260 – 268 and 279. The provisions of 40 CFR Parts 260 through 268 and 279 have been adopted by reference as the state hazardous waste and used oil rules in Chapters 62-730 and 62-710, Fla. Admin. Code, respectively.

Your facility was inspected as a Conditionally Exempt Small Quantity generator of hazardous waste and a generator of used oil. No violations were found during this inspection. An inspection report is attached for your records.

If you have any questions, please contact me at 407/897-4305 or electronically at john.white@dep.state.fl.us.

Sincerely,

John White, Environmental Specialist
Hazardous Waste Program

jw



Florida Department of
Environmental Protection
Hazardous Waste Inspection Report

FACILITY INFORMATION:

Facility Name: Palm Bay, City Of

On-Site Inspection Start Date: 06/14/2012 **On-Site Inspection End Date:** 06/14/2012

ME ID#: 34712 **EPA ID#:** FLD982077737

Facility Street Address: 1050 Malabar Rd, Palm Bay, Florida 32907-0000

Contact Mailing Address: 1050 Malabar Rd, Palm Bay, Florida 32907-0000

County Name: Brevard **Contact Phone:** (407) 727-7100

NOTIFIED AS:

SQG (100-1000 kg/month)

INSPECTION TYPE:

Routine Inspection for CESQG (<100 kg/month) facility

Routine Inspection for Used Oil facility

INSPECTION PARTICIPANTS:

Principal Inspector: John White, Environmental Specialist

Other Participants: John Cady, Fleet Services Division Manager; Herb Jones, Fleet Services Supervisor

LATITUDE / LONGITUDE: Lat 27° 59' 53.2724" / Long 80° 42' 2.7115"

SIC CODE:

TYPE OF OWNERSHIP: Municipal

Introduction:

On June 14, 2012, John White, Florida Department of Environmental Protection (FDEP), inspected City of Palm Bay Fleet Services Division, for compliance with state and federal hazardous waste and used oil regulations. The City of Palm Bay Fleet Services Division, located at 1050 Malabar Rd, Palm Bay, Brevard County, was represented by John Cady, Fleet Services Division Manager, and Herb Jones, Fleet Services Supervisor. Operating hours for the City of Palm Bay offices are Monday through Friday 7:00 AM to 5:00 PM.

The City of Palm Bay notified as a small quantity generator of hazardous waste and received EPA identification number FLD982077737 on March 29, 1989. This is the initial inspection of this facility by the FDEP Hazardous Waste Program.

Process Description:

The City of Palm Bay Fleet Services Division services approximately six hundred fifty cars, trucks, trailers, and off-road vehicles operated by the City.

Rolling used oil caddies were labeled "Waste Oil" and not "Used Oil." It was suggested the facility correct the labeling of these containers.

Used oil accumulates in a 500-gallon aboveground storage tank. The tank sits within secondary containment and was properly labeled "Used Oil."

One parts washer is located within the shop. The parts washer, which contains about five gallons of mineral spirits, is serviced by Safety Kleen.

Inspection Date 06/14/2017

managed by Royal Battery. Used oil and used oil filters are managed by Space Coast Oil.

No violations were noted during this inspection.

Conclusion:

The City of Palm Bay Fleet Services Division was inspected as a conditionally exempt small quantity generator of hazardous waste and as a used oil generator and was in compliance at the time of this inspection.

Inspection Date 06/14/2012

Signed:

A hazardous waste compliance inspection was conducted on this date, to determine your facility's compliance with applicable portions of Chapters 403 & 376, F.S., and Chapters 62-710, 62-730, 62-737, & 62-740 Florida Administrative Code (F.A.C.). Portions of the United States Environmental Protection Agency's Title 40 Code of Federal Regulations (C.F.R.) 260 - 279 have been adopted by reference in the state rules under Chapters 62-730 and 62-710, F.A.C. The above noted potential items of non-compliance were identified by the inspector(s).

This is not a formal enforcement action and may not be a complete listing of all items of non-compliance discovered during the inspection.

John White

PRINCIPAL INSPECTOR NAME

Environmental Specialist

PRINCIPAL INSPECTOR TITLE

FDEP

ORGANIZATION

Supervisor: Janine Kraemer

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Potential Violations" or areas of concern.

Site No. 6

Circle K #2726513

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD
County: Brevard
Facility ID#: 8732741
Name: Circle K #2726513
 900 Malabar Rd Sw
 Palm Bay, FL 32907-6800
Contact: Graham Biggs
Phone: 919-774-6700

Type: Retail Station
Status: Open
Latitude: 27:59:55.7977
Longitude: 80:41:47.2093
LL Method: DPHO
LL Status: REVIEWED
Status Date: 03//05/2020

Account Owner Information

Name: Circle K Stores Inc
 1100 Situs Ct #100
 Attn: Storage Tank Regis
 Raleigh, NC 27606-4295
Phone: 919-774-6700

Effective Date: 01/07/2016
Placard#/Date: 580504 - 06/09/2020

Tank Owner Information

Name: Circle K Stores Inc
 1100 Situs Ct #100
 Attn: Storage Tank Regis
 Raleigh, NC 27606-4295
Phone: 919-774-6700

Effective Date: 01/07/2016

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
7	20000	Vehicular Diesel	02/14/2020	UNDER	U	N	F	K
						R	K	F
						O	J	H
						L	C	3
						F		4
8	20000	Unleaded Gas	02/14/2020	UNDER	U	M	K	2
						N	C	4
						F	J	F
						O	F	K
						R		H
9	20000	Unleaded Gas	02/14/2020	UNDER	U	F	J	K
						N	C	4
						R	F	F

O	K	3
L		H
M		2

1	6000	Unleaded Gas	05/01/1987	UNDER	B
2	10000	Unleaded Gas	05/01/1987	UNDER	B
3	10000	Unleaded Gas	05/01/1987	UNDER	B
4	6000	Vehicular Diesel	05/01/1987	UNDER	B
5	16000	Unleaded Gas	06/01/2010	UNDER	B
6	16000	Unleaded Gas	06/01/2010	UNDER	B

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

Most Recent Insurance Document

FR Type	Effective Date	Expiration Date	Company Name
Insurance	12/01/2019	12/01/2020	Ironshore Specialty Insurance
Insurance	12/01/2019	12/01/2020	Navigators Specialty Insurance
Insurance	12/01/2018	12/01/2019	Ironshore Specialty Insurance
Insurance	12/01/2017	12/01/2018	Ironshore Specialty Insurance
Insurance	12/01/2016	12/01/2017	Ironshore Specialty Insurance
Insurance	12/01/2015	12/01/2016	Ironshore Specialty Insurance
Insurance	12/01/2013	12/01/2016	Ironshore Specialty Insurance
Insurance	11/01/2014	11/01/2015	Ironshore Specialty Insurance
Insurance	11/01/2013	11/01/2014	Ironshore Specialty Insurance
Insurance	11/01/2012	11/01/2013	Ironshore Specialty Insurance
Insurance	11/01/2011	11/01/2012	Ironshore Specialty Insurance
Insurance	11/01/2010	11/01/2011	Endurance American Specialty I
Insurance	11/01/2009	11/01/2010	Endurance American Specialty I
Insurance	11/01/2008	11/01/2009	Endurance American Specialty I

No OPEN violations found!

Discharge Information

Discharge Date	Cleanup Status	Score	Eligibility Info	Site Manager	Phone
04/07/1993	Completed	40	Petroleum Liability And Restoration Insurance Program-Eligible	Divers_D	(321)350-8432
02/15/2005	Completed	36	-	Civil_Mt	(321)633-

End of Data for Facility #: 8732741



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottekamp
Lt. Governor

Mimi A. Drew
Secretary

12/15/2010

Brent Puzak, Director of Environmental Compliance
Kangaroo Express Inc #6513
PO Box 8019
Cary, NC 27512-8019

The Florida Department of Environmental Protection has reviewed your form 8700-12FL notification for a new hazardous waste DEP/EPA Identification Number or status/information change. Based on the information received you must use the following identification number for all manifests or reports for **Kangaroo Express Inc #6513** located at **900 Malabar Rd SW, Palm Bay , FL32907-6801**

FLD984192237

Your facility notified FDEP requesting the following hazardous waste status/activities which **do not require a separate submission: Conditionally Exempt SQG.**

Your facility is **currently registered** for the following activities: **None.**

Your facility is **currently permitted** as: **No Active Hazardous Waste Treatment, Storage, or Disposal Permit.**

If you have pending program registrations/certifications or permits, these will be mailed separately. You are required to notify us on form 8700-12FL if there is any change in your operations which would affect your status, activity or contact information. The form is found here:

<http://www.dep.state.fl.us/waste/categories/hwRegulation/pages/NotificationRegulatedWaste.htm>.

To review the details of your status, visit:

http://appprod.dep.state.fl.us/www_RCRA/Reports/handler_results.asp?epaid=FLD984192237.

For further assistance, please e-mail a Notification Coordinator at EPOST_HWreg@dep.state.fl.us or call us at (850)245-8707.

Sincerely,

Glen Perrigan
Environmental Manager
Hazardous Waste Regulation Section

ME ID: 55723 , Email Address: brentp@thepantry.com



Florida Department of Environmental Protection

Hazardous Waste Facilities Search Results

Selection Criteria for This Handler Search:

EPAID: FLD984192237

For Facility Data Links:

Activities -- provides a list of RCRA compliance activities and violations.

Mapping in GIS -- this opens a **[NEW IMPROVED]** GIS mapping tool focused on the facility.

Documents -- this provides a list of electronic documents available online.

Error Reporting -- send us feedback to address data errors.

County Verification -- County or RPC verification of Facility and Waste for this site.

For a Generator Status History:

click on the **Status**. - **NNOT** indicates a facility is a Non-Notifier and may not have been issued the associated EPAID - **Check with DEP before using that EPAID!**

[Legend of Status Types](#)

EPA ID	Name	County	Address	Contact	Status	As of	Data Links
FLD984192237	Kangaroo Express Inc #6513	Brevard	900 Malabar Rd SW Palm Bay, FL 32907	Brent Puzak 9197746700	CES	12/7/2010	A M D E

Search has retrieved 1 Facilities

Legend of Status Types:

LQG - Large Quantity Generator

SQG - Small Quantity Generator

CES - Conditionally Exempt Small Quantity Generator

UOT - Used Oil Transporter

TRA - Hazardous Waste Transporter

TSD - Treatment/Storage/Disposal Facility

CLO - Closed

NHR - Non-Handler of Hazardous Waste



Department of Environmental Protection

Jeb Bush
Governor

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

David B. Struhs
Secretary

SEP 27 2002

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Sandy Metz
The Pantry, Inc.
8930 Western Way # 4
Jacksonville, FL 32256

Subject: Site Rehabilitation Completion Order
Lil' Champ Store No. 513
900 Malabar Road SW
Palm Bay, Brevard County
FDEP Facility ID# 058732741
Discharge Date: April 7, 1993 (PLRIP)

Dear Ms. Metz:

Brevard County Natural Resources Management Office (BCNRMO) has reviewed the Initial Site Assessment Report (ISAR) Addendum and No Further Action Proposal (NFAP) dated April 4, 2002 (received April 8, 2002), and the Monitoring Well Abandonment Report dated September 6, 2002 (received September 10, 2002), prepared and submitted by Environmental Consulting & Technology, Inc. for this site. Documentation submitted with the NFAP confirms that criteria set forth in Rule 62-770.680(1), Florida Administrative Code (F.A.C.), have been met. The 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 site for petroleum product contamination associated with the discharge listed above, except as set forth below.

In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the site, the Department of Environmental Protection (Department) may require site rehabilitation to reduce concentrations of petroleum products' contaminants of concern to the levels approved in the NFAP or otherwise allowed by Chapter 62-770, F.A.C.

time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Section 120.54(5)(b)4.a., F.S., and Rule 28-106.201, F.A.C., a petition for administrative hearing shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the name, address, and telephone number of the petitioner's representative, if any, the site owner's name and address, if different from the petitioner, the FDEP facility number, and the name and address of the facility;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective as of the date on the top of the first page of this Order. Timely filing a petition for administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an order responding to supplemental information provided pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, 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 of appeal must be filed within 30 days after this Order is filed with the clerk of the Department (see below).

The FDEP Facility Number for this site is 058732741. Please use this identification on all future correspondence with the Department or BCNRMO.



P.E. CERTIFICATION


No Further Action Proposal for:

Lil' Champ Store No. 513 (a.k.a. The Pantry, Inc. 6513 / Sprint No. 513)
900 Malabar Road SW
Palm Bay, Brevard County, Florida
FDEP Facility ID# 058732741

I hereby certify that in my professional judgment, the components of this No Further Action Proposal satisfy the requirements set forth in Chapter 62-770, Florida Administrative Code (F.A.C.), and that the conclusions in this report provide reasonable assurances that the objectives stated in Chapter 62-770, F.A.C., have been met.

X I personally completed this review.

_____ This review was conducted by _____
working under my direct supervision.

A circular professional engineer seal for the State of Florida. The outer ring contains the text "STATE OF FLORIDA" at the top and "PROFESSIONAL ENGINEER" at the bottom. The inner ring contains "P.E. CERTIFICATE" and "NO. 54093". In the center, there is a signature "John C. Swanson" and the text "John C. Swanson, P.E. Professional Engineer #54093". Below the signature is a line for "Date".



Florida Department of Environmental Protection

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

September 22, 2011

CERTIFIED MAIL #7011 1150 0001 1398 6730
RETURN RECEIPT REQUESTED

Mr. Brent Puzak
The Pantry, Inc.
1801 Douglas Drive
Cary, NC 27512

Subject: Site Rehabilitation Completion Order
The Pantry #6513 (DBA Kangaroo Express #6513)
900 Malabar Road
Palm Bay, Brevard County
FDEP Facility ID# 058732741
Discharge Date: February 15, 2005 (Non-program)

Dear Mr. Puzak:

The Brevard County Natural Resource Management Office (NRMO), on behalf of the Florida Department of Environmental Protection (Department), has reviewed the Post Active Remediation Monitoring Report (PARMR) and No Further Action Proposal (NFAP) dated July 26, 2011 (received July 28, 2011), prepared and submitted by Terra-Com Environmental Consulting, Inc. for the petroleum product discharge referenced above. Documentation submitted with the PARMR/NFAP confirms that criteria set forth in Subsection 62-770.680(1), Florida Administrative Code (F.A.C.), have been met. Please refer to the attached map of the source property and analytical summary tables. The PARMR/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.

- (1) In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the facility, the Department may require site rehabilitation to reduce concentrations of petroleum products' contaminants of

concern to the levels approved in the PARMR/NFAP or otherwise allowed by Chapter 62-770, F.A.C.

- (2) Additionally, you are required to properly abandon all monitoring wells, except compliance wells utilized to meet the release detection requirements of Chapter 62-761 or 62-770, F.A.C., within 50 days of receipt of this Order. The monitoring wells must be plugged and abandoned in accordance with the requirements of Subsection 62-532.500(5), F.A.C.

Legal Issues

The Department's Order shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for an administrative hearing are set forth below.

Persons affected by this Order have the following options:

- (A) If you choose to accept the Department's decision regarding the PARMR/NFAP you do not have to do anything. This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order.
- (B) If you choose to challenge the decision, you may do the following:
 - (1) File a request for an extension of time to file a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for an administrative hearing; or
 - (2) File a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for an Administrative Hearing

For good cause shown, pursuant to Subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for an administrative

hearing. Such a request must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from The Pantry, Inc., shall mail a copy of the request to The Pantry, Inc. at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for an administrative hearing must be made.

How to File a Petition for an Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from The Pantry, Inc., shall mail a copy of the petition to The Pantry, Inc. at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Subsection 120.569(2), F.S. and Rule 28-106.201, F.A.C., a petition for an administrative hearing shall contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the facility owner's name and address, if different from the petitioner; the FDEP facility number, and the name and address of the facility;
- (b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
- (c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;

- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order. Timely filing a petition for an administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, 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 of appeal must be filed within 30 days after this Order is filed with the Department's clerk (see below).

Questions

Any questions regarding NRMO's review of your PARMR/NFAP should be directed to Maryann T. Civil at (321) 633-2017. 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.

Mr. Brent Puzak
FDEP Facility ID# 058732741
Page 5
September 22, 2011

The FDEP Facility Number for this facility is 058732741. Please use this identification on all future correspondence with the Department or NRMO.

Sincerely,



Robert C. Brown, P.E.
Chief, Bureau of Petroleum Storage Systems

RCB/mtc

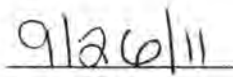
Attachments

ec: Bret LeRoux, FDEP Central District Office - bret.leroux@dep.state.fl.us
Maryann T. Civil, P.G., Brevard County NRMO -
maryann.civil@brevardcounty.us
Peter Murch, Terra-Com - pmurch@terra-comenv.com
Warren Zwanka, SJRWMD - wzwanka@sjrwmd.com
cc: FDEP File

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



Clerk
(or Deputy Clerk)



Date

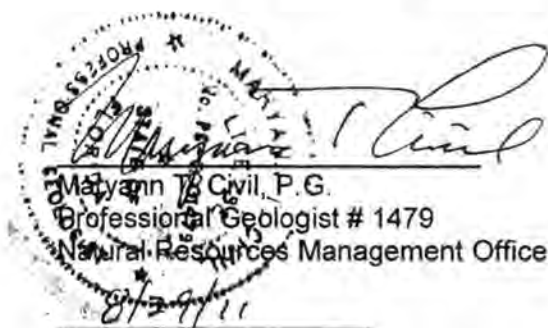
P.G. CERTIFICATION

Post Active Remediation Monitoring Report (PARMR) with a No Further Action Proposal dated July 26, 2011 (received July 28, 2011, for The Pantry #6513, located at 900 Malabar Road, Palm Bay, Brevard County, FDEP Facility ID# 058732741.

I hereby certify that in my professional judgment, the components of this PARMR with a No Further Action Proposal prepared for the discharge date February 15, 2005 petroleum product discharge discovered at the above-referenced facility satisfy the requirements set forth in Chapter 62-770, Florida Administrative Code (F.A.C.), and that the conclusions in this report provide reasonable assurances that the site rehabilitation objectives stated in Chapter 62-770, F.A.C., have been met.

I personally completed this review.

This review was conducted by _____
working under my direct supervision.



Date

CONTAMINANT CONCENTRATIONS (ug/L)

SAMPLE ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES	MTBE
XX						
XX						
XX						
XX						
XX						

NS = NOT SAMPLED

"I" = DENOTES THAT THE REPORTED VALUE IS BETWEEN THE METHOD DETECTION LIMIT (MDL) & THE PRACTICAL QUANTIFICATION LIMIT (PQL).

"U" = DENOTES THAT THE ANALYTE WAS NOT PRESENT AT THE LIMIT OF DETECTION SHOWN.

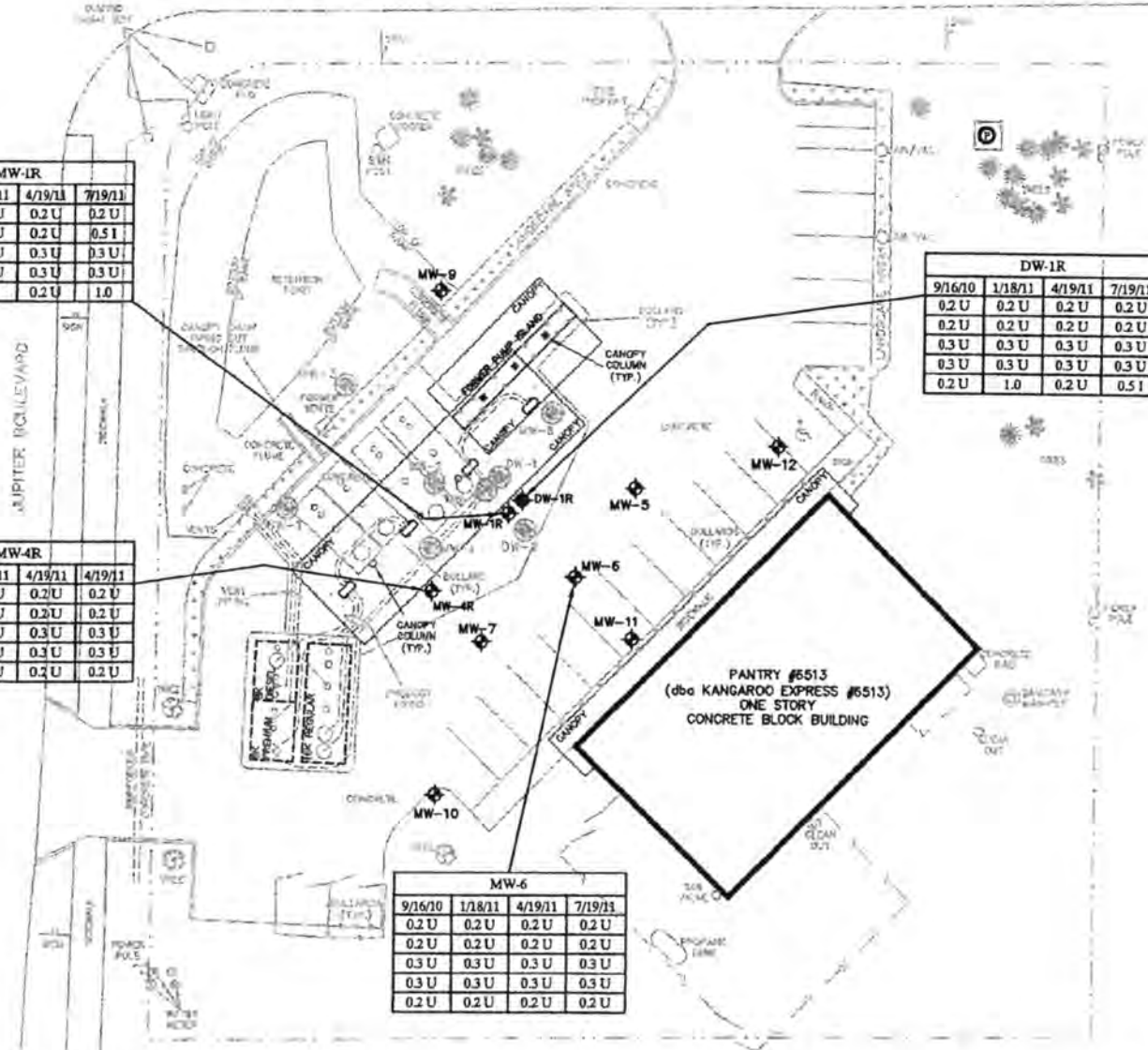
MALABAR ROAD

MW-1R			
9/16/10	1/18/11	4/19/11	7/19/11
0.2 U	0.2 U	0.2 U	0.2 U
0.2 U	0.2 U	0.2 U	0.5 I
0.3 U	0.3 U	0.3 U	0.3 U
0.3 U	0.3 U	0.3 U	0.3 U
0.2 U	2.1	0.2 U	1.0

DW-1R			
9/16/10	1/18/11	4/19/11	7/19/11
0.2 U	0.2 U	0.2 U	0.2 U
0.2 U	0.2 U	0.2 U	0.2 U
0.3 U	0.3 U	0.3 U	0.3 U
0.3 U	0.3 U	0.3 U	0.3 U
0.2 U	1.0	0.2 U	0.5 I

MW-4R			
9/16/10	1/18/11	4/19/11	4/19/11
0.2 U	0.2 U	0.2 U	0.2 U
0.2 U	0.2 U	0.2 U	0.2 U
0.3 U	0.3 U	0.3 U	0.3 U
0.3 U	0.3 U	0.3 U	0.3 U
0.2 U	0.2 U	0.2 U	0.2 U

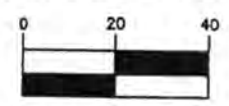
MW-6			
9/16/10	1/18/11	4/19/11	7/19/11
0.2 U	0.2 U	0.2 U	0.2 U
0.2 U	0.2 U	0.2 U	0.2 U
0.3 U	0.3 U	0.3 U	0.3 U
0.3 U	0.3 U	0.3 U	0.3 U
0.2 U	0.2 U	0.2 U	0.2 U



LEGEND

- PROPERTY BOUNDARY
- - - CHAIN LINK FENCE
- WOODEN FENCE
- ⊙ ABANDONED WELL
- ⊕ COMPLIANCE WELL
- ⊕ MONITORING WELL
- ⊕ DEEP MONITORING WELL
- ⊕ POTABLE WELL

GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.

Figure 3 - Groundwater Analytical Data Summary

TERRA-COM

Environmental Consulting, Inc.



Pantry #6513 (dba Kangaroo Express #6513)
900 Malabar Road Southwest, Palm Bay, Florida

FDEP# 05/8732741

2010-0235/2011.7.QPRMR/FIG3-GADS.dwg

TABLE 2: GROUNDWATER ANALYTICAL DATA SUMMARY

Analytical Results are in parts per billion or micrograms per liter (unless otherwise noted)

Facility Name: Pantry # 6513 (dba Kangaroo Express # 6513)

Facility ID: 058732741

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TRPH (mg/L)	Naphthalene	1-methyl-naphthalene	2-methyl-naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Lead	EDB
	GC-TE: 1	40	30	30	20	20	5	14	28	28	210	20	280	15	0
	NADCa	100	400	300	200	200	500	140	280	280	2100	200	2800	150	2
CW-1	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	<5	NA
	1/26/1994	<1	<1	<1	<2	<1	NA	NA	NA	NA	NA	NA	NR	NA	NA
CW-2	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	<5	NA
	1/26/1994	<1	<1	<1	<2	<1	NA	<10	NA	NA	NA	NA	NR	<5	NA
CW-3	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	25	NA
	1/26/1994	<1	<1	<1	<2	<1	NA	<10	NA	NA	NA	NA	NR	NA	NA
CW-4	3/15/1993	38.8	<1	3.9	<1	<1	<1	<5	<5	<5	<5	DNA	NR	NA	NA
	6/2/1993	763	15	72	47	16	1.32	31	<10	12	<10	DNA	NR	7	NA
	1/26/1994	640*	34	80	102	5	NA	31	12	7	NA	NA	NR	NA	NA
MW-1 (Emcon)	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	23	NA
	1/26/1994	<1	<1	<1	<2	<1	NA	<10	NA	NA	NA	NA	NR	NA	NA
	10/30/2001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	DNA	NR	BDL	BDL
MW-2 (Emcon)	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	68	NA
	1/26/1994	<1	<1	<1	<2	<1	NA	<10	NA	NA	NA	NA	NR	189	NA
	10/30/2001	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NR	NS	NS
MW-3 (Emcon)	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	<5	NA
	1/26/1994	<1	<1	<1	<2	<1	NA	<10	NA	NA	NA	NA	NR	NA	NA
	10/30/2001	BDL	BDL	BDL	BDL	7.7	BDL	BDL	BDL	BDL	BDL	BDL	NR	BDL	BDL
MW-4 (Emcon)	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	77	NA
	1/26/1994	<1	<1	<1	<2	<1	NA	<10	NA	NA	NA	NA	NR	52	NA
	10/30/2001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NR	BDL	BDL
MW-5 (Emcon)	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	21	NA
	1/26/1994	<1	<1	<1	<2	<1	NA	<10	NA	NA	NA	NA	NR	NS	NS
	10/30/2001	BDL	BDL	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	BDL	NR	NS	NS
MW-6 (Emcon)	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	NS	NS
	1/26/1994	<1	<1	<1	<2	<1	NA	<10	NA	NA	NA	NA	NR	NS	NS
	10/30/2001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NR	NS	NS
MW-7 (Emcon)	6/2/1993	<1	<1	<1	<2	<1	<1	<10	NA	NA	NA	NA	NR	NS	NS
	1/26/1994	<1	<1	<1	<2	<1	NA	<10	NA	NA	NA	NA	NR	NS	NS
	10/30/2001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NR	NS	NS
MW-1 (SEI)	4/20/2005	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP
	10/1/2005	3530	8900	898	9530	4170	16000	1150	178	357	NI	NI	NR	-8.7	<0.0036
	9/13/2006	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP
	3/30/2008	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP
	6/26/2008	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP
MW-1R	9/15/2010	0.2 U	0.3 U	0.3 U	0.3 U	0.2 U	0.2 U	0.15 U	0.71 U	0.63 U	0.56 U	0.68 U	0.17 U	NA	NA
	1/19/2011	0.2 U	0.3 U	0.3 U	0.3 U	2.1	NA	0.15 U	0.71 U	0.63 U	0.56 U	0.68 U	0.17 U	NA	NA
	4/19/2011	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.56 U	0.68 U	0.17 U	NA	NA
	7/19/2011	0.2 U	0.5 U	0.3 U	0.3 U	1	NA	0.15 U	0.71 U	0.63 U	0.56 U	0.68 U	0.17 U	NA	NA

TABLE 2: GROUNDWATER ANALYTICAL DATA SUMMARY

Analytical Results are in parts per billion or micrograms per liter (unless otherwise noted)

Facility Name: Pantry # 6513 (dba Kangaroo Express # 6513)

Facility ID: 058732741

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TRPH (mg/L)	Naphthalene	1-methyl-naphthalene	2-methyl-naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Lead	EDB
MW-2 (SEI) <i>destroyed</i>	GC/Ls:	1	40	30	20	20	5	14	28	28	210	280	150		
	NA/PCs	100	400	300	200	200	600	140	280	280	2100	2800	180		
	4/20/2005	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP		
	10/31/2005	610	11700	1180	7880	5820	15800	1410	191	461	NI	NI	NR	-6.7	<0.0035
	9/13/2006	4800	4000	1200	5600	870	NA	570	160	140	130	140	NR	NA	NA
	4/20/2005	<0.143	<0.142	<0.201	<0.220	<0.235	<18	<0.101	<0.133	<0.210	<0.210	NI	NR	9.49	<0.0035
	9/13/2006	<0.3 U	<0.4 U	<0.4 U	<0.6 U	<0.6 U	NA	<0.15 U	<0.12 U	<0.17 U	<0.15 U	<0.35 U	NR	NA	NA
	12/13/2007	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	1.9	0.21 U	0.21 U	0.19 U	0.20 U	0.12 U	NA	NA
	3/20/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.22 U	0.12 U	NA	NA
	6/26/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.22 U	0.12 U	NA	NA
9/25/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.22 U	0.12 U	NA	NA	
1/22/2009	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.14 U	0.13 U	0.11 U	0.11 U	0.35 U	0.11 U	NA	NA	
4/23/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.11 U	0.35 U	0.11 U	NA	NA	
7/23/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.11 U	0.35 U	0.11 U	NA	NA	
10/22/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.11 U	0.35 U	0.11 U	NA	NA	
9/16/2010	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	NA	0.15 U	0.13 U	0.11 U	0.11 U	0.35 U	0.11 U	NA	NA	
MW-4 (SEI)	4/20/2005	188	47.7	1.39	4.49	59.1	102	<0.101	<0.133	<0.210	NI	NR	17.8	<0.0035	
	9/13/2006	3160 L	60	400	1600	NA	NA	22	6.7	20	<0.15 U	<0.35 U	NA	NA	
	7/12/2008	680	72	77	230	3.0 U	NA	13	7.0	2.9	13	0.12 U	NA	NA	
MW-4R	9/16/2010	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.13 U	0.71 U	0.63 U	0.58 U	0.17 U	NA	NA	
	1/18/2011	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.58 U	0.17 U	NA	NA	
	4/19/2011	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.58 U	0.17 U	NA	NA	
	7/19/2011	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.58 U	0.17 U	NA	NA	
MW-5 (SEI)	8/22/2005	<0.143	<0.142	<0.201	<0.220	<0.236	<18	<0.101	<0.133	<0.210	NI	NR	10.2	<0.0035	
	9/13/2006	43	<0.4 U	<0.4 U	<0.6 U	<0.6 U	NA	<0.15 U	<0.12 U	<0.17 U	<0.15 U	<0.17 U	NA	NA	
	12/13/2007	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	4.2	0.21 U	0.19 U	2.2	0.12 U	NA	NA	
	3/20/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.12 U	NA	NA	
	6/26/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.12 U	NA	NA	
	9/25/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.12 U	NA	NA	
	1/22/2009	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.11 U	NA	NA	
	4/23/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.11 U	NA	NA	
	7/23/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.11 U	NA	NA	
	10/22/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.11 U	NA	NA	
	9/16/2010	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.58 U	0.17 U	NA	NA	
MW-6 (SEI)	8/22/2005	<0.143	<0.142	<0.201	<0.220	<0.236	<16	<0.101	<0.133	<0.210	NI	NR	5.37	<0.0035	
	9/13/2006	35	<0.4 U	<0.4 U	<0.6 U	<0.6 U	NA	NS	NS	NS	NS	NR	NA	NA	
	7/12/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.12 U	NA	NA	
	9/16/2010	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.58 U	0.17 U	NA	NA	
	1/18/2011	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.58 U	0.17 U	NA	NA	
	4/19/2011	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.58 U	0.17 U	NA	NA	
	7/19/2011	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.58 U	0.17 U	NA	NA	

TABLE 2: GROUNDWATER ANALYTICAL DATA SUMMARY

Analytical Results are in parts per billion or micrograms per liter (unless otherwise noted)

Facility Name: Pantry # 6513 (dba Kangaroo Express # 6513)

Facility ID: 056732741

Sample Location	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TPPH (mg/L)	Naphthalene	1-methyl-naphthalene	2-methyl-naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Lead	EDB
		1	40	30	20	20	5	14	28	28	210	20	280	15	0
		GCTLS:													
MW-7 (SE)	8/22/2005	100	400	300	200	200	500	140	280	280	2100	200	2890	150	2
	9/13/2006	<0.143	<0.142	<0.201	<0.220	<0.236	<18	<0.101	<0.133	<0.210	NI	NI	NR	10.2	<0.0036
	12/13/2007	6.7	<0.4 U	<0.4 U	<0.6 U	<0.6 U	NA	<0.15 U	<0.17 U	<0.17 U	<0.15 U	<0.35 U	NR	NA	NA
	3/20/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	2.9	0.21 U	0.19 U	1.5	0.22 U	0.12 U	NA	NA
	9/25/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.22 U	0.12 U	NA	NA
	1/22/2009	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.22 U	0.12 U	NA	NA
	4/23/2009	0.8 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.18 U	0.11 U	NA	NA
	7/23/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.18 U	0.11 U	NA	NA
	10/22/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.18 U	0.11 U	NA	NA
	9/16/2010	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.15 U	0.14 U	0.083 U	0.58 U	0.68 U	0.17 U	NA	NA
	1/25/2006	<0.143	0.21	<0.201	1.86	4.92	580	7.9	9.1	8.73	NI	NI	NR	<3.7	<0.147
	9/13/2006	<0.3 U	<0.4 U	<0.4 U	<0.6 U	6.9	NA	12	<0.12 U	<0.17 U	<0.17 U	7.8	<0.35 U	NR	NA
	12/13/2007	0.3 U	0.2 U	0.2 U	0.3 U	0.3 U	NA	85	0.86 U	0.19 U	0.19 U	23	1.4	NA	NA
3/20/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.22 U	0.12 U	NA	NA	
6/26/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.22 U	0.12 U	NA	NA	
9/25/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.20 U	0.22 U	0.12 U	NA	NA	
1/22/2009	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	1.11	0.13 U	0.11 U	1.61	0.18 U	0.11 U	NA	NA	
4/23/2009	0.8 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.18 U	0.11 U	NA	NA	
7/23/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.18 U	0.11 U	NA	NA	
10/22/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.18 U	0.11 U	NA	NA	
8/13/2006	<0.3 U	<0.4 U	<0.4 U	<0.6 U	<0.6 U	<0.6 U	NA	<0.15 U	<0.12 U	<0.17 U	<0.18 U	<0.35 U	NR	NA	
12/12/2008	<0.3 U	<0.4 U	<0.4 U	<0.6 U	<0.6 U	NS	NS	<0.16 U	<0.23 U	<0.12 U	<0.18 U	<0.26 U	NR	NA	
12/12/2008	<0.3 U	<0.4 U	<0.4 U	<0.6 U	<0.6 U	NS	NS	<0.16 U	<0.23 U	<0.12 U	<0.18 U	<0.26 U	NR	NA	
12/12/2008	<0.3 U	<0.4 U	<0.4 U	<0.6 U	<0.6 U	NS	NS	<0.16 U	<0.23 U	<0.12 U	<0.18 U	<0.26 U	NR	NA	
12/13/2007	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	<0.16 U	<0.16 U	<0.12 U	<0.12 U	<0.16 U	<0.26 U	NR	NA	
3/20/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.19 U	0.20 U	0.12 U	NA	NA	
9/25/2008	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.19 U	0.20 U	0.12 U	NA	NA	
1/22/2009	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	NA	0.18 U	0.21 U	0.19 U	0.19 U	0.20 U	0.12 U	NA	NA	
4/23/2009	0.8 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.18 U	0.11 U	NA	NA	
7/23/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.18 U	0.11 U	NA	NA	
10/22/2009	0.6 U	0.9 U	0.6 U	0.6 U	0.4 U	NA	0.14 U	0.13 U	0.11 U	0.35 U	0.18 U	0.11 U	NA	NA	
12/12/2008	<0.3 U	<0.4 U	<0.4 U	<0.6 U	<0.6 U	NS	NS	<0.16 U	<0.23 U	<0.12 U	<0.18 U	<0.26 U	NR	NS	
DW-1	9/13/2006	390 L	100	120	680 L	9.8	NA	81	15	40	10	12	NR	NA	
	6/26/2006	170	6.5	61	140	10	NA	32	12	18	15	0.44 U	NR	NA	
DW-1R	9/18/2010	0.2 U	0.2 U	0.3 U	0.2 U	1.2	0.2 U	0.18 U	0.71 U	0.63 U	0.56 U	0.68 U	0.17 U	NA	
	1/18/2011	0.2 U	0.2 U	0.3 U	0.3 U	1.0	NA	0.15 U	0.71 U	0.63 U	0.68 U	0.17 U	NA		
	4/19/2011	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.68 U	0.17 U	NA		
	7/19/2011	0.2 U	0.2 U	0.3 U	0.3 U	0.2 U	NA	0.15 U	0.71 U	0.63 U	0.68 U	0.17 U	NA		

TABLE 2: GROUNDWATER ANALYTICAL DATA SUMMARY

Facility Name: Panty # 6513 (dba Kangaroo Express # 6513) Analytical Results are in parts per billion or micrograms per liter (unless otherwise noted)

Facility ID: 058732741

Location	Sample	Date	Benzene		Toluene		Ethylbenzene		Total Xylenes		MTBE		TriPH (Imp/L)		Methylolene		1-methyl-naphthalene		2-methyl-naphthalene		Acenaphthylene		Acenaphthene		Fluorene		Lead		EDB			
			1	48	1	48	30	30	20	20	500	5	14	28	28	216	216	280	280	280	280	280	280	280	280	15	15	0	0			
DWA-2	12/12/2006	MA004	100	480	480	480	300	300	200	200	500	500	140	140	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	
	12/12/2007		0.3 U	<0.4 U	<0.4 U	<0.4 U	0.2 U	0.2 U	0.3 U	0.3 U	MS	MS	0.22 U	0.22 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	
	3/20/2008		180	9.2	0.1	0.1	0.1	0.1	0.3 U	0.3 U	MS	MS	5.1	5.1	2.4	2.4	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	
	5/9/2008		0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.3 U	280	280	2.4	2.4	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	
	6/16/2008		0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.3 U	NA	NA	1.8 U	1.8 U	2.1 U	2.1 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	
	8/25/2008		0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.3 U	NA	NA	0.18 U	0.18 U	0.21 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	
	1/22/2009		0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.3 U	NA	NA	0.14 U	0.14 U	0.13 U	0.13 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	
	4/23/2009		0.8 U	0.9 U	0.9 U	0.9 U	0.8 U	0.8 U	0.4 U	0.4 U	NA	NA	0.14 U	0.14 U	0.13 U	0.13 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	
	7/23/2009		0.8 U	0.9 U	0.9 U	0.9 U	0.8 U	0.8 U	0.4 U	0.4 U	NA	NA	0.14 U	0.14 U	0.13 U	0.13 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
	10/22/2009		0.5 U	0.9 U	0.9 U	0.9 U	0.6 U	0.6 U	0.6 U	0.6 U	NA	NA	0.14 U	0.14 U	0.13 U	0.13 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CMW	9/13/2006		<0.3 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.15 U	<0.15 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	
	10/20/2001		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	
RW-1	7/30/2002		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	

U = The analyte was not present at the limit of detection shown
 L = The analyte was reported above the calibration curve
 NA = Not Analyzed
 MS = Not Sampled
 NR = Not Reported
 CW = Compliance Wet
 MW = Monitoring Wet
 BDL = Below Detectable Limit
 *analyzed at 1.10 micron

Sources: J.A. Jones Environmental Services, 1998; ECT Environmental Consulting & Technology, Inc. 2001; TERRA-COM 2006, 2008 - 2011



ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

5602 Thompson Center Court, Suite 405
Tampa, FL 33634
Telephone 813-889-8960
www.atcgroupservices.com

Mr. Chris Ulrich
Brevard County Natural Resources Management Department
2725 Judge Fran Jamieson Way, Bldg A, Suite 219
Viera, Florida 32940
Chris.ulrich@brevardfl.gov

November 12, 2019
Project #0752840115

RE: Underground Storage Tank Closure Assessment Report
Circle K #2726513
900 Malabar Road
Palm Bay, Brevard County, Florida
FDEP Facility ID #058732741

Dear Mr. Ulrich:

ATC Group Services, LLC., (ATC) is pleased to submit the assessment results for the closure of the underground storage tank (UST) system at the above referenced facility. Two 16,000 gallon USTs, four multi-product dispensers and associated product lines were removed from the facility. A site map is provided as **Figure 1**. This report documents the results of the soil assessment associated with the closure of the UST system. The sampling activities were performed accordance with the Instructions for Conducting Sampling During Underground Storage Tank Closure, July 2019, and Chapter 62-761 (amended 7-09-19) of the Florida Administrative Code (FAC). The UST system was removed by Ismael's Petroleum, LLC. (Pollutant Storage Systems Contractor License No. PCC1256857).

UST Closure Assessment

On October 16, 2019, ATC installed 11 soil borings during the closure of the UST system. Soil samples were collected at each boring location and placed into clean glass jars for OVA headspace analysis. Soil headspace analyses was conducted using a Mini Rai 3000 PID, in accordance with the methods described in Chapter 62-780.200(15), F.A.C. The OVA was calibrated with 100 parts per million (ppm) isobutylene calibration gas. Instrument calibration documentation is provided in **Appendix A**. Positive OVA results (OVA results greater than 10 ppm) were not detected in any of the vadose zone soil samples. The sample locations are depicted on **Figure 1** and the results of the screening activities are included on **Table 1**.

Soil samples were collected within the vadose zone at each potential source area. Soil sample SB-2 at 3 feet bls was collected from the spill bucket containment sump in the UST area. Soil boring SB-11 at 2 feet was collected from the product lines and SB-7 through SB-10 were collected from the product dispensers. The soil samples were analyzed for benzene, toluene, ethyl benzene, total xylenes and methyl tert-butyl ether (BTEX/MTBE) by EPA Method 8260, polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270 and total recoverable petroleum hydrocarbons (TRPH) by the Florida Petroleum Range Organic Method (FL-PRO). The soil laboratory analytical results revealed all contaminant concentrations were either below the laboratory detection limits or below the Soil Cleanup Target Levels (SCTLs) for Leachability Based on Groundwater Criteria listed in Chapter 62-777, FAC. The laboratory analytical data is presented in **Appendix B** and summarized in **Table 2**.

On October 16, 2019, ATC installed one temporary monitoring well in the UST area. The well was installed to a depth of 7 feet and was constructed with five feet of 2-inch diameter, schedule 40 PVC, 0.01-inch slotted well screen and five feet of 2-inch diameter riser. A 20/30 silica sand pack was installed around the well. A groundwater sample was collected in accordance with the FDEP Standard Operating Procedures for Field Activities. The groundwater sample was stored on ice and shipped overnight to Pace Analytical in Mt. Juliet, Tennessee. Instrument calibration documentation and groundwater sampling are provided in **Appendix A**.

The collected groundwater sample was analyzed for the presence of dissolved hydrocarbons by EPA Method 8260 (BTEX/MTBE), 8270 (PAHs) and FL-PRO. The groundwater analytical results are summarized on **Table 3** and revealed all contaminant concentrations were either below the laboratory detection limits or below the Groundwater Cleanup Target Levels (GCTLs) established under Chapter 62-777, FAC. A copy of the groundwater laboratory analytical report is presented in **Appendix B**.

Recommendations

Based on the soil and groundwater analytical results, ATC recommends no further assessment for the closure of the UST system.

If you have any questions or comments concerning this closure assessment report, please contact me at your earliest convenience.

Sincerely,
ATC Group Services, LLC



Scott S. Patterson, PG
Senior Project Manager
Florida License #1939

C: Brent Puzak – Circle K Stores Inc

FIGURE

TABLES

TABLE 1: OVA SOIL SCREENING RESULTS

Circle K 2726513
900 Malabar Road
Palm Bay, Florida
Facility ID #058732741
ATC Project #0752840115

Boring				Net Reading (ppm)	Comments
Date	Sample	Location	Depth in Feet		
10/16/2019	SB-1	Spill Bucket	1	0	
			2	0	
			3	0	
10/16/2019	SB-2	Spill Bucket	1	0	
			2	0	
			3	0	<i>Sample for Lab</i>
10/16/2019	SB-3	UST	1	0	
			2	0	
			3	0	
			4	0	
			5	0	
			6	0	<i>Saturated</i>
10/16/2019	SB-4	UST	1	0	
			2	0	
			3	0	
			4	0	
			5	0	
			6	0	<i>Saturated</i>
10/16/2019	SB-5	UST	1	0	
			2	0	
			3	0	
			4	0	
			5	0	
			6	0	<i>Saturated</i>
10/16/2019	SB-6	UST	1	0	
			2	0	
			3	0	
			4	0	
			5	0	
			6	0	<i>Saturated</i>
10/16/2019	SB-7	Dispenser	1	0	
			2	0	
			3	0	
			4	0	<i>Sample for Lab</i>
10/16/2019	SB-8	Dispenser	2	0	
			2	0	
			3	0	
			4	0	<i>Sample for Lab</i>

TABLE 1: OVA SOIL SCREENING RESULTS

**Circle K 2726513
 900 Malabar Road
 Palm Bay, Florida
 Facility ID #058732741
 ATC Project #0752840115**

Boring					
Date	Sample	Location	Depth in Feet	Net Reading (ppm)	Comments
10/16/2019	SB-9	Dispenser	1	0	
			2	0	
			3	0	
			4	0	<i>Sample for Lab</i>
10/16/2019	SB-10	Dispenser	1	0	
			2	0	
			3	0	
			4	0	<i>Sample for Lab</i>
10/16/2019	SB-11	Product Line	1	0	
			2	0	<i>Sample for Lab</i>
			3	0	

ppm = part per million

TABLE 2: SOIL ANALYTICAL SUMMARY

Circle K 2726513
 900 Malabar Road
 Palm Bay, Florida
 Facility ID #058732741
 ATC Project #0752840115

Name	Sample		Date	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	TRPH	Naphthalene	1-Methyl- naphthalene	2-Methyl- naphthalene	Benzo(a)- pyrene
	Location	Depth											
Direct Exposure Residential													
Leachability Based on Groundwater Criteria				1.2	7,500	1,500	130	4,400	460	55	200	210	0.1
				0.007	0.5	0.6	0.2	0.09	340	1.2	3.1	8.5	8
SB-2	UST	3	10/16/2019	0.000856 U	0.00268 U	0.00113 U	0.0102 U	0.000632 U	2.88 U	0.00631 I	0.00214 I	0.00214 I	0.000642 U
SB-11	Product Line	2	10/16/2019	0.000804 U	0.00251 U	0.00107 U	0.00962 U	0.000594 U	12.1	0.00275 I	0.00214 U	0.00214 U	0.000642 U
SB-7	Dispenser	4	10/16/2019	0.00107 U	0.00410 I	0.00142 U	0.0129 U	0.000793 U	86.9	0.00486 I	0.00222 U	0.00222 U	0.000666 U
SB-8	Dispenser	4	10/16/2019	0.00137 U	0.00428 U	0.00181 U	0.0164 U	0.00101 U	6.54 I	0.00236 U	0.00236 U	0.00236 U	0.000707 U
SB-9	Dispenser	4	10/16/2019	0.00116 U	0.220	0.00154 U	0.0139 U	0.000854 U	5.21 I	0.00217 U	0.00217 U	0.00217 U	0.000650 U
SB-10	Dispenser	4	10/16/2019	0.000837 U	0.00264 I	0.00111 U	0.0100 U	0.000618 U	12.8	0.00221 U	0.00221 U	0.00221 U	0.000664 U

Notes:

1. Units in milligrams per kilogram (mg/kg)
2. FDEP Chapter 62-770 FAC Soil Cleanup Target Levels displayed in shaded cells
3. Total xylenes = m,p-Xylenes + o-Xylene concentrations
4. " U " = The laboratory detection limit is listed for concentrations not detected by the laboratory.
5. " J " = The estimated value below the lowest calibration point. Confidence correlates with concentration.
6. " V " = Indicates the analyte was detected in both the sample and method blank
7. " J " = The value is outside the laboratory established criteria.

TABLE 3: GROUNDWATER ANALYTICAL DATA

Circle K 2726513
 900 Malabar Road
 Palm Bay, Florida
 Facility ID #058732741
 ATC Project #0752840115

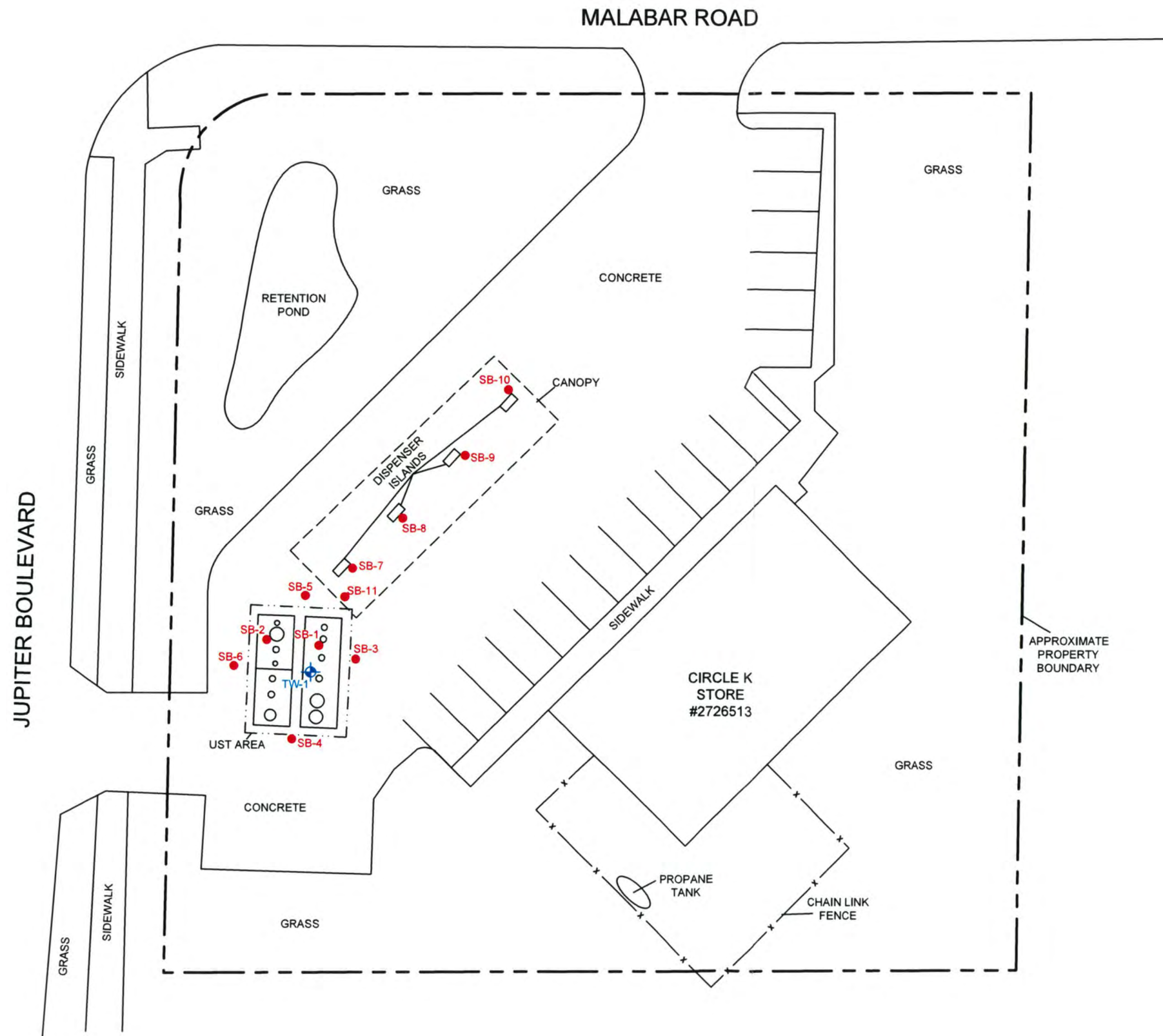
Sample		Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TRPH	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene
Location	Date									
Natural Attenuation (Source Area) Default Concentrations		100	400	300	200	200	50,000	140	280	280
Groundwater Criteria		1	40	30	20	20	5,000	14	28	28
TW 1	10/16/2019	0.331 U	0.412 U	0.384 U	1.06 U	0.367 U	125 JU	0.443 I	0.0251 I	0.0316 I

Notes:

1. Units in micrograms per liter (ug/l).
2. FDEP Chapter 62-770 FAC Groundwater Cleanup Target Levels displayed in shaded cells
3. Total xylenes = m,p-Xylenes + o-Xylene concentrations
4. " U " = The compound was not detected above the method detection limit.
5. " I " = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
6. " V " = Analyte was detected in both the swamle and the method blank.

Legend

- Approximate Property Line
- Soil Boring
- ⊕ Temporary Monitoring Well



0 Approximate Feet 30

NAME/ADDRESS:
Circle K Store #2726513
 900 Malabar Road Southwest
 Palm Bay, Florida

DRAWING TITLE:
SITE PLAN

ATC 5602 Thompson Center Court - Suite 405
 Tampa, Florida 33634
 TEL: 813-889-8960
 FAX: 813-889-8754

DRAWN BY: _____	KD	FIGURE NO.
CHECKED BY: _____	SP	
PROJECT NO. 0752840115		1



Site No. 7

Malabar Cove



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

Memorandum


TO: Alex Courneya, Environmental Specialist I
Central District


THROUGH: Brian Dougherty, Program Manager
District & Business Support Program, DWM

FROM: Christa Bingel, Professional Geologist II
District & Business Support Program, DWM

SUBJECT: Malabar Cove 3
NW Malabar Road, County
Additional Monitoring Well Installation and Sampling Report, February 24, 2020
Site ID: COM_383098

DATE: April 3, 2020


Digitally signed by Brian
Dougherty
Date: 2020.04.08
16:02:35 -04'00'


Digitally signed by Christa
Bingel
Date: 2020.04.08
11:25:01 -04'00'

The District and Business Support Program (DBSP) has reviewed the *Additional Monitoring Well Installation and Sampling Report*, February 24, 2020, for the above referenced site, submitted in support of a Prospective Purchaser Agreements (PPA).

DBSP has the following observations and comments:

Given the data submitted so far, it does appear that the arsenic contamination is related to an offsite source.

As stated in the January 13, 2020 FDEP Review Letter, the Department has ceased issuing Prospective Purchaser Agreements (PPAs) in most cases. A conditional closure has also been suggested for the site. The issuance of a Conditional Site Rehabilitation Order (C-SRCO) would not be appropriate since it has been established that the Malabar Cove property is likely not the source property. However, the Department should issue a letter formally closing the file.

A Declaration of Restrictive Covenant which restricts groundwater use on the property could be issued on a voluntary basis in order to limit exposure to the contaminated groundwater but is not required.

If you have any questions, please contact me at 850-245-8921 or at christa.bingel@FloridaDEP.gov



FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD, SUITE 232
ORLANDO FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

April 13, 2020

Mr. Marc Gauthier
Atlantic Housing Partners, LLLP
200 East Canton Avenue, Suite 102
Winter Park, FL 32789
m.gauthier@atlantichousing.com

Brevard County - Waste Cleanup
Malabar Cove 3
NW Malabar Road
Palm Bay, FL 32908
WCU Site ID: COM_383098
Review of Assessment Documents and Site Closure

Dear Mr. Gauthier:

The Florida Department of Environmental Protection's Office of Business and District Support (OBDS) has reviewed the February 24, 2020 *Additional Monitoring Well Installation and Sampling* Report, which was submitted by E Sciences, Inc. on your behalf of Atlantic Housing Partners, LLLP for the Malabar Cove Site referenced above. After review of the Report, the Department concurs that it does not appear that the arsenic that was detected in the groundwater at the Malabar Cover 3 parcel, at the approximate latitude and longitude of 27° 59' 52.9" N, and 80° 40' 55.6" W, is attributable to a discharge or release on the property. Therefore, the Department will not require any further assessment or any remediation of the arsenic in the groundwater in the areas investigated, as depicted on the attached Figure 1 "Groundwater Analytical Map (Arsenic ug/L)". A Conditional Site Rehabilitation Completion Order (CSRCO) will not be issued, but this Site will be closed by the Department. The OBDS Memorandum is included as an attachment to this letter.

You may choose to voluntarily record a Declaration of Restrictive Covenant (DRC), which uses institutional controls to restrict groundwater usage at this site using the Department's Institutional Control Procedures Guidance (ICPG) Document, which can be found at <https://floridadep.gov/waste/waste/content/institutional-controls-procedures-guidance>. If you record a DRC, please forward a copy for our records along with a shape-file that includes the restricted area and the restrictions, and we will have it placed in our database.

Mr. Marc Gauthier
Atlantic Housing Partners, LLLP
April 13, 2020

Malabar Cove
WCU Site ID: COM_383098
Page 2 of 2

If you have any questions concerning this correspondence, please contact Alex Courneya at (407) 897-2916, or at alex.courneya@FloridaDEP.gov, or Tracy Jewsbury at tracy.jewsbury@FloridaDEP.gov or at (407) 897-4323.

Sincerely,



Lu Burson
Environmental Administrator
Permitting and Waste Cleanup Program

Attachments: Figure 1 "Groundwater Analytical Map (Arsenic ug/L)"
ODBS April 3, 2020 Memorandum

cc: DEP Staff: Alex Courneya, Tracy Jewsbury, P.E., Lu Burson, Erin Rasnake
Flormari Blackburn, P.E., E-Sciences – fblackburn@esciencesinc.com
Scott Evanson, P.G., E-Sciences – sevanson@esciencesinc.com



Legend

- Parcel Boundary
- Arsenic Concentration Contour
- + Monitoring Well
- Groundwater Sampling

WELL ID
Date Sampled
Arsenic ug/L

Arsenic GCTL is 10 ug/L

E Sciences
 E Sciences, Incorporated
 FL Engineering Lic. #8691
 34 East Pine Street
 Orlando, FL 32801
 www.esciencesinc.com
 Phone: 407-481-9006
 Fax: 407-481-9627

PROJECT NUMBER:
 1-2331-003

Malabar Cove 3

Brevard County, FL

Groundwater Analytical Map (Arsenic ug/L)

SCALE: 1" = 150'
 DATE: 2/21/2020

FIGURE
1

G:\Projects\1-2331-003\GIS\January 2020\1. Groundwater Analytical ResultsR1.mxd By: LC



FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD, SUITE 232
ORLANDO FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

January 13, 2020

Mr. Marc Gauthier
Atlantic Housing Partners, LLLP
200 East Canton Avenue, Suite 102
Winter Park, FL 32789
m.gauthier@atlantichousing.com

Brevard County - Waste Cleanup
Malabar Cove 3
NW Malabar Road
Palm Bay, FL 32908
WCU Site ID: COM_383098
Review of Limited Site Assessment Report

Dear Mr. Gauthier:

The Department has reviewed the December 9, 2019 *Limited Site Assessment (LSA) Report* which was submitted by E Sciences, Inc. on your behalf of Atlantic Housing Partners, LLLP for the Malabar Cove Site referenced above. After review of the Report, the Department has the following comments:

1. It is stated in the "Soil Evaluation" section that soil borings SB-1 through SB-4, as well as SB-5, SB-6, and SB-7 are depicted in Figure 2, "Initial Groundwater Results and Soil Sampling Location Map." However, SB-2 is missing from Figure 2. Please submit a revised copy of Figure 2 by email within 15 days of receipt of this letter.
2. It is stated in the "Groundwater Sampling and Analytical Results" section that, "*concentrations of arsenic above the GCTL (10 µg/L) were detected in monitoring wells MW-1 (33.3µg/L), MW-2 (11.5 µg/L), MW-4 (12.5 µg/L), and MW-5 (19.5 µg/L). None of the other samples collected were above the GCTL*". However, according to the laboratory analytical data, MW-6 had an arsenic concentration of 22.9 µg/L, which exceeds the Groundwater Cleanup Target Levels (GCTL) in Chapter 62-777, Florida Administrative Code (F.A.C.) of 10 µg/L. Therefore, based on the groundwater flow direction depicted in Figure 4, "Groundwater Flow Direction Map", the contaminant plume is undefined to the north of MW-6 and site assessment remains incomplete. During the December 11, 2019 meeting with the Department, it was agreed that a second round of sampling would take place in January 2020. Based on the results of the January groundwater sampling event, additional monitoring well(s) may be required to complete assessment.
3. It was noted that the final Turbidity measurements taken before sample collection from groundwater monitoring wells MW-8, MW-9, MW-10, and MW-11 were 48.1

Mr. Marc Gauthier
Atlantic Housing Partners, LLLP
January 13, 2020

Malabar Cove
WCU Site ID: COM_383098
Page 2 of 2

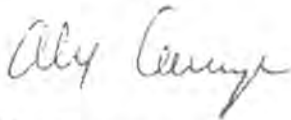
Nephelometric Turbidity Units (NTUs), 49.0 NTUs, 48.3 NTUs, and 71.2 NTUs respectively, during the November 13-14, 2019, groundwater sampling event. Turbidity for a properly designed, constructed, developed, and sampled well should not exceed 20 NTUs. The Department recommends that during the next sampling event, turbidity should be monitored closely, and proper care taken during sampling events to ensure that neither the water column in the wells nor the samples are agitated prior to or while filling sample containers.

The Department anticipates receiving a report detailing the activities conducted at the site and any recommendations to complete assessment within **60 days** of scheduled field activities, or before March 27, 2020. Pursuant to Rule 62-780.790, F.A.C. please provide seven (7) days' notice prior to conducting field activities. Submit the Report in electronic format to DEP_CD@dep.state.fl.us, with a copy to Alex.Courneya@FloridaDEP.gov. If the file is very large, you may post it to the Waste Cleanup folder on the Central District's ftp site at: ftp://ftp.dep.state.fl.us/pub/incoming/Central_District/Waste_Cleanup/. After posting the document, send an email to DEP_CD@dep.state.fl.us, with a copy to Alex.Courneya@FloridaDEP.gov alerting us that it has been posted.

In addition, during our December 11, 2019 meeting assistance in the pursuance of a Prospective Purchaser Agreement (PPA) was requested. The LSA and your request to pursue a PPA were forwarded on January 8, 2020 to our District and Business Support Program (DBSP) for their review. On January 9, 2020, we discussed the data obtained to date with DBSP. In summary, the Department has generally ceased the practice of issuing PPAs. The pursuance of No Further Action (NFA) with Controls, which also uses a Declaration of Restrictive Covenant (as did a PPA), is recommended. Please note that the Department must concur that Site Assessment is complete for acceptance of a NFA Proposal. Additionally, in the past this was the requirement prior to issuance of a PPA as well.

If you have any questions concerning this correspondence, please contact me at (407) 897-2916, or at Alex.Courneya@FloridaDEP.gov, or Tracy Jewsbury at tracy.jewsbury@FloridaDEP.gov or at (407) 897-4323.

Sincerely,



Alex Courneya
Environmental Specialist
Permitting and Waste Cleanup Program

DEP Staff: Alex Courneya, Tracy Jewsbury, P.E., Lu Burson, Erin Rasnake
Flormari Blackburn, E-Sciences – fblackburn@esciencesinc.com

Limited Site Assessment Report

Malabar Cove 3
NW Malabar Road
Palm Bay, Brevard County, Florida

E Sciences Project No. 1-2331-003

December 2019



ENGINEERING
ENVIRONMENTAL
ECOLOGICAL

Prepared for:

Mr. Marc Gauthier
Atlantic Housing Partners, LLLP
200 East Canton Avenue, Suite 102
Winter Park, FL 32789



ENGINEERING
ENVIRONMENTAL
ECOLOGICAL

December 9, 2019

Mr. Marc Gauthier
Atlantic Housing Partners, LLLP
200 East Canton Avenue, Suite 102
Winter Park, FL 32789

**Subject: Limited Site Assessment Report
Malabar Cove 3
NW Malabar Road
Palm Bay, Brevard County, Florida
E Sciences Project Number 1-2331-003**

Dear Mr. Gauthier:

E Sciences, Incorporated (E Sciences) is pleased to submit this Limited Site Assessment Report conducted at the above-referenced property, herein referred to as the Site. Our services were performed in general accordance with E Sciences' Proposal Number 1-2331-P03 dated October 8, 2019. This report includes the background information, a summary of the assessment activities and results, and our findings and recommendations.

Background Information

E Sciences' conducted a Phase I Environmental Site Assessment (ESA) for Malabar Cove 3 as documented in our report dated, September 24, 2019. The Site is comprised of two parcels identified as Parcel ID 29-36-01-00-250 consisting of 5.31 acres and Parcel ID 29-36-01-00-256 consisting of 3.89 acres for a total of 9.2 acres located at NW Malabar Road in Palm Bay, Brevard County, Florida and is currently undeveloped (**Figure 1**).

The following were our findings and conclusions:

- Parcel ID 29-36-01-00-250 was developed since at least 1943 with what appears to be a residence and a barn. Several additional structures were added over the years to this development later potentially indicating commercial activity or a larger farming business. No structures are apparent at the Site since the 1993 aerial photograph. The historical presence of these structures represents a recognized environmental condition (REC).
- Parcel ID 29-36-01-00-256 was previously utilized as a citrus grove and the expected land use for this parcel is residential; thus, this land use constitutes an environmental concern.

Phase II Environmental Site Assessment (ESA)

The following is the summary of the assessment activities and results as document in the Phase II ESA report dated October 7, 2019.

Soil Evaluation

On September 18, 2019, E Sciences and JAEE Environmental, Inc. (JAEE) advanced four soil borings using direct push technology (DPT), SB-1 through SB-4. Soil borings SB-1 was advanced to a total depth of 7 feet below land surface (bls); soil boring SB-2 was advanced to a total depth of 8 feet bls; and soil borings SB-3 and SB-4 were advanced to a total depth of 9 feet bls. A hand auger was used to advance three additional soil borings, SB-5, SB-6, and SB-7, to a depth of two feet bls. **Figure 2** depicts the soil boring locations.

Samples were collected from two-foot intervals to a depth of 4 feet bls at SB-1, SB-2, SB-3, and SB-4 and screened with an organic vapor analyzer (OVA) equipped with a photo ionization detector (PID). One OVA reading positive OVA reading, <10 parts per million, was detected in the soil sample collected in the 0 to 1-foot interval at SB-1. No other elevated OVA readings were encountered at the remaining soil borings.

Soil samples were collected for laboratory analysis at soil boring SB-1 at a depth one-foot bls, and samples were collected at SB-2, SB-3, SB-4, SB-5, SB-6, and SB-7 at a depth of two feet bls. The samples were then packed on wetted ice and transported to Pace Analytical Laboratories through proper chain-of-custody (COC) documentation. The samples were analyzed for volatile aromatic organochlorine pesticides (EPA Method 8081), organophosphorus pesticides (EPA Method 8141), lead, copper, and arsenic (EPA method 6010), volatile organic (EPA Method 8260) and semi-volatile organics (EPA Method 8270). The soil borings were backfilled with native material.

Of the parameters that were analyzed for the soil evaluation, arsenic was found to be above the soil cleanup target levels (SCTL) per Chapter 62-777 Florida Administrative Code (FAC) of 2.1 milligrams/kilogram (mg/kg) at SB-6 (2.4 mg/kg). No other parameters that were analyzed were above their respective SCTL.

Groundwater Evaluation

Groundwater sampling was conducted at soil borings SB-1 through SB-4 utilizing DPT by advancing a probe with a stainless-steel well point into the water table and withdrawing the probe to expose four feet of stainless-steel screen. The sample points were purged until the water was generally clear. Field parameters (pH, temperature, conductivity, dissolved oxygen, and turbidity) were then measured using a multi-sensor probe and turbidity meter.

Groundwater samples collected at each location were labeled GW with the corresponding soil boring number. Groundwater samples GW-1 was collected at a depth interval of 3-7 feet bls, GW-2 at a depth interval of 4-8 feet bls, and GW-3 and GW-4 at a depth interval of 5-9 feet bls. **Figure 3** depicts the groundwater sampling locations.

The groundwater samples were then packed on wetted ice and transported to Pace Analytical Laboratories through proper chain of custody documentation. The groundwater samples were analyzed for organochlorine pesticides (EPA Method 8081), organophosphorus pesticides (EPA Method 8141), lead, copper, and arsenic (EPA method 6010), volatile organic (EPA Method 8260) and semi-volatile organics (EPA Method 8270). Additional water sample was collected at GW-2, GW-3, and GW-4 that were field filtered for metals analysis.

Of the parameters that were analyzed for the groundwater evaluation, arsenic was found above the groundwater cleanup target level (GCTL) of 10 micrograms/liter ($\mu\text{g/L}$) in samples GW-2, and GW-3 at 23.2 $\mu\text{g/L}$ and 20.3 $\mu\text{g/L}$, respectively. The filtered samples for GW-2 and GW-3 also contained arsenic above the GCTL at 25.7 $\mu\text{g/L}$ and 21.6 $\mu\text{g/L}$, respectively. No other parameters that were analyzed were above their respective GCTL.

Limited Site Assessment

Based on the Phase II ESA results, the following site assessment activities were conducted.

Soil Sampling and Analytical Results

Sampling activities were performed in general accordance with the FAC Chapter 62-160, and FDEP SOPs. Soil samples were collected with a decontaminated hand auger and placed in jars for laboratory analysis. Sample locations were identified utilizing a global positioning system (GPS) device.

On October 20 and 22, 2019, 30 soil borings were advanced to further evaluate the findings of our Phase II ESA in the areas of soil boring SB-6 and groundwater samples GW-2 and GW-3 (**Figure 2**). Each boring was advanced to at least a depth of two feet bls and soil samples were collected at the 0 to 0.5 feet bls interval and at the 0.5 to 2 feet bls interval. In addition, soil borings B-2, B-11, B-23, B-24, and B-29 were advanced to just above the water table and a sample was collected at the 2 to 4 feet bls interval. The soil samples were analyzed at Pace Laboratories for arsenic via EPA Method 6010B.

None of the soil analytical results were above the SCTL for arsenic. Complete soil analytical results are provided in **Appendix A**.

Monitoring Well Installation

On October 22 and November 8, 2019, our subcontractor JAEE installed monitoring wells MW-1 through MW-11 (**Figure 3**). Monitoring wells MW-2, MW-5, and MW-11 were located at the locations of GW-2, GW-3, and GW-4, respectively. The wells were advanced utilizing direct push technology (DPT) and consisted of 1.5-inch PVC risers with 10 feet of 0.010 slot pre-packed screen to a depth of approximately 12 feet. **Appendix B** contains the well construction and development logs.

Top of Casing Measurements

Following installation, E Science collected relative top of casing measurements from the monitoring wells using survey techniques. In conjunction with these relative elevation measurements, E Sciences personnel collected depth to water (DTW) measurements from the installed monitoring wells. Based on the DTW measurements, the groundwater flow direction was found to be generally to the northeast. Groundwater elevations are recorded in **Table 1**. Interpretations of groundwater flow direction based on DTW measurements from November 14, 2019 are provided on **Figure 4**.

Groundwater Sampling and Analytical Results

On October 23 and 24, 2019 and November 13 and 14, 2019, E-Sciences sampled the newly installed monitoring wells. Groundwater sampling activities were performed in general accordance with the FAC Chapter 62-160 and FDEP SOPs. The groundwater samples were placed in laboratory-supplied containers, packed in ice and transported to Pace Laboratories Inc., under proper COC for laboratory analysis. Based on the findings of our Phase II ESA, the groundwater samples collected were analyzed for arsenic. The groundwater sampling and equipment calibration logs are provided in **Appendix C**.

Concentrations of arsenic above the GCTL (10 µg/L) were detected in monitoring wells MW-1 (33.3 µg/L), MW-2 (11.5 µg/L), MW-4 (12.5 µg/L), and MW-5 (19.5 µg/L). None of the other samples collected were above the GCTL. Complete groundwater analytical results are provided in **Appendix A**.

Conclusions

E Sciences has completed a Limited Site Assessment for the Malabar Cove 3 site. The followings are our conclusions:

- The assessment has revealed no soils impacts at the Site.
- Groundwater flow direction is to the northeast.

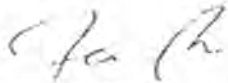
- Concentrations above the GCTL were identified at the southwest portion of the Site.
- Based on the groundwater flow direction, it appears that the source of the contamination is off-site.

Closing

As always, we appreciate the opportunity to offer our professional services on this project. If you have any questions concerning this report, please contact us at (407) 481-9006.

Sincerely,

E SCIENCES, INCORPORATED



Flormari Blackburn, P.E.
Senior Engineer



Digitally signed
by Flormari
Blackburn, P.E.

Date: 2019.12.09
14:16:29 -05'00'



Scott Evanson, P.G.
Senior Geologist

FIGURES

Figure 1	Location Map
Figure 2	Initial Groundwater Results and Soil Sampling Location Map
Figure 3	Groundwater Sampling Location Map
Figure 4	Groundwater Flow Direction Map
Figure 5	Groundwater Analytical Results Map – Arsenic

TABLES

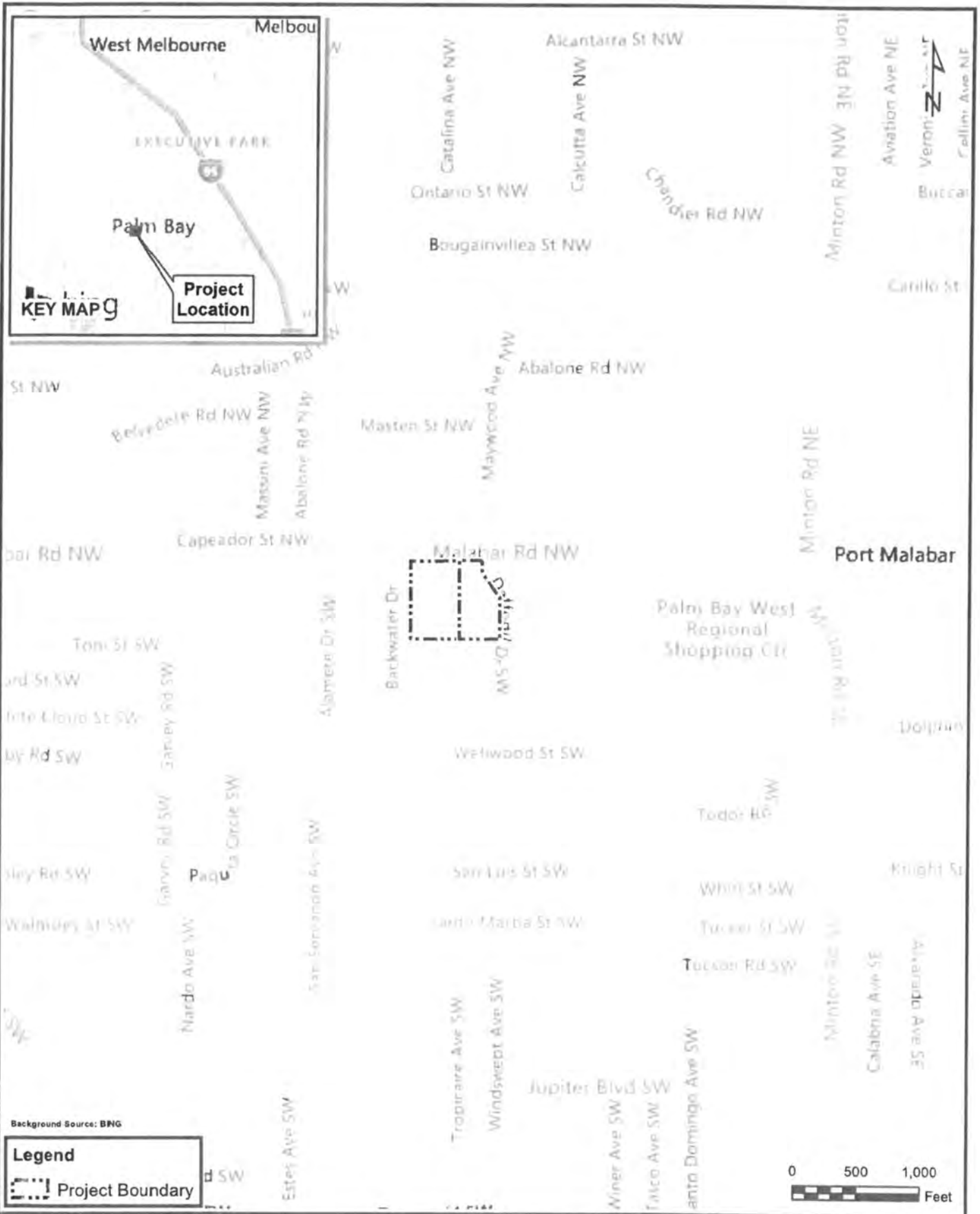
Table 1	Groundwater Elevations
---------	------------------------

APPENDIX

Appendix A	Soil and Groundwater Analytical Results
Appendix B	Well Construction and Development Logs
Appendix C	Groundwater Sampling and Calibration Logs

cc: Tracy Jewsbury -FDEP Central District

Figures



Background Source: BNG

Legend

Project Boundary



E Sciences, Incorporated
 FL Engineering Lic. #8691
 34 East Pine Street
 Orlando, FL 32801
 www.esciencesinc.com
 Phone: 407-481-9006
 Fax: 407-481-9627

PROJECT NUMBER:
 1-2331-001

Malabar Cove 3

Brevard County, FL

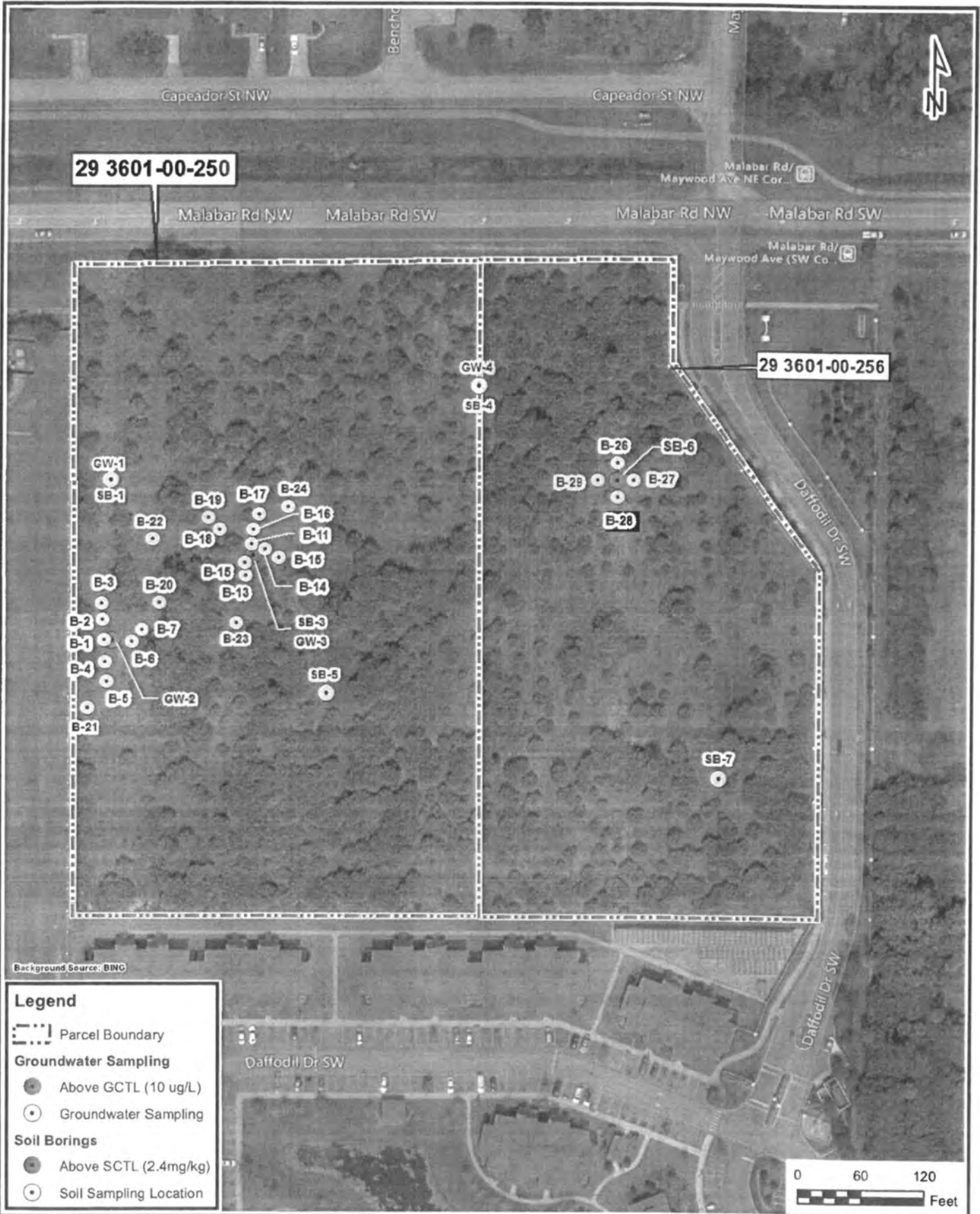
Location Map

SCALE:
 1"=1,000'

DATE:
 9/11/2019

FIGURE

1



Background Source: BING

Legend

- Parcel Boundary
- Groundwater Sampling**
 - Above GCTL (10 ug/L)
 - Groundwater Sampling
- Soil Borings**
 - Above SCTL (2.4mg/kg)
 - Soil Sampling Location



E Sciences, Incorporated
 FL Engineering Lic. #8691
 34 East Pine Street
 Orlando, FL 32801
 www.esciencesinc.com
 Phone: 407-481-9006
 Fax: 407-481-9627

PROJECT NUMBER:
 1-2331-003

Malabar Cove 3

Brevard County, FL

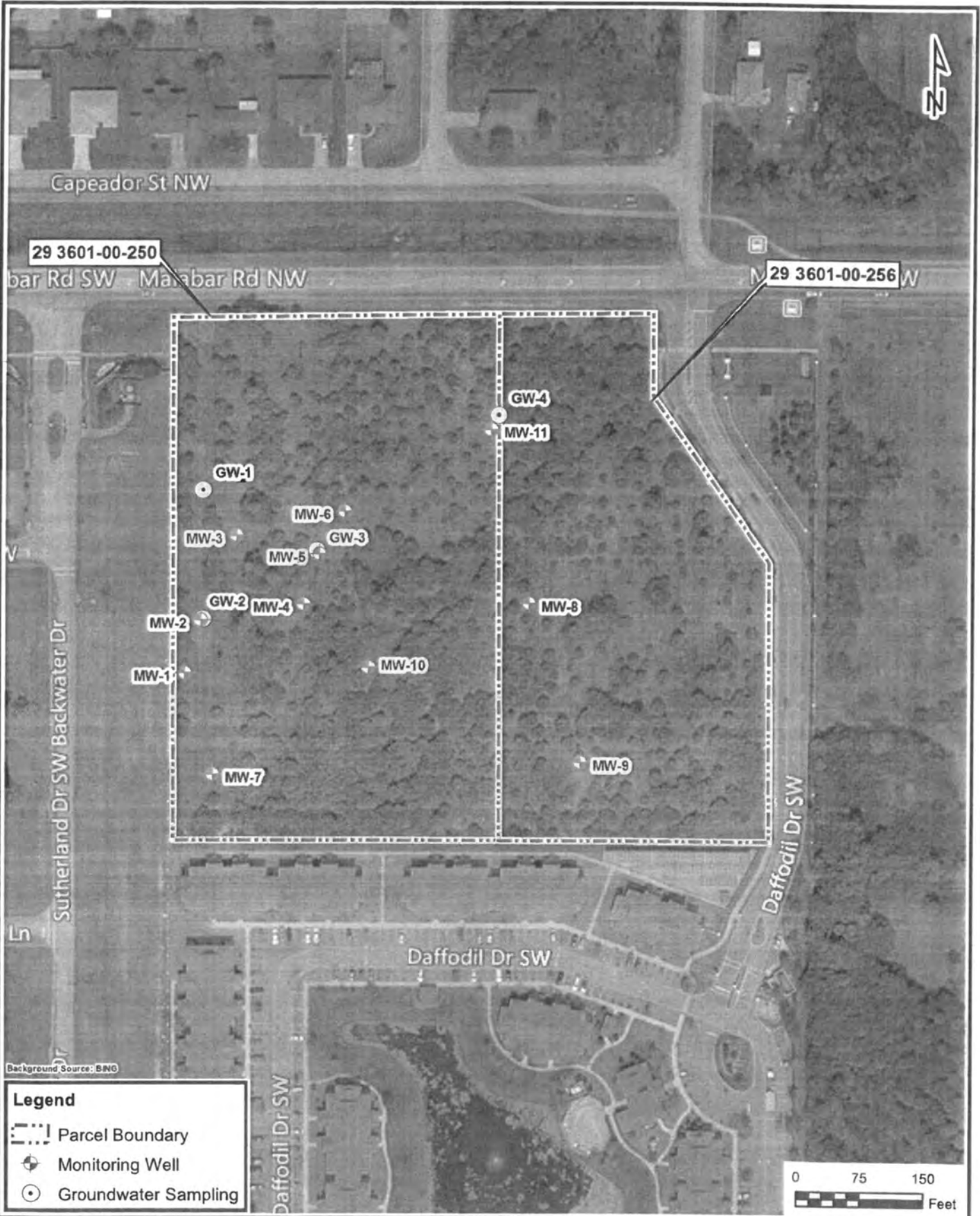
**Initial Groundwater
 Results and Soil
 Sampling Location Map**

SCALE: 1"=120' DATE: 10/29/2019

FIGURE

2

G:\Projects\1-2331-003\GIS\Soil Sampling Location Map.mxd By: LG



G:\Projects\1-2331-003\GIS\Groundwater Sampling Location Map.mxd By: LG



E Sciences, Incorporated
 FL Engineering Lic. #8691
 34 East Pine Street
 Orlando, FL 32801
 www.esciencesinc.com
 Phone: 407-481-9006
 Fax: 407-481-9627

PROJECT NUMBER:
 1-2331-003

Malabar Cove 3

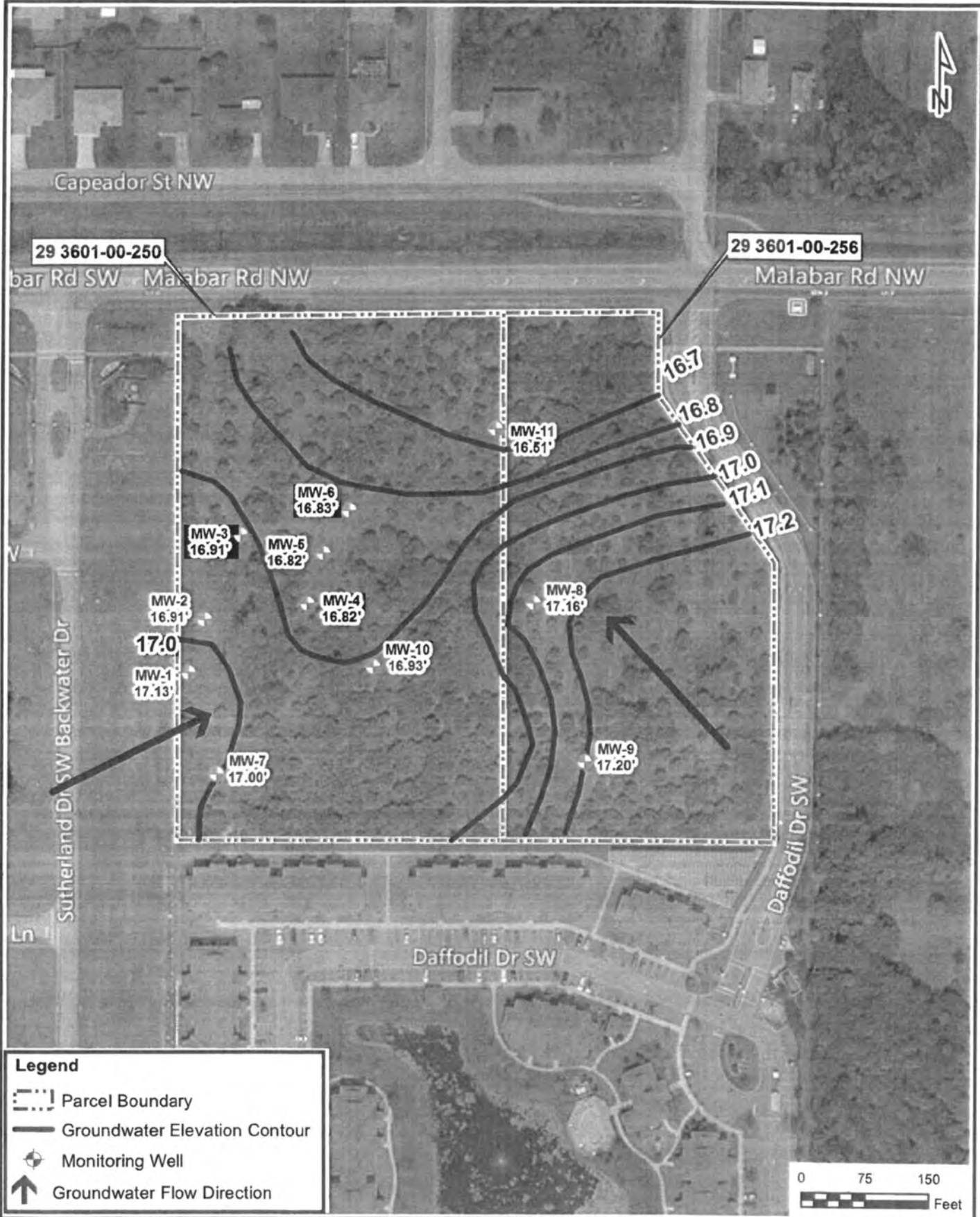
Brevard County, FL

Groundwater Sampling Location Map

SCALE: 1"=150' DATE: 11/21/2019

FIGURE

3



Legend

- Parcel Boundary
- Groundwater Elevation Contour
- Monitoring Well
- Groundwater Flow Direction



E Sciences, Incorporated
 FL Engineering Lic. #8691
 34 East Pine Street
 Orlando, FL 32801
 www.esciencesinc.com
 Phone: 407-481-9006
 Fax: 407-481-9627

PROJECT NUMBER:
 1-2331-003

Malabar Cove 3

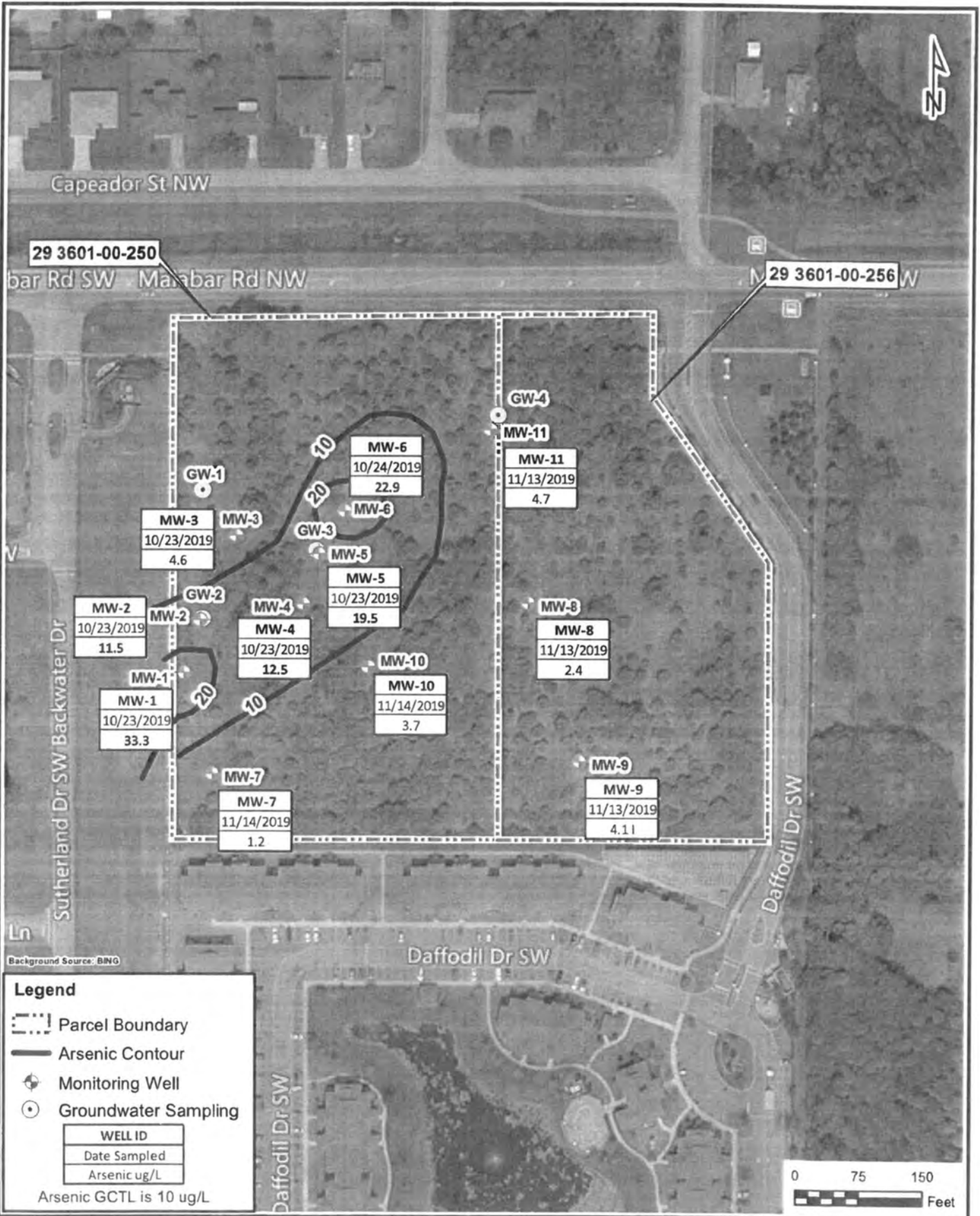
Brevard County, FL

**Groundwater
 Flow Direction Map**

SCALE: 1"=150'
 DATE: 11/21/2019

FIGURE
4

G:\Projects\11-2331-003\GIS\4. Groundwater Flow Direction Map.mxd By: LG



G:\Projects\1-2331-003\GIS4_Groundwater Analytical Results.mxd By: LG

Legend

- Parcel Boundary
- Arsenic Contour
- Monitoring Well
- Groundwater Sampling

WELL ID
Date Sampled
Arsenic ug/L

Arsenic GCTL is 10 ug/L



E Sciences
 E Sciences, Incorporated
 FL Engineering Lic. #6691
 34 East Pine Street
 Orlando, FL 32801
 www.esciencesinc.com
 Phone: 407-481-9006
 Fax: 407-481-9627

PROJECT NUMBER:
1-2331-003

Malabar Cove 3

Brevard County, FL

Groundwater Analytical Map (Arsenic ug/L)

SCALE: 1"=150' DATE: 11/21/2019

FIGURE

5

Site No. 10

Coastal Biosystem



Florida Department of Environmental Protection

Hazardous Waste Facilities Search Results

Selection Criteria for This Handler Search:

EPAID: FLR000089342

For Facility Data Links:

Activities -- provides a list of RCRA compliance activities and violations.

Mapping in GIS -- this opens a **[NEW IMPROVED]** GIS mapping tool focused on the facility.

Documents -- this provides a list of electronic documents available online.

Error Reporting -- send us feedback to address data errors.

County Verification -- County or RPC verification of Facility and Waste for this site.

For a Generator Status History:

click on the **Status**. - **NNOT** indicates a facility is a Non-Notifier and may not have been issued the associated EPAID - **Check with DEP before using that EPAID!**

[Legend of Status Types](#)

EPA ID	Name	County	Address	Contact	Status	As of	Data Links
FLR000089342	Coastal Biosystem Inc	Brevard	270 Malabar Rd SW Palm Bay, FL 32907	Kenneth Kirwan 3217681482	CLO	5/9/2011	A M D E

Search has retrieved 1 Facilities

Legend of Status Types:

- LQG - Large Quantity Generator
- SQG - Small Quantity Generator
- CES - Conditionally Exempt Small Quantity Generator
- UOT - Used Oil Transporter
- TRA - Hazardous Waste Transporter
- TSD - Treatment/Storage/Disposal Facility
- CLO - Closed
- NHR - Non-Handler of Hazardous Waste



Florida Department of Environmental Protection

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

05/12/2011
Kenneth Kirwan, President
Coastal Biosystem Inc
PO Box 110279
Palm Bay, FL 32911-0279

The Florida Department of Environmental Protection has reviewed your form 8700-12FL notification for a new hazardous waste DEP/EPA Identification Number or status/information change. Based on the information received you must use the following identification number for all manifests or reports for **Coastal Biosystem Inc** located at **270 Malabar Rd SW, Palm Bay, FL32907-2945**

FLR000089342

Your facility notified FDEP requesting the following hazardous waste status/activities which **do not require a separate submission: Closed/Moved.**

Your facility is **currently registered** for the following activities: **None.**

Your facility is **currently permitted as: No Active Hazardous Waste Treatment, Storage, or Disposal Permit.**

If you have pending program registrations/certifications or permits, these will be mailed separately. You are required to notify us on form 8700-12FL if there is any change in your operations which would affect your status, activity or contact information. The form is found here:

<http://www.dep.state.fl.us/waste/categories/hwRegulation/pages/NotificationRegulatedWaste.htm>.

To review the details of your status, visit:

http://appprod.dep.state.fl.us/www_RCRA/Reports/handler_results.asp?epaid=FLR000089342.

For further assistance, please e-mail a Notification Coordinator at EPOST_HWreg@dep.state.fl.us or call us at (850)245-8707.

Sincerely,

FOR

Glen Perrigan
Environmental Manager
Hazardous Waste Regulation Section

ME ID: 47029



8700-12FL - FLORIDA NOTIFICATION OF REGULATED WASTE ACTIVITY
 DEP Waste Management Division-HWRS, MS4560
 2600 Blair Stone Rd. Tallahassee, FL 32399-2400
 (850) 245-8772

Date Received: _____
 (For Official Use Only)
Received
 MAY 09 2011
DEP

EPA ID FL000089342 MTS

1. Reason for Submittal Mark 'X' in correct box:

To provide **initial notification** (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities).

To provide **subsequent notification** (to update status and facility identification information).

Is this the **final notification** (see instructions) for the facility?

2. Facility or Business Name FEID No. _____

3. Facility Operator (List additional Operators in the comments section).

Name of Operator: COASTAL BIO SYSTEMS INC New Operator
 Date became Operator: 1/1 mm dd yy

Street or P.O. Box: 270 MALABAR RD SA Phone Number: _____

City or Town: PALM BAY FL 32907 State: FL Zip Code: 32907

Operator Type: Private Federal Municipal State Other _____

4. Facility Physical Location Information

Physical Street Address: 270 MALABAR RD

City or Town: PALM BAY State: FL Zip Code: 32907

County: Choose If available, please attach a map or sketch of the facility boundaries.

Latitude: _____ Longitude: _____ Method: _____
dd mm ss.ssss dd mm ss.ssss Datum:

5. Facility North American Industry Classification System (NAICS) Code(s)

A. _____ B. _____
 C. _____ D. _____

6. Facility or Business Mailing Address

Street Address or P.O. Box: _____
 City or Town: _____ State: _____ Zip Code: _____

7. Facility or Business Contact Person

First Name: _____ Last Name: _____ Title: _____
 Phone Number: _____ Extension: _____ E-Mail: _____
 Street or P.O. Box: _____
 City or Town: _____ State: _____ Zip Code: _____

8. Real Property (Land) Owner of the Facility's Physical Location (List additional real property owners in the comments section.)

Name of Real Property (Land) Owner: _____ New Owner
 Date became Owner: 1/1 mm dd yy

Street or P.O. Box: _____ Phone Number: _____
 City or Town: _____ State: _____ Zip Code: _____
 Owner Type: Private Federal Municipal State Other _____

9. Type of Regulated Waste Activity (Mark 'X' in all that apply):**A. Hazardous Waste Activities:****(1) Generator of Hazardous Waste**

(Choose only one of the following three categories.)

- a. Large Quantity Generator (LQG):
Generates in any calendar month 1,000 kilograms or greater per month (kg/mo) (2,200 lbs.) of *non-acute* hazardous waste; or Greater than 1 kg (2.2 lbs) of *acute* hazardous waste
- b. Small Quantity Generator (SQG):
Generates in any calendar month greater than 100kg/mo but less than 1,000 kg/mo (>220 to <2,200 lbs.) of *non-acute* hazardous waste and/or 1 kg (2.2 lbs) or less of *acute* hazardous waste
- c. Conditionally Exempt SQG (CESQG):
Generates in any calendar month 100 kg/mo or less (220 lbs.) of *non-acute* hazardous waste and 1 kg (2.2 lbs) or less of *acute* hazardous waste

In addition, indicate other generator activities that apply.

- d. United States Importer of hazardous waste
- e. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 7, mark 'X' in all that apply.

(2) Treater, Storer, or Disposer of Hazardous Waste

(at your facility) Note: A hazardous waste permit may be required for this activity.

- a. Operating Commercial TSD
- b. Operating Non-commercial TSD
- c. Non-operating: Postclosure or Corrective Action Permit or Consent Order (HSWA, etc.)

(3) Recycler of Hazardous Waste (at your facility)Specify: Commercial; Non-Commercial.

A permit is required for storage prior to recycling.

(4) Exempt Boiler and/or Industrial Furnace

- a. Small Quantity On-site Burner Exemption
- b. Smelting, Melting, and Refining Furnace Exemption

(5) Person Authorized to Manage Conditionally Exempt Waste

Generated at Other Facilities - Choose this management activity ONLY if you attach EITHER a copy of your application for such authorization OR the authorization you received from FDEP.

- (6) Underground Injection Control** - Mark an 'X' even if the UIC well at your facility does not receive hazardous waste.

- (7) Transporter of Hazardous Waste** [Note: A Certificate of Liability Insurance is required along with this registration.]
Registration must be renewed annually. a. For own waste only b. For commercial purposes

c. Hazardous Waste Transporter Insurance Information

Insurance Company _____

Address _____

Contact _____ Telephone _____

Policy Number _____ Expiration date _____

- d. **Transportation Mode** Air Rail Highway Water Other - specify _____

- e. **Hazardous Waste Transfer Facility:** Storage Volume _____

 Initial notification

The following items are required to be submitted with the initial notification for a transfer facility [Rule 62-730.171(3), Florida Administrative Code (F.A.C.)]:

- Certification by a responsible corporate officer of the transporter that the proposed location satisfies the criteria of Section 403.7211(2), Florida Statutes (F.S.) [Rule 62-730.171(3)(a)1., F.A.C.]
- Evidence of the transporter's financial responsibility [Rule 62-730.171(3)(a)3., F.A.C.]
- A brief general description of the transfer facility operations [Rule 62-730.171(3)(a)4., F.A.C.]
- A copy of the facility closure plan [Rule 62-730.171(3)(a)5., F.A.C.]
- A copy of the contingency and emergency plan [Rule 62-730.171(3)(a)6., F.A.C.]
- A map or maps of the transfer facility [Rule 62-730.171(3)(a)7., F.A.C.]
- Notification of changes in above items**
- Annual update notification**

EPA ID No.

B. Universal Waste (UW) Activities (Mark 'X' in all that apply) ("accumulated" means at any one time):

- Large Quantity Handler (LQH) = 5,000 kg (11,000 lb) or more of any combination of UW accumulated
- Small Quantity Handler (SQH) = always less than 5,000 kg accumulated
- Mercury-containing devices LQH = 100 kg (220 lb) or more accumulated by for-hire handler
- Mercury-containing devices SQH = less than 100 kg accumulated by for-hire handler
- Mercury-containing lamps LQH = 2,000 kg (4400 lbs/8,000 lamps) or more accumulated by for-hire handler
- Mercury-containing lamps SQH = less than 2,000 kg (8,000 lamps) accumulated by for-hire handler
- [Note: 4 lamps = 1 kg, 62-737.200(10)]
- Pharmaceuticals LQH = 5,000 kg or more of universal pharmaceutical waste (UPW) accumulated
- Pharmaceuticals LQH = more than 1 kg (2.2 lb) of acutely hazardous ("P-listed") pharmaceutical waste accumulated
- Pharmaceuticals SQH = always less than 5,000 kg of UPW and always 1 kg or less of acutely hazardous UPW accumulated

(1) For those Managing	Generate/ Accumulate	Transport (see note in instructions)	Handle at Transfer Facility	(2) Enter your estimate of the maximum amount (in pounds) of each type of UW on site or transported at any one time.
a. Batteries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
b. Pesticides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
c. Pharmaceuticals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
d. Mercury Containing Devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
e. Mercury Containing Lamps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

(3) Mercury Recovery and/or Reclamation Facility Note: A hazardous waste permit is required for this activity. [Rule 62-737.800, F.A.C.]
[Chapter 62-737, F.A.C.]

(4) Reverse Distributor of UW Pharmaceuticals Lamps Devices

(5) Destination Facility for UW Note: for this activity, a facility must treat, dispose or recycle a UW. A permit is required for storage prior to recycling.

C. Used Oil Activities:

(1) Used Oil Transporter - indicate type(s) of activity(ies):

- a. Transporter
- b. Transfer Facility

(2) Collection Center

(3) Used Oil Processor (A permit is required for this activity.)

(4) Off-Specification Used Oil Burner

(5) Used Oil Fuel Marketer

(6) Used Oil Filter

- a. Transporter
- b. Transfer Facility
- c. Processor
- d. End User

(8) Specific Certification to be signed by all Used Oil Transporters

I certify as a Used Oil Transporter that the training program and financial responsibility required under Section 62-710.600, F.A.C., are in place, current and being adhered to. If any modifications have been made to the originally approved training program, they are explained in attachments to this registration form. Evidence of financial responsibility is demonstrated by the attached Used Oil Transporter Certificate of Liability Insurance, DEP form 62-710.901(4), F.A.C.

Signature of Authorized Person _____

Print Name of Authorized Person _____

(7) Used Oil Transporters, Transfer Facilities, Collection Centers, Off-Specification Burners and Marketers must pay an annual \$100 registration fee. Used Oil Processors are exempt from this fee. If applicable, enclose a check or money order, in the amount of \$100, payable to Florida Department of Environmental Protection.

A check is enclosed.

(9) The records required under the provisions of Rule 62-710.510, F.A.C., are kept at (check one):

- our mailing (business) address
- The site (facility) address

EPA ID No.

D. Other State Regulated Waste Activities:

- Petroleum Contact Water (PCW) Handler** [Chapter 62-740, F.A.C.]
 Note: A water facility permit may be required for this activity.

10. Waste Codes for Federally Regulated Hazardous Wastes: List the waste codes of the Federal hazardous wastes handled at your facility. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112).
 Hazardous waste transporters list codes routinely or usually transported. Use an additional page if more spaces are needed.

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

11. Other Status Changes (Mark 'X' in all that apply):

A. Non-Handler of Regulated Waste at This Facility

- (1) Business no longer generates, transports, treats, stores, or disposes of hazardous waste
 (2) Waste generated by business has been delisted.
 (3) Other (explain) _____

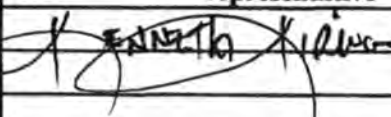
B. Facility Closed

- (1) Closed at this location and **moved or moving** to another - submit a new Form 8700-12FL for the new location if you will be handling regulated waste there.
 (2) Out of Business - Business closed on May 26th 2006 (Date). Please provide a contact person, mailing address, and phone number where you can be reached after closing.

Contact: KENNETH KILMAN Phone: (813) 619-6751
 Address: 2901 Morgan Way
 City, State, Zip: Florida 33813

- C. Property Tax Default** **D. Petition for Bankruptcy Protection**

12. Certification: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. If I have notified as a transfer facility, I am aware that transfer facilities must comply with the requirements of Rule 62-730.171, FAC, and Rule 62-730.182, FAC.

Signature of owner, operator, or an authorized representative	Print Name and Title	Date Signed (mm-dd-yyyy)
	KENNETH KILMAN	4/19/11

If the person who filled in this form is not the Facility Contact or Operator, please complete the information below:

(Name of person completing this form) _____ (Phone Number) _____ (E-mail Address) _____

13. Comments:

Site No. 11

Sun Clean Dry Cleaners

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD

County: Brevard

Facility ID#: 9502881

Name: Sun Clean Dry Cleaners
190 Malabar Rd #123
Palm Bay, FL 32907

Contact: Frank Wolf

Phone: 407-254-2224

Type: Dry Drop-Off

Status: Closed

Latitude: 27:59:55.6548

Longitude: 80:40:30.4181

LL Method: DGPS

LL Status: REVIEWED

Status Date: 12//31/2003

Account Owner Information

Name: Josh Enterprises Inc
310 N Harbor City Blvd
Melbourne, FL 32935

Phone: 407-254-2224

Effective Date: 11/27/1995

Placard#/Date: -

No Tank Owner information found!

No Tank Information found!

*****Note: Construction, Piping, and Monitoring Info not shown
for CLOSED tanks (Status of A or B).**

No Insurance Documents found!

No OPEN violations found!

No Discharge Information Found!

End of Data for Facility #: 9502881

Site No. 12

Winn-Dixie Store #2230

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD	Type: Fuel User/Non-Retail
County: Brevard	Status: Open
Facility ID#: 9809265	Latitude: 27:59:51.6503
Name: Winn-Dixie Store #2230	Longitude: 80:40:32.8927
190 Malabar Rd Sw	LL Method: DPHO
Palm Bay, FL 32907	LL Status: REVIEWED
Contact: Larry Goodwin	Status Date: 09//18/2018
Phone: 407-578-4064	

Account Owner Information

Name: Winn-Dixie Stores Inc June Ross	Effective Date: 06/07/2007
Po Box 2209	Placard#/Date: 577096 - 06/04/2020
Attn: June Ross - L & P Dept	
Jacksonville, FL 32203	
Phone: 904-783-5578	

Tank Owner Information

Name: Winn-Dixie Stores Inc June Ross	Effective Date: 06/07/2007
Po Box 2209	
Attn: June Ross - L & P Dept	
Jacksonville, FL 32203	
Phone: 904-783-5578	

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
1	2600	Emerg Generator Diesel	06/01/2007	ABOVE	U	C N M I O P	A I	Q F

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

Most Recent Insurance Document

FR Type	Effective Date	Expiration Date	Company Name
Insurance	07/20/2019	07/20/2020	Ace American Insurance Company

Insurance	07/20/2018	07/20/2019	Ace American Insurance Company
Insurance	07/20/2017	07/20/2018	Ace American Insurance Company
Insurance	07/20/2016	07/20/2017	Ace Amer Ins Co
Insurance	07/20/2015	07/20/2016	Ace
Self-Insurance - Letter From Chief Financial Officer	05/01/2015	05/01/2016	
Self-Insurance - Letter From Chief Financial Officer	05/01/2014	05/01/2015	
Self-Insurance - Letter From Chief Financial Officer	05/01/2013	05/01/2014	
Self-Insurance - Letter From Chief Financial Officer	10/30/2011	05/01/2013	
Self-Insurance - Letter From Chief Financial Officer	05/01/2013	05/01/2013	
Self-Insurance - Letter From Chief Financial Officer	10/30/2010	10/30/2011	
Self-Insurance - Letter From Chief Financial Officer	10/14/2009	10/14/2010	
Insurance	01/27/2008	01/27/2009	Commerce & Industry

Other Financial Responsibility Mechanisms on File

FR Type	Effective Date	Expiration Date
Insurance	07-20-2015	07-20-2016
Insurance	01-27-2008	01-27-2009

No OPEN violations found!

No Discharge Information Found!

End of Data for Facility #: 9809265



FLORIDA DEPARTMENT OF Environmental Protection

CONTRACTED LOCAL PROGRAM
2725 Judge Fran Jamieson Way
Building A, Room 219
Viera, Florida 32940

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

April 16, 2020

Lawrence Melvin
Generator and Operation Support Manager
City Facilities Management (FL) LLC
8211 Cypress Plaza Dr.
Jacksonville, FL 32256

RE: In Compliance

One (1) Brevard County storage tank facility:
Winn Dixie #2230, 190 Malabar Road, Palm Bay, FL 32907
FDEP Facility ID number: 05/9809265
Brevard County Natural Resource Management Department – Storage Tanks

Dear Mr. Melvin:

A storage tank inspection and file review was conducted at one of your facilities on Tuesday, April 14, 2020 by the Brevard County Natural Resource Management Office, on behalf of the Florida Department of Environmental Protection. Based on the information provided during the inspection, the facility was determined to be in compliance with the Department's storage tank rules and regulations. A copy of the inspection report is attached for your records.

The Department sincerely appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact me at (321) 350-8419 or chris.ulrich@brevardfl.gov.

Respectfully,


Chris Ulrich
Compliance Inspector

Enclosure



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

DEP Form # 17-761.900(2)
Form Title <u>Storage Tank Registration Form</u>
Effective Date <u>July 13, 1998</u>
DEP Application No. _____ (Filled in by DEP)

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

#9809265

Please check all that apply	<input checked="" type="checkbox"/> New Registration	<input type="checkbox"/> New Owner	<input checked="" type="checkbox"/> New Tanks
	<input type="checkbox"/> Facility Info Update/Correction	<input type="checkbox"/> Owner Info Update/Correction	<input type="checkbox"/> Tank Info Update/Correction

A. FACILITY INFORMATION

County: <u>Brevard</u>	DEP Facility ID: <u>Pending</u>
------------------------	---------------------------------

Facility Name: Winn-Dixie Store #2230
 Facility Address: 190 Malabar Rd SW City: Palm Bay Zip: 32907
 Facility Contact: Larry Goodwin Business Phone: (407) 578-4064
 Facility Type(s): C NAICS Code: 445110 Financial Responsibility: Commerce & Industry

24 Hour Emergency Contact: Larry Goodwin Emergency Phone: (704) 468-5448

B. RESPONSIBLE PERSON INFORMATION - Identify Individual(s) or Business(es) responsible for storage tank management, fueling operations, and/or cleanup activities at the facility location named above. Provide additional information in an attachment if necessary.

Name: <u>Winn-Dixie Stores, Inc.</u>	Facility - Responsible Person Relation Type:	Effective Date
Mail address: <u>5050 Edgewood Ct.</u>	<input checked="" type="checkbox"/> Facility Account Owner (pays fees)	<u>June 2007</u>
City, ST, Zip: <u>Jacksonville, FL 32254</u>	Facility Account Owner information must be provided when the facility contains active or out of service storage tanks on site.	
Contact: <u>Shawn Sloan</u>	STCM Account Number (if known) <u>24197</u> 24197	
Telephone: <u>(904) 370-6021</u>		
Identify other appropriate facility relationships for this party: <input checked="" type="checkbox"/> Facility Owner/Operator <input type="checkbox"/> Property Owner <input checked="" type="checkbox"/> Storage Tank Owner		

Name: <u>Edens & Advant FinancingII, Limited Partnership</u>	Other owner, relationship type(s)	Effective Date
Mail address: <u>C/O Edens & Avant P.O Box 528</u>	<input type="checkbox"/> Facility Owner/Operator	
City, ST, Zip: <u>Columbia SC 29202-0000</u>	<input checked="" type="checkbox"/> Property Owner	<u>6/3/20</u>
Contact: <u>Julie Masten</u>	<input type="checkbox"/> Storage Tank Owner	
Telephone: <u>(407) 261-9111</u>	<input type="checkbox"/> Other:	

C. TANK/VESSEL INFORMATION - Complete one row for each storage tank or compression vessel system located at this facility.

Tank ID	T/V	A/U	Capacity	Installed	Content	Status/Effective Date	Construction	Piping	Monitoring
1	T	A	2,600	06/07	G	U 06/07	C, M, N, O, P, I	A, I	Q, F

Certified Contractor (performing tank installation or removal): Chinchor Electric, Inc. DBPR License No.: EC 0002457

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

William E. Reed, Director
Printed Name & Title

[Signature]
Signature

24-May-07
Date

DEP 62-761.900(2)

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



Florida Department of Environmental Protection

Hazardous Waste Facilities Search Results

Selection Criteria for This Handler Search:

EPAID: FLR000203208

For Facility Data Links:

Activities -- provides a list of RCRA compliance activities and violations.

Mapping in GIS -- this opens a **[NEW IMPROVED]** GIS mapping tool focused on the facility.

Documents -- this provides a list of electronic documents available online.

Error Reporting -- send us feedback to address data errors.

County Verification -- County or RPC verification of Facility and Waste for this site.

For a Generator Status History:

click on the **Status**. - **NNOT** indicates a facility is a Non-Notifier and may not have been issued the associated EPAID - **Check with DEP before using that EPAID!**

[Legend of Status Types](#)

EPA ID	Name	County	Address	Contact	Status	As of	Data Links
FLR000203208	Winn-Dixie #2230	Brevard	190 Malabar Rd SW Palm Bay, FL 32907	Lori Hodge 9042668029	CES	8/22/2013	A M D E C

Search has retrieved 1 Facilities

Legend of Status Types:

LQG - Large Quantity Generator

SQG - Small Quantity Generator

CES - Conditionally Exempt Small Quantity Generator

UOT - Used Oil Transporter

TRA - Hazardous Waste Transporter

TSD - Treatment/Storage/Disposal Facility

CLO - Closed

NHR - Non-Handler of Hazardous Waste



Florida Department of Environmental Protection

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

Rick Scott
Governor

Herschel T. Vinyard Jr.
Secretary

09/20/2013
Lori Hodge, Environmental Director
Winn-Dixie #2230
10500 W Beaver St
Jacksonville, FL 32220-2152

The Florida Department of Environmental Protection has reviewed your form 8700-12FL notification for a new hazardous waste DEP/EPA Identification Number or status/information change. Based on the information received you must use the following identification number for all manifests or reports for **Winn-Dixie #2230** located at **190 Malabar Rd SW, Palm Bay , FL32907-2937**

FLR000203208

Your facility notified FDEP requesting the following hazardous waste status/activities which **do not require a separate submission: Conditionally Exempt SQG; Universal Waste Lamps, Universal Pharmaceuticals.**

Your facility is **currently registered** for the following activities: **None.**

Your facility is **currently permitted/active** as: **No Active Hazardous Waste Treatment, Storage, or Disposal Permit.**

If you have pending program registrations/certifications or permits, these will be mailed separately. You are required to notify us on form 8700-12FL if there is any change in your operations which would affect your status, activity or contact information. The form is found here:

<http://www.dep.state.fl.us/waste/categories/hwRegulation/pages/NotificationRegulatedWaste.htm>.

To review the details of your status, visit:

http://appprod.dep.state.fl.us/www_RCRA/Reports/handler_results.asp?epaid=FLR000203208.

For further assistance, please contact me at (850) 245-8749 or email at

Glen.Perrigan@dep.state.fl.us .

Sincerely,

FOR

Glen Perrigan
Environmental Manager
Hazardous Waste Regulation Section

ME ID: 110059 , Email Address: lorihodge@winn-dixie.com

Site No. 14

Bob Youtzy Landclearing

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD	Type: Fuel User/Non-Retail
County: Brevard	Status: Closed
Facility ID#: 8736724	Latitude: 27:59:58.1176
Name: Bob Youtzy Landclearing 201 Malabar Rd Nw Palm Bay, FL 32907-2946	Longitude: 80:40:25.4920
Contact: Bob Youtzy	LL Method: DPHO
Phone: 305-724-2720	LL Status: REVIEWED
	Status Date: 07//30/2009

Account Owner Information

Name: Youtzy, Bob 201 Malabar Rd Nw Palm Bay, FL 32907-2946	Effective Date: 12/15/1987
Phone: 407-724-2720	Placard#/Date: -

Tank Owner Information

Name: Youtzy, Bob 201 Malabar Rd Nw Palm Bay, FL 32907-2946	Effective Date: 12/15/1987
Phone: 407-724-2720	

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
1	300	Vehicular Diesel		ABOVE	B			
2	300	Unleaded Gas		ABOVE	B			
3	1000	Vehicular Diesel	09/01/1987	ABOVE	B			

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

No Insurance Documents found!

No OPEN violations found!

No Discharge Information Found!

End of Data for Facility #: 8736724



Postcard Notification Form Underground Storage Tanks Less Than or Equal to 550 Gallons

1. Facility previously registered with DER? Yes No
2. DER Facility Number, if known 058736724
3. Business/Site Name: Bob Youtzy Landclearing
 Physical Location: Street 201 Malabar Rd. NW
 City Palm Bay FL Zip 32907 County Brevard
4. Tank Owner: Name Bob Youtzy
 Mailing Address 201 Malabar Rd. NW.
 City Palm Bay State Fl. Zip 32907 Telephone (305) 724-2720
5. Tanks: Number of Tanks Owned: 3

Complete the following chart using the codes listed below for all tanks with capacity of 550 gallons or less, (use additional pages if needed.)

Tank	Size (in gallons)	Contents	Status	Placement
1	1,000	D ^{off road}	U	AV
2	300	B	U	AV
3	300	D	U	AV
4				
5				
6				

If assistance is needed in completing this form, please call:

904/488-0300
or 1-800-422-LEAK

Signature of Tank Owner or Authorized Representative

Mrs. Nancy (Bob) Youtzy

Date: November 30, 1987

Codes and Instructions for Use in Question 5:

CONTENTS:

- A = leaded gasoline
- B = unleaded gasoline
- C = unleaded gasohol
- D = vehicular diesel
- F = aviation gas
- G = jet fuel
- K = kerosene
- L = used (waste) oil
- M = diesel (boilers & generators)
- N = leaded gasohol
- O = new oil
- V = hazardous substance (write in name)

STATUS:

- U = currently in use
- I = Temporarily out of use with intent for future use

If permanently out of use indicate whether:

- A = abandoned and filled with an inert material
- E = abandoned and left empty
- F = abandoned with product remaining
- B = removed from location

PLACEMENT:

- Underground:
 - UW = underground (10% or more buried)
- Aboveground:
 - (more than 90% is not buried)
 - AC = incontact with ground (pervious base)
 - AV = elevated above ground



STATE OF FLORIDA
 Department of Environmental Regulation
 STORAGE TANK NOTIFICATION FORM
 Form 17-61.090 (3)

RECEIVED

OCT 11 1990

RECEIVED
 NATURAL RESOURCES MGT.

PLEASE PRINT OR TYPE

- (1) DER facility number (if known) 058736724 (2) County Code 3905
 (3) Original registration 12/14/87 data revision _____
 (4) Facility type (see code list (4) on back) C

98 OCT 16 AM 11:3905
 STORAGE TANK
 REGULATORY DATA ENTERED

(5) Facility name Bob Youtzy Landclearing
 Street address/city/state/zip _____
201 Malabar Rd. NW Palm Bay, FL 32907 OCT 22 1990
 Mailing address/city/state/zip (same) _____

(6) Operator Bob Youtzy Telephone # (407) 724-2720
 New operator date (only for change of operator) 1/1

(7) Company/person owning tank(s) and piping Bob Youtzy
 Company address/city/state/zip SAME AS ABOVE

Contact person Bob or Nancy Youtzy Telephone # (407) 724-2720
 New owner date (only for change of owner) 1/1

(8) Location (if available): Latitude _____ Longitude _____
 Section 36 Township 28 South Range 36 East

PLEASE FILL OUT ONE LINE FOR EACH TANK WITH CODES LISTED ON BACK

Fill out columns (9) through (16) for tanks in use, and (17) through (19)
 for tanks out of use

(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1								B	O	June 15, 1988
2								B	O	Aug 15, 1990

17, 18, 19 for tanks
 retrofitted, removed
 abandoned, etc.

(20) Pollutant Storage System Specialty DPR # _____
Contractor Name Department of Professional Regulation
 For new tank installation or tank removal Certificate Number _____

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

Bob Youtzy, Owner
 Print name and title of owner, operator
 or authorized person

Bob Youtzy
 Signature

Aug 14, 1990
 Date



STATE OF FLORIDA
 Department of Environmental Regulation
 STORAGE TANK NOTIFICATION FORM
 Form 17-61.090 (3)

add tank

VIOLATION
 (IMPROPER ABOVE GROUND CONSTRUCTION)

PLEASE PRINT OR TYPE

(1) DER facility number (if known) 058X36724 (2) County Code 05
 (3) Original registration X date revision X
 (4) Facility type (see code list (4) on back) C

Tank (s)
Location

(5) Facility name Bob Youtzy Landclearing
 Street address/city/state/zip 201 Malabar Road, NW Palm Bay, FL 32907
 Mailing address/city/state/zip Same

(6) Operator Bob Youtzy Telephone # (305) 724-2720
 New operator date (only for change of operator) 1/1

(7) Company/person owning tank(s) and piping Bob Youtzy
 Company address/city/state/zip Same as above

Contact person Nancy ~~Bob~~ Youtzy Telephone # (305) 724-2720
 New owner date (only for change of owner) 1/1

(8) Location (if available): Latitude ° ' " Longitude ° ' "
 Section N/A Township _____ Range _____

PLEASE FILL OUT ONE LINE FOR EACH TANK WITH CODES LISTED ON BACK

Fill out columns (9) through (16) for tanks in use, and (17) through (19) for tanks out of use

(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
<u>3</u>	<u>1000</u>	<u>D</u>	<u>9/10/87</u>	<u>A</u>	<u>W</u>	<u>A</u>	<u>I</u>			

17, 18, 19 for tanks retrofitted, removed abandoned, etc.

(20) X _____ DPR # X _____
 Pollutant Storage System Specialty Department of Professional Regulation
 Contractor Name Certificate Number
 For new tank installation or tank removal

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

Bob Youtzy, Owner
 Print name and title of owner, operator or authorized person

Bob Youtzy Dec. 14, 1987
 Signature Date

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



CAROL M. BROWNER
 SECRETARY

LAWTON CHILES
 GOVERNOR

YOUTZY, BOB
 201 MALABAR RD NW
 PALM BAY FL 32907

INVOICE
 No. 058736724-0001
 Date: 07/09/91
 Page: 1 of 1

RECEIVED
 D.E.R.
 91 AUG -6 PM 1:22
 STORAGE TANK
 REGISTRATION

FACILITY ID: 058736724

PREVIOUS CHARGES:

1 Renewal charge(s) @ 25.00 \$ 25.00

TOTAL CHARGES INCURRED: \$ 25.00

PAYMENTS RECEIVED:

TOTAL AMOUNT PAID: \$ 0.00

TOTAL AMOUNT DUE: \$ 25.00

Amount due must be submitted immediately.
 Make check payable to: Department of Environmental Regulation
 For Journal Transfer Use: 56 20 2 212001 56000000 00 000100

Please return this portion along with your remittance to:
 STORAGE TANK REGISTRATION
 2600 BLAIRSTONE ROAD, TALLAHASSEE, FL 32399-2405

Facility ID: 058736724
 Name: YOUTZY LANDCLEARING, BOB
 Location: 201 MALABAR RD NW
 PALM BAY

Date: 07/09/91

TOTAL CHARGES INCURRED: \$ 25.00
 TOTAL AMOUNT PAID: \$ 0.00
 TOTAL AMOUNT DUE: \$ 25.00

Please check here if facility is strictly agricultural _____.
 If any information on this form is incorrect, written documentation or a
 revised registration form (17-761.900(2)) must be included.

0 058736724

For further assistance, please call (904) 487-7077.

DATA ENTERED

July 29, 1991

To ~~Whom It May Concern,~~
AUG 22 1991

~~BY~~ We have not had any storage tanks on our property for two (2) years.

Sincerely,

Nancy Youtzy
(Mrs. Bob Youtzy)
Secretary for
Bob Youtzy Landclearing

RECEIVED
D.E.R.
91 AUG -8 PM 1:22
STORAGE TANK
REGULATION

Site No. 16

7-Eleven Food Store #32756

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD	Type: Retail Station
County: Brevard	Status: Open
Facility ID#: 9802043	Latitude: 27:59:55.7587
Name: 7-Eleven Food Store #32756	Longitude: 80:40:20.4614
6405 Minton Rd Se	LL Method: DPHO
Palm Bay, FL 32908-3466	LL Status: REVIEWED
Contact: David Petersen	Status Date: 01//04/2019
Phone: 407-403-2995	

Account Owner Information

Name: 7-Eleven Inc - Gasoline Comp Dept 0148	Effective Date: 09/24/1999
Po Box 711	Placard#/Date: 585490 - 06/18/2020
Attn: Mgr-FI Region Gas & Envirn Compl	
Dallas, TX 75221-711	
Phone: 407-403-2995	

Tank Owner Information

Name: 7-Eleven Inc - Gasoline Comp Dept 0148	Effective Date: 09/24/1999
Po Box 711	
Attn: Mgr-FI Region Gas & Envirn Compl	
Dallas, TX 75221-711	
Phone: 407-403-2995	

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
1	10000	Unleaded Gas	09/01/1999	UNDER	U	E	N	F
						I	M	H
						N	J	K
						M	K	2
						O		3
2	10000	Unleaded Gas	09/01/1999	UNDER	U	E	N	F
						I	M	H
						M	J	K
						N	K	2
						O		3
3	10000	Unleaded Gas	09/01/1999	UNDER	U	E	N	F
						I	M	H
						M	K	K
						P		4

N	J	2
O		3
P		4

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

Most Recent Insurance Document

FR Type	Effective Date	Expiration Date	Company Name
Insurance	12/18/2015	12/18/2020	Ironshore Specialty Insurance
Insurance	12/18/2017	12/18/2018	Ironshore Specialty Insurance
Insurance	12/18/2015	12/18/2018	Ironshore Specialty Insurance
Insurance	12/18/2015	12/18/2017	Ironshore Specialty Insurance
Insurance	12/18/2015	12/18/2016	Ironshore Specialty Insurance
Insurance	12/18/2014	12/18/2015	Ironshore Specialty Insurance
Insurance	12/18/2013	12/18/2014	Ironshore Specialty Insurance
Insurance	12/18/2012	12/18/2013	Ironshore Specialty Insurance
Insurance	04/30/2011	04/30/2012	Illinois Union
Insurance	04/30/2010	04/30/2011	Illinois Union
Insurance	04/30/2009	04/30/2010	Illinois Union

Other Financial Responsibility Mechanisms on File

FR Type	Effective Date	Expiration Date
Insurance	12-18-2015	12-18-2017

No OPEN violations found!

Discharge Information

Discharge Date	Cleanup Status	Score	Eligibility Info	Site Manager	Phone
09/06/2018	Inactive	-		Grantham_Jw	(321)350-8428

End of Data for Facility #: 9802043



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

Facility Information:

Facility ID:	9802043	County:	BREVARD	Inspection Date:	10/09/2020
Facility Type:	A - Retail Station				
Facility Name:	7-ELEVEN FOOD STORE #32756			# of inspected ASTs:	0
	6405 MINTON RD SE			USTs:	3
	PALM BAY, FL 32908-3466			Mineral Acid Tanks:	0
Latitude:	27° 59' 55.7587"				
Longitude:	80° 40' 20.4614"				
LL Method:	DPHO				

Inspection Result:

Result: In Compliance

Signatures:

TKBVNR - BREVARD COUNTY NATURAL RESOURCES MGMT OFFICE (321) 633-2017

Storage Tank Program Office and Phone Number

Chris A. Ulrich

Inspector Name

Inspector Signature

Principal Inspector

BREVARD COUNTY NATURAL RESOURCES MGMT OFFICE Inspector

Ray Furtado

Representative Name

Representative Signature

Inspector MVI

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

Financial Responsibility:

Financial Responsibility: INSURANCE

Insurance Carrier: IRONSHORE SPECIALTY INSURANCE CO

Effective Date: 12/18/2015

Expiration Date: 12/18/2020

Findings:

Class A Owner Training Certificates are present.

Class B Maintenance Training Certificates are present.

Class C Operator Training Certificates are present.

Completed System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Annual Operability - Release Detection	07/18/2019	Passed	10/07/2020	07/18/2020	2 mech. gauges & 1 dipstick - Tanknology
Annual Operability - Release Detection	07/17/2020	Passed	10/07/2020	07/17/2021	1 dipstick & 2 mech. gauges - Tanknology
Annual Operability - Line Leak Detector	07/17/2020	Passed	10/07/2020	07/17/2021	2 Vaporless - Tanknology
Annual Operability - Overfill Protection	07/17/2020	Passed	10/07/2020	07/17/2021	3 OPW devices - Tanknology
Annual Operability - Overfill Protection	08/31/2020	Passed	10/07/2020	08/31/2021	OPW device - T2 - Tanknology
Annual Operability - Line Leak Detector	07/18/2019	Passed	10/07/2020	07/18/2020	2 Vaporless - Tanknology
Breach of Integrity Test	09/11/2018	Passed	10/23/2018	09/11/2021	Tanknology hydro tested UDC 1/2, 5/6, 7/8, & 11/12
Annual Operability - Release Detection	07/18/2019	Passed	10/07/2020	07/18/2020	12 shear valves - Tanknology
Annual Operability - Release Detection	07/18/2019	Passed	10/07/2020	07/18/2020	V/R TLS350 - Tanknology
Annual Operability - Overfill Protection	07/18/2019	Passed	10/07/2020	07/18/2020	3 OPW devices - Tanknology
Breach of Integrity Test	09/14/2018	Passed	10/23/2018	09/14/2021	PEC performed post construction (boot install) hydro on UDL 9/10
Integrity Test - Double-walled Spill Bucket	08/31/2020	Passed	10/07/2020	08/31/2023	RUL bucket syphon - vacuum - Tanknology
Annual Operability - Release Detection	07/17/2020	Passed	10/07/2020	07/17/2021	12 shear valves - Tanknology
Breach of Integrity Test	08/03/2017	Passed	10/23/2018	08/03/2020	Tanknology vacuum tested double-wall spill buckets
Breach of Integrity					Tanknology hydro tested all

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Breach of Integrity Test	10/24/2018	Passed	10/26/2018	10/24/2021	syphon, & PUL) PEC performed hydro in UDL 3/4, post construction (new entry boots)
Integrity Test - Dispenser Sump	06/03/2019	Passed	10/07/2020	06/03/2022	UDCs 3/4 & 9/10 - hydro - Tanknology
Annual Operability - Release Detection	07/17/2020	Passed	10/07/2020	07/17/2021	V/R TLS350 - Tanknology
Integrity Test - Double-walled Spill Bucket	07/17/2020	Passed	10/07/2020	07/17/2023	3 buckets - vacuum - Tanknology

Reviewed Records

Record Category	Record type	From Date	To Date	Reviewed Record Comment
Two Years	Repair, Operation and Maintenance Records	10/19/2018	10/09/2020	
Two Years	Certificate of Financial Responsibility	12/18/2019	10/09/2020	
Two Years	Monthly Maint. Visual Examinations and Results	10/22/2018	09/03/2020	MVI
Two Years	Electronic Release Detection Equip. Monthly Checks	10/22/2018	09/03/2020	MVI

Site Visit Comments

10/09/2020

On site at about 9:45 AM.

Inspection Comments

10/16/2020

Current registration placard: copy provided. Another copy is posted on the store's bulletin board.

Checked all sumps, fills and under dispenser liners: All OK.

Liquid Status report obtained from VeederRoot monitoring system: All functions normal.

Report lists 3 interstitial sensors and 3 STP sumps sensors.

Annual operability test refers to the re-certification of the VeederRoot tank monitor system.

Recent annual compliance testing and the required integrity tests were performed by Tanknology.

Store operator AB certificate is on file. A list of current C operators is available at the facility.

Inspection Photos

Facility ID: 9802043

Added Date 10/16/2020

9Oct20 liquid status





Department of Environmental Protection

2600 Blair Stone Road ♦ Tallahassee, Florida 32399-2400

DEP Form: 62-761.900(2)
Form Title: Storage Tank Facility Registration Form
Effective Date: July 2019
Incorporated in Rule 62-761.400, F.A.C.

Storage Tank Facility Registration Form

Review Registration Instructions Before Completing this Form

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

Please check all that apply: New Registration New Owner New Tanks
 Existing Facility Info Update/Correction Existing Owner Info Update/Correction Existing Tank Info Update/Correction

A. FACILITY INFORMATION County: Brevard DEP Facility ID: 9802043
Facility Name: 7-ELEVEN FOOD STORE #32756
Facility Address: 6405 Minton Rd SE City: Palm Bay Zip: 32908 3466
Facility Contact: DAVID PETERSEN Business Phone: (407) 403-2995
Facility Type(s): A Financial Responsibility Mechanism (choose): Insurance Other
24 Hour Emergency Contact: Emergency Phone:

B. ACCOUNT OWNER INFORMATION: Identify the Party responsible for payment of Registration Fees at the facility location named above
Legal Entity: 7-ELEVEN INC - GASOLINE COMP DEPT 0148 Ownership Effective Date: _____
Contact Person: JOSE RIOS / MILEI AVILES / DAVID PETERSEN STCM Account Number (if known): 20385
Address: PO BOX 711 ATTN: FL REGION COMPLIANCE MGR
City: Dallas State: TX Zip: 75221 0711
Telephone: (407) 403-2995 Email Address: DAVID.PETERSEN@7-11.COM

C. REAL PROPERTY OWNER INFORMATION: Identify the Party that is vested with ownership, dominion or legal or rightful title to the real property
Legal Entity: Please see the attached sheet Ownership Effective Date: _____
Contact Person: _____
Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____ Email Address: _____

D. TANK/VESSEL INFORMATION: Complete one row for each storage tank or compression vessel system located at this facility (see Registration Instructions for codes)

Tank ID	T or V	A or U	Capacity	Installation Date	Content Code	Status	Effective Date	Construction	Piping	Monitoring
1										
2										
3										
4										
5										
6										
7										
8										

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

The person signing this form is the: (check all that apply)

Account Owner (Responsible for Registration Fees) Real Property Owner

John Meyer
Signature (right click to sign)
John Meyer
Printed Name

09/29/2020
Date

Title

Other Additional Details

Property Owner(s)

Company Name: 7-ELEVEN INC - GASOLINE COMP DEPT 0148
Name: JOSE RIOS / MILEI AVILES / DAVID PETERSEN
Address Line 1: PO BOX 711
Address Line 2: ATTN: FL REGION COMPLIANCE MGR
City: Dallas
State: TX
Zip Code: 75221
Phone Number: (407) 403-2995
Cell Number:
Fax Number:
E-mail Address: DAVID.PETERSEN@7-11.COM

Tank/Vessel Information

If you are editing the Tank ID, Installation Date or Tank Capacity, the new input will not be stored. To modify a Tank ID, Installation Date or Tank Capacity you must contact the Storage Tank registration staff at (850) 245-8839 or by e-mail at TankRegistration@dep.state.fl.us

Tank ID: 1
T/V: TANK
A/U: UNDERGROUND
Capacity: 10000
Installed: 09/01/1999
Content: B
Status: U
Status Effective Date: 09/01/1999
Construction: E, M, N, O, P, I
Piping: N, M, J, K
Monitoring: F, H, K, 2, 3, 4

Tank ID: 2
T/V: TANK
A/U: UNDERGROUND
Capacity: 10000
Installed: 09/01/1999
Content: B
Status: U
Status Effective Date: 09/01/1999
Construction: E, M, N, O, P, I
Piping: N, M, J, K

Monitoring:	F, H, K, 2, 3, 4
Tank ID:	3
T/V:	TANK
A/U:	UNDERGROUND
Capacity:	10000
Installed:	09/01/1999
Content:	B
Status:	U
Status Effective Date:	09/01/1999
Construction:	E, M, N, O, P, I
Piping:	N, M, J, K
Monitoring:	F, H, K, 2, 3, 4



Site Assessment Report

7-Eleven, Inc. Store No. 32756
6405 Minton Road
Palm Bay, Brevard County, Florida
FACID 05/9802043

Submitted to:
Brevard County Natural Resources Management
2725 Judge Fran Jamieson Way, Bldg. A, Room 219
Viera, FL 32940

Submitted by:
Aptim Environmental & Infrastructure, LLC.
1228 Winter Garden Vineland Road
Winter Garden, Florida 34787

Submitted on Behalf of:
7-Eleven, Inc.
Shellena Hussein, MES II
PO BOX 711 (Loc 148)
Dallas, TX 75221

Project No. 631832002504
June 2019

SITE ASSESSMENT REPORT

***7-Eleven Store, Inc. No. 32756
6405 Minton Road
Palm Bay, Brevard County, Florida
FDEP Facility ID No. 05/9802043
Non-Program Site***

Prepared for:
Jeffrey Grantham
Brevard County Natural Resources Management
2725 Judge Fran Jamieson Way, Bldg. A, Room 219
Viera, FL 32940

Prepared by:
Aptim Environmental & Infrastructure, LLC.
1228 Winter Garden Vineland Road
Winter Garden, Florida 34787

Project No. 631832002504
June 2019

Prepared By:



Daniel Roebke
Project Manager

6/4/2019
Date

PROFESSIONAL CERTIFICATION

PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA


For

SITE ASSESSMENT REPORT

7-Eleven Store No. 32756
6405 Minton Road
Palm Bay, Brevard County, Florida
FDEP Facility ID No. 05/9802034
Non-Program Site

In accordance with the provisions of Florida Statutes, Chapter 471, this Site Assessment Report for 7-Eleven 32756 in Palm Bay, Brevard County, FL has been prepared under the direct supervision of a Professional Engineer registered in the State of Florida. I have completed and/or been in responsible charge of work completed by a qualified engineer/scientist working directly under my supervision. This work was performed in accordance with generally accepted professional engineering practices pursuant to Chapter 471 of the Florida Statutes, and other applicable rules and regulations of the state of Florida. The data, findings, recommendations, specifications or professional opinions were prepared solely for the use of the Florida Department of Environmental Protection.

Aptim Environmental & Infrastructure, Inc., (Certificate of Authorization Number 9317) is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Reviewed by 
Adam J. Blackford, PE
State of Florida License No. 82299
Date: 6-4-19




Table of Contents

List of Tables	ii
List of Figures	ii
List of Appendices	ii
List of Acronyms and Abbreviations.....	iii
1.0 Introduction and Scope of Work.....	1-1
2.0 Background.....	2-1
2.1 Area of Investigation.....	2-1
2.2 Previous Assessment Activities	2-1
2.3 Site Chronology.....	2-1
3.0 Site Assessment Activities and Results	3-2
3.1 Water Well and Facility Survey and Area Land Use	3-2
3.2 Initial Investigation.....	3-2
3.3 Well Installation and Soil Assessment.....	3-3
3.4 Groundwater Sample Collection and Results	3-3
3.5 Water Level Measurements.....	3-4
3.6 Site Lithology.....	3-5
3.7 Slug Tests and Results.....	3-5
4.0 Summary and Recommendation.....	4-7
5.0 Limitations.....	5-1

List of Tables

Table 1	Supply Well Survey
Table 2	Facility Survey
Table 3	PID Data and Lithologic Description
Table 4	Soil Analytical Summary
Table 5	Monitor Well Construction Details
Table 6	Groundwater Analytical Summary
Table 7	Groundwater Elevation Data

List of Figures

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Supply Well and Facility Survey Map
Figure 4	Area Land Use Map
Figure 5	Soil Analytical Summary Map
Figure 6	Groundwater Analytical Summary Map (January 7, 2019)
Figure 7	Groundwater Analytical Summary Map (January 23, 2019 and March 18, 2019)
Figure 8	Groundwater Elevation Contour Map (January 7, 2019)
Figure 9	Groundwater Elevation Contour Map (January 23, 2019)
Figure 10	Groundwater Elevation Contour Map (March 18, 2019)
Figure 11	Lithological Cross-Section A-A'

List of Appendices

Appendix A	Discharge Report Form
Appendix B	Under Dispenser Containment 9/10 Sampling Analytical
Appendix C	Field Documents
Appendix D	Laboratory Analytical Reports and Chain-of-Custody Records
Appendix E	Slug Test Report

List of Acronyms and Abbreviations

7-Eleven	7-Eleven, Inc.
APTIM	Aptim Environmental & Infrastructure, Inc.
BCRNM	Brevard County Natural Resources Management
bls	below land surface
BTEX	sum of benzene, toluene, ethylbenzene, and xylene
btoc	below top-of-casing
DO	dissolved oxygen
DRF	Discharge Report Form
EDB	ethylene dibromide
EPA	Environmental Protection Agency
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
ft	foot or feet
GCTL	groundwater cleanup target level
MTBE	methyl tert-butyl ether
NADC	Natural Attenuation Default Concentration
OVA	organic vapor analyzer
PAHs	polynuclear aromatic hydrocarbons
PID	photoionization detector
ppm	parts per million
PVC	polyvinyl chloride
SCTL	soil cleanup target level
SOP	Standard Operating Procedure
TestAmerica	TestAmerica Laboratories, Inc.
TRPH	total recoverable petroleum hydrocarbon
UST	underground storage tank
VOA	volatile organic aromatics
VOH	volatile organic hydrocarbons

1.0 Introduction and Scope of Work

Aptim Environmental & Infrastructure, Inc. (APTIM) conducted an assessment around the under dispenser containment (UDC) at dispenser 9/10 on September 6, 2018 after a hydrostatic test failure of the containment was reported. APTIM collected soil and pea gravel samples, as well as groundwater samples, from the affected area. Results of the assessment revealed petroleum impacted soil and groundwater. Based on groundwater analytical results, 7-Eleven, Inc. (7-Eleven) filed a Discharge Report Form (DRF) on September 11, 2018, and contracted APTIM to conduct additional site assessment activities in accordance with Chapter 62-780, Florida Administrative Code (FAC). A copy of the DRF is provided in **Appendix A**.

Assessment activities performed as part of this Site Assessment Report included the installation of eight shallow monitoring wells, one deep monitoring well, and a recovery well. Groundwater and soil samples were collected for laboratory analysis.

2.0 Background

2.1 Area of Investigation

7-Eleven Store No. 32756 is located within Section 1, Township 29 South, Range 36 East, of the United States Geological Survey, Fellsmere NW, Florida, Topographic Quadrangle. A site location map is provided as **Figure 1**.

7-Eleven Store No. 32756 was constructed in 1999 on an approximate 1.22-acre parcel. The retail building is located in the center of the property, with the canopy in the north center of the property. The retail building was located on the central-eastern edge of the property. The site is primarily covered by concrete with landscaping surrounding the property. The UST area was located at the north of the site. The site layout is depicted on **Figure 2**.

2.2 Previous Assessment Activities

A review of the Florida Department of Environmental Protection (FDEP) OCULUS online database revealed there were no previous documented discharges at the site.

2.3 Site Chronology

The following is a chronological summary of recent environmental activities performed at the facility:

Date	Environmental Activity
September 6, 2018	Samples collected at UDC 9/10
September 11, 2018	DRF filed on behalf of 7-Eleven, Inc.
January 3, 2019	APTIM mobilized to the site to install MW-1 through MW-4 with associated soil borings. Soil analytical results indicate there was one exceedance of soil cleanup target levels (SCTLs).
January 7, 2019	APTIM collects groundwater samples from the four monitor wells for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX) and methyl tert-butyl ether (MTBE). The analytical results indicate there are exceedances of groundwater cleanup target limits (GCTLs) and Natural Attenuation Default Levels (NADCs).
January 23, 2019	APTIM collects groundwater samples from the site wells for VOA/VOHs, PAHs, and TRPH. Analytical results indicated there were GCTL and NADC exceedances.
February 21, 2019	APTIM returned to the site to install MW-5, Mw-6, MW-7, MW-8, DW-1, and RW-1.
February 23, 2019	APTIM returned to the site to collect a groundwater sample from MW-5, MW-6, MW-7, MW-8, and DW-1. The analytical results indicated there were no GCTL exceedances.
April 16, 2019	Slug tests were performed on MW-3, MW-4, and MW-5

3.0 Site Assessment Activities and Results

3.1 Water Well and Facility Survey and Area Land Use

APTIM utilized the Florida Department of Health (FDOH) Bureau of Environmental Health EHWATER database to create a radius map displaying known supply wells in the vicinity of the subject site. The map depicted no public supply wells located within a ½-mile radius of the site. Six private or irrigation wells were listed as being within a ¼-mile radius.

APTIM utilized the FDOH EHWATER website database to search for nearby petroleum or dry-cleaning facilities within a ½-mile radius around the site. The search listed one (1) site within ½-mile radius. Sites are listed on **Table 1** and depicted on **Figure 3**.

APTIM reviewed aerial photographs and utilized field-verification to determine land use in the vicinity of the site. The area within ½ mile of the site includes commercial and residential zoning classifications. The area land use is shown on **Figure 4**.

3.2 Initial Investigation

On September 6, 2018, APTIM arrived on site to collect soil and groundwater samples at UDC 9/10 after the dispenser containment failed hydrostatic testing. The analytical from the UDC sampling is provided in **Appendix B**. APTIM collected four soil and pea gravel samples from the area of the dispenser islands and product piping. The samples were screened for organic vapors using a PhoCheck Tiger organic vapor analyzer (OVA) equipped with a photoionization detector (PID) in accordance with the method outlined in Chapter 62-780.200(15), FAC. Prior to sample collection, the PID was calibrated on site to 100 parts per million (ppm) isobutylene gas. One soil sample was collected from around dispenser sumps. The sample was sent to TestAmerica Laboratories, Inc. (TestAmerica) in Nashville, Florida (National Environmental Laboratory Accreditation Program [NELAP] E87358). Analysis was conducted for benzene, toluene, ethylbenzene, and total xylenes (collectively known as BTEX) and methyl tert-butyl ether (MTBE) by Environmental Protection Agency (EPA) Method 8260B; polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270D; and total recoverable petroleum hydrocarbons (TRPH) by FDEP Method FL-PRO. The analytical results indicated there were SCTL exceedances in sample D-10.4.

APTIM installed a temporary monitor well (TW-1) in the area of the UDC. The temporary monitoring well consisted of 5 feet (ft) of 1-inch diameter polyvinyl chloride (PVC) pre-packed slotted screen (0.01-inch), and 10 ft. of 1-inch PVC riser. The groundwater sample was collected in accordance with FDEP standard operating procedures (SOPs) for sampling and sent to TestAmerica for analysis using EPA Method 8260B for volatile organic aromatics/volatile organic hydrocarbons (VOA/VOH), Method 8270D for PAHs, 504.1 for ethylene dibromide (EDB), Method 6010 for lead, and Method FL-PRO for TRPH. A review of the groundwater analytical

report indicated a contaminant concentration above the GCTLs and natural attenuation default concentrations (NADCs).

3.3 Well Installation and Soil Assessment

On January 3, 2019, APTIM supervised the installation of four groundwater monitoring wells (MW-1 to MW-4). The well locations are depicted on **Figure 2**. The wells were installed in accordance with FDEP Bureau of Petroleum Storage Systems standards using a track-mounted direct-push rig to a total depth of 20 ft below land surface (bls) with 10 ft of 1-inch-diameter schedule 40 PVC machine-slotted 0.010-inch screen surrounded by a 20/30 sand pack. Soil borings were advanced to 20 ft bls. Soil samples were collected at 2-ft intervals for organic vapor analysis using a PID. The PID was calibrated on site to 100 ppm isobutylene and zero gas sources prior to the sample screening activities. Eight-ounce grab samples were collected, placed into clean 16-ounce jars, and allowed to equilibrate for approximately five minutes. Following equilibration, the headspace in each glass jar was screened for the presence of organic vapors using a PID in accordance with Chapter 62-780.200(15), FAC.

The field screening results indicated net organic vapor readings ranging from 0 to 404.2 ppm. PID field readings and lithologic descriptions are presented in **Table 1**. Copies of the FDEP boring logs, FDEP well construction and development logs, and instrument calibration records are provided in **Appendix C**.

APTIM collected three soil samples for laboratory analysis. The sample was sent to TestAmerica to be analyzed for BTEX/MTBE, PAHs, and TRPH. A review of the analytical report indicated there was one SCTL exceedance encountered in SB 2-2 for benzene. The sample exceeded the SCTL for leachability based on groundwater criteria. Soil analytical results are presented in **Table 4** and shown on **Figure 5**. Copies of laboratory analytical reports are provided in **Appendix D**.

On February 21, 2019, APTIM returned to oversee the installation of three shallow wells (MW-5 through MW-8), one deep well (DW-1), and a recovery well (RW-1). The shallow wells were installed to 20 ft bls. The deep well was installed to 35 ft bls. with five feet of screen from 30 to 35 ft bls. The recovery well was installed to 20 ft bls. with 10 feet of screen from 10 to 20 ft bls.

3.4 Groundwater Sample Collection and Results

On January 7, 2019, APTIM collected groundwater samples from the four site monitor wells. Well purging and groundwater sampling activities were conducted in accordance with FDEP *SOP 001/01, FS 2200, Groundwater Sampling*, revised March 1, 2014 (effective July 30, 2014), and FDEP *SOP-PCS-005 Groundwater Sampling SOP Variances and Clarifications for Bureau of Petroleum Storage System Sites*, May 2, 2005. An electronic peristaltic pump and clean polyethylene tubing were used for purging and sampling activities; a new piece of silicon tubing (no longer than 1 ft in length) was used for each well. Electronic water quality meters were used

to track water quality parameters during purging activities. FDEP groundwater sampling logs were used to document well purging time, volume, and rates; depth to groundwater; monitored water quality parameters (hydrogen-ion concentration [pH], temperature, conductivity, dissolved oxygen [DO], turbidity, color, and odor); and sampling data for each well. The samples were collected in laboratory-supplied bottles and sent to TestAmerica for analysis of BTEX/MTBE, PAHs, and TRPH. Laboratory analytical results indicated there were exceedances of GCTLs at MW-1 and MW-3 as well as NADC exceedances at MW-2.

APTIM returned to the site on January 23, 2019, to collect groundwater samples from the four site wells to confirm the exceedances. The samples were collected in laboratory-supplied bottles and sent to TestAmerica for analysis of VOA/VOH, PAHs, and TRPH. Laboratory analytical results indicated there were exceedances of GCTLs at MW-1, MW-2 and MW-3 as well as NADC exceedances at MW-2.

APTIM returned to the site on March 18, 2019, to collect a groundwater sample from MW-5, MW-6, MW-7, MW-8, and DW-1. The samples were collected in multiple laboratory-supplied bottles and sent to TestAmerica for analysis of VOA/VOH, PAH, and TRPH. Laboratory analytical results were reported with no GCTL exceedances.

Monitor well construction data is presented in **Table 5**. Groundwater analytical results are presented in **Table 6** and shown on **Figure 6** and **Figure 7**. Laboratory analytical reports are provided in **Appendix D**. Copies of the FDEP groundwater sampling logs, well construction and development logs, and field instrument calibration records are provided in **Appendix C**.

3.5 Water Level Measurements

Prior to the groundwater sampling event on January 7, 2019, depth-to-water from below top-of-casing (btoc) measurements for each of the existing wells was recorded. On January 7, 2019, depth-to-water measurements ranged from 11.29 to 14.03 ft btoc.

Prior to the groundwater sampling event on January 23, 2019, depth-to-water measurements for each of the existing wells was recorded. On January 23, 2019, depth-to-water measurements ranged from 11.45 to 14.11 ft btoc.

Prior to the groundwater sampling event on March 18, 2019, depth-to-water measurements for each of the existing wells was recorded. On March 18, 2019, depth-to-water measurements ranged from 10.11 to 13.72 ft btoc.

Relative top-of-casing elevations were surveyed by qualified APTIM personnel and calculated with depth-to-water measurements from each sampling event to determine groundwater flow. Free-phase product was not encountered during any event.

A groundwater elevation summary is provided in **Table 5**. Groundwater elevation maps showing groundwater elevation contour intervals from January 7, 2019; January 23, 2019; and March 18, 2019, are provided as **Figure 8**, **Figure 9**, and **Figure 10** respectively.

3.6 Site Lithology

Soil samples collected during the assessment were classified in accordance with the Unified Soil Classification System. The observations indicate that the area of MW-1, MW-2, and MW-4 is underlain by fine sand, underlain by clayey sand, underlain by sand with shell fragments, underlain by sandy clay, underlain by stiff clay. A geologic cross-section showing the site lithology is illustrated on **Figure 11**. Copies of the boring logs describing site lithology are provided in **Appendix C**.

3.7 Slug Tests and Results

On April 4, 2019, APTIM performed slug tests on MW-3, MW-4, and MW-5 to assess the aquifer characteristics beneath the facility. During the slug tests, a volume of water was instantaneously removed from the well and the groundwater recovery rate was monitored by a Mini Troll® Level-Logger. The recovery rate was recorded logarithmically for the entire test. The data was then analyzed using AQTESOLV for Windows by Hydrosolv Inc.™ The Bouwer and Rice 1976 Method for unconfined aquifers was chosen from AQTESOLV to calculate the range of hydraulic conductivity values associated with the aquifer. The hydraulic conductivity values were within acceptable ranges for unconsolidated deposits as found in R. Allen Freeze and John A. Cherry's 1979 Groundwater and C.W. Fetter's 1988 Applied Hydrogeology Second Edition. The estimated average linear groundwater velocity (V) for the surficial aquifer was calculated using the equation the following equation:

$$V=KI/n$$

Where:

K=Hydraulic Conductivity

l=Hydraulic Gradient

n=effective porosity

Aquifer characteristics are summarized in the following table.

Well ID	Screened Interval (ft)	Hydraulic Gradient (l) (ft/ft)	Effective Porosity (n) (%)	Hydraulic Conductivity (K) (ft/day)	Linear Groundwater Velocity (V) (ft/yr)
MW-3	10-20	0.024	0.30	0.00006	0.001752
MW-4	10-20	0.024	0.30	0.00002	0.000584
MW-5	10-20	0.024	0.30	0.00005	0.0146

ft = foot or feet ft/ft = feet per foot ft/day = feet per day ft/yr = feet per year % = percent

Slug test results and aquifer characteristic calculations are summarized in **Appendix E**.

4.0 Summary and Recommendation

APTIM performed site assessment activities in order to evaluate the environmental conditions of the site following the hydrostatic test failure of the UDC containment at dispenser 9/10. The following is a summary of these activities:

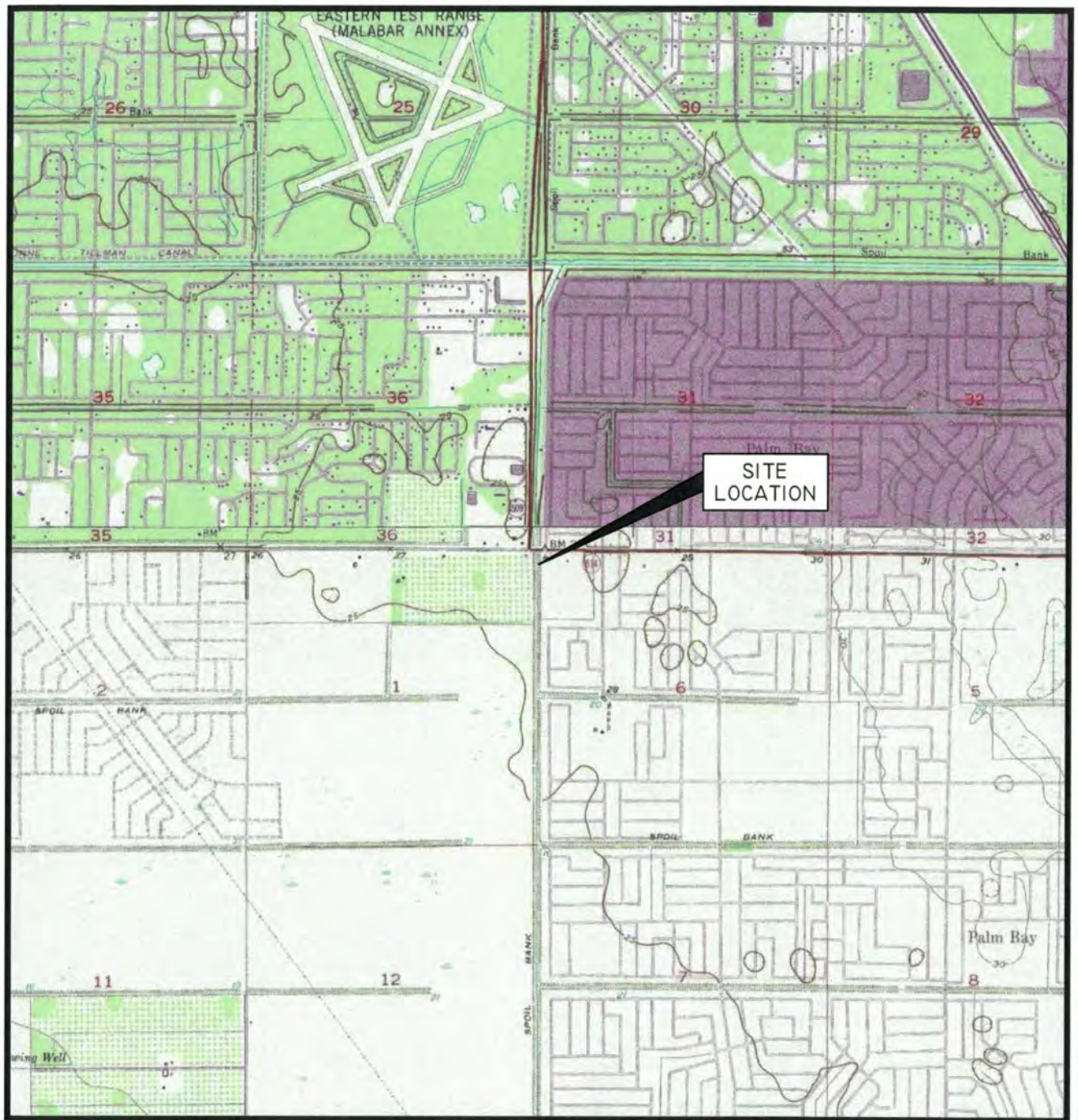
- Vadose zone OVA readings collected during the installation of the monitor wells ranged from 0.0 ppm to 404.2 ppm during the assessment;
- Three groundwater sampling events were conducted;
- Eight shallow groundwater monitoring wells, one deep monitoring well and one recovery well were installed;
- Free product was not encountered during site assessment activities;
- Based on recorded depth-to-water measurements, groundwater generally flows towards the east-southeast;
- Site geology can be described as fine sand, underlain by clayey sand, underlain by sand with shell fragments, underlain by sandy clay, underlain by stiff clay;
- The soil sample collected, SB 2-2 indicated an exceedance of the benzene SCTL for leachability based on groundwater criteria;
- Laboratory analytical results for the groundwater samples collected indicate GCTL and/or NADC exceedances at MW-1, MW-2 and MW-3.

In accordance with Chapter 62-780, FAC, APTIM recommends another round of groundwater sampling to include all site monitoring wells and analysis for BTEX/MTBE. If concentrations exceed NADCs, APTIM recommends four discrete groundwater recovery events at the installed groundwater recovery well, one per week for four consecutive weeks. After the groundwater recovery events, APTIM will collect a round of samples from each site well and have them analyzed for BTEX/MTBE.

5.0 Limitations

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, expressed or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client and the county, unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, timeframes, and project parameters indicated. APTIM is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. APTIM does not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.



REFERENCE:

7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP, FELLSMERE NW, FLORIDA, DATED 1999.



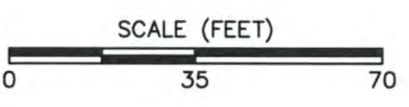
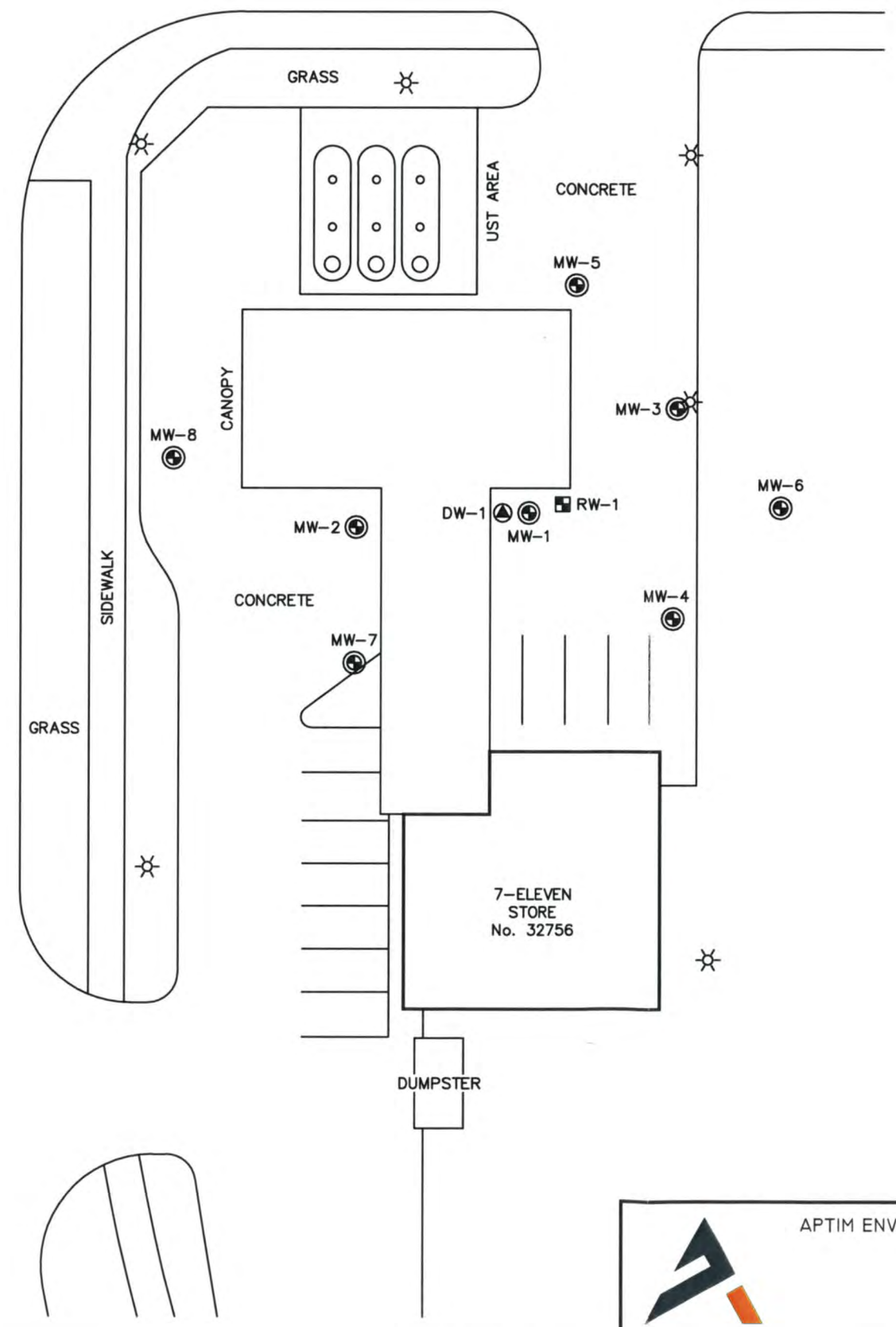
APTIM ENVIRONMENTAL & INFRASTRUCTURE, INC.
 1228 WINTER GARDEN
 VINELAND ROAD
 WINTER GARDEN, FLORIDA 34787
 (407) 287-3200 OFFICE
 (407) 287-3201 FAX

OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504A1
SITE LOCATION MAP		
CLIENT:	7-ELEVEN, INC.	
	PM:	DR
LOCATION:	7-ELEVEN STORE No. 32756 6405 MINTON ROAD PALM BAY, BREVARD COUNTY, FLORIDA	
DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504
		FIGURE: 1



MALABAR ROAD

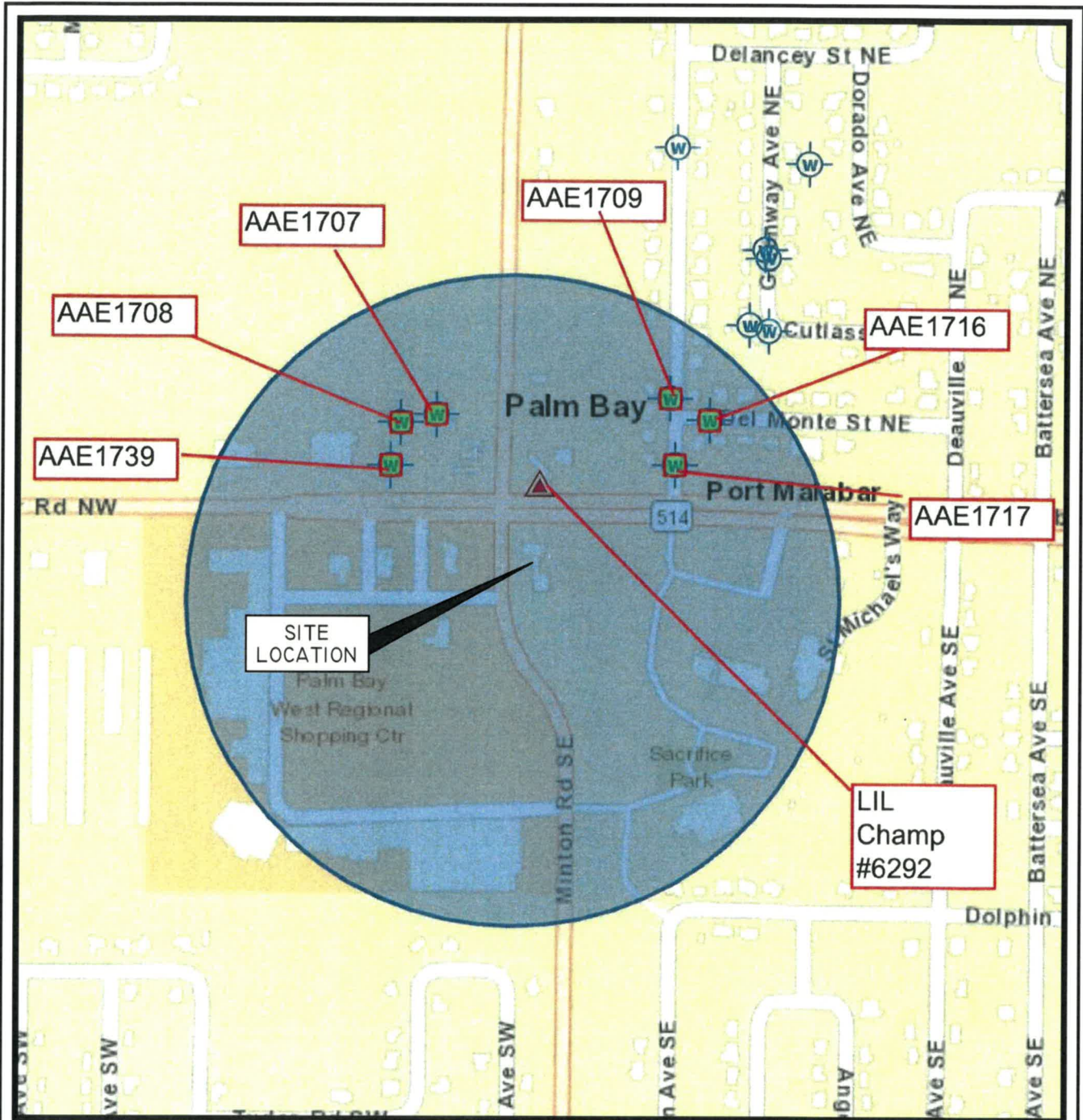
MINTON ROAD



- LEGEND:**
- ⊙ MONITORING WELL LOCATION
 - ⊕ DEEP MONITORING WELL LOCATION
 - ⊠ RECOVERY WELL LOCATION
 - ☆ LIGHT POLE

OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504B1
SITE MAP		
CLIENT: 7-ELEVEN, INC.	PM: DR	
LOCATION: 7-ELEVEN STORE No. 32756 6405 MINTON ROAD PALM BAY, BREVARD COUNTY, FLORIDA		
DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504
		FIGURE: 2

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC.
1228 WINTER GARDEN VINELAND ROAD
WINTER GARDEN, FLORIDA 34787
(407) 287-3200 OFFICE
(407) 287-3201 FAX



- Override 1
- Delineated Zone (62-524)
- Limited Use
- Community
- Commercial
- Registered
- Risk Source Events
- Well Locations
- DRYCLEANER
- PETROLEUM

OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504A2
--------------------------	-----------------	----------------------

FACILITY AND SUPPLY WELL LOCATION MAP

CLIENT: 7-ELEVEN, INC.	PM: DR
---------------------------	-----------

LOCATION:
7-ELEVEN STORE No. 32756
6405 MINTON ROAD
PALM BAY, BREVARD COUNTY, FLORIDA



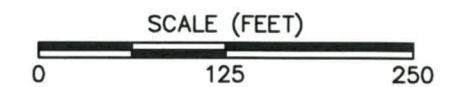
APTIM ENVIRONMENTAL &
INFRASTRUCTURE, INC.
1228 WINTER GARDEN
VINELAND ROAD
WINTER GARDEN, FLORIDA 34787
(407) 287-3200 OFFICE
(407) 287-3201 FAX

DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504	FIGURE: 3
-----------------	----------------	------------------------------	--------------



LEGEND:

- ① 7-ELEVEN STORE No. 32756
(6405 MINTON ROAD)
- ② McDONALDS
(132 MALABAR ROAD)
- ③ PNC BANK
(122 MALABAR ROAD)
- ④ CUMBERLAND FARMS
(105 MALABAR ROAD)
- ⑤ AMSCOT
(142 MALABAR ROAD)
- ⑥ WALGREENS
(175 MALABAR ROAD)
- ⑦ CITY OF PALM BAY UTILITIES
DEPARTMENT
(120 MALABAR ROAD)
- ⑧ SPACE COAST CREDIT UNION
(152 MALABAR ROAD)
- ⑨ RESIDENTIAL



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

OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504B2
--------------------------	-----------------	----------------------

AREA LAND USE MAP

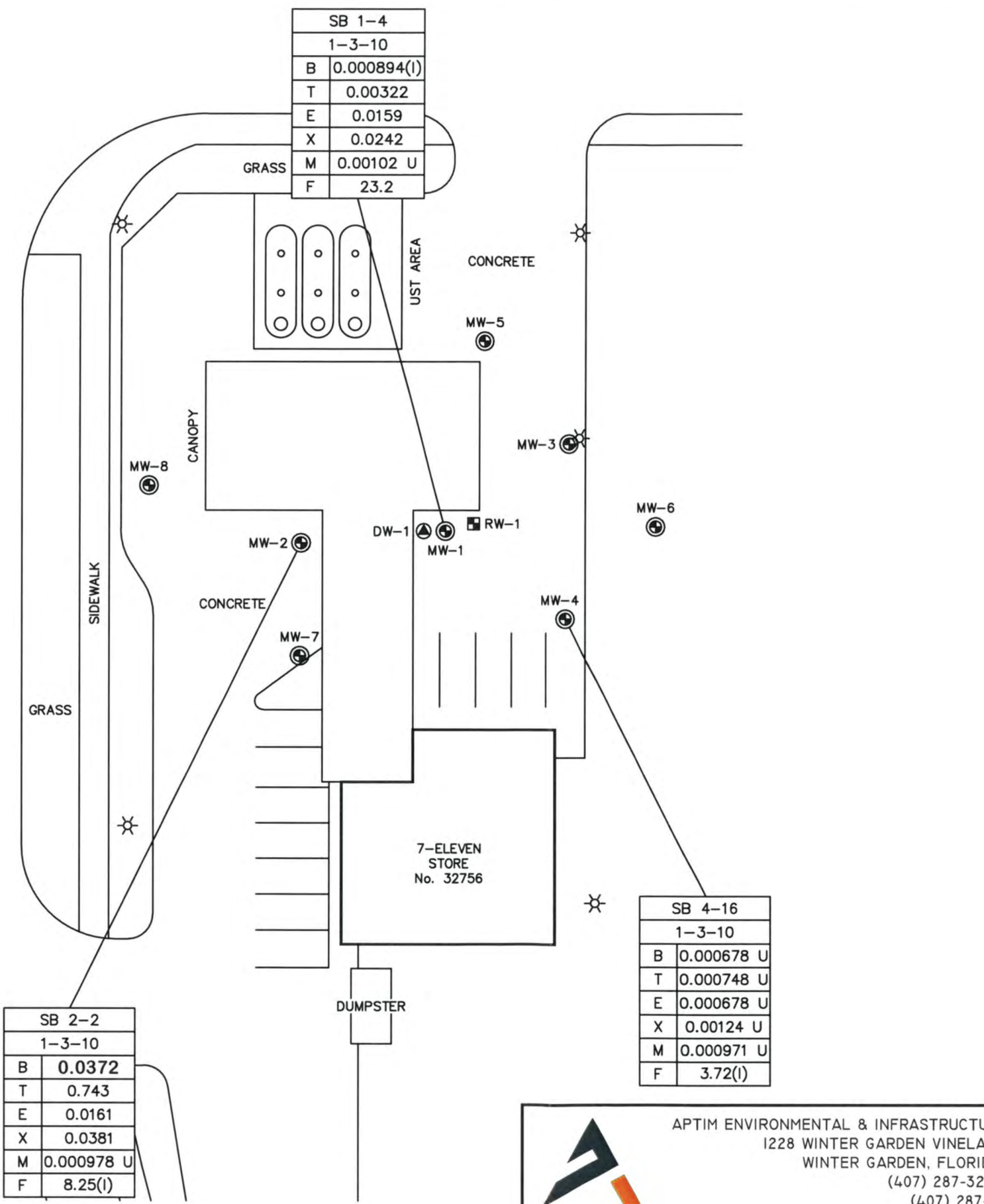
CLIENT: 7-ELEVEN, INC.	PM: DR
---------------------------	-----------

LOCATION:
7-ELEVEN STORE No. 32756
6405 MINTON ROAD
PALM BAY, BREVARD COUNTY, FLORIDA

DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504	FIGURE: 4
-----------------	----------------	------------------------------	--------------



MINTON ROAD

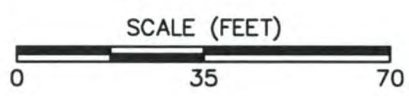


SB 1-4	
1-3-10	
B	0.000894(I)
T	0.00322
E	0.0159
X	0.0242
M	0.00102 U
F	23.2

SB 2-2	
1-3-10	
B	0.0372
T	0.743
E	0.0161
X	0.0381
M	0.000978 U
F	8.25(I)

SB 4-16	
1-3-10	
B	0.000678 U
T	0.000748 U
E	0.000678 U
X	0.00124 U
M	0.000971 U
F	3.72(I)

- LEGEND:**
- MONITORING WELL LOCATION
 - DEEP MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
- | | |
|--------|-------------|
| SB 1-4 | |
| 1-3-10 | |
| B | 0.000894(I) |
| T | 0.00322 |
| E | 0.0159 |
| X | 0.0242 |
| M | 0.00102 U |
| F | 23.2 |
- 0.0372** EXCEEDS SCTL FOR LEACHABILITY BASED ON GROUNDWATER CRITERIA
- U ANALYTE BELOW METHOD DETECTION LIMIT
- (I) RESULT IS GREATER THAN OR EQUAL TO METHOD DETECTION LIMIT (MDL) BUT LESS THAN THE REPORTING LIMIT (RL)

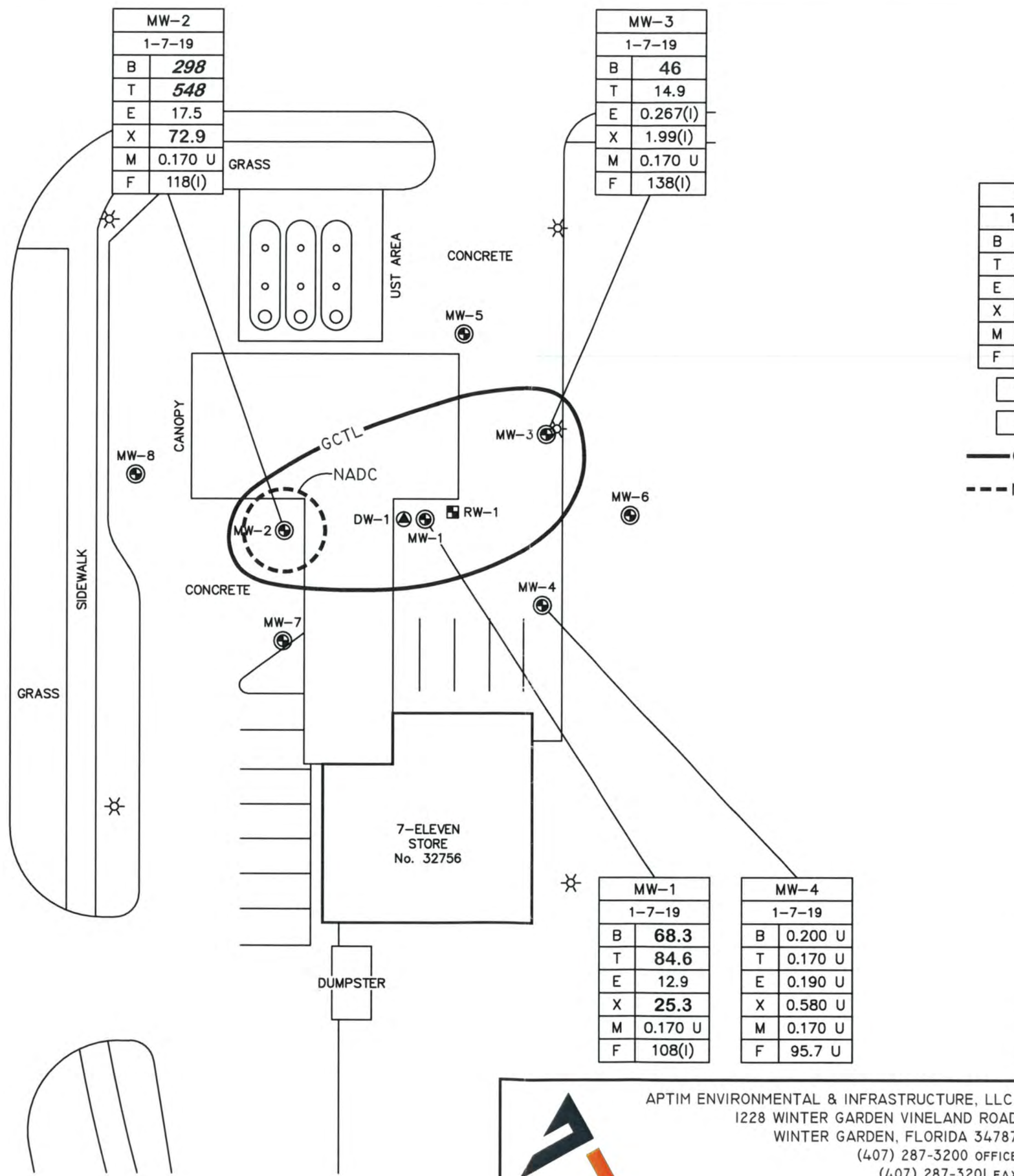


OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504B6
SOIL ANALYTICAL MAP JANUARY 3, 2019		
CLIENT: 7-ELEVEN, INC.	PM: DR	
LOCATION: 7-ELEVEN STORE No. 32756 6405 MINTON ROAD PALM BAY, BREVARD COUNTY, FLORIDA		
DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504
		FIGURE: 5

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC.
 1228 WINTER GARDEN VINELAND ROAD
 WINTER GARDEN, FLORIDA 34787
 (407) 287-3200 OFFICE
 (407) 287-3201 FAX



MINTON ROAD



MW-2	
1-7-19	
B	298
T	548
E	17.5
X	72.9
M	0.170 U
F	118(I)

MW-3	
1-7-19	
B	46
T	14.9
E	0.267(I)
X	1.99(I)
M	0.170 U
F	138(I)


MW-1	
1-7-19	
B	68.3
T	84.6
E	12.9
X	25.3
M	0.170 U
F	108(I)

MW-4	
1-7-19	
B	0.200 U
T	0.170 U
E	0.190 U
X	0.580 U
M	0.170 U
F	95.7 U

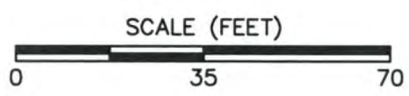
LEGEND:

- MONITORING WELL LOCATION
 - DEEP MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
- | MW-1 | |
|--------|---------|
| 1-7-19 | |
| B | 68.3 |
| T | 84.6 |
| E | 12.9 |
| X | 25.3 |
| M | 0.170 U |
| F | 108(I) |
- 25.3 EXCEEDS GCTL
 - 298 EXCEEDS NADC
 - GCTL — GCTL EXCEEDANCE PLUME
 - - - NADC - - - NADC EXCEEDANCE PLUME
 - U ANALYTE BELOW METHOD DETECTION LIMIT
 - (I) RESULT IS GREATER THAN OR EQUAL TO METHOD DETECTION LIMIT (MDL) BUT LESS THAN THE REPORTING LIMIT (RL)

OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504B7
GROUNDWATER ANALYTICAL SUMMARY MAP JANUARY 7, 2019		
CLIENT: 7-ELEVEN, INC.	PM: DR	
LOCATION: 7-ELEVEN STORE No. 32756 6405 MINTON ROAD PALM BAY, BREVARD COUNTY, FLORIDA		
DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504
		FIGURE: 6



APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC.
1228 WINTER GARDEN VINELAND ROAD
WINTER GARDEN, FLORIDA 34787
(407) 287-3200 OFFICE
(407) 287-3201 FAX





MW-8		MW-2		MW-5		MW-3		MW-6	
3-18-19		1-23-19		3-18-19		1-23-19		3-18-19	
B	0.200 U	B	112	B	1.47	B	119	B	0.200 U
T	0.170 U	T	294	T	0.170 U	T	76.3	T	0.170 U
E	0.190 U	E	12.8	E	0.190 U	E	6.44	E	0.190 U
X	0.580 U	X	49.1	X	0.580 U	X	18.6	X	0.580 U
M	0.170 U	M	0.170 U	M	0.170 U	M	0.170 U	M	0.170 U
F	97.0 U	F	153(I)	F	98.3 U	F	110 U	F	97.5 U

LEGEND:

- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- RECOVERY WELL LOCATION

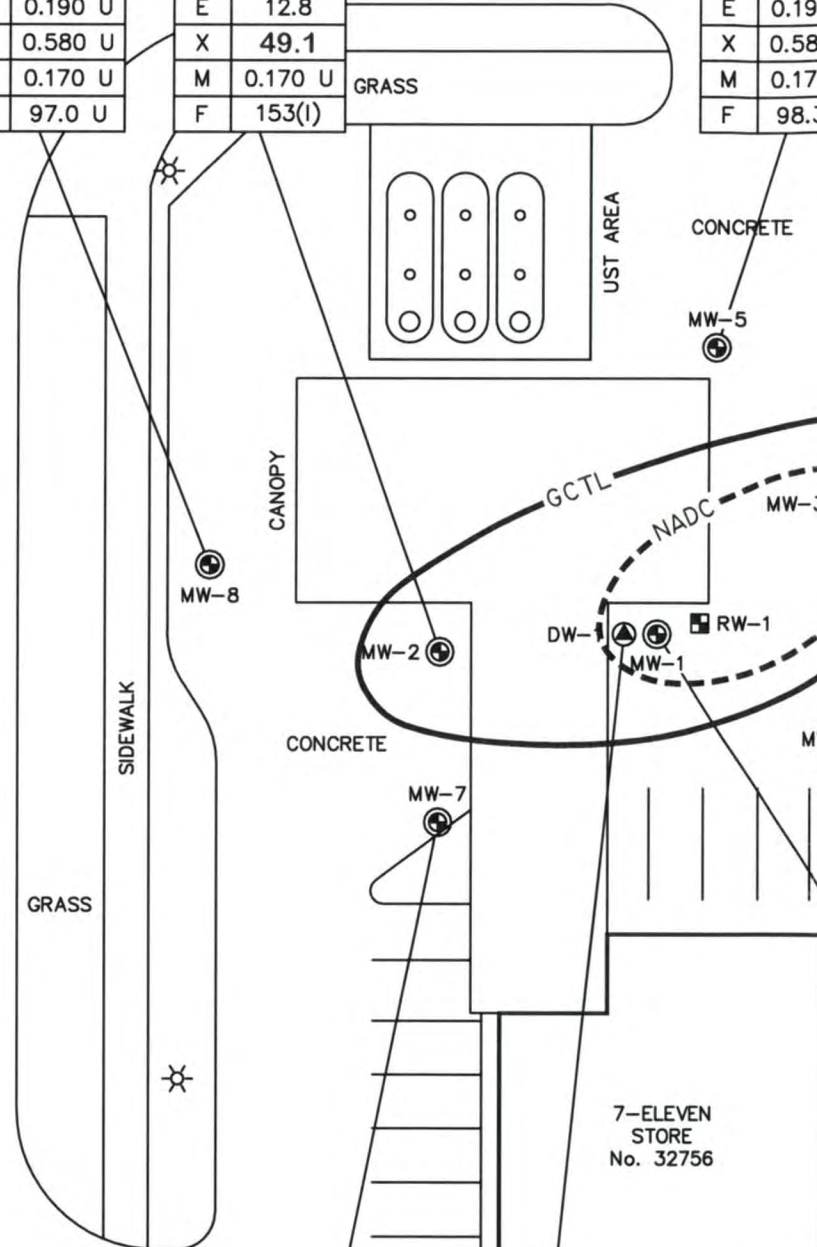
MW-6		3-18-19	
B	0.200 U	SAMPLE IDENTIFICATION	
T	0.170 U	DATE OF SAMPLE	
E	0.190 U	BENZENE CONCENTRATION (ug/L)	
X	0.580 U	TOLUENE CONCENTRATION (ug/L)	
M	0.170 U	ETHYLBENZENE CONCENTRATION (ug/L)	
F	97.5 U	TOTAL XYLENES CONCENTRATION (ug/L)	
		MTBE CONCENTRATION (ug/L)	
		TRPH CONCENTRATION (ug/L)	

294 EXCEEDS GCTL
112 EXCEEDS NADC

— GCTL — GCTL EXCEEDANCE PLUME
 - - - NADC - - - NADC EXCEEDANCE PLUME

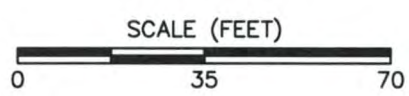
U ANALYTE BELOW METHOD DETECTION LIMIT
 (I) RESULT IS GREATER THAN OR EQUAL TO METHOD DETECTION LIMIT (MDL) BUT LESS THAN THE REPORTING LIMIT (RL)

MINTON ROAD




MW-7		DW-1	
3-18-19		3-18-19	
B	0.200 U	B	0.200 U
T	0.170 U	T	0.380(I)
E	0.190 U	E	0.190 U
X	0.580 U	X	0.580 U
M	0.170 U	M	0.170 U
F	95.3 U	F	132(I)

MW-1		MW-4	
1-23-19		1-23-19	
B	141	B	0.200 U
T	144	T	0.170 U
E	19.9	E	0.190 U
X	35.1	X	0.580 U
M	0.170 U	M	0.170 U
F	101 U	F	95.5 U



OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504B8
GROUNDWATER ANALYTICAL SUMMARY MAP JANUARY 23 AND MARCH 18, 2019		
CLIENT: 7-ELEVEN, INC.	PM: DR	
LOCATION: 7-ELEVEN STORE No. 32756 6405 MINTON ROAD PALM BAY, BREVARD COUNTY, FLORIDA		
DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504
		FIGURE: 7

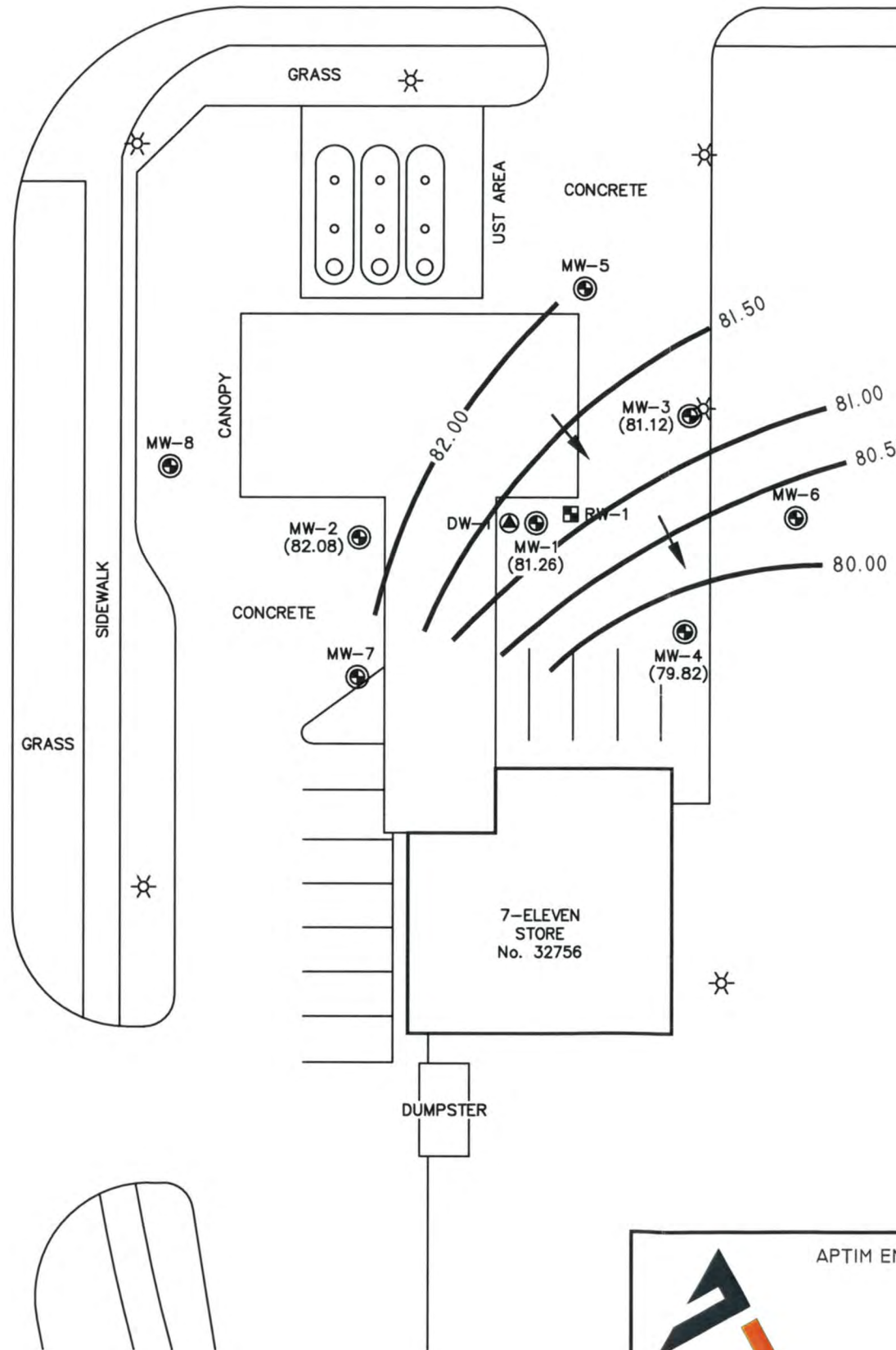


APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC.
 1228 WINTER GARDEN VINELAND ROAD
 WINTER GARDEN, FLORIDA 34787
 (407) 287-3200 OFFICE
 (407) 287-3201 FAX



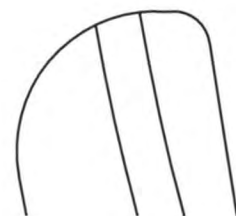
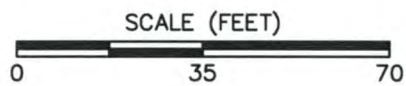
MALABAR ROAD

MINTON ROAD



LEGEND:

- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- (82.08) GROUNDWATER ELEVATION (FEET)
- 82.00 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INTERPRETED GROUNDWATER FLOW DIRECTION



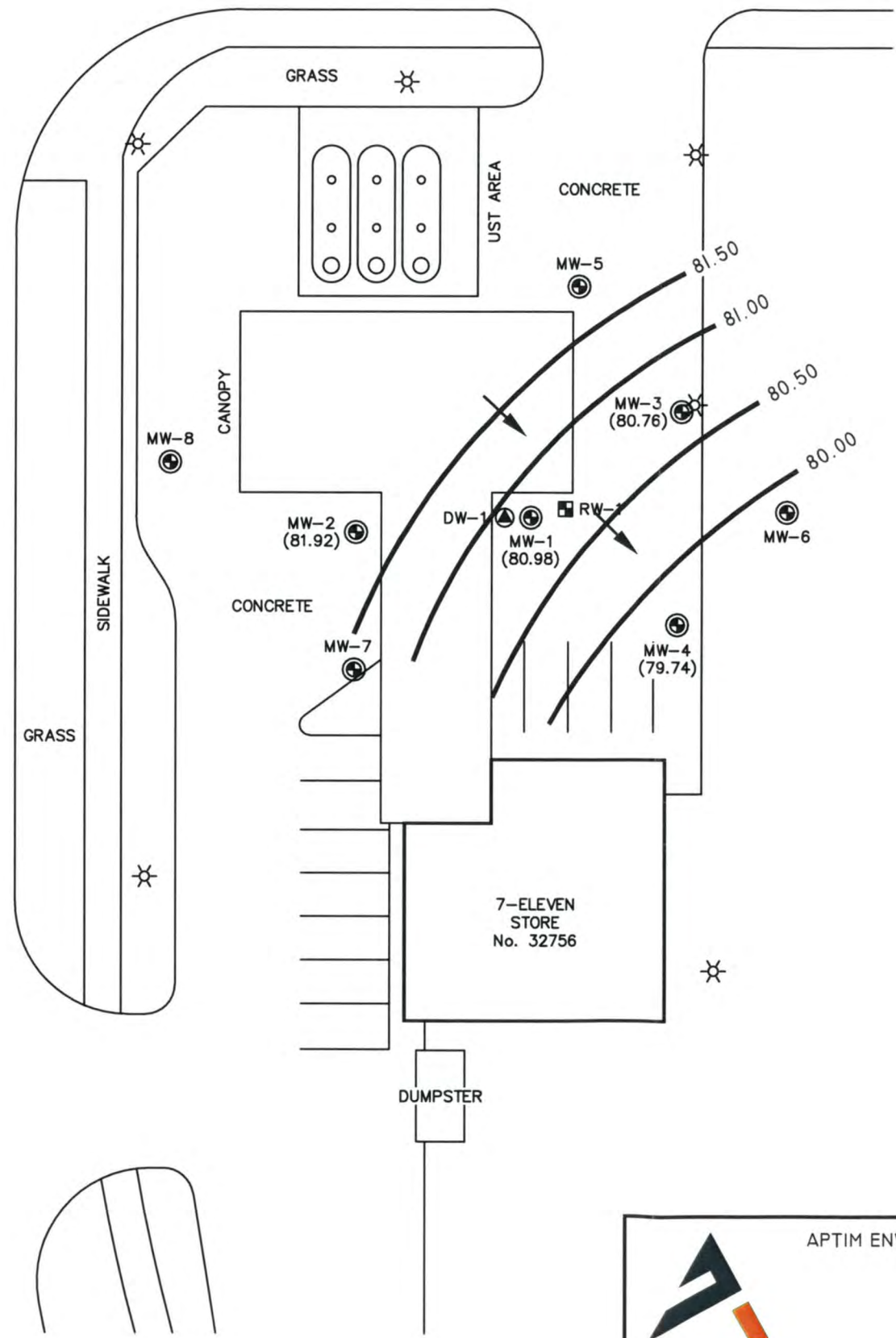
OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504B3
GROUNDWATER ELEVATION CONTOUR MAP JANUARY 1, 2019		
CLIENT: 7-ELEVEN, INC.	PM: DR	
LOCATION: 7-ELEVEN STORE No. 32756 6405 MINTON ROAD PALM BAY, BREVARD COUNTY, FLORIDA		
DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504
		FIGURE: 8

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC.
1228 WINTER GARDEN VINELAND ROAD
WINTER GARDEN, FLORIDA 34787
(407) 287-3200 OFFICE
(407) 287-3201 FAX



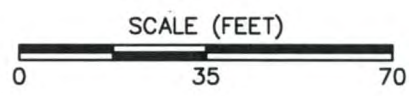
MALABAR ROAD

MINTON ROAD




LEGEND:

- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- (81.92) GROUNDWATER ELEVATION (FEET)
- 81.00 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INTERPRETED GROUNDWATER FLOW DIRECTION



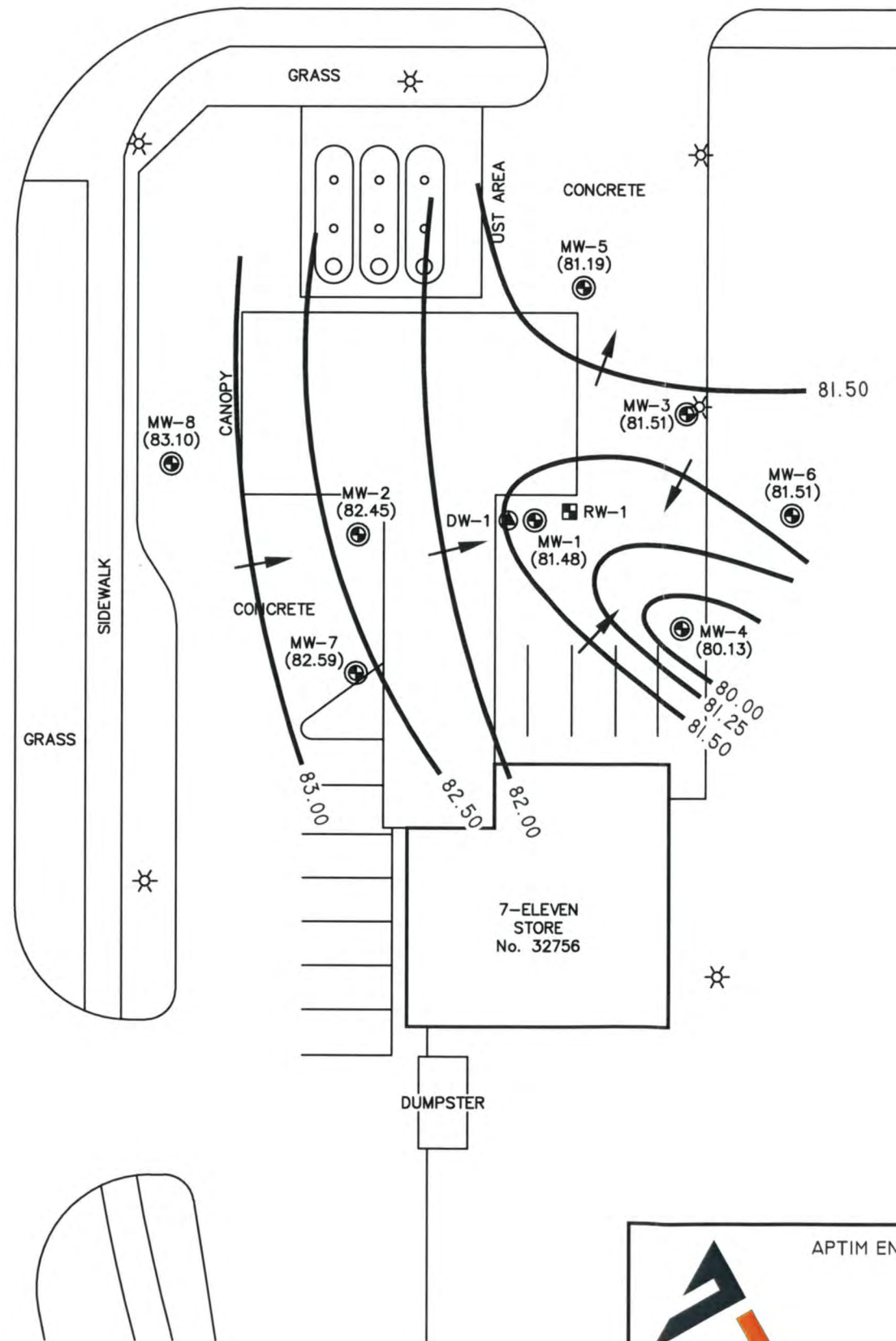
OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504B4
GROUNDWATER ELEVATION CONTOUR MAP JANUARY 23, 2019		
CLIENT: 7-ELEVEN, INC.	PM: DR	
LOCATION: 7-ELEVEN STORE No. 32756 6405 MINTON ROAD PALM BAY, BREVARD COUNTY, FLORIDA		
DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504
		FIGURE: 9


APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC.
 1228 WINTER GARDEN VINELAND ROAD
 WINTER GARDEN, FLORIDA 34787
 (407) 287-3200 OFFICE
 (407) 287-3201 FAX



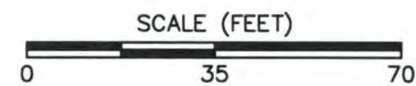
MALABAR ROAD

MINTON ROAD



LEGEND:

- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- (82.45) GROUNDWATER ELEVATION (FEET)
- 83.00 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INTERPRETED GROUNDWATER FLOW DIRECTION



OFFICE: WINTER GARDEN	DATE: 6-4-19	ACAD FILE: 2504B5
GROUNDWATER ELEVATION CONTOUR MAP MARCH 19, 2019		
CLIENT: 7-ELEVEN, INC.	PM: DR	
LOCATION: 7-ELEVEN STORE No. 32756 6405 MINTON ROAD PALM BAY, BREVARD COUNTY, FLORIDA		
DESIGNED: DR	DRAWN: SDJF	PROJECT NO.: 631832002504
		FIGURE: 10

APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC.
1228 WINTER GARDEN VINELAND ROAD
WINTER GARDEN, FLORIDA 34787
(407) 287-3200 OFFICE
(407) 287-3201 FAX



Department of Environmental Protection

2600 Blair Stone Road ♦ Tallahassee, Florida 32399-2400

Incident Notification Form

DEP Form 62-761.900(6)
Form Title: Incident Notification Form
Effective Date: January 2017
Incorporated in Rule 62-761.405, F.A.C.

Complete all applicable blanks

Facility ID Number (if registered): 9802043

Date of Form Completion: 10/18/2018

Facility Name: 7-Eleven Store 32756

Date of Discovery of Incident: _____

Telephone Number: 904-501-6827

County: Brevard

Facility Owner or Operator: 7-Eleven Inc. - Gasoline Compliance Department 0148

Mailing Address: PO Box 711, Dallas, TX 75221

Location of Incident (facility street address): 6405 Minton Road, Palm Bay, FL 32908

Monitoring method or activity that indicates an incident: (Check all that apply)

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Visual Observation | <input type="checkbox"/> Electronic sensors, probes or cables | <input type="checkbox"/> Closure |
| <input type="checkbox"/> Primary integrity test | <input type="checkbox"/> Interstitial monitoring | <input type="checkbox"/> Line leak detectors |
| <input type="checkbox"/> Interstitial integrity test | <input type="checkbox"/> Closure integrity evaluation | <input type="checkbox"/> Automatic tank gauging |
| <input type="checkbox"/> Containment integrity test | <input type="checkbox"/> Tracer or helium testing | <input type="checkbox"/> Other (specify): _____ |

Type of regulated substance stored in the storage system: (Check all that apply)

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Gasoline | <input type="checkbox"/> Jet fuel | <input type="checkbox"/> Mineral acid (ASTs) |
| <input type="checkbox"/> Diesel | <input type="checkbox"/> Used/waste oil | <input type="checkbox"/> Ammonia compound <input type="checkbox"/> Chlorine compound |
| <input type="checkbox"/> Heating oil | <input type="checkbox"/> New motor/lube oil | <input type="checkbox"/> Biofuel blends |
| <input type="checkbox"/> Kerosene | <input type="checkbox"/> Pesticide | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Aviation gas | <input type="checkbox"/> Grades 5 & 6 residual oils | <input type="checkbox"/> Other (specify): _____ |
| <input type="checkbox"/> Hazardous substance (USTs) - write name or Chemical Abstract Service (CAS) #: _____ | | |

Incident involves or originated from: (Check all that apply)

A positive response of release detection device:

- 1. Visual observation
- 2. Alarm
- 3. Vacuum or pressure change
- 4. MLLD restricting flow
- 5. ELLD/other device shutting power off to pump
- 6. Liquid > 1 inch in out-of-service tank (UST only)

A failed integrity test:

- 1. Double-walled tank
- 2. Double-walled piping
- 3. Containment sump
- 4. Spill containment system
- 5. Double bottom AST

Or:

- 1. Odors in the vicinity
- 2. Loss > 100 gallons on impervious surface
- 3. Loss > 500 gallons in AST dike field
- 4. Unusual operating conditions
- Other (specify): _____

Cause of the incident, if known: (Check all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Improper installation | <input type="checkbox"/> Spill/Overfill >100 gallons on impervious surface | <input type="checkbox"/> Human error |
| <input checked="" type="checkbox"/> Material failure (crack, split, etc.) | <input type="checkbox"/> Spill/Overfill >500 gallons in AST dike field | <input type="checkbox"/> Vandalism or theft |
| <input type="checkbox"/> Material incompatibility | <input type="checkbox"/> Corrosion | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Faulty probe or sensor | <input type="checkbox"/> Weather | <input type="checkbox"/> Other (specify): _____ |

Actions taken in response to the incident:

Dispenser 3/4 UDC liner failed integrity testing. Petroleum Equipment Construction (PEC) has been contracted to make repairs. Testing and closure will be conducted after the work is completed.

Comments:

Agencies notified (as applicable):

- Fire Department County Program _____ District Office _____ State Watch Office 800-320-0519 National Response Center 800-424-8802

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

John Meyer, Environmental Compliance Specialist
Printed name of Owner, Operator or Authorized Representative

John Meyer
Signature of Owner, Operator and Authorized Representative

Digitally signed by John Meyer
Date: 2018.10.18 06:09:53 -0400



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

By BC

Please review **Registration Instructions** before completing the form.

Please check all that apply	<input type="checkbox"/> New Registration	<input type="checkbox"/> New Owner	<input type="checkbox"/> New Tanks
	<input type="checkbox"/> Facility Info Update/Correction	<input type="checkbox"/> Owner Info Update/Correction	<input checked="" type="checkbox"/> Tank Info Update/Correction

A. FACILITY INFORMATION

County: BREVARD DEP Facility ID: 9802043

Facility Name: 7-ELEVEN STORE # 32756
 Facility Address: 6405 MINTON ROAD City: PALM BAY Zip: 32908
 Facility Contact: WILLO SMITH Business Phone: (407) 532-2039
 Facility Type(s): A NAICS Code: N/A Financial Responsibility: B

24 Hour Emergency Contact: WILLO SMITH Emergency Phone: (877) 522-1272

B. RESPONSIBLE PERSON INFORMATION - Identify Individual(s) or Business(es) responsible for storage tank management, fueling operations, and/or cleanup activities at the facility location named above. Provide additional information in an attachment if necessary.

Name: <u>7-ELEVEN, INC.</u>	Facility - Responsible Person Relation Type:	Effective Date
Mail address: <u>1300 LEE ROAD</u>	<input checked="" type="checkbox"/> Facility Account Owner (pays fees)	<u>9/99</u>
City, ST, Zip: <u>ORLANDO, FLORIDA 32810</u>	Facility Account Owner information must be provided when the facility contains active (in-use) storage tanks on site.	
Contact: <u>WILLO SMITH</u>	STCM Account Number (if known):	
Telephone: <u>(407) 532-2039</u>	Identify other appropriate facility relationships for this party: <input checked="" type="checkbox"/> Facility Owner/Operator <input type="checkbox"/> Property Owner <input checked="" type="checkbox"/> Storage Tank Owner	

Name: <u>A. THOMAS, D. HUBER, J. ROSCHMAN</u>	Other owner, relationship type(s)	Effective Date
Mail address: <u>8500 RIDGEWOOD AVE., SUITE 501</u>	<input type="checkbox"/> Facility Owner/Operator	
City, ST, Zip: <u>CAPE CANAVERAL, FLORIDA 32920</u>	<input checked="" type="checkbox"/> Property Owner	<u>9/99</u>
Contact:	<input type="checkbox"/> Storage Tank Owner	
Telephone: <u>(407) 784-8442</u>	<input type="checkbox"/> Other	

C. TANK/VESSEL INFORMATION - Complete one row for each storage tank or compression vessel system located at this facility.

Tank ID	T/V	A/U	Capacity	Installed	Content	Status/Effective Date	Construction	Piping	Monitoring
<u>1</u>	<u>T</u>	<u>U</u>	<u>10,000</u>	<u>9/99</u>	<u>B</u>	<u>U 12/99</u>	<u>EAIMNOP</u>	<u>NMJK</u>	<u>FLHK234</u>
<u>2</u>	<u>T</u>	<u>U</u>	<u>10,000</u>	<u>9/99</u>	<u>B</u>	<u>U 12/99</u>	<u>EAIMNOP</u>	<u>NMJK</u>	<u>FLHK234</u>
<u>3</u>	<u>T</u>	<u>U</u>	<u>10,000</u>	<u>9/99</u>	<u>B</u>	<u>U 12/99</u>	<u>EAIMNOP</u>	<u>NMJK</u>	<u>FLHK234</u>

Certified Contractor (performing tank installation or removal): WILSON PETROLEUM DBPR License No.: PCC-045049

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

Printed Name & Title: WILLO SMITH Signature: [Signature] Date: 10/14/99

DEP 62-761 900(2)

Northwest District 160 Governmental Center Blvd. Pensacola, FL 32501 850-595-8360	Northeast District 7825 Baymeadows Way, Suite B200 Jacksonville, FL 32256 904-448-4300	Central District 3319 Maguire Blvd, Suite 232 Orlando, FL 32803 407-894-7555	Southwest District 3804 Coconut Palm Drive Tampa, FL 33619 813-744-6100	Southeast District 400 North Congress Ave. 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
--	--	--	--	---	--	--

Site No. 17

Cumberland Farms

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD	Type: Retail Station
County: Brevard	Status: Open
Facility ID#: 9045599	Latitude: 27:59:58.0138
Name: Cumberland Farms 105 Malabar Rd Ne Palm Bay, FL 32907-3092	Longitude: 80:40:20.5357
Contact: Angela Pimental	LL Method: DPHO
Phone: 800-225-9702	LL Status: REVIEWED
	Status Date: 10//30/2003

Account Owner Information

Name: Cumberland Farms Inc 73 William Franks Dr Attn: Atc Eclipse West Springfield, MA 1089-2924	Effective Date: 08/30/2017
Phone: 413-781-0070	Placard#/Date: 579676 - 06/09/2020

Tank Owner Information

Name: Cumberland Farms Inc 73 William Franks Dr Attn: Atc Eclipse West Springfield, MA 1089-2924	Effective Date: 08/30/2017
Phone: 413-781-0070	

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
4	20000	Unleaded Gas	08/01/2017	UNDER	U	I L E M N	F C J K	G F L 3 5 K
5	20000	Vehicular Diesel	08/01/2017	UNDER	U	M E N I L	C K J F	K G 5 L 3 F
1	6000	Unleaded Gas	01/01/1990	UNDER	B			
2	10000	Unleaded Gas	01/01/1990	UNDER	B			
3	10000	Unleaded Gas	01/01/1990	UNDER	B			

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

Most Recent Insurance Document

FR Type	Effective Date	Expiration Date	Company Name
Self-Insurance - Letter From Chief Financial Officer	10/01/2019	01/30/2021	
Self-Insurance - Letter From Chief Financial Officer	10/01/2018	09/30/2019	
Self-Insurance - Letter From Chief Financial Officer	10/01/2017	09/30/2018	
Insurance	11/01/2013	11/01/2014	Ironshore Specialty Insurance
Insurance	11/01/2010	11/01/2011	Endurance American Specialty I
Insurance	11/01/2009	11/01/2010	Endurance American Specialty I
Insurance	11/01/2008	11/01/2009	Endurance American Specialty I

Open Violations

Insp Date	Viol #	Sig Level	Violation Text
03/09/2006	1010	N	Incident Not Reported Within 24 Hours Or By Next Business Day
03/09/2006	1105	N	Not Repaired Component Which Has Or Could Cause A Discharge

Discharge Information

Discharge Date	Cleanup Status	Score	Eligibility Info	Site Manager	Phone
07/26/1993	Completed	45	Petroleum Liability And Restoration Insurance Program-Eligible	Civil_Mt	(321)633-2017-22
02/09/1994	Completed	41	-	Swanson_T	(321)350-8412

End of Data for Facility #: 9045599



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

Facility Information:

Facility ID: 9045599 County: BREVARD Inspection Date: 11/05/2020
 Facility Type: A - Retail Station
 Facility Name: CUMBERLAND FARMS # of inspected ASTs: 0
 105 MALABAR RD NE, 6375 MINTON RD NE USTs: 2
 PALM BAY, FL 32907-3092 Mineral Acid Tanks: 0
 Latitude: 27° 59' 58.0138"
 Longitude: 80° 40' 20.5357"
 LL Method: DPHO

Inspection Result:

Result: In Compliance

Signatures:

TKBVNR - BREVARD COUNTY NATURAL RESOURCES MGMT OFFICE (321) 633-2017

Storage Tank Program Office and Phone Number

Chris A. Ulrich

Megan Graham

Inspector Name

Representative Name

Chris Ulrich

Megan Graham

Inspector Signature

Representative Signature

Principal Inspector

BREVARD COUNTY NATURAL RESOURCES MGMT OFFICE

Inspector ERI

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

Financial Responsibility:

Financial Responsibility: SELF-INSURANCE - LETTER FROM CHIEF FINANCIAL OFFICER

Insurance Carrier:

Effective Date:

10/01/2019

Expiration Date:

01/30/2021

Findings:

Class A Owner Training Certificates are present.
 Class B Maintenance Training Certificates are present.
 Class C Operator Training Certificates are present.

Completed System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Breach of Integrity Test	10/24/2017	Passed	03/20/2018	10/24/2020	Andrew Bell, inc. hydro tested tank sumps
Integrity Test - Dispenser Sump	09/14/2020	Passed	10/02/2020	09/14/2023	6 UDCs - hydro - Tanknology
Integrity Test - STP Sump	09/14/2020	Failed	10/02/2020	09/14/2020	Tank 1, East RUL sump - hydro - Tanknology
Breach of Integrity Test	01/22/2018	Passed	03/20/2018	01/22/2021	Tanknology vacuum tested spill buckets -post construction
Annual Operability - Line Leak Detector	01/06/2020	Passed	04/16/2020	01/06/2021	4 V/R PLLDs - Tanknology
Breach of Integrity Test	10/20/2017	Passed	03/20/2018	10/17/2020	Andrew Bell, Inc. hydro tested UDLs
Annual Operability - Overfill Protection	01/06/2020	Passed	04/16/2020	01/06/2021	4 Emco devices - Tanknology
Annual Operability - Release Detection	01/06/2020	Passed	04/16/2020	01/06/2021	V/R TLS350 - Tanknology
Annual Operability - Release Detection	01/06/2020	Passed	04/16/2020	01/06/2021	14 shear valves - Tanknology
Annual Operability - Release Detection	01/06/2020	Passed	04/16/2020	01/06/2021	4 DW buckets - mechanical gauge - Tanknology
Integrity Test - STP Sump	09/14/2020	Passed	10/02/2020	09/14/2023	Tanks 2, 3 & 4 - hydro - Tanknology
Integrity Test - Double-walled Spill Bucket	09/14/2020	Passed	10/02/2020	09/14/2023	4 buckets - vacuum - Tanknology

Reviewed Records

Record Category	Record type	From Date	To Date	Reviewed Record Comment
Two Years	Electronic Release Detection Equip. Monthly Checks	03/01/2018	07/03/2018	ERI
Two Years	Monthly Maint. Visual	03/01/2018	07/03/2018	ERI

Record Category	Record type	From Date	To Date	Reviewed Record Comment
	Results			
Two Years	Electronic Release Detection Equip. Monthly Checks	01/04/2019	10/02/2020	ERI
Two Years	Monthly Maint. Visual Examinations and Results	01/04/2019	10/02/2020	ERI
Two Years	Certificate of Financial Responsibility	10/01/2019	11/05/2020	
Two Years	Repair, Operation and Maintenance Records	08/02/2018	11/05/2020	

Site Visit Comments

11/05/2020

On site at about 1:30 PM.

Inspection Comments

11/06/2020

Current registration placard: copy posted on the store's bulletin board. Cumberland Farms AB operator certificate is on file in FIRST. A list of current C operators is on file at the store. Checked all sumps, fills and under dispenser liners: All OK. Liquid Status report obtained from VeederRoot monitoring system: All functions normal. Report lists 2 interstitial, 4 STP sump and 6 under dispenser sensors. Annual operability test refers to the re-certification of the VeederRoot system. Annual re-certification (ATG/Monitoring system) and the annual in-line leak detector testing was performed by Tanknology. Release detection for the tank system consists of continuous electronic monitoring (via sensors) of the two tank interstices, four STP sump and six under dispenser pans. In addition, monthly visual inspections are being performed and logged on the fill buckets. The tank owner, facility owner, property owner, account owner and tank operator is: Cumberland Farms Inc., 588 Silver St., Agawam, MA. An electronic copy of this inspection report will be emailed to the appropriate Cumberland Farms representatives as soon as the inspection activity is complete.

11/16/2020

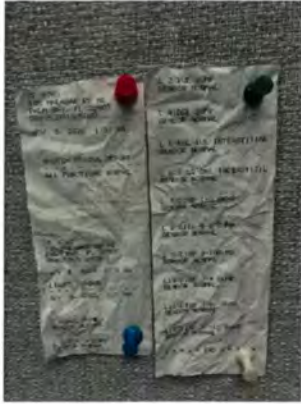
NOTE: There is some serious corrosion occurring in the premium gasoline STP sump. This needs attention. Please see attached photograph.

Inspection Photos

Facility ID: 9045599

Added Date 11/16/2020

Liquid Status report



Added Date 11/16/2020

PUL STP sump





Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

November 30, 2016

CERTIFIED MAIL #|7016 1370 0001 1920 0011|
RETURN RECEIPT REQUESTED

Mr. Sabas C. Murillo
3200 Turtle mound Road
Melbourne, FL 32934

Subject: Site Rehabilitation Completion Order
Lil Champ #6292
6375 Minton Road NE
Palm Bay, Brevard County
FDEP Facility ID# 059045599
Discharge Date: 7/26/1993 (PLRIP)

Dear Mr. Murillo:

The Brevard County Natural Resources Management Department (NRMD), on behalf of the Florida Department of Environmental Protection (Department) has reviewed the Interim Site Assessment Report (SAR) and No Further Action Proposal (NFAP) dated May 17, 2016 (received May 17, 2016) and the Monitoring Well Abandonment Report dated September 6, 2016 (received September 6, 2016), for the petroleum product discharge referenced above. All the documents submitted to date are adequate to meet the site assessment requirements of Rule 62-780.600, Florida Administrative Code (F.A.C.). In addition, documentation submitted with the SAR/NFAP confirms that criteria set forth in Subsection 62-780.680(1), 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 SAR/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 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. This includes any confirmed impacts found to be migrating beyond the site's property boundary. If groundwater is being used for potable uses in the area affected by the contamination, the Department will take all necessary steps to protect public health, safety and welfare under Chapter 376, F.S., as necessary. 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.

Legal Issues

The Department's Order shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for an administrative hearing are set forth below.

Persons affected by this Order have the following options:

- (A) If you choose to accept the Department's decision regarding the SAR/NFAP you do not have to do anything. This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order.
- (B) If you choose to challenge the decision, you may do the following:
 - (1) File a request for an extension of time to file a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for an administrative hearing; or
 - (2) File a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for an Administrative Hearing

For good cause shown, pursuant to Subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for an administrative hearing. Such a request must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Mr. Sabas Murillo, shall mail a copy of the request to Mr. Sabas Murillo at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for an administrative hearing must be made.

How to File a Petition for an Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Mr. Sabas Murillo, shall mail a copy of the petition to Mr. Sabas Murillo at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Subsection 120.569(2), F.S. and Rule 28-106.201, F.A.C., a petition for an administrative hearing shall contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the facility owner's name and address, if different from the petitioner; the FDEP facility number, and the name and address of the facility;
- (b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
- (c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order. Timely filing a petition for an administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, 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 of appeal must be filed within 30 days after this Order is filed with the Department's clerk (see below).

Questions

Any questions regarding the NRMD's review of the SAR/NFAP should be directed to Maryann T. Civil, P.G. at (321) 633-2017. 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.

Mr. Sabas Murillo
FDEP Facility ID# 059045599
Page 4
November 30, 2016

The FDEP Facility Number for this facility is 059045599. Please use this identification on all future correspondence with the Department.

Sincerely,



Diane D. Pickett
Program Administrator
Petroleum Restoration Program

DDP/mtc

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

 11/30/16
Clerk Date
(or Deputy Clerk)

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

cc: Bret LeRoux, FDEP Central District Office - bret.leroux@dep.state.fl.us
Maryann T. Civil, Brevard County NRMD - maryann.civil@brevardfl.gov
Robert Enright, Southeastern Petroleum Contractors, Inc. - renrightspci@gmail.com
Wesley Curtis, St. Johns River Water Management District - wcurtis@sjrwmd.com
File

Florida Department of
Environmental Protection

Memorandum

TO: Natasha Lampkin
Environmental Administrator

FROM: Diane D. Pickett, Program Administrator *DDP*
Petroleum Restoration Program

DATE: November 28, 2016

SUBJECT: Temporary Delegation of Authority

I will be out of the office Tuesday, November 29, 2016 through December 2, 2016. I have designated Natasha Lampkin, Environmental Administrator as acting Program Administrator. Ms. Lampkin has been delegated authority to sign on my behalf those documents requiring processing during this period. Cheryl Stafford, Planner I, will forward any appropriate documents requiring signature.

Cc: Joe Ullo
Tim Bahr
Judith Pennington
Stephanie Gudeman
Diane Pickett
Cheryl Stafford
Rebecca Marx
Grant Willis
Ken Busen
Melike Altun
Susan Fields
James Treadwell
Natasha Lampkin
Russ Rhodes

P.G. CERTIFICATION

Interim Site Assessment Report (SAR) and No Further Action Proposal (NFAP) dated and received May 17, 2016 and the Well Abandonment Report dated and received September 6, 2016, for Lil Champ #6292 located at 6375 Minton Road, Palm Bay, FDEP Facility ID# 059045599.

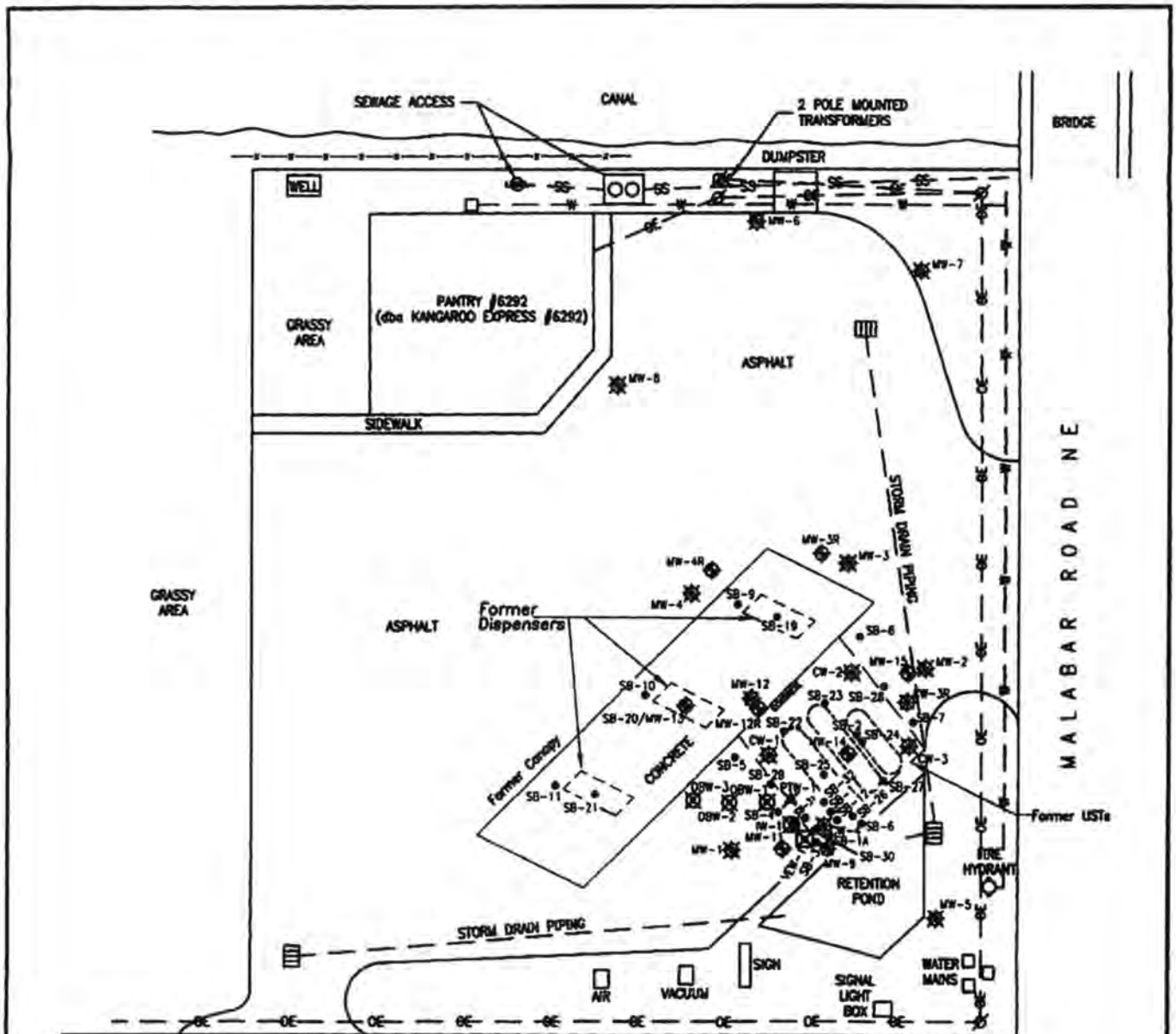
I hereby certify that in my professional judgment, the components of this SAR/NFAP prepared for the 7/26/1993 petroleum product discharge discovered at the above-referenced facility satisfy the requirements set forth in Chapter 62-780, Florida Administrative Code (F.A.C.), and that the conclusions in this report provide reasonable assurances that the site rehabilitation objectives stated in Chapter 62-780, F.A.C., have been met.

I personally completed this review.

This review was conducted by _____
working under my direct supervision.


Date

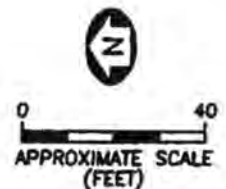
Exhibit A



LEGEND

- ⊕ COMPLIANCE WELL
- ⊙ MONITORING WELL
- ⊗ ABANDONED/DESTROYED COMPLIANCE WELL
- ⊗ ABANDONED/DESTROYED MONITORING WELL
- ⊗ ABANDONED INTERMEDIATE MONITORING WELL
- ⊗ ABANDONED OBSERVATION WELL
- ⊗ ABANDONED PUMPING TEST WELL
- ⊗ ABANDONED VAPOR EXTRACTION WELL
- FORMER SOIL BORING LOCATIONS (SB-1 through SB-12)
- 2015 SOIL BORING LOCATIONS (SB-19 through SB-32)

- OE — OVERHEAD ELECTRIC
- W — WATER LINE
- S — SEWER LINE
- ⊕ POWER POLE
- ▤ STORM DRAIN



SPCI Southeastern Petroleum Contractors, Inc
 5262 State Road 54
 New Port Richey, Florida 34652
 Phone: (727) 844-0563
 Fax: (727) 842-8532

Figure No.:
1

SITE PLAN
 Lil Champ #6292
 6375 Minton Road NE
 Palm Bay, Florida 32907
 FDEP No. 059045599

Date: 1/15/16
 Project No.:
 Scale: 1:40
 Drawn by: JB
 Checked by: RE

TABLE 6: GROUNDWATER ANALYTICAL SUMMARY - VOCs and Metals

Facility ID No: 089046889

Facility Name: Lil Champ #6292

See notes at end of table.

Sample	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total VOCs	MTBE	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Total Iron	Total Arsenic	Total Cadmium	Total Chromium	Total Lead	Dissolved Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
CW-1	7/30/1993	1 U	1 U	1 U	3 U	6 U	14	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	14	1 U	1 U	2 U	14	3	NA	NA	NA	NA	NA	NA	NA
	5/5/1994	22	5	1 U	2	39	30	0.02 U	1 U	NA	NA	NA	NA	191
	2/2/1995	20	1	1 U	13	44	110 D	NA	NA	NA	NA	NA	NA	183
		abandoned												
CW-2	7/30/1993	1 U	1 U	1 U	3 U	6 U	2 U	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	8,100	194	10	1,580	9,284	87	NA	NA	NA	NA	NA	NA	NA
	5/5/1994	10	3	1 U	3 U	13	83	0.02 U	1 U	NA	NA	NA	NA	15
	2/2/1995	8	1 U	1 U	2 U	6	110 D	NA	NA	NA	NA	NA	NA	15
		abandoned												
CW-3	7/30/1993	3	2	1 U	3 U	5	3	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	15	1 U	1 U	2 U	15	2	NA	NA	NA	NA	NA	NA	NA
	5/5/1994	4	1 U	1 U	3 U	4	17	0.02 U	1 U	NA	NA	NA	NA	338
	7/5/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2 U
	2/2/1995	1 U	1 U	1 U	2 U	5 U	9	NA	NA	NA	NA	NA	NA	819
	9/25/2000	1,000 U	1,000 U	1,000 U	2,000 U	6,000 U	1.6	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	1 U	1 U	1 U	2 U	5 U	2 U	NA	NA	NA	NA	NA	NA	NA
		abandoned												
CW-3R	6/23/2008	0.500 U	0.500 U	0.500 U	0.500 U	2.000 U	1.00 U	NA	NA	NA	NA	NA	NA	NA
	8/6/2012	0.6 U	0.4 U	0.3 U	0.5 U	1.6 U	0.3 U	NA	NA	NA	NA	NA	NA	NA
CW-4	7/30/1993	1 U	1 U	1 U	3 U	6 U	11	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	10	1 U	1 U	2 U	10	3	NA	NA	NA	NA	NA	NA	NA
	5/5/1994	2,860 D	12	88	280	2,957	285 D	0.02 U	1 U	NA	NA	NA	NA	5 U
	2/2/1995	860	30	40	1,010	2,000	10 U	NA	NA	NA	NA	NA	NA	278
		abandoned												
MW-1	5/5/1994	1 U	1 U	1 U	3 U	6 U	2 U	0.02 U	1 U	NA	NA	NA	NA	5 U
	2/1/1995	1 U	1 U	1 U	16	18	1 U	NA	NA	NA	NA	NA	NA	27
	5/8/1999	1 U	1 U	1 U	2 U	5 U	1 U	NA	NA	NA	NA	NA	NA	NA
	9/25/2000	1,000 U	1,000 U	1,000 U	2,000 U	6,000 U	1,000 U	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	1 U	1 U	1 U	2 U	5 U	2 U	NA	NA	NA	NA	NA	NA	NA
MW-2	5/5/1994	1 U	1 U	1 U	3 U	6 U	2 U	0.02 U	1 U	NA	NA	NA	NA	8
	2/1/1995	1 U	1 U	1 U	2 U	5 U	1 U	NA	NA	NA	NA	NA	NA	38
	9/25/2000	1,000 U	1,000 U	1,000 U	2,000 U	6,000 U	4.8	NA	NA	NA	NA	NA	NA	NA
	12/14/2000	1 U	1 U	1 U	2 U	5 U	3.3	NA	NA	NA	NA	NA	NA	NA
GCTLs	1**	40**	30**	20**	NA	20	0.02**	3**	300**	10**	5**	100**	15**	15**
NADCs	100	400	300	200	NA	200	3	300	3,000	100	50	1,000	150	150

Notes: VOCs = volatile organic compounds; VOAs = volatile organic aromatics; MTBE = methyl tert-butyl ether; µg/L = micrograms per liter; NA = not analyzed.

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C. (bolded values exceed GCTLs)

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C. (bolded & shaded values exceed NADCs)

** = As provided in Chapter 62-550, F.A.C.

If an analyte is not detected, the method detection limit is reported (i.e., 0.01 U or ND(0.01)). BDL or <0.01 are not acceptable.

Freshwater Surface Water (FSW), Marine Surface Water (MSW) and Groundwater of Low Yield/Poor Quality (LY/PQ) CTLs should be added to the base of the table as applicable.

TABLE 6: GROUNDWATER ANALYTICAL SUMMARY - VOCs and Metals (continued)

Facility ID No: 069048889

Facility Name: LI Champ #6292

See notes at end of table.

Sample		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total VOCs	MTBE	1,3-Di-bromoethane (DBE)	1,3-Di-chloroethane (DCE)	Total Iron	Total Arsenic	Total Cadmium	Total Chromium	Total Lead	Dissolved Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-3	6/5/1994	5	1 U	1 U	3 U	5	280 D	0.02 U	1 U	NA	NA	NA	NA	5 U	NA
	2/1/1995	6	1 U	1 U	2 U	6	66	NA	NA	NA	NA	NA	NA	NA	NA
	9/26/2000	1,000 U	1,000 U	1,000 U	2.4	2.4	2.0	NA	NA	NA	NA	NA	NA	NA	NA
	12/14/2000	1 U	1 U	1 U	2 U	5 U	3.2	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2001	1 U	1 U	1 U	2 U	5 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	1 U	1 U	1 U	2 U	5 U	3.1	NA	NA	NA	NA	NA	NA	NA	NA
MW-3R	8/23/2008	0.500 U	0.500 U	0.500 U	0.500 U	2,000 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA
	9/6/2012	0.6 U	0.4 U	0.3 U	0.5 U	1.8 U	0.3 U	NA	NA	NA	NA	NA	NA	NA	NA
	5/19/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	5/5/1994	1 U	1 U	1 U	3 U	6 U	3	0.02 U	1 U	NA	NA	NA	NA	5 U	NA
	2/1/1995	1 U	1 U	1 U	2 U	5 U	4	NA	NA	NA	NA	NA	NA	58	5 U
	9/26/2000	1,000 U	1,000 U	1,000 U	2,000 U	6,000 U	1.0	NA	NA	NA	NA	NA	NA	NA	NA
	12/14/2000	1 U	1 U	1 U	2 U	5 U	2 U	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2001	1 U	1 U	1 U	2 U	5 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	1 U	1 U	1 U	2 U	5 U	2 U	NA	NA	NA	NA	NA	NA	NA	NA
MW-4R	8/23/2008	0.500 U	0.500 U	0.500 U	0.500 U	2,000 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA
	9/6/2012	0.6 U	0.4 U	0.3 U	0.5 U	1.8 U	0.3 U	NA	NA	NA	NA	NA	NA	NA	NA
	5/19/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	5/5/1994	1 U	1 U	1 U	3 U	6 U	2 U	0.02 U	1 U	NA	NA	NA	NA	61	NA
	2/1/1995	1 U	1 U	1 U	2 U	6 U	1 U	NA	1 U	NA	NA	NA	NA	37	5 U
	6/9/1999	1 U	1 U	1 U	2 U	5 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	7/5/1994	2	4	1 U	3 U	6	28	NA	NA	NA	NA	NA	NA	NA	NA
	2/1/1995	4	1 U	1 U	2 U	4	60 D	NA	1 U	NA	NA	NA	NA	28	5 U
		abandoned													
MW-7	7/5/1994	1 U	1 U	1 U	3 U	6 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	2/1/1995	1 U	1 U	1 U	2 U	6 U	1 U	NA	1 U	NA	NA	NA	NA	58	5 U
MW-8	7/5/1994	1 U	1 U	1 U	3 U	6 U	4	NA	NA	NA	NA	NA	NA	NA	NA
	2/1/1995	1 U	1 U	1 U	2 U	5 U	15	NA	1 U	NA	NA	NA	NA	103	5 U
GCTLs		1**	40**	30**	30**	NA	20	0.02**	3**	300**	10**	5**	100**	15**	15**
NADCLs		100	400	300	200	NA	200	2	300	3,000	100	50	1,000	100	150

Notes: VOCs = volatile organic compounds; VOAs = volatile organic aromatics; MTBE = methyl tert-butyl ether; µg/L = micrograms per liter; NA = not analyzed.

GCTLs = Groundwater Cleanup Target Levels specified in Table 1 of Chapter 62-777, F.A.C. (bolded values exceed GCTLs)

NADCLs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C. (bolded & shaded values exceed NADCLs)

** = As provided in Chapter 62-050, F.A.C.

If an analyte is not detected, the method detection limit is reported [i.e., 0.01 U or MD(D 01); BCL or <0.01 are not acceptable]

Freshwater Surface Water (FSW), Marine Surface Water (MSW) and Groundwater of Low Yield/Poor Quality (LY/PQ) CTLs should be added to the base of the table as applicable.

TABLE 6: GROUNDWATER ANALYTICAL SUMMARY - VOCs and Metals (continued)

Facility ID No: 068046599

Facility Name: LI Champ #6292

See notes at end of table.

Sample		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total VOAs	MTBE	1,2-Dichloroethane (EDC)	1,3-Dichloroethane (EDC)	Total Iron	Total Arsenic	Total Cadmium	Total Chromium	Total Lead	Dissolved Lead
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-9	12/29/1999	1 U	1 U	1 U	2 U	5 U	16.2	NA	NA	NA	NA	NA	NA	NA	NA
	9/26/2000	1,000 U	1,000 U	1,000 U	2,000 U	6,000 U	2.2	NA	NA	NA	NA	NA	NA	NA	NA
	12/14/2000	1 U	1 U	1 U	2 U	5 U	4.0	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2001	1 U	1 U	1 U	2 U	5 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	1 U	1 U	1 U	2 U	5 U	2 U	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	12/29/1999	2.85	1 U	1 U	2 U	2.83	23.7	NA	NA	NA	NA	NA	NA	NA	NA
	9/26/2000	1,000 U	1,000 U	1,000 U	2,000 U	6,000 U	15.2	NA	NA	NA	NA	NA	NA	NA	NA
	12/14/2000	1 U	1 U	1 U	2 U	5 U	20	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2001	1 U	1 U	1 U	2 U	5 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	1 U	1 U	1 U	2 U	5 U	16	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	6/23/2008	0.500 U	0.500 U	0.500 U	0.500 U	2,000 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA
	9/6/2012	0.6 U	0.4 U	0.3 U	0.5 U	1.8 U	0.3 U	NA	NA	NA	NA	NA	NA	NA	NA
	5/19/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	3/23/2007	0.3 U	0.2 U	0.2 U	0.2 U	0.9 U	0.3 U	NA	NA	NA	NA	NA	NA	NA	NA
	8/6/2012	0.6 U	0.4 U	0.3 U	0.5 U	1.8 U	0.3 U	NA	NA	NA	NA	NA	NA	NA	NA
MW-12R	10/14/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5 I	NA
MW-13	5/19/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
MW-14	5/19/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
MW-15	5/19/2015	0.30 I	0.50 U	0.50 U	0.50 U	0.30	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/2015	0.10 U	0.50 U	0.50 U	0.50 U	1.60 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
TW-1	5/5/1994	1 U	1 U	1 U	4	4	2 U	0.02 U	1 U	NA	NA	NA	NA	5 U	NA
	2/1/1995	32	4	38	9	83	1 U	NA	1 U	NA	NA	NA	NA	5 U	5 U
	5/6/1998	1 U	1 U	1 U	2 U	8 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	8/25/2000	2.1	1.0	1,000 U	2,000 U	3.1	1 U	NA	NA	NA	NA	NA	NA	NA	NA
OBW-3	5/6/1999	1 U	1 U	1 U	2 U	3 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	8/28/2000	1,000 U	1,000 U	1,000 U	2,000 U	6,000 U	1,000 U	NA	NA	NA	NA	NA	NA	NA	NA
PTW-1	10/1/1995	4	1 U	1 U	2 U	4	2	NA	NA	6,385	NA	NA	NA	5 U	5 U
	5/6/1999	1 U	1 U	1 U	2 U	5 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA
	8/25/2000	7.2	2.3	1,000 U	2.0	11.5	1.6	NA	NA	NA	NA	NA	NA	NA	NA
SB-6	7/25/2008	0.500 U	0.500 U	0.500 U	0.500 U	2,000 U	1.00 U	NA	NA	NA	NA	NA	NA	NA	NA
screened	12-18														
WC-1	5/12/2015	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP															
FOR WASTE CHARACTERIZATION ONLY															
GCLs		1**	40**	30**	20**	NA	20	0.02**	3**	300**	10**	5**	100**	15**	15**
NADCs		100	400	300	200	NA	200	2	300	3,000	100	50	1,000	150	150

Notes: VOCs = volatile organic compounds; VOAs = volatile organic aromatics; MTBE = methyl tert-butyl ether; µg/L = micrograms per liter; NA = not analyzed.

GCLs = Groundwater Cleanup Target Levels specified in Table 1 of Chapter 62-777, F.A.C. (bolded values exceed GCLs)

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C. (bolded & shaded values exceed NADCs)

** = As provided in Chapter 62-550, F.A.C.

If an analyte is not detected, the method detection limit is reported [i.e., 0.01 U or ND(0.01)]; SCL or <0.01 are not acceptable

Freshwater Surface Water (FSW), Marine Surface Water (MSW) and Groundwater of Low Yield/Poor Quality (LY/PQ) CTLs should be added to the base of the table as applicable

TABLE 7: GROUNDWATER ANALYTICAL SUMMARY - PAHs and TRPHs

See notes at end of table.

Facility Name: LIJ Champ 897202

Facility ID No: 06904609

Sample Location	Depth	TRPHs	Depth-Discrete	1-Multi-depth-Discrete	3-Multi-depth-Discrete	Acetylene	Acetylene	Acetylene	Benzene (t.A.U.)	Phenanthrene	Phenanthrene	Pyrene	Benzene (H)	Benzene (M)	Benzene (D)	City-Source	Benzene (t.A.U.)	Benzene (1,2,3-td)
CIV-1	7/30/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/27/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/30/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIV-2	7/30/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/27/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/30/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIV-3	7/30/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/27/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/30/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIV-3R	8/23/2008	100 U	1.00 U	1.00 U	1.00 U	1.00 U	0.200 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
	8/23/2012	NA	0.24 U	0.21 U	0.21 U	0.21 U	0.23 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
	7/30/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIV-4	7/30/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/27/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/30/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAN-1	5/5/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/17/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/8/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/25/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/25/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAN-2	5/5/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/17/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/8/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/25/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/25/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SCTLE	5/5/2008	5,000	14	20	20	210	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
	8/23/2008	50,000	140	200	200	2,100	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000
	8/23/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/30/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes: PAHs = polynuclear aromatic hydrocarbons; TRPHs = total recoverable petroleum hydrocarbons, ppb; micrograms per liter; NA = not analyzed
 CCTLs = Contractor Cleanup Target Levels specified in Table 1 of Chapter 62-771, F.A.C. (Revised 08/01/01)
 MOCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C. (Revised & clarified 08/01/01)
 * As provided in Chapter 62-560, F.A.C.
 ** See the October 12, 2004 "Guidance for the Selection of Analytical Methods and for the Evaluation of Fractionated Quantitation Units" to determine how to evaluate data when the CTL is lower than the PCL.
 If an analyte is not detected, the method detection level is reported (e.g., 0.01 U or HQ001) BCL or 0.01 are not acceptable.
 Freshwater Surface Water (FSW), Marine Surface Water (MSW) and Groundwater of Low Yield/Short Cavity (LYSC) CTLs should be added to the base of the table as appropriate.

TABLE 7: GROUNDWATER ANALYTICAL SUMMARY - PAHs and TRPHs (continued)

Facility Name: LI Champ #0262

Facility ID No: 063046689

See notes at end of table.

Sample Location	Date	TRPHs (ppb-L)	1-Methyl-naphthalene (ppb-L)	2-Methyl-naphthalene (ppb-L)	Acenaphthylene (ppb-L)	Acenaphthene (ppb-L)	Fluorene (ppb-L)	Phenanthrene (ppb-L)	Pyrene (ppb-L)	Benzo (a) anthracene (ppb-L)	Benzo (b) Fluoranthene (ppb-L)	Benzo (k) Fluoranthene (ppb-L)	Chrysenes (ppb-L)	Other PAHs (ppb-L)	Indane (1,2,3-cd) pyrene (ppb-L)
MW-3	5/9/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/11/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/14/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5R	6/26/2008	100 U	1.00 U	1.00 U	0.100 U	0.200 U	0.100 U	0.100 U	0.200 U	0.100 U	0.100 U	0.100 U	0.100 U	0.200 U	0.100 U
	8/6/2012	NA	0.24 U	0.19 U	0.21 U	0.20 U	0.18 U	0.19 U	0.09 U	0.17 U	0.07 U	0.12 U	0.17 U	0.12 U	0.29 U
	8/16/2015	69 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	10/14/2016	88 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
MW-4	5/21/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/11/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/14/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6R	6/26/2008	100 U	1.00 U	1.00 U	0.100 U	0.200 U	0.100 U	0.100 U	0.200 U	0.100 U	0.100 U	0.100 U	0.100 U	0.200 U	0.100 U
	8/6/2012	NA	0.24 U	0.19 U	0.21 U	0.20 U	0.18 U	0.19 U	0.09 U	0.17 U	0.07 U	0.12 U	0.17 U	0.12 U	0.29 U
	8/16/2015	84 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	10/14/2016	97 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
MW-8	5/21/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/11/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/14/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	7/5/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/11/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	7/5/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/11/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OC15L	5,000	14	25	25	20	210	210	210	210	0.00*	0.00*	0.00*	0.5	0.00*	0.00*
MAR05	63,000	160	260	250	300	2,000	2,000	2,000	2,100	2,100	2,100	2,100	600	0.5	5

Notes: PAHs = polycyclic aromatic hydrocarbons; TRPHs = total nonvolatile petroleum hydrocarbons; ug/L = micrograms per liter; NA = not analyzed
 OC15L = On-column Cleanup Total Levels specified in Table I of Chapter 63-771, F.A.C. (rounded values exceed BCLs)
 MAR05 = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 63-771, F.A.C. (rounded & stated values exceed MAR05)
 * = As provided in Chapter 63-600, F.A.C.
 * = See October 12, 2004 "Guidance for the Evaluation of Analytical Methods and for the Evaluation of Practical Quantitation Limits" to determine how to evaluate data when the CTL is lower than the PCL.
 If an analyte is not detected, the method detection limit is reported (0.1, 0.01 U or MDL/0.01; BCL or dL are not applicable).
 Freshwater Surface Water (FSW), Marine Surface Water (MSW) and Groundwater of Low Yield/Flow Quality (LYFQ) CTLs would be added to the base of the table as applicable.

TABLE 7: GROUNDWATER ANALYTICAL SUMMARY - PAHs and TRPHs (continued)

Facility ID No: 059046596

Facility Name: LI Champ #6332

See notes at end of table.

Sample Location	Depth (ft)	TRPHs (µg/L)	Naphthalene (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Acenaphthylene (µg/L)	Acenaphthene (µg/L)	Anthracene (µg/L)	Benz[a]fluoranthene (µg/L)	Fluorene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Benzo[b]fluoranthene (µg/L)	Benzo[k]fluoranthene (µg/L)	Benzo[e]pyrene (µg/L)	Benzo[a]pyrene (µg/L)	Chrysene (µg/L)	Benz[a]anthracene (µg/L)	Indeno[1,2,3-cd]perylene (µg/L)
MW-9	12/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/2015	50 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
MW-10	12/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/2015	100 U	1.0 U	1.0 U	2.0 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
MW-11	9/26/2000	200 U	0.24 U	0.37 U	0.16 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
	9/18/2015	56 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	10/14/2015	57 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
MW-12	3/22/2007	500 U	1.51	0.20 U	0.12 U	0.26 U	0.15 U	0.17 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
	9/6/2012	369 U	21	4.1	6.7	8.8	11	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
			abandoned																
MW-12R	10/14/2015	NA	7.5	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	4/21/2016	NA	13.4	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
MW-13	9/18/2015	55 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	10/14/2015	56 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
MW-14	9/18/2015	57 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	10/14/2015	56 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
MW-15	9/18/2015	56 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
	10/14/2015	56 U	1.0 U	1.0 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
QC TLs		5,000	14	20	20	20	210	2,100	210	210	210	210	210	210	210	210	210	210	210
MAOCs		50,000	140	260	260	2,100	2,600	21,000	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600

Notes: PAHs = polynuclear aromatic hydrocarbons; TRPHs = total recoverable petroleum hydrocarbons; µg/L = micrograms per liter; NA = not analyzed; QC TLs = Groundwater Cleanup Target Levels specified in Table 1 of Chapter 62-777, F.A.C. (published values exceed MAOCs); MAOCs = Natural Attenuation Default Source Concentrations specified in Table 4 of Chapter 62-777, F.A.C. (published & stated values exceed MAOCs); ** = As provided in Chapter 62-560, F.A.C. * = See the October 12, 2004 "Guidance for the Selection of Analytical Methods and for the Evaluation of Remediation Levels" to determine how to evaluate data when the CTL is lower than the PCL. If an analyte is not detected, the method detection limit is reported (µg/L or ng/L or µg/L or ng/L are not acceptable). Freshwater Surface Water (FSW), Marine Surface Water (MSW) and Groundwater of Low Yield/Poor Quality (L/Y/PQ) CTLs should be added to the table as applicable.

TABLE 7: GROUNDWATER ANALYTICAL SUMMARY - PAHs and TRPHs (continued)

Facility ID No: 059045599

Facility Name: LJI Champ #8292

See notes at end of table.

Sample Location	Date	TRPHs (µg/L)	Naphthalene (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzofluoranthene (µg/L)	Fluoranthene (µg/L)	Pyrene (µg/L)	Benzofluoranthene (µg/L)	Benzofluoranthene (µg/L)	Benzofluoranthene (µg/L)	Benzofluoranthene (µg/L)	Chrysene (µg/L)	Dibenz(ah)anthracene (µg/L)	Indeno(1,2,3-cd)pyrene (µg/L)
FW-1	8/8/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/1/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/9/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/25/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORW-3	5/9/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PTW-1	10/1/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/9/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/25/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-6	7/29/2008	100 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	0.100 U	0.100 U	0.100 U	0.200 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.200 U	0.100 U
summed 12-18*																		
GCTLs		6,000	14	28	20	210	210	2,100	210	280	210	0.05*	0.05*	0.05*	0.05*	4.8	0.005*	0.05*
MADCS		50,000	140	280	200	2,100	2,100	21,000	2,100	2,800	2,100	0.05*	0.05*	0.05*	50	480	0.5	5

Notes: PAHs = polycyclic aromatic hydrocarbons; TRPHs = total recoverable petroleum hydrocarbons; µg/L = micrograms per liter; NA = not analyzed.
 GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C. (bolded values exceed GCTLs)
 MADCS = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C. (bolded & shaded values exceed MADCS)
 * = As prohibited in Chapter 62-560, F.A.C.

* = See the October 12, 2004 "Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits" to determine how to evaluate data when the CTL is lower than the PCL. If an analyte is not detected, the method detection limit is reported (i.e., 0.01 U or ND(0.01); BDL or <0.01 are not acceptable).

Freshwater Surface Water (FSW), Marine Surface Water (MSW) and Groundwater of Low Yield/Poor Quality (LY/PQ) CTLs should be added to the base of this table as applicable.

TABLE 2: SOIL ANALYTICAL SUMMARY - VOAs, TRPHs and Metals

See notes at end of table.

Facility ID No: 069045699 Facility Name: LIJ Champ #6292

Battery/ Well No.	Sample		Net OVA Releasing (ppm)	Laboratory Analyses										Comments
	Date Collected	Depth to Water (ft) (page)		Sample Interval (ft) (page)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TRPHs (mg/kg)	Aromatic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	
68B-1	4/20/2008	NA	Flame out	10.208	28.299	38.869	261.893	8.120 I	888	NA	NA	NA	NA	NA
68B-1A	3/20/2007	11	0	1.2 U	1.4 U	1.3 U	1.2 U	1.4 U	5.1 U	NA	NA	NA	NA	
68B-6	7/26/2008	14	28	0.00200 U	0.00200 U	0.00200 U	0.00271	0.00400 U	4.00 U	NA	NA	NA	NA	
68B-8	7/26/2008	14	0	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00400 U	4.00 U	NA	NA	NA	NA	
68B-9	7/26/2008	12	0	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00400 U	4.00 U	NA	NA	NA	NA	
68B-12	8/6/2012	11	4.351	0.024 U	0.028 U	0.260 L	0.110 L	0.020 U	448 L	NA	NA	NA	NA	
MWH-12	3/20/2007	15	78	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	4.8 U	NA	NA	NA	NA	
68B-20	5/12/2015	14	282	0.0027 U	0.0026 U	0.0030 U	0.0054 U	0.0026 U	56.6	NA	NA	NA	NA	
68B-23	5/12/2015	14	54	0.0023 U	0.0025 U	0.0026 U	0.0047 U	0.0023 U	7.11	NA	NA	NA	NA	
68B-24	5/12/2015	14	34	0.0024 U	0.0025 U	0.0027 U	0.0048 U	0.0024 U	2.7 U	NA	NA	NA	NA	
MHC-1	5/12/2015	-	-	TCLP	NA	NA	NA	NA	NA	NA	NA	NA	NA	
68B-32	10/2/2015	11	4	0.0026 U	0.0026 U	0.0026 U	0.0053 U	0.0026 U	2.8 U	NA	NA	NA	NA	
SCTL Leachability Based on Groundwater Criteria (mg/kg)				0.007	0.5	0.5	0.2	0.09	340	2.1	7.5	28	400	
SCTL Direct Exposure Residential (mg/kg)				1.2	7.500	1.500	1.30	4.400	480	210	82	210	400	

Notes: SCTL = Soil Cleanup Target Level specified in Table 8 of Chapter 62-777, F.A.C. (Soiled values exceed one SCTL; bolded and shaded values exceed two SCTLs; bolded and shaded values exceed both SCTLs)
 OVA = organic vapor analyzer; ft bgs = feet below ground surface; ppm = parts per million; MTBE = methyl tert-butyl ether; TRPHs = total recoverable petroleum hydrocarbons; mg/kg = milligrams per kilogram; NA = Not Analyzed.
 * = Leachability value may be determined using TCLP (toxicity characteristic leaching procedure).
 If an analyte is not detected, the method detection limit is reported [i.e., 0.01 U or ND(0.01); BDL or <0.01 are not acceptable].

TABLE 3: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

Facility ID No: 059045599 Facility Name: LIJ Champ #8292

See notes at end of table.

Sampling/Well No.	Sample		CVA	Laboratory Analysis											Comments
	Depth to Water (ft bgs)	Sample Interval (ft bgs)		Net CVA Reading (ppm)	Naphthalene (mg/kg)	1-methyl-naphthalene (mg/kg)	2-methyl-naphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo (a)pyrene (mg/kg)	Fluoranthene (mg/kg)	Fluoranthene (mg/kg)	Phenanthrene (mg/kg)	
SB-1	NA	4	Flame out	3.098	1.440	1.270	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	
SB-1A	11	7	6	0.005 U	0.005 U	0.002 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.004 U	0.004 U	0.006 U	
SB-6	14	11	28	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	
SB-6	14	9	0	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	
SB-9	12	7	0	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	0.0980 U	
SB-12	11	4	4,351	7.9 L	8.0 L	17 L	1.4	2.8 L	0.07	0.004 U	0.53 L	0.12	0.12	0.40 L	
MWH-12	15	11	78	0.004 U	0.004 U	0.002 U	0.003 U	0.004 U	0.006 U	0.004 U	0.003 U	0.003 U	0.003 U	0.006 U	
SB-20	14	1-2	252	0.0541	0.16	0.22	0.013 U	0.011 U	0.022 U	0.025 U	0.040	0.057	0.085	0.074	
SB-23	14	7-9	54	0.0351	0.0491	0.0481	0.038 U	0.033 U	0.033 U	0.035 U	0.048 U	0.048 U	0.048 U	0.053 U	
SB-24	14	3-3	34	0.011 U	0.012 U	0.014 U	0.013 U	0.011 U	0.011 U	0.012 U	0.011 U	0.013 U	0.013 U	0.011 U	
MHC-1	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SB-32	11	2	4	0.012 U	0.013 U	0.013 U	0.013 U	0.011 U	0.011 U	0.013 U	0.012 U	0.012 U	0.014 U	0.011 U	
SCTL Leachability Based on Groundwater Criteria (mg/kg)				1.2	3.1	8.5	2.1	2.00	1.80	2.500	32.000	1.200	160	250	
SCTL Direct Exposure Residential (mg/kg)				56	200	210	2.00	1.80	21.000	2.500	3.500	2.800	2.200	2.400	

Notes: CVA = organic vapor analyzer; ft bgs = feet below ground surface; ppm = parts per million; mg/kg = milligrams per kilogram; NA = Not Analyzed.
 SCTL = Soil Cleanup Target Level specified in Table II of Chapter 62-777, F.A.C. (bolded values exceed one SCTL; bolded and shaded values exceed both SCTLs).
 If an analyte is not detected, the method detection limit is reported (i.e., 0.01 U or ND(0.01); BDL or <0.01 are not acceptable).

TABLE 4: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

See notes at end of table.

Facility Name: LIJ Champ #8292

Facility ID No: 069045599

Boring/ Well No.	Date Collected	Depth to Water (ft bgs)	Sample Interval (ft bgs)	OVA Net OVA Residing (ppm)	Laboratory Analyses								Comments	
					Benzo (a) pyrene (mg/kg)	Benzo (b) fluoran- threne (mg/kg)	Benzo (k) fluoran- threne (mg/kg)	Chrysene (mg/kg)	Dibenz (a,h) anthra- cene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Benzo (e) pyrene equivalent (mg/kg)			
SB-1	4/20/2008	NA	4	Flame out	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	NA	
SB-1A	3/20/2007	11	7	8	0.04	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.044404	
SB-6	7/28/2008	14	11	28	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	NA	
SB-8	7/25/2008	14	8	0	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	NA	
SB-9	7/28/2008	12	7	0	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	0.0680 U	NA	
SB-12	8/8/2012	11	4	4,351	0.004 U	0.002 U	0.004 U	0.02	0.004 U	0.004 U	0.004 U	0.004 U	0.00453	
MW-12	3/20/2007	15	11	78	0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.003 U	0.003 U	0.003 U	NA	
SB-20	5/12/2015	14	1-2	252	0.027 I	0.027 I	0.032 I	0.0078 U	0.030 I	0.010 U	0.010 U	0.014 I	0.0394	
SB-23	5/12/2015	14	7-8	54	0.027 I	0.031 I	0.081 U	0.023 U	0.038 U	0.031 U	0.042 U	0.0519		
SB-24	5/12/2015	14	2-3	34	0.0040 U	0.010 U	0.028 U	0.0074 U	0.012 U	0.0089 U	0.013 U	NA		
WC-1	5/12/2015	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SB-32	10/2/2015	11	2	4	0.0042 U	0.010 U	0.027 U	0.0078 U	0.013 U	0.010 U	0.014 U	NA		
SCTL Leachability Based on Groundwater Criteria (mg/kg)					8	0.6	2.4	24	77	0.7	8.6	--		
SCTL Direct Exposure Residential (mg/kg)					0.1	0.6	2.4	24	77	0.7	8.6	0.1		

Notes:
 OVA = organic vapor analyzer; ft bgs = feet below ground surface; ppm = parts per million; mg/kg = milligrams per kilogram; NA = Not Analyzed.
 SCTL = Soil Cleanup Target Level specified in Table II of Chapter 62-777, F.A.C. (bolded values exceed one SCTL; bolded and shaded values exceed both SCTLs)
 -- = Leachability value not applicable.
 # = Direct Exposure value not applicable except as part of the Benzo(a)pyrene equivalent.
 If an analyte is not detected, the method detection limit is reported [i.e., 0.01 U or ND(0.01); BDL or <0.01 are not acceptable].

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: LJ Champ #6292
 Location: Palm Bay, Florida
 Facility/Site ID No.: 059045599

Soil Sample No. SB-20 (1-2 ft)
 Sample Date 5/12/2015
 Location: SB-20
 Depth (ft): 1-2

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.0270	1.0	0.0270
Benzo(a)anthracene	0.0270	0.1	0.0027
Benzo(b)fluoranthene	0.0320	0.1	0.0032
Benzo(k)fluoranthene	0.0039	0.01	0.0000
Chrysene	0.0300	0.001	0.0000
Dibenz(a,h)anthracene	0.0050	1.0	0.0050
Indeno(1,2,3-cd)pyrene	0.0140	0.1	0.0014

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.0394

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Lil Champ #6292
 Location: Palm Bay, Florida
 Facility/Site ID No.: 059045599

Soil Sample No. SB-23 (7-8 ft)
 Sample Date 5/12/2015
 Location: SB-23
 Depth (ft): 7-8

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.0270	1.0	0.0270
Benzo(a)anthracene	0.0310	0.1	0.0031
Benzo(b)fluoranthene	0.0405	0.1	0.0041
Benzo(k)fluoranthene	0.0115	0.01	0.0001
Chrysene	0.0190	0.001	0.0000
Dibenz(a,h)anthracene	0.0155	1.0	0.0155
Indeno(1,2,3-cd)pyrene	0.0210	0.1	0.0021

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.0519

The concentration shown does not exceed the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

Florida Department of
Environmental Protection

Memorandum

TO: *ML*
Lewis Corman, Storage Tanks Regulation Section
Bureau of Petroleum Storage Systems

FROM: *MJ*
Michael J. Bland, Petroleum Cleanup Section 4
Bureau of Petroleum Storage Systems

DATE: June 15, 2007

SUBJECT: Lil Champ #6292 (dba Kangaroo Express #6292)
6375 Minton Road NE
Palm Bay, Brevard County
FDEP Facility ID#059045599

I have completed the review of the Recommendation to Rescind SRCO dated May 30, 2007 prepared and submitted by TERRA-COM Environmental Consulting, Inc. requesting the rescission of the Site Rehabilitation Completion Order (SRCO) issued by the Florida Department of Environmental Protection (Department) on April 18, 2002 for the petroleum product discharges discovered at the above referenced facility. Site conditions indicate that the increase in contaminant concentrations is not due to any subsequent discharge. This contamination appears to be related to the July 26, 1993 and February 9, 1994 discharges. The May 4, 2006 ✓ discharge appears to be a re-reporting of contamination associated with the July 26, 1993 and February 9, 1994 discharges and as such, should be deleted from STCM/PCT.

If you have any questions, please contact me at 245-8912.

Discharge Deleted
From PCT
6/19/07 10⁵² AM
TJC



Department of Environmental Protection

Jeb Bush
Governor

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

David B. Struhs
Secretary

APR 18 2002

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Sandy Metz
The Pantry, Inc.
8930 Western Way, Suite 4
Jacksonville, FL 32256

Subject: Site Rehabilitation Completion Order
Lil' Champ Food Store #292
6375 Minton Road
Palm Bay, Brevard County
FDEP Facility ID# 0590455989
Discharge Dates: July 26, 1993 and February 9, 1994 (PLRIP, Non-program)

Dear Ms. Metz:

Brevard County Natural Resources Management Office (BCNRMO) has reviewed the Natural Attenuation Monitoring Annual Report / Site Rehabilitation Completion Report (SRCR) dated August 31, 2001 (received September 18, 2001), and the Monitoring Well Abandonment Report dated March 25, 2002 (received March 29, 2002), prepared and submitted by J.A. Jones Environmental Services Company for this site. Documentation submitted with the SRCR confirms that criteria set forth in Rule 62-770.680(1), Florida Administrative Code (F.A.C.), have been met. The SRCR 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 site for petroleum product contamination associated with the discharges listed above, except as set forth below.

In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the site, the Department of Environmental Protection (Department) may require site rehabilitation to reduce concentrations of petroleum products' contaminants of concern to the levels approved in the SRCR or otherwise allowed by Chapter 62-770, F.A.C.

Legal Issues

The Department's Order shall become final unless a timely petition for an administrative proceeding (hearing) is filed under Sections 120.569 and 120.57, Florida Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for a hearing are set forth below.

Persons affected by this Order have the following options:

If you choose to accept the above decision by the Department about the SRCR you do not have to do anything. This Order is final and effective as of the date on the top of the first page of this Order.

If you disagree with the decision, you may do one of the following:

- (1) File a petition for administrative hearing with the Department's Office of General Counsel within 21 days of receipt of this Order; or
- (2) File a request for an extension of time to file a petition for hearing with the Department's Office of General Counsel within 21 days of receipt of this Order. Such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for hearing.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for Hearing

For good cause shown, pursuant to Rule 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for hearing. Such a request must be filed (received) in the Department's Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from The Pantry, Inc., shall mail a copy of the request to The Pantry, Inc. at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for administrative hearing must be made.

How to File a Petition for Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from The Pantry, Inc., shall mail a copy of the request to The Pantry, Inc. at the time of filing. Failure to file a petition within this

time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Section 120.54(5)(b)4.a., F.S., and Rule 28-106.201, F.A.C., a petition for administrative hearing shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the name, address, and telephone number of the petitioner's representative, if any, the site owner's name and address, if different from the petitioner, the FDEP facility number, and the name and address of the facility;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective as of the date on the top of the first page of this Order. Timely filing a petition for administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an order responding to supplemental information provided pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, 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 of appeal must be filed within 30 days after this Order is filed with the clerk of the Department (see below).

The FDEP Facility Number for this site is 059045599. Please use this identification on all future correspondence with the Department or BCNRMO.

Ms. Sandy Metz
Page four

Questions

Any questions regarding BCNRMO's review of your SRCR should be directed to Tina C. Swanson, P.E. at (321) 253-1038. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 488-9314. Contact with any of the above does not constitute a petition for administrative hearing or request for an extension of time to file a petition for administrative hearing.

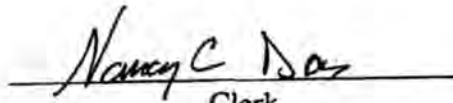
Sincerely,


Michael E. Ashe, Chief
Bureau of Petroleum Storage Systems

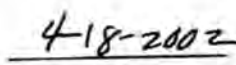
MEA/tcs

cc: G. Bret LeRoux, FDEP Central District Office
Grace Rivera, FDEP - BPSS
Tina C. Swanson, P.E., BCNRMO
Robert Sarfo, J.A. Jones Environmental Services, 8936 Western Way, Suite 10,
Jacksonville, Florida 32256
File

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



Clerk
(or Deputy Clerk)



Date

NATURAL RESOURCES MANAGEMENT OFFICE
2725 Judge Fran Jamieson Way, Viera, Florida 32940

Telephone: (321) 633-2017
Sun Com: 366-2017
FAX: (321) 633-2029



P.E. CERTIFICATION

Site Rehabilitation Completion Report for:

Lil' Champ Food Store #292
6375 Minton Road
Palm Bay, Florida
FDEP Facility ID# 059045599

RECEIVED
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
02 APR 12 AM 9:28
LAWRENCE J. FOLESON
STORAGE SYSTEMS
DOCUMENT MANAGEMENT
CENTER

I hereby certify that in my professional judgment, the components of this Site Rehabilitation Completion Report satisfy the requirements set forth in Chapter 62-770, Florida Administrative Code (F.A.C.), and that the conclusions in this report on the effectiveness of the natural attenuation provide reasonable assurances that the objectives stated in Chapter 62-770, F.A.C., have been met.

I personally completed this review.

This review was conducted by _____
working under my direct supervision.


Tina C. Swanson
Tina C. Swanson, P.E.
Professional Engineer #54093
Date: 4/8/02



Florida Department of Environmental Protection

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Mimi A. Drew
Secretary

01/18/2011
Brent Puzak, Director of Environmental Compliance
Kangaroo Express Inc #6292
PO Box 8019
Cary, NC 27512-8019

The Florida Department of Environmental Protection has reviewed your form 8700-12FL notification for a new hazardous waste DEP/EPA Identification Number or status/information change. Based on the information received you must use the following identification number for all manifests or reports for **Kangaroo Express Inc #6292** located at **6375 Minton Rd NE, Palm Bay , FL32907-3016**

FLD984231456

Your facility notified FDEP requesting the following hazardous waste status/activities which **do not require a separate submission: Conditionally Exempt SQG.**

Your facility is **currently registered** for the following activities: **None.**

Your facility is **currently permitted** as: **No Active Hazardous Waste Treatment, Storage, or Disposal Permit.**

If you have pending program registrations/certifications or permits, these will be mailed separately. You are required to notify us on form 8700-12FL if there is any change in your operations which would affect your status, activity or contact information. The form is found here:

<http://www.dep.state.fl.us/waste/categories/hwRegulation/pages/NotificationRegulatedWaste.htm>.

To review the details of your status, visit:

http://appprod.dep.state.fl.us/www_RCRA/Reports/handler_results.asp?epaid=FLD984231456.

For further assistance, please e-mail a Notification Coordinator at EPOST_HWreg@dep.state.fl.us or call us at (850)245-8707.

Sincerely,

Glen Perrigan
Environmental Manager
Hazardous Waste Regulation Section

ME ID: 35365 , Email Address: brentp@thepantry.com

Site No. 18

Lubrication Specialist Inc.

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD	Type: Retail Station
County: Brevard	Status: Closed
Facility ID#: 9602011	Latitude: 28:00:01.0506
Name: Lubrication Specialist Inc 6369 Minton Rd Nw Palm Bay, FL 32907	Longitude: 80:40:20.2072
Contact: Doug Baldwin II	LL Method: DPHO
Phone: 407-768-2990	LL Status: REVIEWED
	Status Date: 07//30/2009

Account Owner Information

Name: Lubrication Specialist Inc Po Box 542804 Merritt Island, FL 32954-2804	Effective Date: 09/13/1996
Phone: 321-784-9737	Placard#/Date: -

Tank Owner Information

Name: Lubrication Specialist Inc Po Box 542804 Merritt Island, FL 32954-2804	Effective Date: 09/13/1996
Phone: 321-784-9737	

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
1	950	Waste Oil	04/01/1995	ABOVE	A			

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

No Insurance Documents found!

No OPEN violations found!

No Discharge Information Found!

End of Data for Facility #: 9602011

Box 99
8-99

960 2011

5/8627725: Lubrication Specialist Inc
1385 S Patrick Dr, Satellite Beach

Fuel user/Non-retail

Tank ID	Size	Above/ Under	Contents	Install Date	Charge Type (For Year)	Fee	Penalty	Due
<i>out of service 500 gal tank in store</i>								
Payments:			\$0.00	Charges:			\$25.00	
Adjustments:			\$0.00	Balance Due:			\$25.00	

5/8627953: Lubrication Specialist Inc
4303 S Hopkins Ave, Titusville

Fuel user/Non-retail

Tank ID	Size	Above/ Under	Contents	Install Date	Charge Type (For Year)	Fee	Penalty	Due
1	2,000	U	Waste Oil		Renewal (1999-2000)	\$25		\$25
<i>out of service 500 gal tank in store</i>								
Payments:			\$0.00	Charges:			\$25.00	
Adjustments:			\$0.00	Balance Due:			\$25.00	

5/8840739: Lubrication Specialist Inc
625 E Merritt Ave, Merritt Island

Fuel user/Non-retail

Tank ID	Size	Above/ Under	Contents	Install Date	Charge Type (For Year)	Fee	Penalty	Due
8	1,000	U	Waste Oil	11/95	Renewal (1999-2000)	\$25		\$25
<i>1000 gal ABOVE installed 1998 ground REMOVED</i>								
Payments:			\$0.00	Charges:			\$25.00	
Adjustments:			\$0.00	Balance Due:			\$25.00	

5/9400521: Lubrication Specialist Inc
601b S Babcock, Melbourne

Retail Station

Tank ID	Size	Above/ Under	Contents	Install Date	Charge Type (For Year)	Fee	Penalty	Due
1	1,000	A	Waste Oil		Renewal (1999-2000)	\$25		\$25
<i>SAME</i>								
Payments:			\$0.00	Charges:			\$25.00	
Adjustments:			\$0.00	Balance Due:			\$25.00	

5/9602011: Lubrication Specialist Inc
6369 Minton Rd Nw, Palm Bay

Retail Station

Tank ID	Size	Above/ Under	Contents	Install Date	Charge Type (For Year)	Fee	Penalty	Due
1	950	A	Waste Oil	04/95	Renewal (1999-2000)	\$25		\$25
<i>SAME</i>								

25.00

25.00

25.00

Cut Along This Line

State Government Agencies -

Use Journal Transfer Number: 37 20 2 212001 37450000 00 000200 00

Charges for Fiscal Year 1999-2000 were created on May 18, 1999.
Subsequent payments and/or charges are not reflected on this statement.

Remit to: DEP - Storage Tank Registration - 2600 Blair Stone Rd - Tallahassee FL 32399-24

Account #/Owner: 13243
Invoice Number: 93300

LUBRICATION SPECIALIST INC
Invoice Date: May 18, 1999.

Invoiced Facilities/Tanks: 006/6 Total Registration Fees Due: \$150.00

5/8627723: Lubrication Specialist Inc
337 King St, Cocoa

Fuel user/Non-retail

Tank ID	Size	Above/ Under	Contents	Install Date	Charge Type (For Year)	Fee	Penalty	Due
1	1,000	U	Waste Oil	11/85	Renewal (1999-2000)	\$25		\$25
<i>8-99 BAC</i> out of Service - 500 gal installed in store								0
Payments:				\$0.00	Charges:			\$25.00
Adjustments:				\$0.00	Balance Due:			\$25.00

5/8627725: Lubrication Specialist Inc
1385 S Patrick Dr, Satellite Beach

Fuel user/Non-retail

Tank ID	Size	Above/ Under	Contents	Install Date	Charge Type (For Year)	Fee	Penalty	Due
1	1,000	U	Waste Oil	08/86	Renewal (1999-2000)	\$25		\$25



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

Storage Tank Facility Registration Form

DEP Form # 17-761.900(2)
Form Title <u>Storage Tank Registration Form</u>
Effective Date _____
DEP Application No. _____ (Filled in by DEP)

Submit a completed form for the facility when registration of on-site storage tanks or compression vessels is required by Chapter 376.303, Florida Statutes and/or when the site operates as a petroleum retail/distribution facility and must comply with EPCRA, Section 312 Chemical Inventory reporting requirements.

Please review Registration Instructions before completing the form.

Please check all that apply	<input type="checkbox"/> New Registration	<input type="checkbox"/> New Owner	<input type="checkbox"/> New Tanks
	<input type="checkbox"/> Facility Info Update/Correction	<input type="checkbox"/> Owner Info Update/Correction	<input checked="" type="checkbox"/> Tank Info Update/Correction

A. FACILITY INFORMATION
County: Brevard DEP Facility ID: 9602011

Facility Name: Subscription Specialists EPCRA (Y/N): _____
Location Address: 6369 Minton Rd NW City: Palm Bay Zip: _____
Facility Type(s): C SIC Code: _____ Financial Responsibility: _____
On-Site Manager/Contact: _____ Business Phone: (____) _____

24 Hour Emergency Contact: _____ Emergency Phone: (____) _____

B. RESPONSIBLE PERSON INFORMATION - Identify individual(s) or business(es) responsible for storage tank management, fueling operations, and/or cleanup activities at the facility location named above. Provide additional information in an attachment if necessary.

Name:	Facility - Responsible Person Relation Type:	Effective Date
Mail address:	<input checked="" type="checkbox"/> Facility Account Owner (pays fees)	
City, ST, Zip:	This information must be provided when the facility contains active (in-use) storage tanks on site.	
Contact:		
Telephone:	STCM Account Number (if known)	
Identify other appropriate facility relationships for this party: <input type="checkbox"/> Facility Owner/Operator <input type="checkbox"/> Property Owner <input type="checkbox"/> Storage Tank Owner		

Name:	Other owner, relationship type(s)	Effective Date
Mail address:	<input type="checkbox"/> Facility Owner/Operator	
City, ST, Zip:	<input type="checkbox"/> Property Owner	
Contact:	<input type="checkbox"/> Storage Tank Owner	
Telephone:	<input type="checkbox"/> Other:	

C. TANK/VESSEL INFORMATION - Complete one row for each storage tank or compression vessel system located at this facility.

Tank ID	T/V	A/U	Capacity	Installed	Content	Status/Effective Date	Construction	Piping	Monitoring	Hazards
<u>1</u>	<u>T</u>	<u>A</u>	<u>950</u>	<u>4/95</u>	<u>L</u>	<u># 7/12/98</u>				

Certified Contractor (performing tank installation or removal): _____ DBPR License No.: _____

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

Doug Battwin Signature: [Signature] Date: 6/1/99

DEP 62-761.900(2)
Northwest District: 160 Governmental Center, Pensacola, Florida 32501, 904-444-8300
Northeast District: 7825 Baymeadows Way, Suite B200, Jacksonville, Florida 32256, 904-444-4300
Central District: 3318 Maguire Blvd., Suite 232, Orlando, Florida 32803, 407-894-7555
Southwest District: 3804 Coconut Palm Dr., Tampa, Florida 33619, 813-744-8100
Southeast District: 400 N. Congress Ave., West Palm Beach, Florida 33416, 561-481-4600
South District: 2295 Victoria Ave., Suite 364, Fort Myers, Florida 33901, 813-332-6975

Tanks located inside Bldg no access in email

Facility ID: 9602011 Facility Status: OPEN County: 05 BREVARD District: CD Name: LUBRICATION SPECIALIST INC Address: 6369 MINTON RD NW Address2: City: PALM BAY FL 32907- Onsite Mgr: DOUG BALDWIN II Phone: 407-768-2990	Create Date:13-SEP-1996 Name Update: Addr Update: Account Status: INVOICE 29-MAY-1999 ASTC: 1 USTC: 0
Facility Type:A - Retail Station Financial Resp: Insurance Comp: Cleanup Status: -	DEP Contract Owned?:N Coverage Period: - Effective:
Owner Name: LUBRICATION SPECIALIST INC Address: PO BOX 542804 City/St/Zip: MERRITT ISLAND, FL 32954-2804 Last Updated: 01-MAR-1997 Phone: 407-784-9737 Contact: DOUG BALDWIN	Primary Role:ACCT OWN Owner ID#:13243 Begin Date:13-SEP-1996 Bad Address?:N

Facility status.
 Count: *1

<List><Replace>



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

Storage Tank Facility Compliance Inspection Report

Facility ID County Inspection Date

Facility Name Facility Type

Latitude Longitude # USTs # ASTs

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

Compliance Inspection (Annual)	TCI	<input checked="" type="checkbox"/>	Discharge Inspection/Evaluation	TDI	<input type="checkbox"/>
Compliance Inspection (DRF received)	TCDI	<input type="checkbox"/>	Installation Inspection	TIN	<input type="checkbox"/>
Compliance Inspection (Complaint received)	TCPI	<input type="checkbox"/>	Closure Inspection	TXI	<input type="checkbox"/>
Compliance Re-Inspection	TCR	<input type="checkbox"/>			<input type="checkbox"/>


Rule Cite **Description / Inspector's Comments**

Rule Cite	Description / Inspector's Comments
	Tanks are inside building - no access to exterior.
	Remove from d/Pase

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

Insurance Carrier: _____ Effective Date: _____ Expiration Date: _____
 Other Coverage meeting federal financial responsibility requirements. Mechanism: _____
 None

Based upon the inspection results and information provided by the owner/operator, this facility appears to meet the requirements of Florida Administrative Code 62-761.
 Yes No CWOE - Compliance without Enforcement
 A re-inspection will be scheduled on or after _____ days to verify correction of the non-compliance items noted.

Storage Tank Program Office Brevard County Natural Resources	Storage Tank Program Office Phone Number 407-633-2017
Inspector Name - Please Print: R. E. Purcell	Facility Representative Name - Please Print: _____
Inspector Signature & Date:  6/1/99	Facility Representative Signature & Date: _____

Florida Department of Environmental Protection
Twin Towers Office Building-2600 Blair Stone Road-Tallahassee, FL 32399-2400

**DIVISION OF WASTE MANAGEMENT -BUREAU OF PETROLEUM STORAGE SYSTEMS
STORAGE TANK REGULATION COMPLIANCE INSPECTION COVER PAGE**

Inspection Date:
Facility ID Number: 059602011 **Facility County:** 05/Brevard
Priority Site (CIRCLE ONE): Y N **Latitude:** 280010
Longitude: 804021

Facility Name: LUBRICATION SPECIALIST, INC. **Phone:** 407/784-9737
Address: 6369 MINTON RD.-NW, PALM BAY
Owner: LUBRICATION SPECIALIST, INC. **Last Compliance Inspection:** 06/04/97
Owner Address: P.O. BOX 542804 MERITT ISLAND FL
Contamination Data: N **Contact:** DOUG BALDWIN
Check type of inspection performed and attach appropriate form(s).

<u>Activity Code</u>	<u>Description</u>	<u>Activity Code</u>	<u>Description</u>
<input checked="" type="checkbox"/> ATCI	AST Compliance Inspection	<input checked="" type="checkbox"/> UTCI	UST Compliance Inspection
<input type="checkbox"/> ATDI	AST Discharge Comp. Insp.(DRF Received)	<input type="checkbox"/> UTDI	UST Discharge Comp.Insp.(DRF recd.)
<input type="checkbox"/> ATPI	AST Complaint Compliance Inspection	<input type="checkbox"/> UTPI	UST Complaint Compliance Insp.
<input type="checkbox"/> ATCR	AST Reinspection	<input type="checkbox"/> UTCR	UST Re-inspection
<input type="checkbox"/> ATII	AST Installation Inspection	<input type="checkbox"/> UTII	UST Installation Inspection
<input type="checkbox"/> ATIR	AST Installation Re-visit*	<input type="checkbox"/> UTIR	UST Installation Re-visit*
<input type="checkbox"/> ATXI	AST Closure Inspection	<input type="checkbox"/> UTXI	UST Closure Inspection
<input type="checkbox"/> ATXR	AST Closure Re-visit*	<input type="checkbox"/> UTXR	UST Closure Re-visit*

*Inspection Re-visits do not result in the completion of new inspection form; re-visits are conducted to monitor installation/closure progress only.

Completion Notes: please print clearly:

Tank Information:

01 950 L 04/95 A C B I U

~~80~~ 1020 1020'
250/250/500

TANK inside building no access from exterior

A re-inspection of this facility will be scheduled in approximately ___ days to verify correction of the violations noted herein.

The re-inspection resulted in CWOE-Compliance Without Enforcement (circle) YES NO N/A

Storage Tank Program Office: Brevard County Office of Natural Resources 407-633-2017

R.E. Purcell

Inspector Name Please Print

Facility Representative Name Please Print

Signature

Date

Signature

Date

DEP Form 761-01-97

4/18/98

4-18-98



**ABOVEGROUND STORAGE TANK
COMPLIANCE INSPECTION FORM**

Name Duke Spurr
 Facility ID # 9602011
 Date 4-13-98

Yes	No	Unk	N/A
-----	----	-----	-----

I. REGISTRATION/NOTIFICATION: Comments: _____

1. Facility has registered all applicable tanks on site; 17-762.400	1.	<input checked="" type="checkbox"/>			
2. Current registration placard is properly displayed; 17-762.410(4)	2.	<input checked="" type="checkbox"/>			
Proper notification has been made for the following; 17-762.450:					
3. Abandonment and closure (30 days prior); (1) (a)	3.				<input checked="" type="checkbox"/>
4. Change of ownership (30 days after); (1) (b)	4.				<input checked="" type="checkbox"/>
5. Retrofitting, replacement or upgrading; (10 days prior); (1) (c)	5.				<input checked="" type="checkbox"/>
6. Change of tank status (in service/out-of-service); (1) (d)	6.				<input checked="" type="checkbox"/>
7. Change of facility status (e.g. substances stored); (1) (e)	7.				<input checked="" type="checkbox"/>
8. Change of method of financial responsibility (within 30 days); (2)	8.				<input checked="" type="checkbox"/>
9. The facility owner/operator notified D.E.R. of internal tank inspection 24 hrs prior to the test; (3)	9.				<input checked="" type="checkbox"/>
10. Loss of greater than 100 gallons on an impervious surface or 500 gallons inside secondary containment within one working day; .450(4)	10.				<input checked="" type="checkbox"/>

II. RECORD KEEPING: Comments: _____

11. All records were maintained for two (2) years and were available for inspection within five (5) working days; 17-762.710	11.	<input checked="" type="checkbox"/>			
12. Some but not all records were maintained for two (2) years and were available for inspection within five (5) working days; 17-762.710	12.				<input checked="" type="checkbox"/>

III. REPORTING/DISCHARGE RESPONSE/REPAIRS: Comments: _____

Proper reporting requirements met for the following: 17-762.460					
13. Integral piping tightness test failure within 10 days; (1)	13.				<input checked="" type="checkbox"/>
14. Pollutant discharge exceeding 25 gallons on a pervious surface; (2)	14.				<input checked="" type="checkbox"/>
15. Positive response of a release detection device within one working day; (3)	15.				<input checked="" type="checkbox"/>
The owner or the operator of the system which has discharged has:					
16. Taken it out-of-service; 17-762.700 (1), had it repaired or replaced; .700, or properly closed it; .800	16.				<input checked="" type="checkbox"/>
17. Removed any regulated substances from the system; 17-762.820 (1)	17.				<input checked="" type="checkbox"/>
18. Tightness tested all repaired components before placing them back in service; 17-762.700 (5) & (6)	18.				<input checked="" type="checkbox"/>
19. Begun initial corrective actions for a release; 17-762.820 (2)	19.				<input checked="" type="checkbox"/>

IV. INVENTORY REQUIREMENTS FOR TANKS IN CONTACT WITH SOIL: Comments: _____

20. All inventory requirements maintained in accordance with 17-762.720 (1)	20.				<input checked="" type="checkbox"/>
21. Some, but not all inventory requirements maintained in accordance with 17-762.720 (1)	21.				<input checked="" type="checkbox"/>



Name: ube spec
 Facility ID # 9602011
 Date: 4-13-98

**ABOVEGROUND STORAGE TANK
 COMPLIANCE INSPECTION FORM**

		Yes	No	Unk	N/A
V.	PERFORMANCE STANDARDS/REPAIRS/CATHODIC PROTECTION: Comments: <u>(TANK inside)</u>				
	Storage tank criteria 17-762.500				
	22. Meets construction upgrading schedule; .510 and .520				X
	23. Meets applicable storage tank standards; (1), (2) & (3)	X			
	24. Tank has secondary containment system; .500 (6)				X
	25. Tank equipped with overfill protection; (3) (f) 1-4, (g)				X
	Piping criteria				
	26. Meets new piping standards with secondary containment; .500 (4) & .600 (4)				X
	27. Meets construction upgrading schedule; 17-762.510 (3), & 520 (2)				X
	Repairs to storage tank systems; 17-762.700				
	28. Failed storage tank system component properly repaired; (1)-(4)				X
	29. Tightness testing of the repaired component prior to being brought back into service; (5)				X
	Cathodic Protection; 17-762.730				
	30. Cathodic protection system for tank and piping provides continuous protection; (1)-(4)				X
	Secondary containment; 17-762.500				
	31. Does containment area have sufficient volume; 500 (6) (a) (2)				X
	32. Is the containment area made out of impervious material in accordance with Chapter 17-762, F.A.C., requirements; (6) (a) (1)				X
	33. Is the containment area equipped with drainage system or protected from accumulation of rain; (6) (a) (3)				X
	34. Hydrant pits equipped with spill prevention equipment; (5)				X

VI.	RELEASE DETECTION/MONITOR WELLS: Comments:				
	35. Facility has an approved release-detection system; 17-762.600 & 17-762.860	X			
	36. Monitoring wells properly designed, constructed and installed; 17-762.640 or 17-762.600 (6)				X
	37. Interstitial monitoring adequate to detect a release from integral piping; 17-762.600 (4) & (5)				X

VII.	OUT-OF-SERVICE STATUS Comments:				
	38. Are the corrosion protection devices properly maintained; 17-762.800 (1) (a)				X
	39. Is the vent line and other ancillary equipment properly secured and maintained; (1) (b)				X
	40. Tests performed to insure the integrity of out-of-service system prior to being returned to service; (1) (c)				X

VIII.	VARIANCE Comments:				
	41. Has the facility applied for an Alternate Procedure; 17-762.850 (1)				X

IX.	OTHER Comments:				
	42. Any other violations noted during inspection (Explain in comments)				X

BREVARD County
BOARD OF COUNTY COMMISSIONERS

FLORIDA'S SPACE COAST

OFFICE OF NATURAL RESOURCES MANAGEMENT
2725 Judge Fran Jamieson Way., Viera, FL 32940

Telephone: (407) 633-2017
Sun Com: 633-2017
FAX: (407) 633-2029



March 27, 1998

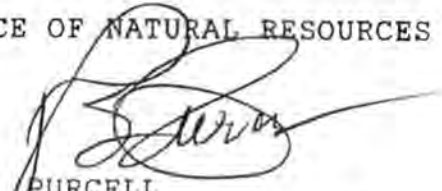
DOUG BALDWIN
ENVIRONMENTAL COORDINATOR
LUBRICATION SPECIALIST, INC.
P.O. BOX 542804
MERITT ISLAND, FL 32954-2804

Dear MR. BALDWIN:

The Brevard County Office of Natural Resources Management is currently contracting with the Florida Department of Environmental Protection to inspect all regulated petroleum and hazardous materials storage facilities and systems within Brevard County for compliance with Chapters 62-761 and 62-762, Florida Administrative Code, the stationary tank rules. In addition to the compliance inspections, the Office of Natural Resources Management will also be inspecting the installation of all new petroleum and hazardous material systems as well as the removal of old systems. We will be inspecting your facility, LUBRICATION SPECIALIST, INC., located at 6369 MINTON RD.-NW, PALM BAY, during the week of 4/13/98 to determine its compliance with the laws governing stationary tanks.

In order that we may conduct the inspection in a timely manner, please have the attached items available at your facility. Our representative will have appropriate identification at the time of inspection. Please call to set up a specific time for the inspection and advise your employees of our intended visit to prevent any potential confusion or problems. If you have any questions concerning this inspection please contact the undersigned at (407) 633-2017.
Sincerely,

OFFICE OF NATURAL RESOURCES MANAGEMENT


R. E. PURCELL
Environmental Specialist
Attachment

DEP FORM 761-01-91
April 7, 1997

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
POLLUTANT STORAGE TANK SYSTEM
INSPECTION REPORT-COVER PAGE

COUNTY: BREVARD

FACILITY ID #: 059602011
FACILITY NAME: LUBRICATION SPECIALIST, INC.
PHONE: 407/784-9737
FACILITY LOCATION: 6369 MINTON RD.-NW PALM BAY
FACILITY CONTACT: DOUG BALDWIN
OWNER: LUBRICATION SPECIALIST, INC.
OWNER ADDRESS: P.O. BOX 542804 MERITT ISLAND, FL 32954-2804
OWNER CONTACT: LUBRICATION SPECIALIST, INC.
LATITUDE: 28 00 10 LONGITUDE: 80 40 21
LAST COMPLIANCE INSPECTION DATE: / /
CONTAMINATION DATA:
TANK INFORMATION:
1 950 L 04/95 A *X* *X* I U ✓

These tanks are properly registered and are inside building with no access to environment. They are not regulated under 62.761 FAC.

Not-Regulated

*#1 is yes
[2-4/21/97]*

INSPECTION TYPE:

- ROUTINE *(A)*
- INSTALL (FULL)
- INSTALL (PIPING)
- ABANDONED

- DISCHARGE
- CLOSURE
- REINSPECTION

SITE INFORMATION

- NEAR WELL
- CONTAMINATED
- COMPLAINT
- ACID TANKS
- REPAIRED
- UPGRADED
- UST & AST
- HAZ MAT

DEP LOCAL PROGRAM: ~~BREVARD/05~~

INSPECTOR NAME: *Dee Swartzell*

CONTACT NAME

INSPECTOR'S SIGNATURE *[Signature]*

DATE

CONTACT SIGNATURE *[Signature]*

DATE

6/4/97

6/4/97



April 3, 1997

DOUG BALDWIN
OWNER/OPERATOR
LUBRICATION SPECIALIST, INC.
P.O. BOX 542804
MERRITT ISLAND, FL 32954-2804

Dear MR. BALDWIN:

The Brevard County Natural Resources Management Division is currently contracting with the Florida Department of Environmental Protection to inspect all petroleum storage facilities within Brevard County for compliance with Chapter 62-761 and/or Chapter 62-762, Florida Administrative Code, the stationary tank rule. In addition to the compliance inspections, the Natural Resources Management Division will also be inspecting the installation of all new petroleum systems. We will be inspecting your facilities:

LUBRICATION SPECIALIST, INC.
SATELLITE BEACH
LUBRICATION SPECIALIST, INC.
LUBRICATION SPECIALIST, INC.

1385 S. PATRICK DRIVE,
601 BABCOCK ST., MELBOURNE
6369 MINTON RD NW., PALM BAY

during the week of APRIL 21, 1997 to determine their compliance with the laws governing stationary tanks.

In order that we may conduct the inspection in a timely manner, please have the attached items available at your facility. Our representative will have appropriate identification at the time of inspection. Please advise your employees of our intended visit to prevent any potential confusion or problems. If you have any questions concerning this inspection or would like to set up a specific time for the inspection, please contact the undersigned at (407) 633-2017.

Sincerely,

NATURAL RESOURCES MANAGEMENT DIVISION



R. E. Purcell
Associate Environmental Specialist

Facility ID: 9602011 Facility Status: OPEN County: 05 BREVARD District: CD Name: LUBRICATION SPECIALIST INC Address: 6369 MINTON RD NW Address2: City: PALM BAY FL 32907-						Create Date: 13-SEP-96 Name Update: Addr Update: Fee Tanks: 1 Next Account Action:		
Tk ID	A	Gallons	Substance	Installed	Status	Date	PD	Replcs
1	A	950	L Waste Oil	01-APR-95	U In Serv	01-APR-95		

Count: *1

<Replace>

Tanks Rel party Account her_info Detail Compliance t
 Facility Detail

Facility ID: 9602011 Facility Status: OPEN County: 05 BREVARD District: CD Name: LUBRICATION SPECIALIST INC Address: 6369 MINTON RD NW Address2: City: PALM BAY FL 32907- Onsite Mgr: DOUG BALDWIN II Phone: 407-768-2990	Create Date: 13-SEP-96 Name Update: Addr Update: Fee Tanks; 1 Account Status: ASTC: 1 USTC: 0
Facility Type:A - Retail Station Financial Resp:B ST Prog-3rd DEP Contractor Owned?:N Insurance Comp: Policy Coverage Begin: Cleanup Status: -	SIC: End: Effective:
Owner Name: LUBRICATION SPECIALIST INC Address: PO BOX 542804 City/St/Zip: MERRITT ISLAND, FL 32954-2804 Last Updated: 01-MAR-97 Phone: 407-784-9737 Contact: DOUG BALDWIN	Role: ACCT OWN Owner ID #: 13243 Begin Date: 13-SEP-96

Facility status.
 Count: *1

<List><Replace>

Site No. 20

Palm Bay City Hall

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD	Type: Local Government
County: Brevard	Status: Closed
Facility ID#: 8943858	Latitude: 27:59:51.9742
Name: Palm Bay City-Pw 100 Malabar Rd Se Palm Bay, FL 32907-3009	Longitude: 80:40:14.1122
Contact: Palm Bay City	LL Method: DPHO
Phone: 407-727-7100	LL Status: REVIEWED
	Status Date: 07//21/2009

Account Owner Information

Name: Palm Bay City 1050 Malabar Rd Attn: Brian Jaquays Palm Bay, FL 32907	Effective Date: 05/20/1994
Phone: 407-952-3400	Placard#/Date: -

Tank Owner Information

Name: Palm Bay City 1050 Malabar Rd Attn: Brian Jaquays Palm Bay, FL 32907	Effective Date: 05/20/1994
Phone: 407-952-3400	

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
1	275	New/Lube Oil		ABOVE	B			
2	275	New/Lube Oil		ABOVE	B			
3	550	New/Lube Oil		ABOVE	B			

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

No Insurance Documents found!

No OPEN violations found!

No Discharge Information Found!

End of Data for Facility #: 8943858

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD	Type: Local Government
County: Brevard	Status: Open
Facility ID#: 9811537	Latitude: 27:59:50.6915
Name: Palm Bay City Hall 120 Malabar Rd Se Palm Bay, FL 32907	Longitude: 80:40:11.2337
Contact: Chuck Belcher	LL Method: DPHO
Phone: 321-288-0134	LL Status: REVIEWED
	Status Date: 07//21/2009

Account Owner Information

Name: City Of Palm Bay 1050 Malabar Rd Sw Palm Bay, FL 32907	Effective Date: 03/09/2016
Phone: 321-243-1110	Placard#/Date: 576634 - 06/03/2020

Tank Owner Information

Name: City Of Palm Bay 1150 Degroodt Road Palm Bay, FL 32908	Effective Date: 07/15/2009
Phone: 321-409-7106	

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
8151	1000	Emerg Generator Diesel	09/01/2007	ABOVE	U	C M I P	X	Q F R

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

Most Recent Insurance Document

FR Type	Effective Date	Expiration Date	Company Name
Insurance	04/21/2019	04/21/2020	Commerce & Industry
Insurance	04/21/2018	04/21/2019	Commerce & Industry
Insurance	04/21/2016	04/21/2017	Commerce & Industry
Insurance	04/21/2015	04/21/2016	Commerce & Industry

Insurance	04/21/2014	04/21/2015	Commerce & Industry
Insurance	04/21/2013	04/21/2014	Commerce & Industry
Insurance	04/21/2011	04/21/2012	Commerce & Industry
Insurance	10/11/2009	10/11/2010	Commerce & Industry
Insurance	10/11/2008	07/11/2009	Commerce & Industry

No OPEN violations found!

No Discharge Information Found!

End of Data for Facility #: 9811537

**Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Facility Inspection Cover Page
Facility Information**

District: CD
County: Brevard
Facility ID#: 9046145
Name: Palm Bay City-Police Dept
 130 Malabar Rd Se
 Palm Bay, FL 32907-3009
Contact: Chuck Belcher
Phone: 321-288-0134

Type: Local Government
Status: Open
Latitude: 27:59:52.4784
Longitude: 80:40:09.4243
LL Method: DPHO
LL Status: REVIEWED
Status Date: 01//16/2004

Account Owner Information

Name: City Of Palm Bay
 1050 Malabar Rd Sw
 Palm Bay, FL 32907
Phone: 321-243-1110

Effective Date: 03/09/2016
Placard#/Date: 576633 - 06/03/2020

Tank Owner Information

Name: Palm Bay City
 1050 Malabar Rd
 Attn: Brian Jaquays
 Palm Bay, FL 32907
Phone: 407-952-3400

Effective Date: 05/20/1994

Tank #	Size	Content	Installed	Placement	Status	Const	Pipe	Monitor
2	2000	Emerg Generator Diesel	03/01/2010	ABOVE	U	I		
1	2000	Emerg Generator Diesel	03/01/1990	UNDER	B			

*****Note: Construction, Piping, and Monitoring Info not shown for CLOSED tanks (Status of A or B).**

Most Recent Insurance Document

FR Type	Effective Date	Expiration Date	Company Name
Insurance	04/21/2019	04/21/2020	Commerce & Industry
Insurance	04/21/2018	04/21/2019	Commerce & Industry
Insurance	04/21/2017	04/21/2018	Commerce & Industry
Insurance	04/21/2016	04/21/2017	Commerce & Industry

Insurance	04/21/2015	04/21/2016	Commerce & Industry
Insurance	04/21/2014	04/21/2015	Commerce & Industry
Insurance	04/21/2013	04/21/2014	Commerce & Industry
Insurance	10/11/2008	10/11/2009	Commerce & Industry

No OPEN violations found!

No Discharge Information Found!

End of Data for Facility #: 9046145



DATA ENTERED

APR 18 1989

LAURIE GINGER

Postcard Notification Form Underground Storage Tanks Less Than or Equal to 550 Gallons

- 1. Facility previously registered with DER? Yes No
- 2. DER Facility Number, if known ~~058943858~~ 058943858
- 3. Business/Site Name: City of Palm Bay
Physical Location: Street 100 Malabar Rd., SE
City Palm Bay FL Zip 32907 County Brevard
- 4. Tank Owner: Name City of Palm Bay
Mailing Address 2145 Palm Bay Rd., N.E.
City Palm Bay, State FL Zip 32905-2994 Telephone (305) 727-7100 x235
- 5. Tanks: Number of Tanks Owned: _____

Complete the following chart using the codes listed below for all tanks with capacity of 550 gallons or less, (use additional pages if needed.)

Tank	Size (in gallons)	Contents	Status	Placement
1	275	0	B	
2	275	0	B	
3	550	0	B	
4				
5				
6				

If assistance is needed in completing this form, please call:

904/488-0300
or 1-800-422-LEAK
5325

Signature of Tank Owner or Authorized Representative

William E. Hinson

Date: April 17, 1989

Codes and Instructions for Use in Question 5:

CONTENTS:

- A = leaded gasoline
- B = unleaded gasoline
- C = unleaded gasohol
- D = vehicular diesel
- F = aviation gas
- G = jet fuel
- K = kerosene
- L = used (waste) oil
- M = diesel (boilers & generators)
- N = leaded gasohol
- O = new oil
- V = hazardous substance (write in name)

STATUS:

- U = currently in use
 - I = Temporarily out of use with intent for future use
- If permanently out of use indicate whether:
- A = abandoned and filled with an inert material
 - E = abandoned and left empty.
 - F = abandoned with product remaining
 - B = removed from location

PLACEMENT:

- Underground:
 - UW = underground (10% or more buried)
- Aboveground:
 - (more than 90% is not buried)
 - AC = incontact with ground (pervious base)
 - AV = elevated above ground



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES



BUSINESS REPLY MAIL
FIRST CLASS PERMIT NO. 92 TALLAHASSEE, FLORIDA

POSTAGE WILL BE PAID BY ADDRESSEE

Department of Environmental Regulation

Bureau of Waste Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-9978

Postcard Notification Form Facts

1. Why File This Form?

Notification to DER by use of this form is required to be eligible for the Early Detection Incentive (EDI) program. The EDI program provides for a waiver of cost liability to the tank owner and operator for site clean-up, provided any known or suspected leak is reported to DER from 7/1/86 to 10/1/87. If a leak is known or suspected an EDI form must be completed in addition to this form, and returned to DER. For more information or for EDI forms call 1-800-422-LEAK.

2. Who Should File This Form?

All owners or operators of nonresidential underground tanks storing 550 gallons or less of petroleum products.

3. How to File

Just fill out and fold the pre-stamped, pre-addressed postcard.

If emergency or hazardous conditions exist at your site, immediately contact DER.

4. Questions concerning the tanks program can be directed to the DER Hot Line at: 1-800-422-LEAK.

11/15/87



Florida Department of Environmental Protection

Contracted Local Program
2725 Judge Fran Jamieson Way
Building A, Room 219
Viera, Florida 32940

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

Thursday, May 10, 2018

Sent via e-mail to: Tom.Michaud@palmbayflorida.org

Mr. Tom Michaud
Deputy City Manager
City of Palm Bay
1150 Degroodt Road
Palm Bay, Florida 32908

Subject: Chapter(s) 62-761/762, F.A.C., Non-Compliance Letter
Brevard/Indian River Counties – Regulated Storage Tanks
Palm Bay City Hall and Fire Station #1
Palm Bay, Florida 32908
DEP Facility ID#: 9811537 & 9814460, respectively

Dear Mr. Michaud:

The Brevard County Natural Resources Management Office is contracted with the Florida Department of Environmental Protection (Department) to conduct the Storage Tank System Compliance Verification Program for facilities located in Brevard and Indian River Counties. On April 26, 2018 compliance verification inspections were conducted at the above referenced facilities. A copy of the inspection reports are enclosed for your review.

During the inspections and file review, potential non-compliance items were noted. The purpose of this letter is to offer compliance assistance as a means of resolving this matter.

Specifically, potential non-compliance with the requirements of Chapter 376 and 403, Florida Statutes, and Chapter 62-761 or 62-762, Florida Administrative Code (Fla. Admin. Code) was observed. Please see the attached inspection report for a full account of County observations and recommendations.

We request you review the item(s) of concern and respond in writing within 15 days of receipt of this Compliance Assistance Offer. Your written response should include one of the following:

1. Describe what has been done to resolve the non-compliance issue(s) or provide a schedule describing how/when the remaining issues will be addressed.
2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid.
3. Or, arrange for the inspector to visit your facility to discuss the item(s) of concern.

Brevard/Indian River Counties – Regulated Storage Tanks
City of Palm Bay, City Hall & Fire Station #1
DEP Facility IDs#: 9811537 & 9814460, respectively

It is the Department's desire that you are able to adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings.

If you have any questions please contact me by phone at 321-633-2017, extension 12 or by email at Katie.West@brevardfl.gov.

Sincerely,



Katie West
Environmental Specialist
Brevard County Natural Resources Management Department

Enclosure: April 26, 2018 Routine Storage Tank Compliance Inspection Reports



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

Facility Information:

Facility ID:	9811537	County:	BREVARD	Inspection Date:	04/26/2018
Facility Type:	H - Local Government				
Facility Name:	PALM BAY CITY HALL			# of Inspected ASTs:	1
	120 MALABAR RD SE			USTs:	0
	PALM BAY, FL 32907			Mineral Acid Tanks:	0
Latitude:	27° 59' 50.6915"				
Longitude:	80° 40' 11.2337"				
LL Method:	DPHO				

Inspection Result:

Result: Major Out of Compliance

Signatures:

TKBVNR - BREVARD COUNTY NATURAL RESOURCES MGMT OFFICE (321) 633-2017

Storage Tank Program Office and Phone Number

Kathryn E West

Steve Maisto

Inspector Name

Representative Name

Inspector Signature

Representative Signature

**Principal Inspector
 BREVARD COUNTY NATURAL RESOURCES
 MGMT OFFICE**

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

Financial Responsibility:

Financial Responsibility:	INSURANCE		
Insurance Carrier:	COMMERCE & INDUSTRY		
Effective Date:	04/21/2018	Expiration Date:	04/21/2019

Facility ID: 9811537

Completed System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Annual Operability Test	04/26/2018	Failed	05/10/2018	04/26/2018	facility personell tested rupture basin alarm and it failed

Reviewed Records

Record Category	Record Type	From Date	To Date	Reviewed Record Comment
Two Years	Monthly Maint. Visual Examinations and Results	04/05/2016	04/10/2018	
Two Years	Certificate of Financial Responsibility	04/21/2018	05/09/2018	
Two Years	Repair, Operation and Maintenance Records	04/05/2016	04/10/2018	

New Violations

Type: Violation

Significance: Minor

Rule: 62-762.601(1)(f), 62-762.601(1)(f)1.

Violation Text: Release detection for shop fabricated storage tank systems not installed, operated, and maintained per manufacturer's instructions and standards.

Explanation: The system indicates that there was a fuel leak detected on January 16, 2018 and again on April 24, 2018. Facility personnel attempted to manually alarm the rupture basin alarm during this inspection; however, it is connected to visible lights on the building, and they were not functional.

Corrective Action: Ensure that there has not been a leak in the system. Ensure that any and all alarms are logged for inspection, and explained for future inspections pursuant to the rule. Ensure that the release detection/rupture basin alarm is working on this tank system and notify this office of the repairs for re-inspeciton to demonstrate that the alarm is functional.

Type: Violation

Facility ID: 9811537

Significance: SNC-B

Rule: 62-762.501(2)(e), 62-762.501(2)(e)1., 62-762.501(2)(e)2., 62-762.501(2)(e)2.a., 62-762.501(2)(e)2.b., 62-762.501(2)(e)2.c., 62-762.501(2)(e)2.d., 62-762.501(2)(e)3.

Violation Text: Failure to provide approved overfill protection for shop fabricated tank systems.

Explanation: At the time of this inspection, it was determined that there is a capacity gauge on the tank showing that the tank is full. I inspected the fill, and found that fuel was filled to the over the top of the tank and into the riser. There is no place on the tank where a high level alarm is notated. The system was not in alarm for high fuel level and should have been, further, the visible light was not functional (if the high level sensor is connected to the light-which is unknown). Further, there was documentation from the fuel deliver supplier dated March 13, 2018, on the fuel tank which indicated that 250-gallons were ordered and 154-gallons was delivered. Pursuant to the rule, the tank may not be filled beyond 95% capacity. It is not evident that any alarms were triggered to alert the delivery driver, further, the personnel ordering fuel ordered more than the tank could hold, which under the circumstances could very easily have caused an overfill at this facility.

Corrective Action: Ensure that the facility has a proper overfill prevention device that is registered with the state, pursuant to the rule, installed on this system, have the device tested to ensure proper calibration and functionality. This test is required annually. Further ensure this office that facility personnel ordering fuel understand the procedure for determining the correct amount of fuel to be ordered, such that the tank can not be filled beyond 95% capacity. Please contact this office upon repairs/installation of overfill prevention devices.

Violation Photos

Added Date 05/10/2018

capacity gauge showing tank is full



Added Date 05/10/2018

fuel level in stand-pipe



Facility ID: 9811537

Added Date 05/10/2018

ticket showing product ordered/delivered



Added Date 05/10/2018

possible high level switch/not marked



Inspection Comments

05/10/2018

This facility consists of a single double-walled sub-base generator tank with electronic interstitial sensor. Facility personnel opted to install a visible flashing light for the interstitial sensor, which resulted in a break in the electrical wiring; however, when tested the light was not functional. It is recommended that there is both an audible and visible alarm for the interstitial. Inspected all portions of the system that could be inspected including tank, hoses, gauge, valves, vents, spill containment and electronic sensor. The tank is overall in good condition, the spill bucket is dry. The current placard was displayed. The Certificate of Financial Responsibility for the City's tanks was provided to this office after the inspection (on May 9, 2018) by Public Works.



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

Facility Information:

Facility ID: 9814460 County: BREVARD Inspection Date: 04/26/2018
 Facility Type: H - Local Government
 Facility Name: PALM BAY FIRE STATION #1 # of Inspected ASTs: 1
 1201 PORT MALABAR BLVD NE USTs: 0
 PALM BAY, FL 32905-3733 Mineral Acid Tanks: 0
 Latitude: 28° 1' 10.1682"
 Longitude: 80° 36' 56.5407"
 LL Method: DPHO

Inspection Result:

Result: Major Out of Compliance

Signatures:

TKBVNR - BREVARD COUNTY NATURAL RESOURCES MGMT OFFICE (321) 633-2017

Storage Tank Program Office and Phone Number

Kathryn E West

Steve Maisto

Inspector Name

Representative Name

Inspector Signature

Representative Signature

Principal Inspector

**BREVARD COUNTY NATURAL RESOURCES
 MGMT OFFICE**

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

Financial Responsibility:

Financial Responsibility: INSURANCE

Insurance Carrier: COMMERCE & INDUSTRY

Effective Date: 04/21/2018

Expiration Date: 04/21/2019

Facility ID: 9814460

Completed System Tests

Type	Date Completed	Results	Reviewed	Next Due Date	Comment
Annual Operability Test	04/26/2018	Passed	05/10/2018	04/26/2019	Facility personnel tested interstitial float sensor

Reviewed Records

Record Category	Record Type	From Date	To Date	Reviewed Record Comment
Two Years	Repair, Operation and Maintenance Records	01/04/2017	05/09/2018	
Two Years	Monthly Maint. Visual Examinations and Results	01/04/2017	04/19/2018	
Two Years	Electronic Release Detection Equip. Monthly Checks	01/04/2017	04/19/2018	
Two Years	Certificate of Financial Responsibility	04/21/2018	05/09/2018	

New Violations

Type: **Violation**

Significance: **SNC-B**

Rule: **62-762.501(2)(e), 62-762.501(2)(e)1., 62-762.501(2)(e)2., 62-762.501(2)(e)2.a., 62-762.501(2)(e)2.b., 62-762.501(2)(e)2.c., 62-762.501(2)(e)2.d., 62-762.501(2)(e)3.**

Violation Text: **Failure to provide approved overfill protection for shop fabricated tank systems.**

Explanation: **The City of Palm Bay needs to have the overfill prevention method tested on this tank. This test was due by January 2018 and is required annually.**

Corrective Action: **Immediately have the overfill prevention devices tested on this tank and submit a copy of the test results to this office.**

Facility ID: 9814460

Inspection Comments

05/10/2018

The tank exterior is in great condition. The interstitial float sensor was tested during this inspection and alarmed. The interstitial sensor is also hooked to a remote annunciator panel. The lamp test was performed on the remote annunciator panel both inside and adjacent to fill and both worked. The placard and insurance documentation were provided onsite and are current. The facility had recorded monthly visual inspections which were being performed the facility.



An employee-owned company

April 15, 2010

Chris Ulrich
Brevard County Natural Resources Management Office
2725 Judge Fran Jamieson Way, Bldg A
Viera, FL 32940

**Re: Tank Closure Assessment Report
Palm Bay Police Station
130 Malabar Road, Palm Bay, FL 32907
FDEP Facility ID# 9046145**

Dear Mr. Ulrich:

On behalf of the City of Palm Bay Police Department, PBS&J would like to submit this Tank Closure Assessment Report (TCAR) for the site referenced above.

BACKGROUND INFORMATION

There is a 2,000-gallon underground storage tank (UST) at this facility which was removed and replaced during the week of March 3, 2010. The tank was used to store diesel fuel for an emergency generator. The UST was located at the northeast corner of the police station, between a sidewalk and the building. The layout of the tank area is depicted in Figure 1.

The tank was closed by removal and replaced with an aboveground storage tank. The tank replacement operation was performed by Gasoline Equipment Systems, Inc. (GES). PBS&J oversaw their work and performed the environmental closure assessment. PBS&J took photographs of the tank removal and closure operation, some which are presented in Attachment A. A copy of a FDEP Limited Closure Summary Report Form is provided in Attachment B.

TANK CLOSURE ASSESSMENT PROCEDURES AND RESULTS

During the environmental closure assessment, PBS&J representatives performed screening of the soil for petroleum vapors. The soil screening was performed in accordance with Chapter 62-770 of the Florida Administrative Code (FAC) guidelines using a PhotoVac Microfid. Soil samples were collected from around the tank fill port, along the sidewalls of the tank pit, and at the base of the excavation. The base of the tank

Mr. Chris Ulrich
April 15, 2010
Page 2

pit was approximately 8 feet below grade. The water table was located at an approximate depth of 12 feet below grade. The approximate soil sampling locations are illustrated on Figure 2. A listing of the soil screening results is presented on Table 1. There were no petroleum vapors detected in the soil samples.

PBS&J collected four soil confirmation samples – one from each sidewall of the tank pit at about the midpoint depth-wise, and one from the tank bottom. The soil samples were submitted to Flowers Chemical Laboratories Inc. (FCL) for analysis for volatile organic aromatics (VOAs) by EPA test method 8021, for polynuclear aromatic hydrocarbons (PAHs) by EPA method 8310, and for residual petroleum organics by the FL-PRO method. There were no detections in any of the confirmation samples.

There were two shallow groundwater monitoring wells present at the tank site prior to initiation of closure activities. The approximate locations of the wells are illustrated in Figure 1. PBS&J representatives collected a groundwater sample from the well located closest to the building prior to removal of the tank. The sample was designated MW-1. A log of the well purging and sampling is presented in Attachment C. The water sample was submitted to FCL for analysis for VOAs by EPA test method 8021, PAHs by EPA method 8310, and for residual petroleum organics by the FL-PRO method. There were no detections in the groundwater samples. A copy of the soil and groundwater analytical report is presented in Attachment D,

The UST was transported off site for disposal by GES. A disposal manifest for the tank is provided in Attachment E.

If you have any questions or need additional information, please feel free to call me at (407) 806-4339.

Sincerely,



P. Greg Weiss, P.G.
Senior Geologist

c: Barney Weiss, Palm Bay Police Department
Corrina Gumm, PBS&J
File: 015052230 0300

PBS&J

TABLES

TABLE 1: SOIL SCREENING RESULTS

Facility Name: City of Palm Bay Police Station

Facility ID#: 9046145

SAMPLE				OVA SCREENING RESULTS			COMMENTS
SAMPLE NO.	DATE COLLECTED	DEPTH TO WATER	SAMPLE INTERVAL (FBS)	TOTAL READING (ppm)	CARBON FILTERED (ppm)	NET READING (ppm)	
S1	3/3/2010	12.6	2	<1	-	<1	
S2	3/3/2010	12.6	0.5	<1	-	<1	
S3	3/3/2010	12.6	5	<1	-	<1	
S4	3/3/2010	12.6	5	<1	-	<1	
S5	3/3/2010	12.6	6	<1	-	<1	
S6	3/3/2010	12.6	6	<1	-	<1	
S7	3/3/2010	12.6	7	<1	-	<1	
S8	3/3/2010	12.6	7	<1	-	<1	
S9	3/3/2010	12.6	8	<1	-	<1	
D1	3/3/2010	12.6	6	<1	-	<1	Confirmation sample.
D2	3/3/2010	12.6	5	<1	-	<1	Confirmation sample.
D3	3/3/2010	12.6	5	<1	-	<1	Confirmation sample.
D4	3/3/2010	12.6	5.5	<1	-	<1	Confirmation sample.
D5	3/3/2010	12.6	8	<1	-	<1	Confirmation sample.

TABLE 2: CONFIRMATION SOIL ANALYTICAL SUMMARY

Facility Name: City of Palm Bay Police Station

Facility ID#: 9046145

Note: All concentrations in ppb unless otherwise noted.

Sample ID	Sample Date	Depth to Water (ft/s)	Sample Interval (ft/s)	Net OVA Reading (ppm)	Laboratory Analyses										
					Benzene	Ethyl-benzene	Toluene	Total Xylenes	Total VOAs	MTBE	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	TRPHs (ppm)	
D1	03/03/10	12.6	6	<1	<3	<3	<3	<5	<14	<3	<66	<66	<66	<66	34.8V
D2	03/03/10	12.6	5	<1	<3	<3	<5	<14	<3	<3	<66	<66	<66	<66	20.5
D3	03/03/10	12.6	5	<1	<3	<3	<5	<14	<3	<3	<66	<66	<66	<66	40.7V
D4	03/03/10	12.6	5.5	<1	<3	<3	<5	<14	<3	<3	<66	<66	<66	<66	16.6V
D5	03/03/10	12.6	8	<1	<3	<3	<5	<14	<3	<3	<66	<66	<66	<66	34.7V
SCTL - Leachability (1)					7	600	500	200	-	200	1,700	2,200	6,100	340	
SCTL - Direct Exposure Commercial (1)					1100	1100100	380000	590000	-	3200000	40000	68000	80000	2700	

Notes: (1) Source: Chapter 62-777, FAC.

Concentrations shown in shading indicate values in excess of their respective SCTL for leachability and/or direct exposure residential scenario.

* Leachability values may be derived using the SPLP Test to calculate site-specific SCTLs or maybe determined using TCLP in the event city wastes are present.

V = Detection near and below detection limit.

TABLE 3: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: City of Palm Bay Police Station
 Facility ID#: 9046145

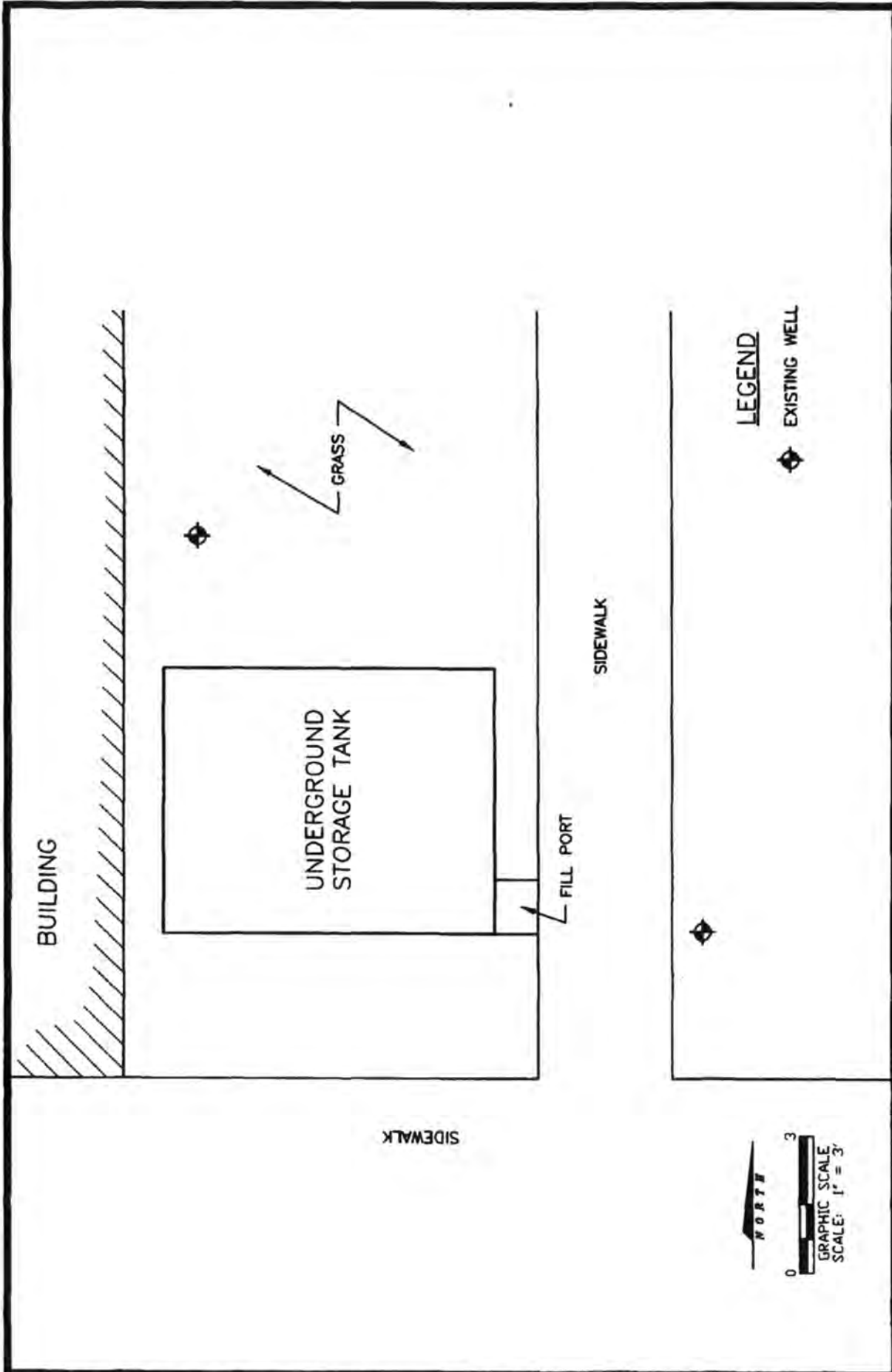
Analytical Results - ppb
 NA = Not Analyzed

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total VOA	MTBE	EDB	TRPHs	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene
GCTL		1	40	30	20	-	20	0.02	5000	14	26	28
NADSC		100	400	300	200	-	200	2	50000	140	280	280
MW-1	3/3/2010	<0.5	<0.5	<1	<1	<3	<1	NA	100	<0.2	<0.2	<0.2

Notes : (1) GCTL = Florida Groundwater Cleanup Target Levels. Concentrations shown with bold-faced type indicates exceedance of their GCTL.
 (2) NADSC = Natural Attenuation Default Source Concentration. Concentrations shown with shading indicates exceedance of their NADSC.



FIGURES



PALM BAY PUBLIC WORKS DEPT.
 POLICE STATION TANK CLOSURE
 130 MALABAR ROAD, PALM BAY

SITE LAYOUT

FIG 1

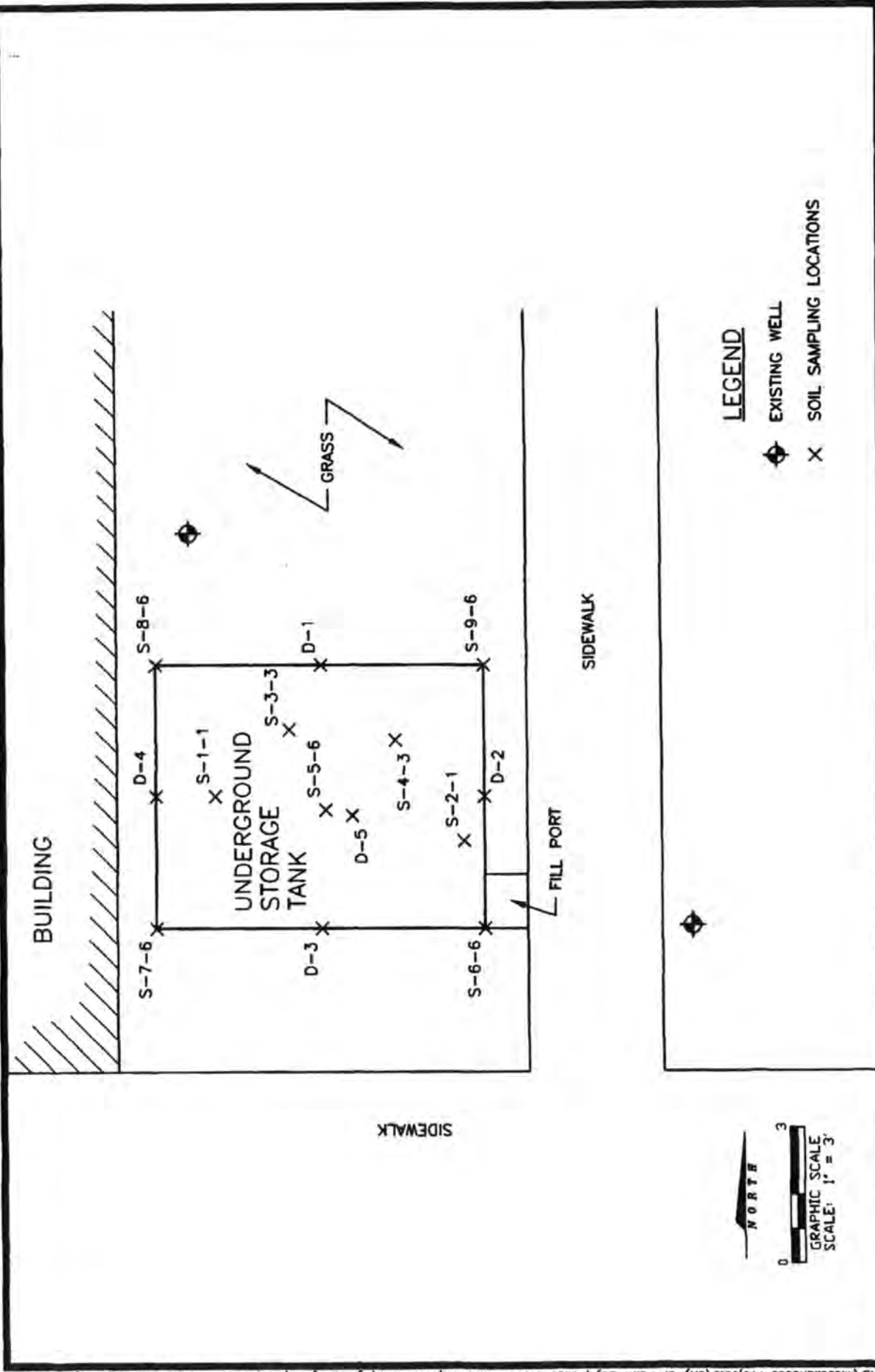


FIG 2

SOIL SAMPLING LOCATIONS

PALM BAY PUBLIC WORKS DEPT.
POLICE STATION TANK CLOSURE
130 MALABAR ROAD, PALM BAY



APPENDIX J

Interview Documentation

Alexis E. Perry

From: Gibbs, Shane <Shane.Gibbs@dep.state.fl.us>
Sent: Tuesday, February 02, 2021 1:00 PM
To: Alexis E. Perry
Cc: Richard P. McCormick
Subject: RE: Brevard County SPILLS Site
Attachments: 61472C.pdf

Alexis,

After researching our database, I've located this incident for this request. OER considers this incident closed. Please feel free to contact me if you have any questions.

Thanks,

Shane Gibbs
Government Operations Consultant
Office of Emergency Response
850-245-2872 Ext. 52872



From: Alexis E. Perry <aeperry@g-e-c.com>
Sent: Tuesday, February 2, 2021 10:14 AM
To: Gibbs, Shane <Shane.Gibbs@dep.state.fl.us>
Cc: Richard P. McCormick <rpmccormick@g-e-c.com>
Subject: Brevard County SPILLS Site

Good morning Shane,

I'm working on a contamination report for an area along Malabar Road in Brevard County. A database report has revealed the following spill along the project corridor:

1. Fred Poppe Campground 1951 Malabar Road NW, Palm Bay, FL – S113425971

Do you have any information regarding this incident?

Thank you for your assistance!

Alexis E. Perry, E.I.
Engineer Intern



919 Lake Baldwin Lane, Orlando, Florida 32814
Office: 407-898-1818 Ext. 8971

e-mail: aeperry@g-e-c.com
www.g-e-c.com

GEC is proud to serve our community as Geotechnical Engineering Consultant on these Central Florida Transportation Legacy Projects: SunRail Phases I and II, Wekiva Parkway, I-4 Ultimate P3 Design Oversight and OIA South Terminal Airside and Landside Infrastructure. GEC is now offering **RoadScan GPR** for collecting continuous pavement layer thickness data at highway speed. **GEC is a certified Small Business Enterprise (SBE) with FDOT.**



Total Control Panel

[Login](#)

To: aeperry@g-e-c.com
From: shane.gibbs@dep.state.fl.us

Message Score: 40
My Spam Blocking Level: Medium

High (60): **Pass**
Medium (75): **Pass**
Low (90): **Pass**

[Block](#) this sender
[Block](#) dep.state.fl.us

This message was delivered because the content filter score did not exceed your filter level.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Emergency Response Incident Report

Incident #: 2018-71-61472C	County: Lake	Latitude: 27.998969 (unverified) Longitude: -80.73117 (unverified)	Incident Date: 08/30/2018 Incident Time: 01:30 PM US/EASTERN		
OER Employee Receiving Report: Dacenay, Helena		OER Responses: Follow-up, Phone	Reported Date: 08/30/2018 Reported Time: 03:56 PM US/EASTERN		
Incident Reported By: Via SWO, Via NRC City of Palm Bay Parks and Recreation Address: 1150 Degroodt Rd., SW PALM BAY FL US Phones: Business : 321-953-8912 Extn: Contact Person: Galuchy, Brian					
Location of Incident: 1951 Malabar Rd.		Nearest City/Town: PALM BAY			
Threat to U.S Navigable Waters? No Describe Threat:		Confirmed/Potential:			
Descriptions: Fuel Leak/Overflow Intentional Act Spill	Modes: Facility State/Local Govt. Property	Media Affected: Impervious Surface	Actions: Disposal Absorbent Used RP Identified		
Incident Contractors:					
Incident Parties:					
Pollutants:					
Pollutant Name	Category	Potential Amount	Actual Amount	Unit Of Measure	Determined By
Gasoline	Petroleum	20.00	20.00	gallon	Witness Statements

OER Response Information

OER On-Scene Coordinator:

Arrival Date:

Incident #:

2018-71-61472C

Arrival Time:

PERSONNEL EXPENSES:

Fortune, Holly	0.50	\$ 34.68	per hour	\$ 17.34
Dacenay, Helena	0.25	\$ 31.04	per hour	\$ 7.76

TRANSPORTATION EXPENSES:

PPE EXPENSES:

SAMPLING EQUIPMENT EXPENSES:

EXPENDABLE EXPENSES:

INSTRUMENTATION EXPENSES:

MISCELLANEOUS EXPENSES:

Incident Narrative:

SWO2018-5462 and NRC#1223205 relay that City of Palm Bay is reporting the release of no more than 20-gallons of gasoline that has impacted a storm drain.

Responder Fortune contacted Brian Galuchy, with City of Palm Bay Public Works, to gather more information. Mr. Galuchy relayed that it appears that someone drilled a hole into the gas tank of one of City of Palm Bay's passenger/work vans that was parked behind the Community Center. This may have occurred last night. The release was just recently discovered and the van was towed from the Community Center to Public Works fleet facility for repair.

Mr. Galuchy clarified that, the Stormwater group had inspected the stormdrain and there was no odor or any fuel observed in the stormdrain catch basin. Staff had also checked the next few stormdrain catch basins and the retention ponds at the end of the stormwater system, and no fuel was observed in the ponds or other catchbasins.

There reportedly is no video of the event and a police report has been filed documenting the fuel theft. Absorbents had been applied to the impacted asphalt and the sorbents are being recovered for proper disposal.

Fortune and Galuchy discussed applying Portland Cement to the impacted asphalt area to lessen the staining and degradation of the impacted pavement, as well as spill reporting protocols.

No other OER action is required. This case can be closed.

Approved By:

Date:

Alexis E. Perry

From: Gibbs, Shane <Shane.Gibbs@dep.state.fl.us>
Sent: Tuesday, February 02, 2021 1:17 PM
To: Alexis E. Perry
Cc: Richard P. McCormick
Subject: RE: 2nd Brevard County SPILLS Site
Attachments: 24654.pdf

Alexis,

After researching our database, I've located this incident for this request. Due to the age of this incident and our four-year retention schedule this is the only remaining information on this incident. OER considers this incident closed. Please feel free to contact me if you have any questions.

Thanks,

Shane Gibbs
Government Operations Consultant
Office of Emergency Response
850-245-2872 Ext. 52872



From: Alexis E. Perry <aeperry@g-e-c.com>
Sent: Tuesday, February 2, 2021 12:55 PM
To: Gibbs, Shane <Shane.Gibbs@dep.state.fl.us>
Cc: Richard P. McCormick <rpmccormick@g-e-c.com>
Subject: 2nd Brevard County SPILLS Site

Good Afternoon Shane,

I have another SPILLS site that popped up along Malabar Road in Brevard County. A database report has revealed the following spill along the project corridor:

1. Malabar Road & Minton Road Northwest, Palm Bay, FL – S106803564

Do you have any information regarding this incident?

Thank you for your assistance!

Alexis E. Perry, E.I.
Engineer Intern



919 Lake Baldwin Lane, Orlando, Florida 32814
Office: 407-898-1818 Ext. 8971

e-mail: aeperry@g-e-c.com
www.g-e-c.com

GEC is proud to serve our community as Geotechnical Engineering Consultant on these Central Florida Transportation Legacy Projects: SunRail Phases I and II, Wekiva Parkway, I-4 Ultimate P3 Design Oversight and OIA South Terminal Airside and Landside Infrastructure. GEC is now offering **RoadScan GPR** for collecting continuous pavement layer thickness data at highway speed. **GEC is a certified Small Business Enterprise (SBE) with FDOT.**



Total Control Panel

[Login](#)

To: aeperry@g-e-c.com
From: shane.gibbs@dep.state.fl.us

Message Score: 40
My Spam Blocking Level: Medium

High (60): **Pass**
Medium (75): **Pass**
Low (90): **Pass**

[Block](#) this sender
[Block](#) dep.state.fl.us

This message was delivered because the content filter score did not exceed your filter level.

OER Response Information

OER On-Scene Coordinator:	Arrival Date: Arrival Time:	Incident #: 2004-71-24654Z
---------------------------	--------------------------------	----------------------------

PERSONNEL EXPENSES:

TRANSPORTATION EXPENSES:

PPE EXPENSES:

SAMPLING EQUIPMENT EXPENSES:

EXPENDABLE EXPENSES:

INSTRUMENTATION EXPENSES:

MISCELLANEOUS EXPENSES:

Incident Narrative:

Approved By: _____ Date: _____

Richard P. McCormick

From: Alexis E. Perry
Sent: Wednesday, February 17, 2021 8:35 AM
To: Richard P. McCormick
Subject: FW: Contamination Records Request: Malabar Road
Attachments: Area of Interest Report - Map Direct malabar st. john heritage pkwy minton rd.pdf

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Wanted to make sure you have this as well. It is already addressed in the report.

Thanks,

*Alexis E. Perry, E.I.
Engineer Intern*



919 Lake Baldwin Lane, Orlando, Florida 32814
Office: 407-898-1818 Ext. 8971

e-mail: aeperry@g-e-c.com
www.g-e-c.com

GEC is proud to serve our community as Geotechnical Engineering Consultant on these Central Florida Transportation Legacy Projects: SunRail Phases I and II, Wekiva Parkway, I-4 Ultimate P3 Design Oversight and OIA South Terminal Airside and Landside Infrastructure. GEC is now offering **RoadScan GPR** for collecting continuous pavement layer thickness data at highway speed. **GEC is a certified Small Business Enterprise (SBE) with FDOT.**

From: Grantham, Jeffrey <Jeffrey.Grantham@brevardfl.gov>
Sent: Tuesday, February 09, 2021 11:24 AM
To: Alexis E. Perry <aeperry@g-e-c.com>
Cc: NATRES_Tanks <NATRES_Tanks@brevardcounty.us>; SanzGarcia, Sandra <Sandra.SanzGarcia@brevardfl.gov>
Subject: RE: Contamination Records Request: Malabar Road

Hello Alexis,

A review of the FDEP Map Direct Area of Interest Report (AIR) did not identify any "Hazardous Waste Contamination" or related potential conditions of environmental concern at the referenced properties. Please see the attached map for potential facilities within the area of these properties. If you have further questions or concerns about any of the facilities identified, please feel free to contact me directly.

Thanks,
Jeffrey Grantham

Environmental Specialist I
FDEP Contracted Local Petroleum Restoration Program
Brevard County Natural Resources Management
2725 Judge Fran Jamieson Way, Bldg. A, Room 219 Viera, FL 32940
Direct: 321-350-8428
Mobile: 321-591-3004
Email: Jeffrey.Grantham@brevardfl.gov

Brevard County is currently in the process of implementing changes to increase the accessibility of information and documents on its website. If you require assistance to better access this document or information contained therein please contact the County's ADA Coordinator by phone at (321)-637-5347 or by email at ADACompliance@brevardfl.gov. No request to provide them in a specific format for accessibility was made therefore they are being provided in their original format.

From: Divers, Doug
Sent: Tuesday, February 09, 2021 8:34 AM
To: Grantham, Jeffrey <Jeffrey.Grantham@brevardfl.gov>
Subject: FW: Contamination Records Request: Malabar Road
Importance: High

Morning again, Jeffrey,

Will you please work your magic on this request, once you are back from the field? Let me know if you need anything from me.

Tanks,

Douglas

From: Alexis E. Perry <aeperry@g-e-c.com>
Sent: Tuesday, February 9, 2021 8:15 AM
To: Divers, Doug <doug.divers@brevardfl.gov>
Cc: Richard P. McCormick <rpmccormick@g-e-c.com>
Subject: Contamination Records Request: Malabar Road
Importance: High

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Good Morning Doug,

I am working on a Contamination Screening Evaluation Report for Malabar Road from St. Johns Heritage Parkway to Minton Road (I have attached a kmz and a photo aerial of the exact location) in Brevard County, Florida. Can you search

your databases and let us know if there are any active contamination sites (including leaking tanks), history of dumping, hazardous material violations, groundwater contamination, or other contamination concerns in this area? We have consulted the FDEP Map Direct and Oculus websites so anything that wouldn't be seen by those sources would be especially useful.

Thank you,

Alexis E. Perry, E.I.
Engineer Intern



919 Lake Baldwin Lane, Orlando, Florida 32814
Office: 407-898-1818 Ext. 8971

e-mail: aeperry@g-e-c.com
www.g-e-c.com

GEC is proud to serve our community as Geotechnical Engineering Consultant on these Central Florida Transportation Legacy Projects: SunRail Phases I and II, Wekiva Parkway, I-4 Ultimate P3 Design Oversight and OIA South Terminal Airside and Landside Infrastructure. GEC is now offering **RoadScan GPR** for collecting continuous pavement layer thickness data at highway speed. **GEC is a certified Small Business Enterprise (SBE) with FDOT.**

Total Control Panel

[Login](#)

To: aeperry@g-e-c.com

Message Score: 13

High (60): [Pass](#)

From: jeffrey.grantham@brevardfl.gov

My Spam Blocking Level: Medium

Medium (75): [Pass](#)

Low (90): [Pass](#)

[Block this sender](#)

[Block brevardfl.gov](#)

This message was delivered because the content filter score did not exceed your filter level.

RE: Records Search

Divers, Doug <doug.divers@brevardfl.gov>

Wed 5/24/2023 3:18 PM

To:Lani A. Frith <lafrith@gecfla.com>

Good afternoon, Lani,

At one time we had some records of the known cattle dip vats, but I'm not sure whatever happened to the topo maps. I'll look around when I'm in the office, but don't get your hopes up! Also, have you checked with the St. John's WMD or possibly the FWC? If I'm not mistaken, those cattle dip vats were Federally mandated. Sorry I couldn't be more of a help, but let me know if you have any questions.

Tanks,

NATURAL RESOURCES MANAGEMENT DEPARTMENT

Douglas Divers

Local Program Manager

Brevard County Government Center
2725 Judge Fran Jamieson Way
Building A, Room 219
Viera, Florida 32940

Main Line: (321) 633-2017 – ext. 23
DIRECT: (321) 350-8432
Mobile: (321) 537-8477



"The comments and opinions expressed herein are those of the author of this message and may not reflect the policies of the Brevard County, Board of County Commissioners."

From: Lani A. Frith <lafrith@gecfla.com>
Sent: Tuesday, May 23, 2023 1:54 PM
To: Divers, Doug <doug.divers@brevardfl.gov>
Subject: Records Search

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Hi Doug,

We are updating a contamination report for the city of Palm Bay. Would you be able to tell me if there are any records of a cattle dipping vat on a property on Malabar Road? I have attached an image of the area. The property does not have a listed address but the parcel ID No. is 29-36-05-00-3.

Thank you!

Lani A. Frith

Environment Scientist



919 Lake Baldwin Lane, Orlando, FL 32814

407-898-1818 | 321-352-8959 (Direct) | 407-353-9979 (Cell)

www.gecfla.com



GEC is pleased to announce that we are now a **FDOT certified Disadvantaged Business Enterprise (DBE) and Small Business Enterprise (SBE)** prequalified in FDOT Work Groups 9.1, 9.2, 9.3, 9.4.1, 9.4.2, 9.5 and 10.3! GEC looks forward to helping you meet your DBE and MWBE Goals when working with the FDOT, Central Florida Expressway (CFX) Authority, Florida's Turnpike Enterprise and GOAA.

[Printer Friendly View](#)

[Download as PDF](#)



Florida Department of Environmental Protection



Map Direct AIR (Area of Interest Report) Permitting Information Map

<p>Point of Interest: 27°59'59.4110" x -80°42'21.5601" 27.999836381539914 x -80.70598891637157 Search Radius: 3 miles Report Created on Tue Feb 09 2021 at 11:14:59 Map Direct v7.210204</p>	<p>Township/Range/Section: 28S36E34 Palm Bay, Brevard County 32907 FDEP Regulatory District: Central District Water Management District: SJRWMD FL House District 53 :: FL Senate District 17 US Congressional District 8 HUC Basin Area: Upper St. Johns Waterbody ID: 3090 State Land DM ID: 138941</p>
---	---



Search Result Summary

Features Found	Data Layer	Metadata	Spreadsheet
0	Mandatory Non-Phosphate Sites 2018	Layer Information	--
156	Permit Application Tracking System (PA)	Layer Information	Download as Spreadsheet
26	Environmental Resource Permits (ERP) from PA	Layer Information	Download as Spreadsheet
7	Environmental Resource Program-Compliance & Enforcement Facilities (ERPce)	Layer Information	Download as Spreadsheet
0	Air Resource Management System (ARMS) Facilities	Layer Information	--
0	Florida Institutional Controls Registry	Layer Information	--
0	Brownfield Sites	Layer Information	--
1	Brownfield Areas	Layer Information	Download as Spreadsheet
7	County Small Quantity Generators (SQG)	Layer Information	Download as Spreadsheet
3	DEP Cleanup Sites	Layer Information	Download as Spreadsheet
0	Drycleaning Solvent Program Cleanup Sites	Layer Information	--
12	Compliance and Enforcement Tracking for HAZardous (CHAZ) Facilities	Layer Information	Download as Spreadsheet
1	Site Investigation Section Sites	Layer Information	Download as Spreadsheet
8	Solid Waste Facilities	Layer Information	Download as Spreadsheet
22	Storage Tank Contamination Monitoring (STCM)	Layer Information	Download as Spreadsheet
0	Florida Superfund Waste Cleanup Sites	Layer Information	--
0	Florida State Funded Cleanup Sites	Layer Information	--
1	Waste Cleanup OPEN Responsible Party Sites	Layer Information	Download as Spreadsheet
3	Waste Cleanup CLOSED Responsible Party Sites	Layer Information	Download as Spreadsheet
0	Waste Cleanup INACTIVE Responsible Party Sites	Layer Information	--
0	Public Water Supply (PWS) Wells (Non-Federal)	Layer Information	--
1	Wastewater Facility Regulation (WAFR) - Wastewater Facilities	Layer Information	Download as Spreadsheet
0	Wastewater Facility Regulation (WAFR) - Residual Application Sites	Layer Information	--
1	Underground Injection Control (UIC) Class V Non-ASR Wells	Layer Information	Download as Spreadsheet
0	Underground Injection Control (UIC) Class V ASR Wells	Layer Information	--

APPENDIX K

Level II Impact to Construction Assessment Report



Level II Impact to Construction Assessment Report
MALABAR ROAD PD&E STUDY
From St. Johns Heritage Parkway to Minton Road
Palm Bay, Florida
Project No. 23773
FIN ID No. 437210-1-28-01
RFQ No. 23-0-2019/SB
GEC Project No. 4511E

Prepared for:

Kittelson & Associates, Inc.
225 East Robinson Street, Suite 355
Orlando, Florida 32801

Prepared by:

Geotechnical and Environmental Consultants, Inc.
919 Lake Baldwin Lane
Orlando, Florida 32814

December 2021



December 8, 2021

Revised December 30, 2021

Kittelson & Associates, Inc.
225 East Robinson Street, Suite 355
Orlando, Florida 32801

Attention: Mr. John R. Freeman, Jr., P.E., PTOE, RSP
Senior Principal

Subject: Level II Impact to Construction Assessment Report
MALABAR ROAD PD&E STUDY
From St. Johns Heritage Parkway to Minton Road
Palm Bay, Florida
Project No. 23773
FIN ID No. 437210-1-28-01
RFQ No. 23-0-2019/SB
GEC Project No. 4511E

Dear Mr. Freeman:

Geotechnical and Environmental Consultants, Inc. (GEC) has prepared this Level 2 Impact to Construction Assessment (ICA) Report for the above-referenced project. This Level 2 Assessment was conducted based on the findings presented in the Contamination Screening Evaluation Report, dated February 24, 2021, prepared by GEC for Kittelson & Associates, Inc.

We appreciate the opportunity to be of service to you on this project and trust this information is sufficient for your needs. Should you have any questions concerning this report, or if we may be of further assistance, please contact us.

Sincerely,

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in blue ink, appearing to read 'R. McCormick'.

Richard P. McCormick, P.G.
Chief Geologist
Florida License No. 2096

A handwritten signature in blue ink, appearing to read 'G. Kuhns'.

Gary L. Kuhns, P.E.
Chief Engineer
Florida License No. 38704

TABLE OF CONTENTS

1.0 INTRODUCTION.....	1
1.1 Purpose.....	1
1.2 Objectives	1
2.0 SITE AND PROJECT DESCRIPTION	1
3.0 POTENTIAL CONTAMINATION RISK SITES.....	2
4.0 FIELD AND LABORATORY TESTING PROGRAM.....	2
4.1 Soil Borings	3
4.2 Soil Sampling.....	3
5.0 LABORATORY TEST RESULTS.....	3
6.0 CONCLUSIONS AND RECOMMENDATIONS.....	4
7.0 REPORT LIMITATIONS	4
8.0 USE OF REPORT.....	5

FIGURES

Figure 1:	USGS Quadrangle Map
Figure 2:	Soil Sampling Locations

TABLES

Table 1:	Soil Sampling Parameters
----------	--------------------------

APPENDICES

Appendix A:	Site Description
Appendix B:	Contamination Impact Assessment Methodology
Appendix C:	Laboratory Analytical Report

1.0 INTRODUCTION

...the Contamination Screening Evaluation Report (CSER), dated...February 24, 2021 ...identified 21 facilities with Low and Medium Contamination Risk Potential Ratings...

Geotechnical and Environmental Consultants, Inc. (GEC) has been retained by Kittelson & Associates, Inc. (Kittelson) to provide a Level 2 Impact to Construction Assessment (Level 2 ICA) for the Malabar Road PD&E Study. GEC prepared the Contamination Screening Evaluation Report (CSER), dated February 24, 2021, for this project, on behalf of Kittelson. The CSER identified 21 facilities with Low and Medium Contamination Risk Potential Ratings. No facilities with High Contamination Risk ratings were identified. Based on the proposed design and construction, further investigation was warranted at the Pond C-20 Alternative 1 location.

1.1 Purpose

The purpose of the Level 2 ICA was to verify the potential presence of agricultural chemical contaminants within Pond C-20 Alternative 1 of the Malabar Road project.

1.2 Objectives

The objectives of the Level 2 ICA presented herein were to: (i) assess the potential for soil impacts associated with anticipated contaminant source area(s) via soil screening techniques; (ii) provide information necessary to evaluate project impacts associated with constructing a stormwater pond; and (iii) provide site-specific recommendations based on the Level 2 ICA results and the current project plans.

2.0 SITE AND PROJECT DESCRIPTION

The 4-mile project alignment is Malabar Road, between St. Johns Heritage Parkway to the west and Minton Road to the east. The project corridor is shown on excerpts of the U.S. Geological Survey (USGS) Melbourne West and Fellsmere NW, Florida Quadrangle maps as **Figure 1**.

As described in the Contract Plans, the project plans include the following:

- Right of way acquisition
- Roadway widening and re-alignment from Station 36+41 to Station 274+63
- Stormwater pond construction along the Malabar Road alignment. The alternative stormwater ponds and flood plain compensation areas are shown on **Figure 1**.

3.0 POTENTIAL CONTAMINATION RISK SITES

The CSER identified nine **Medium Risk** sites. The Pond C-20 Alternative 1 location was selected for Level 2 Assessment due to its historical citrus grove/agricultural land use. **Figure 1** from the February 24, 2021 CSER shows the approximate location of Pond C-20 Alternative 1.

A detailed description of the **Medium Risk** historical citrus groves/agricultural land use (Site No. 21) is provided in excerpts from the CSER included as **Appendix A**. A summary of the sites is presented below.

Medium Risk Sites of Concern (9)

Site Number	Site Name	Site Address	Risk Potential
1	Cattle Pen	Malabar Road	Medium
2	Agricultural Barn	2200 Malabar Road	Medium
3	Cattle Pen	Malabar Road	Medium
6	Circle K #2726513	900 Malabar Road	Medium
7	Malabar Cove	3 NW Malabar Road	Medium
14	Bob Youtzy Landclearing	201 Malabar Road	Medium
16	7-Eleven Food Store #32756	6405 Minton Road	Medium
17	Cumberland Farms	105 Malabar Road / 6375 Minton Road	Medium
21*	Historical Citrus Groves/Agriculture	N/A	Medium

*= Pond C-20 Alt 1 is located within Site 21-Historical Citrus Groves/Agricultural Land Uses, which is ranked Medium; otherwise, the pond site would have been ranked Low.

Not all of the **Medium Risk** sites were evaluated. Due to the proposed soil excavation and dewatering activities at Pond C-20 Alt 1, only **Site No. 21, Historical Citrus Grove/Agricultural Land Uses**, was evaluated within this Level 2 ICA. The remaining eight **Medium Risk** sites were not considered a contamination concern to the proposed roadway improvements at this time.

4.0 FIELD AND LABORATORY TESTING PROGRAM

This Level 2 ICA was conducted in general accordance with Part 2, Chapter 20, Section 20.2.3 of the FDOT Project Development & Environment (PD&E) Manual dated July 1, 2020. Assessment activities included soil borings, soil sampling, and chemical testing as described in the following sections.

Please refer to **Appendix B** for a detailed description of our procedures for conducting soil borings, soil sampling, groundwater sampling and our quality control measures.

4.1 Soil Borings

Soil borings were performed to obtain soil samples for analytical laboratory testing. GEC performed a total of three hand auger borings at the Pond C-20 Alternative 1 site documented in the February 24, 2021 CSER.

No former buildings, wells, or mixing stations were identified within the pond during the CSER that would provide a specific point with an elevated contamination potential. Therefore, the soil samples were obtained within the former grove at the locations shown on **Figure 2** to evaluate the potential for residual soil impacts due to the historical application of herbicides/pesticides.

This report was originally submitted on December 8, 2021. GEC was informed on December 17, 2021 that the footprint of Pond C-20 Alt 1 had been revised as shown on **Figure 2**. Additional sampling and testing to reflect the revised pond footprint has not been conducted to date.

4.2 Soil Sampling

Six soil samples were obtained from three boring locations for laboratory analysis of arsenic, pesticides, and herbicides as described in **Table 1**. The samples were obtained from two depth intervals (0-6" below land surface, bls, and 1-2' bls) at each boring location. The soil boring and sampling locations are shown on **Figure 2**.

Table 1
Soil Sampling Parameters

Soil Boring Nos.	Site No.	Depths Sampled		Sampling Parameters		
		0-6"	1-2'	Arsenic	Pesticide	Herbicide
SS-1	Pond C-20 Alt 1	x	x	X	x	x
SS-2	Pond C-20 Alt 1	x	x	X	x	x
SS-3	Pond C-20 Alt 1	x	x	X	x	x

5.0 LABORATORY TEST RESULTS

The field investigation and laboratory test results revealed no arsenic, pesticide, or herbicide constituent detections in excess of laboratory method detection levels or State FAC 62-777 Soil Cleanup Target Level (SCTL) criteria. The analytical laboratory report is included in **Appendix C**.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this Level 2 ICA, it appears soil in the originally proposed Pond C-20 Alt 1 from the February 2021 CSER (northern half of the field) has not been significantly impacted by pesticide, herbicide, or arsenics constituents.

Due to both Pond C-20 Alt 1 footprints being within the same historical agricultural field, the land use practices can be inferred to be similar, and any agricultural chemical application would have likely been the same. Therefore, based on these assumptions, the results from SS-1 through SS-3 in the northern half of the property should be reflective of the southern half of the property. Due to this, and the results from sampling location SS-3 (within the revised footprint), it appears the risk of encountering impacted soil in the revised Pond C-20 Alt-1 footprint is low. However, verification of this finding would require supplemental sampling and testing in the southern portion of Pond C-20 Alt 1.

Based on these findings, pond construction activities including soil excavation should not require special handling, characterization, and disposal provisions.

7.0 REPORT LIMITATIONS

The findings, opinions, conclusions, and recommendations presented herein are based on the soil samples obtained at specific locations and depths at the time of this assessment. The results presented herein may not reflect conditions that may exist at other times or at other locations.

The Level 2 Assessment was conducted based in part on readily available and practically reviewable information contained in the public record. GEC does not warrant or guarantee the accuracy or completeness of this information. Some of this public record information may be dated and not representative of conditions at the time this report was prepared (November and December 2021), or in the future. Please refer to this report and supporting documentation, including the February 24, 2021 CSER, in its entirety for a complete understanding regarding our evaluation methodology and the age and limitations of the data upon which we have relied in formulating our findings, opinions, conclusions and/or recommendations.

This investigation was only conducted to evaluate the presence of contamination based on preliminary screening methods. Investigation of the extent of contamination was not the objective of this Level 2 ICA.

This report does not contain discussions on groundwater sampling, asbestos-containing materials surveys, lead-based paint surveys, mold surveys, radon gas surveys, lead in drinking water analysis, wetlands surveys, regulatory compliance audits, cultural and historical analyses, industrial hygiene

or health and safety audits, ecological surveys, endangered or threatened species evaluations, indoor air quality surveys, engineering investigations, or building suitability studies.

8.0 USE OF REPORT

This report is intended for exclusive use of our client, Kittelson & Associates, Inc and the project owner, the City of Palm Bay, for specific application to our client's project. GEC expressly disclaims any and all liability resulting from reliance on this report by those not authorized, in writing, by GEC.

GEC has performed the services described in this report in a manner consistent with that level of care and skill ordinarily exercised by members of our profession currently practicing in Central Florida. No other representation is expressed or implied in this document.

The conclusions or recommendations of this report should be disregarded if the nature, design or location of the proposed drainage improvements is changed. If such changes are contemplated, GEC should be retained to review the new plans to assess the applicability of this report in light of proposed changes.

FIGURES

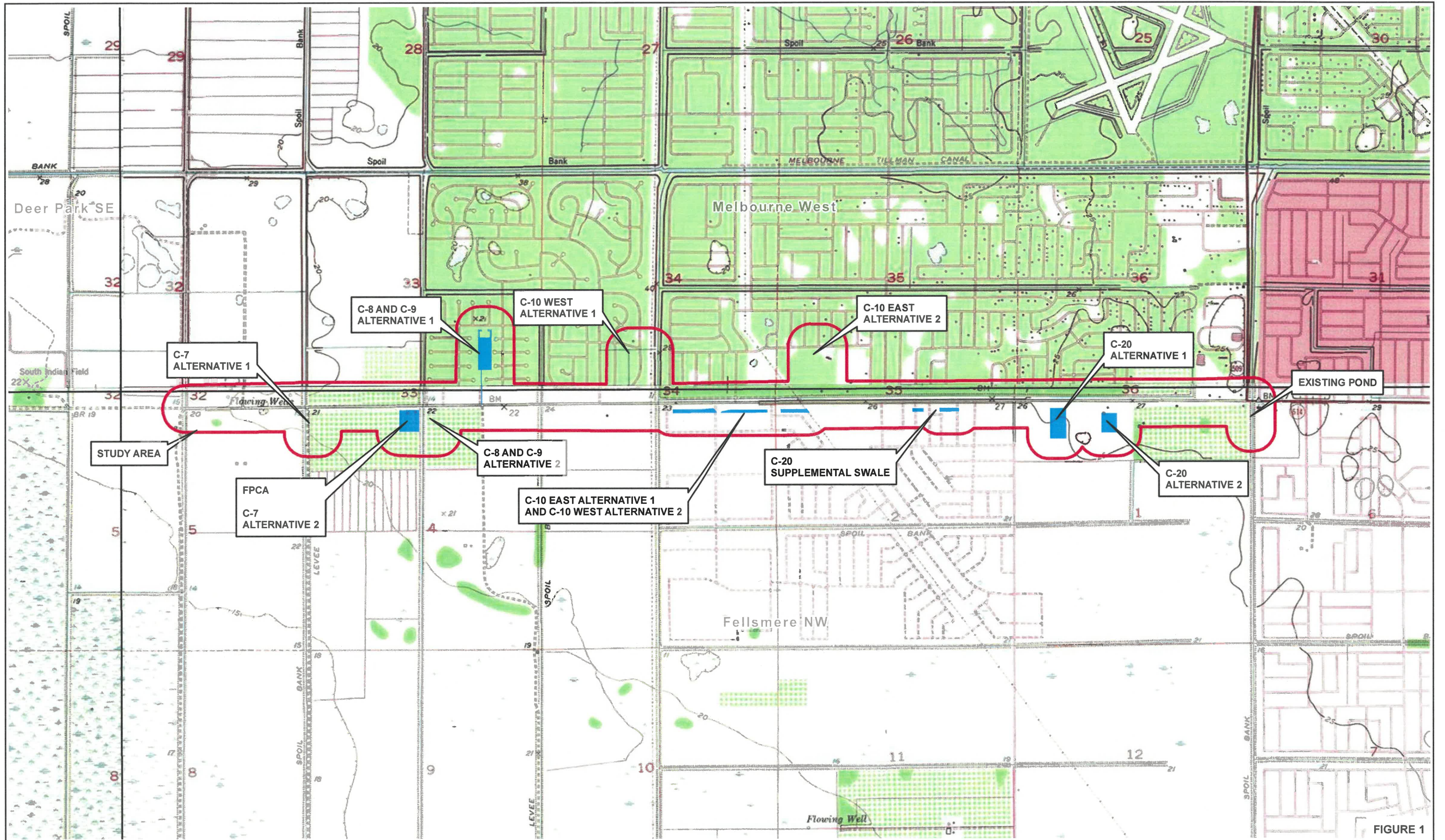
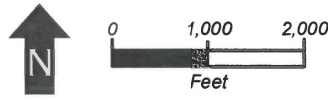


FIGURE 1

Melbourne West Quadrangle
 Dated: 1988
 Fellsmere NW Quadrangle
 Dated: 1970



RICHARD P. McCORMICK, P.G.
 P.G. LICENSE NUMBER 2096
 GEOTECHNICAL AND ENVIRONMENTAL
 CONSULTANTS, INC.
 919 LAKE BALDWIN LANE
 ORLANDO, FL 32814

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MALABAR	BREVARD	437210-1-28-01

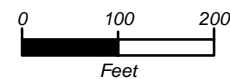
USGS QUADRANGLE MAP

SHEET NO.



FIGURE 2

APPROXIMATE SOIL SAMPLING LOCATION



RICHARD P. McCORMICK, P.G.
P.G. LICENSE NUMBER 2096
GEOTECHNICAL AND ENVIRONMENTAL
CONSULTANTS, INC.
919 LAKE BALDWIN LANE
ORLANDO, FL 32814

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
MALABAR	BREVARD	437210-1-28-01

*POND C-20 ALTERNATIVE 1
SOIL SAMPLING LOCATIONS*

SHEET
NO.

APPENDIX A

Site Descriptions

Table 1
Potential Contamination Site Summary

GEC Project No. 4511E

Site No:	21		Risk Potential:	MEDIUM		
Site Name	Historical Citrus Groves					
Site Address	Malabar Road					
Site Location	North and south of the Malabar Road alignment					
Distance/Direction	N/A					
Facility ID Nos:	N/A					
Database Listings/Sources:	Historical Aerial Photograph Review, Quadrangle Maps					
Historical Land Use	Historical Citrus Groves					
Current Land Use	Residential, Commercial, Vacant Land Uses					
Contaminants	Hazardous Materials					
TANKS	U/A	Capacity (gal)	Content	Installed	Removed	
N/A	N/A	N/A	N/A	N/A	N/A	
Discharge Date	N/A		Cleanup Date:	N/A		
	Soil			Groundwater		
Documented/ Known Impacts:	NO			NO		

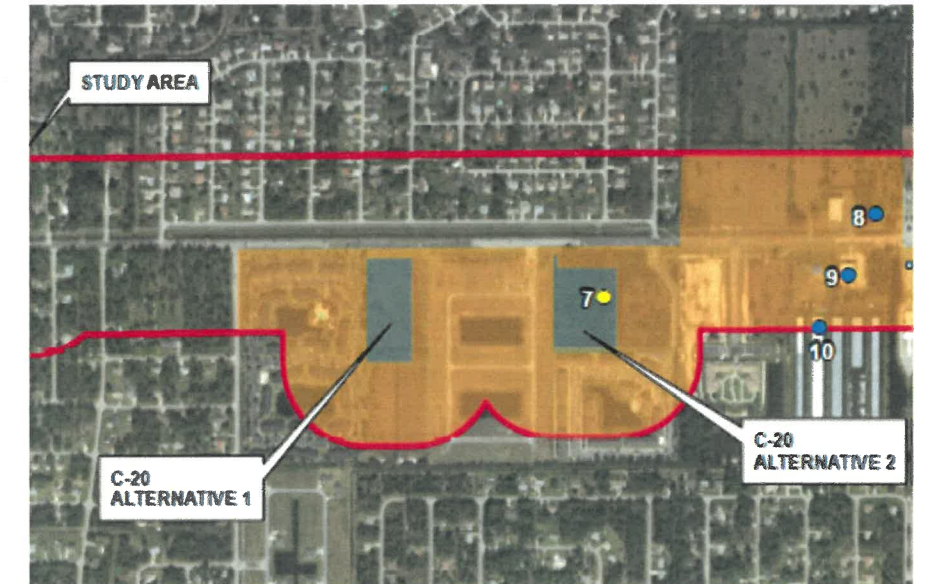
PUBLIC RECORDS: Historical citrus groves are visible within the study area on the historical aerial photographs and the USGS Quadrangle Maps.

Agricultural land and citrus groves typically have environmental concerns associated with them. These concerns include pesticide/herbicide storage and usage, grove heating during cooler winter months (smudge pots and other grove heating equipment), tractor and equipment maintenance and fueling, underground and aboveground fuel storage tanks, irrigation pumps and maintenance, and asbestos irrigation lines.

INTERVIEW INFORMATION: N/A

SITE OBSERVATIONS: During the site reconnaissance, no citrus grove locations were visible within the study area. The locations of the historical citrus groves are currently vacant land or were developed with residential and commercial properties.

CONCLUSIONS: Based on the historical citrus groves being within the footprint of several proposed stormwater ponds, this site has been assigned a CRR of **Medium**.



Historical Citrus Groves are visible as the orange shaded area. Image taken from the CSER Potential Contamination Site Map.

APPENDIX B

Contamination Impact Assessment Methodology

Soil Borings

Soil borings are conducted to obtain samples for chemical testing. For soil boring depths up to 5 feet, GEC technicians perform hand auger borings by manually turning a 3.25-inch diameter, 6-inch long stainless steel sampler into the soil until the barrel is full. The sampler is retrieved and the soil visually examined, classified and collected for possible analytical laboratory testing. For soil borings deeper than five feet, GEC uses a rotary auger drill rig or a Direct Push Technology (DPT) rig to obtain the soil samples. Between soil borings and prior to collecting the soil samples for chemical analysis, the soil boring equipment is decontaminated in accordance with Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOP)s.

Soil Sampling and Analysis

Soil samples were submitted for analytical chemical testing. The soil samples were transported to a laboratory for chemical analysis using arsenic, pesticide and herbicide testing protocols.

Quality Control

In order to achieve the data quality objectives (DQOs), field quality assurance and quality control (QA/QC) procedures were implemented to verify the integrity of the screening and sampling data. All soil and groundwater sampling activities performed by GEC personnel during this environmental investigation were conducted in accordance with FDEP Standard Operating Procedures for Field Activities (FDEP SOP-001/01) and FS-3000 (Soil Sampling) dated April 16, 2018.

APPENDIX C

Laboratory Analytical Reports



Advanced Environmental Laboratories, Inc
380 North Lake Blvd., Suite 1048 Altamonte Springs, FL
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (407) 937-1594
Fax: (407) 937-1597

FINAL

Workorder: 4511E (A2109529)

November 30, 2021

Richard McCormick
Geotechnical & Environmental Consultants
919 Lake Baldwin Ln
Orlando, FL 32814

RE: Workorder: A2109529 4511E

Dear Richard McCormick:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday November 2, 2021. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brandon O'Hara, Laboratory Manager
BOhara@AELLab.com

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: 4511E (A2109529)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
A2109529001	SS-1-.5	SO	EPA 8081	11/02/2021 10:00	11/02/2021 13:40	19
A2109529001	SS-1-.5	SO	EPA 8141	11/02/2021 10:00	11/02/2021 13:40	22
A2109529001	SS-1-.5	SO	EPA 8151	11/02/2021 10:00	11/02/2021 13:40	9
A2109529001	SS-1-.5	SO	SM 2540G	11/02/2021 10:00	11/02/2021 13:40	1
A2109529001	SS-1-.5	SO	SW-846 6010	11/02/2021 10:00	11/02/2021 13:40	6
A2109529001	SS-1-.5	SO	SW-846 7471A	11/02/2021 10:00	11/02/2021 13:40	1
A2109529002	SS-1-2	SO	EPA 8081	11/02/2021 10:05	11/02/2021 13:40	19
A2109529002	SS-1-2	SO	EPA 8141	11/02/2021 10:05	11/02/2021 13:40	22
A2109529002	SS-1-2	SO	EPA 8151	11/02/2021 10:05	11/02/2021 13:40	9
A2109529002	SS-1-2	SO	SM 2540G	11/02/2021 10:05	11/02/2021 13:40	1
A2109529002	SS-1-2	SO	SW-846 6010	11/02/2021 10:05	11/02/2021 13:40	6
A2109529002	SS-1-2	SO	SW-846 7471A	11/02/2021 10:05	11/02/2021 13:40	1
A2109529003	SS-2-.5	SO	EPA 8081	11/02/2021 10:10	11/02/2021 13:40	19
A2109529003	SS-2-.5	SO	EPA 8141	11/02/2021 10:10	11/02/2021 13:40	22
A2109529003	SS-2-.5	SO	EPA 8151	11/02/2021 10:10	11/02/2021 13:40	9
A2109529003	SS-2-.5	SO	SM 2540G	11/02/2021 10:10	11/02/2021 13:40	1
A2109529003	SS-2-.5	SO	SW-846 6010	11/02/2021 10:10	11/02/2021 13:40	6
A2109529003	SS-2-.5	SO	SW-846 7471A	11/02/2021 10:10	11/02/2021 13:40	1
A2109529004	SS-2-2	SO	EPA 8081	11/02/2021 10:15	11/02/2021 13:40	19
A2109529004	SS-2-2	SO	EPA 8141	11/02/2021 10:15	11/02/2021 13:40	22
A2109529004	SS-2-2	SO	EPA 8151	11/02/2021 10:15	11/02/2021 13:40	9
A2109529004	SS-2-2	SO	SM 2540G	11/02/2021 10:15	11/02/2021 13:40	1
A2109529004	SS-2-2	SO	SW-846 6010	11/02/2021 10:15	11/02/2021 13:40	6
A2109529004	SS-2-2	SO	SW-846 7471A	11/02/2021 10:15	11/02/2021 13:40	1
A2109529005	SS-3-.5	SO	EPA 8081	11/02/2021 10:20	11/02/2021 13:40	19
A2109529005	SS-3-.5	SO	EPA 8141	11/02/2021 10:20	11/02/2021 13:40	22
A2109529005	SS-3-.5	SO	EPA 8151	11/02/2021 10:20	11/02/2021 13:40	9
A2109529005	SS-3-.5	SO	SM 2540G	11/02/2021 10:20	11/02/2021 13:40	1
A2109529005	SS-3-.5	SO	SW-846 6010	11/02/2021 10:20	11/02/2021 13:40	6
A2109529005	SS-3-.5	SO	SW-846 7471A	11/02/2021 10:20	11/02/2021 13:40	1
A2109529006	SS-3-2	SO	EPA 8081	11/02/2021 10:25	11/02/2021 13:40	19
A2109529006	SS-3-2	SO	EPA 8141	11/02/2021 10:25	11/02/2021 13:40	22
A2109529006	SS-3-2	SO	EPA 8151	11/02/2021 10:25	11/02/2021 13:40	9
A2109529006	SS-3-2	SO	SM 2540G	11/02/2021 10:25	11/02/2021 13:40	1
A2109529006	SS-3-2	SO	SW-846 6010	11/02/2021 10:25	11/02/2021 13:40	6

Certificate of Analysis

This report shall not be reproduced, except in full,
 without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: 4511E (A2109529)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
A2109529006	SS-3-2	SO	SW-846 7471A	11/02/2021 10:25	11/02/2021 13:40	1

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: 4511E (A2109529)

Workorder Summary

Analysis Results Comments

A2109529001 (SS-1-.5) - Chlorpyrifos-methyl

See Case Narration

A2109529001 (SS-1-.5) - Malathion

See Case Narration

A2109529001 (SS-1-.5) - Methyl Parathion

See Case Narration

A2109529001 (SS-1-.5) - Parathion (Ethyl)

See Case Narration

A2109529002 (SS-1-2) - Tributylphosphate

See Case Narration

A2109529006 (SS-3-2) - Tributylphosphate

See Case Narration

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: 4511E (A2109529)

Analytical Results Qualifiers

Parameter Qualifiers

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- CN See Case Narration

Lab Qualifiers

- J DOH Certification #E82574 (FL NELAC) AEL-Jacksonville
- M DOH Certification #E82535 (FL NELAC) AEL-Miami

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529001 Date Collected: 11/02/2021 10:00 Matrix: Soil
 Sample ID: SS-1-.5 Date Received: 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.40 U	mg/Kg	2.1	0.40	1	11/05/2021 08:37	11/05/2021 19:59	M

SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	0.0088 U	mg/Kg	0.035	0.0088	1	11/11/2021 08:00	11/12/2021 20:06	J
2,4-D	0.022 U	mg/Kg	0.070	0.022	1	11/11/2021 08:00	11/12/2021 20:06	J
2,4-DB	0.035 U	mg/Kg	0.14	0.035	1	11/11/2021 08:00	11/12/2021 20:06	J
Dalapon	0.070 U	mg/Kg	0.28	0.070	1	11/11/2021 08:00	11/12/2021 20:06	J
Dicamba	0.018 U	mg/Kg	0.070	0.018	1	11/11/2021 08:00	11/12/2021 20:06	J
Dichloroprop	0.044 U	mg/Kg	0.18	0.044	1	11/11/2021 08:00	11/12/2021 20:06	J
Dinoseb	0.0088 U	mg/Kg	0.035	0.0088	1	11/11/2021 08:00	11/12/2021 20:06	J
Pentachlorophenol	0.0053 U	mg/Kg	0.021	0.0053	1	11/11/2021 08:00	11/12/2021 20:06	J
Silvex (2,4,5-TP)	0.0088 U	mg/Kg	0.035	0.0088	1	11/11/2021 08:00	11/12/2021 20:06	J

SEMIVOLATILES (SW-846 3550B/EPA 8081)								
4,4'-DDD	0.00099 U	mg/Kg	0.0034	0.00099	1	11/11/2021 07:30	11/12/2021 07:01	M
4,4'-DDE	0.0010 U	mg/Kg	0.0034	0.0010	1	11/11/2021 07:30	11/12/2021 07:01	M
4,4'-DDT	0.00095 U	mg/Kg	0.0034	0.00095	1	11/11/2021 07:30	11/12/2021 07:01	M
Aldrin	0.00038 U	mg/Kg	0.0034	0.00038	1	11/11/2021 07:30	11/12/2021 07:01	M
Chlordane (technical)	0.010 U	mg/Kg	0.034	0.010	1	11/11/2021 07:30	11/12/2021 07:01	M
Dieldrin	0.00082 U	mg/Kg	0.0034	0.00082	1	11/11/2021 07:30	11/12/2021 07:01	M
Endosulfan I	0.00085 U	mg/Kg	0.0034	0.00085	1	11/11/2021 07:30	11/12/2021 07:01	M





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529001 **Date Collected:** 11/02/2021 10:00 **Matrix:** Soil
Sample ID: SS-1-.5 **Date Received:** 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Endosulfan II	0.0010 U	mg/Kg	0.0034	0.0010	1	11/11/2021 07:30	11/12/2021 07:01	M
Endosulfan Sulfate	0.0013 U	mg/Kg	0.0034	0.0013	1	11/11/2021 07:30	11/12/2021 07:01	M
Endrin	0.00094 U	mg/Kg	0.0034	0.00094	1	11/11/2021 07:30	11/12/2021 07:01	M
Endrin Aldehyde	0.00078 U	mg/Kg	0.0034	0.00078	1	11/11/2021 07:30	11/12/2021 07:01	M
Heptachlor	0.00049 U	mg/Kg	0.0034	0.00049	1	11/11/2021 07:30	11/12/2021 07:01	M
Heptachlor Epoxide	0.0040 U	mg/Kg	0.0040	0.0040	1	11/11/2021 07:30	11/12/2021 07:01	M
Methoxychlor	0.00065 U	mg/Kg	0.0034	0.00065	1	11/11/2021 07:30	11/12/2021 07:01	M
Toxaphene	0.011 U	mg/Kg	0.034	0.011	1	11/11/2021 07:30	11/12/2021 07:01	M
alpha-BHC	0.0017 U	mg/Kg	0.0034	0.0017	1	11/11/2021 07:30	11/12/2021 07:01	M
beta-BHC	0.0026 U	mg/Kg	0.0034	0.0026	1	11/11/2021 07:30	11/12/2021 07:01	M
delta-BHC	0.00092 U	mg/Kg	0.0034	0.00092	1	11/11/2021 07:30	11/12/2021 07:01	M
gamma-BHC (Lindane)	0.00084 U	mg/Kg	0.0034	0.00084	1	11/11/2021 07:30	11/12/2021 07:01	M
SEMIVOLATILES (SW-846 3550B/EPA 8141)								
Atrazine	0.012 U	mg/Kg	0.035	0.012	1	11/11/2021 15:00	11/12/2021 22:10	J
Azinphos-methyl	0.012 U	mg/Kg	0.035	0.012	1	11/11/2021 15:00	11/12/2021 22:10	J
Chlorpyrifos	0.0038 U	mg/Kg	0.035	0.0038	1	11/11/2021 15:00	11/12/2021 22:10	J
Chlorpyrifos-methyl	0.0081 U	mg/Kg	0.035	0.0081	1	11/11/2021 15:00	11/12/2021 22:10	J
Demeton	0.0017 U	mg/Kg	0.035	0.0017	1	11/11/2021 15:00	11/12/2021 22:10	J
Diazinon	0.0037 U	mg/Kg	0.035	0.0037	1	11/11/2021 15:00	11/12/2021 22:10	J
Dimethoate	0.0037 U	mg/Kg	0.035	0.0037	1	11/11/2021 15:00	11/12/2021 22:10	J
Disulfoton	0.0072 U	mg/Kg	0.035	0.0072	1	11/11/2021 15:00	11/12/2021 22:10	J
Ethion	0.0040 U	mg/Kg	0.035	0.0040	1	11/11/2021 15:00	11/12/2021 22:10	J
Ethoprop	0.0033 U	mg/Kg	0.035	0.0033	1	11/11/2021 15:00	11/12/2021 22:10	J
Famphur	0.0057 U	mg/Kg	0.035	0.0057	1	11/11/2021 15:00	11/12/2021 22:10	J
Fensulfothion	0.0057 U	mg/Kg	0.035	0.0057	1	11/11/2021 15:00	11/12/2021 22:10	J
Fonophos	0.0031 U	mg/Kg	0.035	0.0031	1	11/11/2021 15:00	11/12/2021 22:10	J

Tuesday, November 30, 2021 4:08:12 PM
 Dates and times are displayed using (-05:00)
 Page 7 of 26

Certificate of Analysis

This report shall not be reproduced, except in full,
 without the written consent of Advanced Environmental Laboratories, Inc.

POWERED BY
HORIZON
 v.13.0.0



NELAP Accredited E53076



FINAL

Workorder: 4511E (A2109529)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Malathion	0.0075 U	mg/Kg	0.035	0.0075	1	11/11/2021 15:00	11/12/2021 22:10	J
Merphos	0.0085 U	mg/Kg	0.035	0.0085	1	11/11/2021 15:00	11/12/2021 22:10	J
Methyl Parathion	0.0036 U	mg/Kg	0.035	0.0036	1	11/11/2021 15:00	11/12/2021 22:10	J
Mevinphos	0.0018 U	mg/Kg	0.035	0.0018	1	11/11/2021 15:00	11/12/2021 22:10	J
Parathion (Ethyl)	0.0033 U	mg/Kg	0.035	0.0033	1	11/11/2021 15:00	11/12/2021 22:10	J
Phorate	0.0033 U	mg/Kg	0.035	0.0033	1	11/11/2021 15:00	11/12/2021 22:10	J
Phosmet	0.0086 U	mg/Kg	0.035	0.0086	1	11/11/2021 15:00	11/12/2021 22:10	J
Ronnel	0.0078 U	mg/Kg	0.035	0.0078	1	11/11/2021 15:00	11/12/2021 22:10	J
Simazine	0.030 U	mg/Kg	0.035	0.030	1	11/11/2021 15:00	11/12/2021 22:10	J
(SM 2540G)								
Percent Moisture	7	%	0.001	0.0010	1	11/17/2021 16:30	11/17/2021 16:30	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/Kg	79	88	111	63 - 130	M
Tetrachloro-m-xylene (S)	ug/Kg	160	150	95	42 - 129	M
2,4-Dichlorophenylacetic acid (S)	ug/Kg	810	820	101	46 - 122	J
Tributylphosphate (S)	ug/Kg	160	170	106	63 - 111	J

Certificate of Analysis

This report shall not be reproduced, except in full,
 without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529002 Date Collected: 11/02/2021 10:05 Matrix: Soil
 Sample ID: SS-1-2 Date Received: 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.42 U	mg/Kg	2.2	0.42	1	11/05/2021 08:37	11/05/2021 20:03	M

SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	0.0087 U	mg/Kg	0.035	0.0087	1	11/11/2021 08:00	11/12/2021 20:40	J
2,4-D	0.022 U	mg/Kg	0.069	0.022	1	11/11/2021 08:00	11/12/2021 20:40	J
2,4-DB	0.035 U	mg/Kg	0.14	0.035	1	11/11/2021 08:00	11/12/2021 20:40	J
Dalapon	0.069 U	mg/Kg	0.28	0.069	1	11/11/2021 08:00	11/12/2021 20:40	J
Dicamba	0.017 U	mg/Kg	0.069	0.017	1	11/11/2021 08:00	11/12/2021 20:40	J
Dichloroprop	0.043 U	mg/Kg	0.17	0.043	1	11/11/2021 08:00	11/12/2021 20:40	J
Dinoseb	0.0087 U	mg/Kg	0.035	0.0087	1	11/11/2021 08:00	11/12/2021 20:40	J
Pentachlorophenol	0.0052 U	mg/Kg	0.021	0.0052	1	11/11/2021 08:00	11/12/2021 20:40	J
Silvex (2,4,5-TP)	0.0087 U	mg/Kg	0.035	0.0087	1	11/11/2021 08:00	11/12/2021 20:40	J

SEMIVOLATILES (SW-846 3550B/EPA 8081)								
4,4'-DDD	0.00094 U	mg/Kg	0.0032	0.00094	1	11/16/2021 07:30	11/18/2021 04:05	M
4,4'-DDE	0.00096 U	mg/Kg	0.0032	0.00096	1	11/16/2021 07:30	11/18/2021 04:05	M
4,4'-DDT	0.00091 U	mg/Kg	0.0032	0.00091	1	11/16/2021 07:30	11/18/2021 04:05	M
Aldrin	0.00036 U	mg/Kg	0.0032	0.00036	1	11/16/2021 07:30	11/18/2021 04:05	M
Chlordane (technical)	0.0097 U	mg/Kg	0.032	0.0097	1	11/16/2021 07:30	11/18/2021 04:05	M
Dieldrin	0.00078 U	mg/Kg	0.0032	0.00078	1	11/16/2021 07:30	11/18/2021 04:05	M





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529002 **Date Collected:** 11/02/2021 10:05 **Matrix:** Soil
Sample ID: SS-1-2 **Date Received:** 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Endosulfan I	0.00081 U	mg/Kg	0.0032	0.00081	1	11/16/2021 07:30	11/18/2021 04:05	M
Endosulfan II	0.00096 U	mg/Kg	0.0032	0.00096	1	11/16/2021 07:30	11/18/2021 04:05	M
Endosulfan Sulfate	0.0013 U	mg/Kg	0.0032	0.0013	1	11/16/2021 07:30	11/18/2021 04:05	M
Endrin	0.00089 U	mg/Kg	0.0032	0.00089	1	11/16/2021 07:30	11/18/2021 04:05	M
Endrin Aldehyde	0.00075 U	mg/Kg	0.0032	0.00075	1	11/16/2021 07:30	11/18/2021 04:05	M
Heptachlor	0.00047 U	mg/Kg	0.0032	0.00047	1	11/16/2021 07:30	11/18/2021 04:05	M
Heptachlor Epoxide	0.0038 U	mg/Kg	0.0038	0.0038	1	11/16/2021 07:30	11/18/2021 04:05	M
Methoxychlor	0.00062 U	mg/Kg	0.0032	0.00062	1	11/16/2021 07:30	11/18/2021 04:05	M
Toxaphene	0.010 U	mg/Kg	0.032	0.010	1	11/16/2021 07:30	11/18/2021 04:05	M
alpha-BHC	0.0016 U	mg/Kg	0.0032	0.0016	1	11/16/2021 07:30	11/18/2021 04:05	M
beta-BHC	0.0025 U	mg/Kg	0.0032	0.0025	1	11/16/2021 07:30	11/18/2021 04:05	M
delta-BHC	0.00088 U	mg/Kg	0.0032	0.00088	1	11/16/2021 07:30	11/18/2021 04:05	M
gamma-BHC (Lindane)	0.00080 U	mg/Kg	0.0032	0.00080	1	11/16/2021 07:30	11/18/2021 04:05	M
SEMIVOLATILES (SW-846 3550B/EPA 8141)								
Atrazine	0.012 U	mg/Kg	0.035	0.012	1	11/11/2021 15:00	11/12/2021 22:40	J
Azinphos-methyl	0.012 U	mg/Kg	0.035	0.012	1	11/11/2021 15:00	11/12/2021 22:40	J
Chlorpyrifos	0.0037 U	mg/Kg	0.035	0.0037	1	11/11/2021 15:00	11/12/2021 22:40	J
Chlorpyrifos-methyl	0.0080 U	mg/Kg	0.035	0.0080	1	11/11/2021 15:00	11/12/2021 22:40	J
Demeton	0.0016 U	mg/Kg	0.035	0.0016	1	11/11/2021 15:00	11/12/2021 22:40	J
Diazinon	0.0036 U	mg/Kg	0.035	0.0036	1	11/11/2021 15:00	11/12/2021 22:40	J
Dimethoate	0.0037 U	mg/Kg	0.035	0.0037	1	11/11/2021 15:00	11/12/2021 22:40	J
Disulfoton	0.0071 U	mg/Kg	0.035	0.0071	1	11/11/2021 15:00	11/12/2021 22:40	J
Ethion	0.0040 U	mg/Kg	0.035	0.0040	1	11/11/2021 15:00	11/12/2021 22:40	J
Ethoprop	0.0033 U	mg/Kg	0.035	0.0033	1	11/11/2021 15:00	11/12/2021 22:40	J
Famphur	0.0056 U	mg/Kg	0.035	0.0056	1	11/11/2021 15:00	11/12/2021 22:40	J





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: A2109529002			Date Collected: 11/02/2021 10:05			Matrix: Soil		
Sample ID: SS-1-2			Date Received: 11/02/2021 13:40					
Fensulfothion	0.0056 U	mg/Kg	0.035	0.0056	1	11/11/2021 15:00	11/12/2021 22:40	J
Fonophos	0.0031 U	mg/Kg	0.035	0.0031	1	11/11/2021 15:00	11/12/2021 22:40	J
Malathion	0.0074 U	mg/Kg	0.035	0.0074	1	11/11/2021 15:00	11/12/2021 22:40	J
Merphos	0.0084 U	mg/Kg	0.035	0.0084	1	11/11/2021 15:00	11/12/2021 22:40	J
Methyl Parathion	0.0035 U	mg/Kg	0.035	0.0035	1	11/11/2021 15:00	11/12/2021 22:40	J
Mevinphos	0.0018 U	mg/Kg	0.035	0.0018	1	11/11/2021 15:00	11/12/2021 22:40	J
Parathion (Ethyl)	0.0032 U	mg/Kg	0.035	0.0032	1	11/11/2021 15:00	11/12/2021 22:40	J
Phorate	0.0033 U	mg/Kg	0.035	0.0033	1	11/11/2021 15:00	11/12/2021 22:40	J
Phosmet	0.0085 U	mg/Kg	0.035	0.0085	1	11/11/2021 15:00	11/12/2021 22:40	J
Ronnel	0.0077 U	mg/Kg	0.035	0.0077	1	11/11/2021 15:00	11/12/2021 22:40	J
Simazine	0.030 U	mg/Kg	0.035	0.030	1	11/11/2021 15:00	11/12/2021 22:40	J
(SM 2540G)								
Percent Moisture	8	%	0.001	0.0010	1	11/17/2021 16:30	11/17/2021 16:30	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/Kg	75	58	78	63 - 130	M
Tetrachloro-m-xylene (S)	ug/Kg	150	92	61	42 - 129	M
2,4-Dichlorophenylacetic acid (S)	ug/Kg	800	870	109	46 - 122	J
Tributylphosphate (S)	ug/Kg	160	180	116	63 - 111	J





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529003 Date Collected: 11/02/2021 10:10 Matrix: Soil
 Sample ID: SS-2-.5 Date Received: 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.42 U	mg/Kg	2.2	0.42	1	11/05/2021 08:37	11/05/2021 20:13	M

SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	0.0088 U	mg/Kg	0.035	0.0088	1	11/11/2021 08:00	11/12/2021 21:14	J
2,4-D	0.022 U	mg/Kg	0.070	0.022	1	11/11/2021 08:00	11/12/2021 21:14	J
2,4-DB	0.035 U	mg/Kg	0.14	0.035	1	11/11/2021 08:00	11/12/2021 21:14	J
Dalapon	0.070 U	mg/Kg	0.28	0.070	1	11/11/2021 08:00	11/12/2021 21:14	J
Dicamba	0.018 U	mg/Kg	0.070	0.018	1	11/11/2021 08:00	11/12/2021 21:14	J
Dichloroprop	0.044 U	mg/Kg	0.18	0.044	1	11/11/2021 08:00	11/12/2021 21:14	J
Dinoseb	0.0088 U	mg/Kg	0.035	0.0088	1	11/11/2021 08:00	11/12/2021 21:14	J
Pentachlorophenol	0.0053 U	mg/Kg	0.021	0.0053	1	11/11/2021 08:00	11/12/2021 21:14	J
Silvex (2,4,5-TP)	0.0088 U	mg/Kg	0.035	0.0088	1	11/11/2021 08:00	11/12/2021 21:14	J

SEMIVOLATILES (SW-846 3550B/EPA 8081)								
4,4'-DDD	0.0011 U	mg/Kg	0.0036	0.0011	1	11/16/2021 07:30	11/18/2021 04:27	M
4,4'-DDE	0.0011 U	mg/Kg	0.0036	0.0011	1	11/16/2021 07:30	11/18/2021 04:27	M
4,4'-DDT	0.0010 U	mg/Kg	0.0036	0.0010	1	11/16/2021 07:30	11/18/2021 04:27	M
Aldrin	0.00040 U	mg/Kg	0.0036	0.00040	1	11/16/2021 07:30	11/18/2021 04:27	M
Chlordane (technical)	0.011 U	mg/Kg	0.036	0.011	1	11/16/2021 07:30	11/18/2021 04:27	M
Dieldrin	0.00087 U	mg/Kg	0.0036	0.00087	1	11/16/2021 07:30	11/18/2021 04:27	M
Endosulfan I	0.00091 U	mg/Kg	0.0036	0.00091	1	11/16/2021 07:30	11/18/2021 04:27	M





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529003 **Date Collected:** 11/02/2021 10:10 **Matrix:** Soil
Sample ID: SS-2-.5 **Date Received:** 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Endosulfan II	0.0011 U	mg/Kg	0.0036	0.0011	1	11/16/2021 07:30	11/18/2021 04:27	M
Endosulfan Sulfate	0.0014 U	mg/Kg	0.0036	0.0014	1	11/16/2021 07:30	11/18/2021 04:27	M
Endrin	0.0010 U	mg/Kg	0.0036	0.0010	1	11/16/2021 07:30	11/18/2021 04:27	M
Endrin Aldehyde	0.00083 U	mg/Kg	0.0036	0.00083	1	11/16/2021 07:30	11/18/2021 04:27	M
Heptachlor	0.00053 U	mg/Kg	0.0036	0.00053	1	11/16/2021 07:30	11/18/2021 04:27	M
Heptachlor Epoxide	0.0043 U	mg/Kg	0.0043	0.0043	1	11/16/2021 07:30	11/18/2021 04:27	M
Methoxychlor	0.00069 U	mg/Kg	0.0036	0.00069	1	11/16/2021 07:30	11/18/2021 04:27	M
Toxaphene	0.012 U	mg/Kg	0.036	0.012	1	11/16/2021 07:30	11/18/2021 04:27	M
alpha-BHC	0.0018 U	mg/Kg	0.0036	0.0018	1	11/16/2021 07:30	11/18/2021 04:27	M
beta-BHC	0.0028 U	mg/Kg	0.0036	0.0028	1	11/16/2021 07:30	11/18/2021 04:27	M
delta-BHC	0.00098 U	mg/Kg	0.0036	0.00098	1	11/16/2021 07:30	11/18/2021 04:27	M
gamma-BHC (Lindane)	0.00089 U	mg/Kg	0.0036	0.00089	1	11/16/2021 07:30	11/18/2021 04:27	M
SEMIVOLATILES (SW-846 3550B/EPA 8141)								
Atrazine	0.013 U	mg/Kg	0.037	0.013	1	11/11/2021 15:00	11/12/2021 23:10	J
Azinphos-methyl	0.013 U	mg/Kg	0.037	0.013	1	11/11/2021 15:00	11/12/2021 23:10	J
Chlorpyrifos	0.0039 U	mg/Kg	0.037	0.0039	1	11/11/2021 15:00	11/12/2021 23:10	J
Chlorpyrifos-methyl	0.0085 U	mg/Kg	0.037	0.0085	1	11/11/2021 15:00	11/12/2021 23:10	J
Demeton	0.0017 U	mg/Kg	0.037	0.0017	1	11/11/2021 15:00	11/12/2021 23:10	J
Diazinon	0.0038 U	mg/Kg	0.037	0.0038	1	11/11/2021 15:00	11/12/2021 23:10	J
Dimethoate	0.0039 U	mg/Kg	0.037	0.0039	1	11/11/2021 15:00	11/12/2021 23:10	J
Disulfoton	0.0076 U	mg/Kg	0.037	0.0076	1	11/11/2021 15:00	11/12/2021 23:10	J
Ethion	0.0042 U	mg/Kg	0.037	0.0042	1	11/11/2021 15:00	11/12/2021 23:10	J
Ethoprop	0.0035 U	mg/Kg	0.037	0.0035	1	11/11/2021 15:00	11/12/2021 23:10	J
Famphur	0.0060 U	mg/Kg	0.037	0.0060	1	11/11/2021 15:00	11/12/2021 23:10	J
Fensulfthion	0.0059 U	mg/Kg	0.037	0.0059	1	11/11/2021 15:00	11/12/2021 23:10	J
Fonophos	0.0033 U	mg/Kg	0.037	0.0033	1	11/11/2021 15:00	11/12/2021 23:10	J

Certificate of Analysis

This report shall not be reproduced, except in full,
 without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Malathion	0.0078 U	mg/Kg	0.037	0.0078	1	11/11/2021 15:00	11/12/2021 23:10	J
Merphos	0.0089 U	mg/Kg	0.037	0.0089	1	11/11/2021 15:00	11/12/2021 23:10	J
Methyl Parathion	0.0038 U	mg/Kg	0.037	0.0038	1	11/11/2021 15:00	11/12/2021 23:10	J
Mevinphos	0.0019 U	mg/Kg	0.037	0.0019	1	11/11/2021 15:00	11/12/2021 23:10	J
Parathion (Ethyl)	0.0034 U	mg/Kg	0.037	0.0034	1	11/11/2021 15:00	11/12/2021 23:10	J
Phorate	0.0035 U	mg/Kg	0.037	0.0035	1	11/11/2021 15:00	11/12/2021 23:10	J
Phosmet	0.0090 U	mg/Kg	0.037	0.0090	1	11/11/2021 15:00	11/12/2021 23:10	J
Ronnel	0.0082 U	mg/Kg	0.037	0.0082	1	11/11/2021 15:00	11/12/2021 23:10	J
Simazine	0.032 U	mg/Kg	0.037	0.032	1	11/11/2021 15:00	11/12/2021 23:10	J
(SM 2540G)								
Percent Moisture	12	%	0.001	0.0010	1	11/17/2021 16:30	11/17/2021 16:30	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/Kg	79	56	71	63 - 130	M
Tetrachloro-m-xylene (S)	ug/Kg	160	86	55	42 - 129	M
2,4-Dichlorophenylacetic acid (S)	ug/Kg	770	920	120	46 - 122	J
Tributylphosphate (S)	ug/Kg	160	170	108	63 - 111	J





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529004 Date Collected: 11/02/2021 10:15 Matrix: Soil
 Sample ID: SS-2-2 Date Received: 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.42 U	mg/Kg	2.2	0.42	1	11/05/2021 08:37	11/05/2021 20:17	M

SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	0.0097 U	mg/Kg	0.039	0.0097	1	11/11/2021 08:00	11/12/2021 21:49	J
2,4-D	0.024 U	mg/Kg	0.078	0.024	1	11/11/2021 08:00	11/12/2021 21:49	J
2,4-DB	0.039 U	mg/Kg	0.16	0.039	1	11/11/2021 08:00	11/12/2021 21:49	J
Dalapon	0.078 U	mg/Kg	0.31	0.078	1	11/11/2021 08:00	11/12/2021 21:49	J
Dicamba	0.019 U	mg/Kg	0.078	0.019	1	11/11/2021 08:00	11/12/2021 21:49	J
Dichloroprop	0.049 U	mg/Kg	0.19	0.049	1	11/11/2021 08:00	11/12/2021 21:49	J
Dinoseb	0.0097 U	mg/Kg	0.039	0.0097	1	11/11/2021 08:00	11/12/2021 21:49	J
Pentachlorophenol	0.0058 U	mg/Kg	0.023	0.0058	1	11/11/2021 08:00	11/12/2021 21:49	J
Silvex (2,4,5-TP)	0.0097 U	mg/Kg	0.039	0.0097	1	11/11/2021 08:00	11/12/2021 21:49	J

SEMIVOLATILES (SW-846 3550B/EPA 8081)								
4,4'-DDD	0.00093 U	mg/Kg	0.0032	0.00093	1	11/16/2021 07:30	11/17/2021 05:32	M
4,4'-DDE	0.00095 U	mg/Kg	0.0032	0.00095	1	11/16/2021 07:30	11/17/2021 05:32	M
4,4'-DDT	0.00090 U	mg/Kg	0.0032	0.00090	1	11/16/2021 07:30	11/17/2021 05:32	M
Aldrin	0.00035 U	mg/Kg	0.0032	0.00035	1	11/16/2021 07:30	11/17/2021 05:32	M
Chlordane (technical)	0.0096 U	mg/Kg	0.032	0.0096	1	11/16/2021 07:30	11/17/2021 05:32	M
Dieldrin	0.00077 U	mg/Kg	0.0032	0.00077	1	11/16/2021 07:30	11/17/2021 05:32	M





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529004 **Date Collected:** 11/02/2021 10:15 **Matrix:** Soil
Sample ID: SS-2-2 **Date Received:** 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Endosulfan I	0.00081 U	mg/Kg	0.0032	0.00081	1	11/16/2021 07:30	11/17/2021 05:32	M
Endosulfan II	0.00095 U	mg/Kg	0.0032	0.00095	1	11/16/2021 07:30	11/17/2021 05:32	M
Endosulfan Sulfate	0.0013 U	mg/Kg	0.0032	0.0013	1	11/16/2021 07:30	11/17/2021 05:32	M
Endrin	0.00089 U	mg/Kg	0.0032	0.00089	1	11/16/2021 07:30	11/17/2021 05:32	M
Endrin Aldehyde	0.00074 U	mg/Kg	0.0032	0.00074	1	11/16/2021 07:30	11/17/2021 05:32	M
Heptachlor	0.00047 U	mg/Kg	0.0032	0.00047	1	11/16/2021 07:30	11/17/2021 05:32	M
Heptachlor Epoxide	0.0038 U	mg/Kg	0.0038	0.0038	1	11/16/2021 07:30	11/17/2021 05:32	M
Methoxychlor	0.00061 U	mg/Kg	0.0032	0.00061	1	11/16/2021 07:30	11/17/2021 05:32	M
Toxaphene	0.010 U	mg/Kg	0.032	0.010	1	11/16/2021 07:30	11/17/2021 05:32	M
alpha-BHC	0.0016 U	mg/Kg	0.0032	0.0016	1	11/16/2021 07:30	11/17/2021 05:32	M
beta-BHC	0.0025 U	mg/Kg	0.0032	0.0025	1	11/16/2021 07:30	11/17/2021 05:32	M
delta-BHC	0.00087 U	mg/Kg	0.0032	0.00087	1	11/16/2021 07:30	11/17/2021 05:32	M
gamma-BHC (Lindane)	0.00079 U	mg/Kg	0.0032	0.00079	1	11/16/2021 07:30	11/17/2021 05:32	M
SEMIVOLATILES (SW-846 3550B/EPA 8141)								
Atrazine	0.013 U	mg/Kg	0.037	0.013	1	11/11/2021 15:00	11/12/2021 23:41	J
Azinphos-methyl	0.013 U	mg/Kg	0.037	0.013	1	11/11/2021 15:00	11/12/2021 23:41	J
Chlorpyrifos	0.0040 U	mg/Kg	0.037	0.0040	1	11/11/2021 15:00	11/12/2021 23:41	J
Chlorpyrifos-methyl	0.0086 U	mg/Kg	0.037	0.0086	1	11/11/2021 15:00	11/12/2021 23:41	J
Demeton	0.0017 U	mg/Kg	0.037	0.0017	1	11/11/2021 15:00	11/12/2021 23:41	J
Diazinon	0.0039 U	mg/Kg	0.037	0.0039	1	11/11/2021 15:00	11/12/2021 23:41	J
Dimethoate	0.0039 U	mg/Kg	0.037	0.0039	1	11/11/2021 15:00	11/12/2021 23:41	J
Disulfoton	0.0076 U	mg/Kg	0.037	0.0076	1	11/11/2021 15:00	11/12/2021 23:41	J
Ethion	0.0042 U	mg/Kg	0.037	0.0042	1	11/11/2021 15:00	11/12/2021 23:41	J
Ethoprop	0.0035 U	mg/Kg	0.037	0.0035	1	11/11/2021 15:00	11/12/2021 23:41	J
Famphur	0.0060 U	mg/Kg	0.037	0.0060	1	11/11/2021 15:00	11/12/2021 23:41	J





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: A2109529004			Date Collected: 11/02/2021 10:15			Matrix: Soil		
Sample ID: SS-2-2			Date Received: 11/02/2021 13:40					
Fensulfothion	0.0060 U	mg/Kg	0.037	0.0060	1	11/11/2021 15:00	11/12/2021 23:41	J
Fonophos	0.0033 U	mg/Kg	0.037	0.0033	1	11/11/2021 15:00	11/12/2021 23:41	J
Malathion	0.0079 U	mg/Kg	0.037	0.0079	1	11/11/2021 15:00	11/12/2021 23:41	J
Merphos	0.0090 U	mg/Kg	0.037	0.0090	1	11/11/2021 15:00	11/12/2021 23:41	J
Methyl Parathion	0.0038 U	mg/Kg	0.037	0.0038	1	11/11/2021 15:00	11/12/2021 23:41	J
Mevinphos	0.0019 U	mg/Kg	0.037	0.0019	1	11/11/2021 15:00	11/12/2021 23:41	J
Parathion (Ethyl)	0.0035 U	mg/Kg	0.037	0.0035	1	11/11/2021 15:00	11/12/2021 23:41	J
Phorate	0.0035 U	mg/Kg	0.037	0.0035	1	11/11/2021 15:00	11/12/2021 23:41	J
Phosmet	0.0091 U	mg/Kg	0.037	0.0091	1	11/11/2021 15:00	11/12/2021 23:41	J
Ronnel	0.0083 U	mg/Kg	0.037	0.0083	1	11/11/2021 15:00	11/12/2021 23:41	J
Simazine	0.032 U	mg/Kg	0.037	0.032	1	11/11/2021 15:00	11/12/2021 23:41	J
(SM 2540G)								
Percent Moisture	11	%	0.001	0.0010	1	11/17/2021 16:30	11/17/2021 16:30	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/Kg	72	81	113	63 - 130	M
Tetrachloro-m-xylene (S)	ug/Kg	140	81	56	42 - 129	M
2,4-Dichlorophenylacetic acid (S)	ug/Kg	870	1000	116	46 - 122	J
Tributylphosphate (S)	ug/Kg	170	180	111	63 - 111	J





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529005 Date Collected: 11/02/2021 10:20 Matrix: Soil
 Sample ID: SS-3-.5 Date Received: 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.41 U	mg/Kg	2.2	0.41	1	11/05/2021 08:37	11/05/2021 20:20	M

SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	0.0095 U	mg/Kg	0.038	0.0095	1	11/11/2021 08:00	11/13/2021 01:49	J
2,4-D	0.024 U	mg/Kg	0.076	0.024	1	11/11/2021 08:00	11/13/2021 01:49	J
2,4-DB	0.038 U	mg/Kg	0.15	0.038	1	11/11/2021 08:00	11/13/2021 01:49	J
Dalapon	0.076 U	mg/Kg	0.30	0.076	1	11/11/2021 08:00	11/13/2021 01:49	J
Dicamba	0.019 U	mg/Kg	0.076	0.019	1	11/11/2021 08:00	11/13/2021 01:49	J
Dichloroprop	0.047 U	mg/Kg	0.19	0.047	1	11/11/2021 08:00	11/13/2021 01:49	J
Dinoseb	0.0095 U	mg/Kg	0.038	0.0095	1	11/11/2021 08:00	11/13/2021 01:49	J
Pentachlorophenol	0.0057 U	mg/Kg	0.023	0.0057	1	11/11/2021 08:00	11/13/2021 01:49	J
Silvex (2,4,5-TP)	0.0095 U	mg/Kg	0.038	0.0095	1	11/11/2021 08:00	11/13/2021 01:49	J

SEMIVOLATILES (SW-846 3550B/EPA 8081)									
4,4'-DDD	0.00095 U	mg/Kg	0.0033	0.00095	5	1	11/16/2021 07:30	11/17/2021 05:54	M
4,4'-DDE	0.00096 U	mg/Kg	0.0033	0.00096	6	1	11/16/2021 07:30	11/17/2021 05:54	M
4,4'-DDT	0.00091 U	mg/Kg	0.0033	0.00091	1	1	11/16/2021 07:30	11/17/2021 05:54	M
Aldrin	0.00036 U	mg/Kg	0.0033	0.00036	6	1	11/16/2021 07:30	11/17/2021 05:54	M
Chlordane (technical)	0.0097 U	mg/Kg	0.033	0.0097	1	1	11/16/2021 07:30	11/17/2021 05:54	M
Dieldrin	0.00078 U	mg/Kg	0.0033	0.00078	8	1	11/16/2021 07:30	11/17/2021 05:54	M





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529005 **Date Collected:** 11/02/2021 10:20 **Matrix:** Soil
Sample ID: SS-3-.5 **Date Received:** 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Endosulfan I	0.00081 U	mg/Kg	0.0033	0.00081	1	11/16/2021 07:30	11/17/2021 05:54	M
Endosulfan II	0.00096 U	mg/Kg	0.0033	0.00096	1	11/16/2021 07:30	11/17/2021 05:54	M
Endosulfan Sulfate	0.0013 U	mg/Kg	0.0033	0.0013	1	11/16/2021 07:30	11/17/2021 05:54	M
Endrin	0.00090 U	mg/Kg	0.0033	0.00090	1	11/16/2021 07:30	11/17/2021 05:54	M
Endrin Aldehyde	0.00075 U	mg/Kg	0.0033	0.00075	1	11/16/2021 07:30	11/17/2021 05:54	M
Heptachlor	0.00047 U	mg/Kg	0.0033	0.00047	1	11/16/2021 07:30	11/17/2021 05:54	M
Heptachlor Epoxide	0.0038 U	mg/Kg	0.0038	0.0038	1	11/16/2021 07:30	11/17/2021 05:54	M
Methoxychlor	0.00062 U	mg/Kg	0.0033	0.00062	1	11/16/2021 07:30	11/17/2021 05:54	M
Toxaphene	0.010 U	mg/Kg	0.033	0.010	1	11/16/2021 07:30	11/17/2021 05:54	M
alpha-BHC	0.0016 U	mg/Kg	0.0033	0.0016	1	11/16/2021 07:30	11/17/2021 05:54	M
beta-BHC	0.0025 U	mg/Kg	0.0033	0.0025	1	11/16/2021 07:30	11/17/2021 05:54	M
delta-BHC	0.00088 U	mg/Kg	0.0033	0.00088	1	11/16/2021 07:30	11/17/2021 05:54	M
gamma-BHC (Lindane)	0.00080 U	mg/Kg	0.0033	0.00080	1	11/16/2021 07:30	11/17/2021 05:54	M
SEMIVOLATILES (SW-846 3550B/EPA 8141)								
Atrazine	0.012 U	mg/Kg	0.034	0.012	1	11/11/2021 15:00	11/13/2021 00:11	J
Azinphos-methyl	0.012 U	mg/Kg	0.034	0.012	1	11/11/2021 15:00	11/13/2021 00:11	J
Chlorpyrifos	0.0036 U	mg/Kg	0.034	0.0036	1	11/11/2021 15:00	11/13/2021 00:11	J
Chlorpyrifos-methyl	0.0078 U	mg/Kg	0.034	0.0078	1	11/11/2021 15:00	11/13/2021 00:11	J
Demeton	0.0016 U	mg/Kg	0.034	0.0016	1	11/11/2021 15:00	11/13/2021 00:11	J
Diazinon	0.0035 U	mg/Kg	0.034	0.0035	1	11/11/2021 15:00	11/13/2021 00:11	J
Dimethoate	0.0036 U	mg/Kg	0.034	0.0036	1	11/11/2021 15:00	11/13/2021 00:11	J
Disulfoton	0.0069 U	mg/Kg	0.034	0.0069	1	11/11/2021 15:00	11/13/2021 00:11	J
Ethion	0.0039 U	mg/Kg	0.034	0.0039	1	11/11/2021 15:00	11/13/2021 00:11	J
Ethoprop	0.0032 U	mg/Kg	0.034	0.0032	1	11/11/2021 15:00	11/13/2021 00:11	J
Famphur	0.0055 U	mg/Kg	0.034	0.0055	1	11/11/2021 15:00	11/13/2021 00:11	J





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Lab ID: A2109529005 Date Collected: 11/02/2021 10:20 Matrix: Soil Sample ID: SS-3-.5 Date Received: 11/02/2021 13:40								
Fensulfothion	0.0055 U	mg/Kg	0.034	0.0055	1	11/11/2021 15:00	11/13/2021 00:11	J
Fonophos	0.0030 U	mg/Kg	0.034	0.0030	1	11/11/2021 15:00	11/13/2021 00:11	J
Malathion	0.0072 U	mg/Kg	0.034	0.0072	1	11/11/2021 15:00	11/13/2021 00:11	J
Merphos	0.0081 U	mg/Kg	0.034	0.0081	1	11/11/2021 15:00	11/13/2021 00:11	J
Methyl Parathion	0.0034 U	mg/Kg	0.034	0.0034	1	11/11/2021 15:00	11/13/2021 00:11	J
Mevinphos	0.0017 U	mg/Kg	0.034	0.0017	1	11/11/2021 15:00	11/13/2021 00:11	J
Parathion (Ethyl)	0.0032 U	mg/Kg	0.034	0.0032	1	11/11/2021 15:00	11/13/2021 00:11	J
Phorate	0.0032 U	mg/Kg	0.034	0.0032	1	11/11/2021 15:00	11/13/2021 00:11	J
Phosmet	0.0083 U	mg/Kg	0.034	0.0083	1	11/11/2021 15:00	11/13/2021 00:11	J
Ronnel	0.0075 U	mg/Kg	0.034	0.0075	1	11/11/2021 15:00	11/13/2021 00:11	J
Simazine	0.029 U	mg/Kg	0.034	0.029	1	11/11/2021 15:00	11/13/2021 00:11	J
(SM 2540G)								
Percent Moisture	8	%	0.001	0.0010	1	11/17/2021 16:30	11/17/2021 16:30	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/Kg	75	82	109	63 - 130	M
Tetrachloro-m-xylene (S)	ug/Kg	150	100	67	42 - 129	M
2,4-Dichlorophenylacetic acid (S)	ug/Kg	870	1100	121	46 - 122	J
Tributylphosphate (S)	ug/Kg	160	170	109	63 - 111	J





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Lab ID: A2109529006 Date Collected: 11/02/2021 10:25 Matrix: Soil
 Sample ID: SS-3-2 Date Received: 11/02/2021 13:40

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
METALS (SW-846 3050B/SW-846 6010)								
Arsenic	0.49 U	mg/Kg	2.6	0.49	1	11/05/2021 08:37	11/05/2021 20:24	M

SEMIVOLATILES (8151/EPA 8151)								
2,4,5-T	0.011 U	mg/Kg	0.044	0.011	1	11/11/2021 08:00	11/13/2021 02:23	J
2,4-D	0.028 U	mg/Kg	0.089	0.028	1	11/11/2021 08:00	11/13/2021 02:23	J
2,4-DB	0.044 U	mg/Kg	0.18	0.044	1	11/11/2021 08:00	11/13/2021 02:23	J
Dalapon	0.089 U	mg/Kg	0.36	0.089	1	11/11/2021 08:00	11/13/2021 02:23	J
Dicamba	0.022 U	mg/Kg	0.089	0.022	1	11/11/2021 08:00	11/13/2021 02:23	J
Dichloroprop	0.056 U	mg/Kg	0.22	0.056	1	11/11/2021 08:00	11/13/2021 02:23	J
Dinoseb	0.011 U	mg/Kg	0.044	0.011	1	11/11/2021 08:00	11/13/2021 02:23	J
Pentachlorophenol	0.0067 U	mg/Kg	0.027	0.0067	1	11/11/2021 08:00	11/13/2021 02:23	J
Silvex (2,4,5-TP)	0.011 U	mg/Kg	0.044	0.011	1	11/11/2021 08:00	11/13/2021 02:23	J

SEMIVOLATILES (SW-846 3550B/EPA 8081)								
4,4'-DDD	0.0011 U	mg/Kg	0.0039	0.0011	1	11/11/2021 07:30	11/12/2021 07:23	M
4,4'-DDE	0.0011 U	mg/Kg	0.0039	0.0011	1	11/11/2021 07:30	11/12/2021 07:23	M
4,4'-DDT	0.0011 U	mg/Kg	0.0039	0.0011	1	11/11/2021 07:30	11/12/2021 07:23	M
Aldrin	0.00043 U	mg/Kg	0.0039	0.00043	1	11/11/2021 07:30	11/12/2021 07:23	M
Chlordane (technical)	0.012 U	mg/Kg	0.039	0.012	1	11/11/2021 07:30	11/12/2021 07:23	M
Dieldrin	0.00093 U	mg/Kg	0.0039	0.00093	1	11/11/2021 07:30	11/12/2021 07:23	M
Endosulfan I	0.00097 U	mg/Kg	0.0039	0.00097	1	11/11/2021 07:30	11/12/2021 07:23	M





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Endosulfan II	0.0011 U	mg/Kg	0.0039	0.0011	1	11/11/2021 07:30	11/12/2021 07:23	M
Endosulfan Sulfate	0.0015 U	mg/Kg	0.0039	0.0015	1	11/11/2021 07:30	11/12/2021 07:23	M
Endrin	0.0011 U	mg/Kg	0.0039	0.0011	1	11/11/2021 07:30	11/12/2021 07:23	M
Endrin Aldehyde	0.00089 U	mg/Kg	0.0039	0.00089	1	11/11/2021 07:30	11/12/2021 07:23	M
Heptachlor	0.00056 U	mg/Kg	0.0039	0.00056	1	11/11/2021 07:30	11/12/2021 07:23	M
Heptachlor Epoxide	0.0046 U	mg/Kg	0.0046	0.0046	1	11/11/2021 07:30	11/12/2021 07:23	M
Methoxychlor	0.00074 U	mg/Kg	0.0039	0.00074	1	11/11/2021 07:30	11/12/2021 07:23	M
Toxaphene	0.012 U	mg/Kg	0.039	0.012	1	11/11/2021 07:30	11/12/2021 07:23	M
alpha-BHC	0.0020 U	mg/Kg	0.0039	0.0020	1	11/11/2021 07:30	11/12/2021 07:23	M
beta-BHC	0.0030 U	mg/Kg	0.0039	0.0030	1	11/11/2021 07:30	11/12/2021 07:23	M
delta-BHC	0.0010 U	mg/Kg	0.0039	0.0010	1	11/11/2021 07:30	11/12/2021 07:23	M
gamma-BHC (Lindane)	0.00095 U	mg/Kg	0.0039	0.00095	1	11/11/2021 07:30	11/12/2021 07:23	M
SEMIVOLATILES (SW-846 3550B/EPA 8141)								
Atrazine	0.015 U	mg/Kg	0.043	0.015	1	11/11/2021 15:00	11/13/2021 00:41	J
Azinphos-methyl	0.015 U	mg/Kg	0.043	0.015	1	11/11/2021 15:00	11/13/2021 00:41	J
Chlorpyrifos	0.0046 U	mg/Kg	0.043	0.0046	1	11/11/2021 15:00	11/13/2021 00:41	J
Chlorpyrifos-methyl	0.0099 U	mg/Kg	0.043	0.0099	1	11/11/2021 15:00	11/13/2021 00:41	J
Demeton	0.0020 U	mg/Kg	0.043	0.0020	1	11/11/2021 15:00	11/13/2021 00:41	J
Diazinon	0.0044 U	mg/Kg	0.043	0.0044	1	11/11/2021 15:00	11/13/2021 00:41	J
Dimethoate	0.0045 U	mg/Kg	0.043	0.0045	1	11/11/2021 15:00	11/13/2021 00:41	J
Disulfoton	0.0088 U	mg/Kg	0.043	0.0088	1	11/11/2021 15:00	11/13/2021 00:41	J
Ethion	0.0049 U	mg/Kg	0.043	0.0049	1	11/11/2021 15:00	11/13/2021 00:41	J
Ethoprop	0.0041 U	mg/Kg	0.043	0.0041	1	11/11/2021 15:00	11/13/2021 00:41	J
Famphur	0.0069 U	mg/Kg	0.043	0.0069	1	11/11/2021 15:00	11/13/2021 00:41	J
Fensulfothion	0.0069 U	mg/Kg	0.043	0.0069	1	11/11/2021 15:00	11/13/2021 00:41	J
Fonophos	0.0038 U	mg/Kg	0.043	0.0038	1	11/11/2021 15:00	11/13/2021 00:41	J

Certificate of Analysis

This report shall not be reproduced, except in full,
 without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: 4511E (A2109529)

Analytical Results

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
Malathion	0.0091 U	mg/Kg	0.043	0.0091	1	11/11/2021 15:00	11/13/2021 00:41	J
Merphos	0.010 U	mg/Kg	0.043	0.010	1	11/11/2021 15:00	11/13/2021 00:41	J
Methyl Parathion	0.0043 U	mg/Kg	0.043	0.0043	1	11/11/2021 15:00	11/13/2021 00:41	J
Mevinphos	0.0022 U	mg/Kg	0.043	0.0022	1	11/11/2021 15:00	11/13/2021 00:41	J
Parathion (Ethyl)	0.0040 U	mg/Kg	0.043	0.0040	1	11/11/2021 15:00	11/13/2021 00:41	J
Phorate	0.0040 U	mg/Kg	0.043	0.0040	1	11/11/2021 15:00	11/13/2021 00:41	J
Phosmet	0.010 U	mg/Kg	0.043	0.010	1	11/11/2021 15:00	11/13/2021 00:41	J
Ronnel	0.0095 U	mg/Kg	0.043	0.0095	1	11/11/2021 15:00	11/13/2021 00:41	J
Simazine	0.037 U	mg/Kg	0.043	0.037	1	11/11/2021 15:00	11/13/2021 00:41	J
(SM 2540G)								
Percent Moisture	25	%	0.001	0.0010	1	11/17/2021 16:30	11/17/2021 16:30	M

Surrogates

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Decachlorobiphenyl (S)	ug/Kg	73	67	92	63 - 130	M
Tetrachloro-m-xylene (S)	ug/Kg	150	120	80	42 - 129	M
2,4-Dichlorophenylacetic acid (S)	ug/Kg	830	970	117	46 - 122	J
Tributylphosphate (S)	ug/Kg	160	180	113	63 - 111	J





FINAL

Workorder: 4511E (A2109529)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAj/1288 - SW-846 7471A			
A2109529001	SS-1-.5	DGMj/2336	SW-846 7471A
A2109529002	SS-1-2	DGMj/2336	SW-846 7471A
A2109529003	SS-2-.5	DGMj/2336	SW-846 7471A
A2109529004	SS-2-2	DGMj/2336	SW-846 7471A
A2109529005	SS-3-.5	DGMj/2336	SW-846 7471A
A2109529006	SS-3-2	DGMj/2336	SW-846 7471A
GCSj/2345 - EPA 8141			
A2109529001	SS-1-.5	EXTj/2868	SW-846 3550B
A2109529002	SS-1-2	EXTj/2868	SW-846 3550B
A2109529003	SS-2-.5	EXTj/2868	SW-846 3550B
A2109529004	SS-2-2	EXTj/2868	SW-846 3550B
A2109529005	SS-3-.5	EXTj/2868	SW-846 3550B
A2109529006	SS-3-2	EXTj/2868	SW-846 3550B
GCSj/2353 - EPA 8151			
A2109529001	SS-1-.5	EXTj/2857	8151
A2109529002	SS-1-2	EXTj/2857	8151
A2109529003	SS-2-.5	EXTj/2857	8151
A2109529004	SS-2-2	EXTj/2857	8151
A2109529005	SS-3-.5	EXTj/2857	8151
A2109529006	SS-3-2	EXTj/2857	8151
GCSm/1686 - EPA 8081			
A2109529001	SS-1-.5	EXTm/2140	SW-846 3550B
A2109529006	SS-3-2	EXTm/2140	SW-846 3550B
GCSm/1697 - EPA 8081			
A2109529002	SS-1-2	EXTm/2159	SW-846 3550B
A2109529003	SS-2-.5	EXTm/2159	SW-846 3550B
A2109529004	SS-2-2	EXTm/2159	SW-846 3550B
A2109529005	SS-3-.5	EXTm/2159	SW-846 3550B





FINAL

Workorder: 4511E (A2109529)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
ICPm/1914 - SW-846 6010			
A2109529001	SS-1-.5	DGMm/1934	SW-846 3050B
A2109529002	SS-1-2	DGMm/1934	SW-846 3050B
A2109529003	SS-2-.5	DGMm/1934	SW-846 3050B
A2109529004	SS-2-2	DGMm/1934	SW-846 3050B
A2109529005	SS-3-.5	DGMm/1934	SW-846 3050B
A2109529006	SS-3-2	DGMm/1934	SW-846 3050B
WCAm/4633 - SM 2540G			
A2109529001	SS-1-.5		
A2109529002	SS-1-2		
A2109529003	SS-2-.5		
A2109529004	SS-2-2		
A2109529005	SS-3-.5		
A2109529006	SS-3-2		

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
 380 North Lake Blvd., Suite 1048 Altamonte Springs, FL
 Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
 Phone: (407) 937-1594
 Fax: (407) 937-1597

FINAL

Workorder: 4511E (A2109529)



Advanced Environmental Laboratories, Inc.

Altamonte Springs: 380 North Lake Blvd., Ste. 1048, FL 32701 • (407) 937-1594 • Lab ID: E53076
 Fort Myers: 13110 Westpark Terrace, Ste. 10, FL 33913 • 239.674.8100 • Lab ID: E54492
 Jacksonville: 6641 Southpoint Pkwy., FL 32216 • 904.363.9399 • Lab ID: E55719
 Tallahassee: 2039 North Monroe St., Suite D, FL 32303 • 904.219.6274 • Lab ID: E51195

Gainesville: 4955 SW 41st Blvd., FL 32608 • 352.377.2299 • Lab ID: E52001
 Miramar
 Tampa

Page 1 of 1



Client Name: GEC		Project Name: M/19/600 Road					
Address: 919 E Lane Baldwin Dr.		Project Number: 4511E					
Phone: 407-898-1818		FDEP Facility No:					
FAX: 407-898-1818		FDEP Facility Add:					
Contact: Richard M.		Special Instructions:					
Sampled By: BMH		Turn Around Time: Standard <input checked="" type="checkbox"/> Rush					
AEL Profile #: 27052		ADAPT: <input checked="" type="checkbox"/> Grab <input checked="" type="checkbox"/> EQUUS					
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE TIME	MATRIX	NO. COUNT	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE
SS-1	SS-1-0.5	G	11/2 10:00	SC	2	As	
SS-1	SS-1-2	C	11/2 10:05	SC	2	8081	
SS-2	SS-2-0.5	G	11/2 10:10	SC	2	8141	
SS-2	SS-2-2	C	11/2 10:15	SC	2	8151	
SS-3	SS-3-0.5	G	11/2 10:20	SC	2		
SS-3	SS-3-2	C	11/2 10:25	SC	2		

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
 Received on Ice: Yes No Temp taken from sample Temp from blank Where required, pH checked
 DCCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle in temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A
 Requisitioned by: **MegaGunn** Date: **11/2/21** Time: **11:20** Received by: **Jessica Phillips** Date: **11-2-21** Time: **13:40**

FOR DRINKING WATER USE:
 (When PWS information not otherwise supplied) PWS ID: _____
 Contact Person: _____
 Supplier of Water: _____
 Site Address: _____

LABORATORY I.D. NUMBER

