

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TECHNICAL REPORT COVERSHEET

650-050-38
ENVIRONMENTAL
MANAGEMENT
08/22

Level II Contamination Screening Evaluation Report

Florida Department of Transportation

District One

SR 739 (Metro Parkway) PD&E Re-evaluation

Limits of Project: SR 739 (Metro Parkway) at Daniels Parkway Intersection

Lee, Florida

Financial Management Number: 431334-2

ETDM Number: N/A

Date: July 2023

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

TIERRA

April 14, 2021

Comprehensive Engineering Services, Inc.
201 South Orange Avenue, Suite 1300
Orlando, Florida 32801

Attn: John F. Petrosillo, P.E.
Telephone (407) 426-1600
jpetrosillo@cescivil.com

RE: Level II Contamination Report
SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue
Lee County, Florida
FPID: 431334-1-32-01
Tierra Project No: 6511-13-078E

Mr. Petrosillo:

Tierra, Inc. has completed the Level II testing at the above-referenced project in accordance with the approved Level II Scope of Services dated December 16, 2020. This report presents the testing results and provides recommendations for further evaluation.

The Level II scope was developed after the Level I reports were finalized. The final Level I Contamination Screening Evaluation Reports (CSERs) were issued for potential drainage locations in January 2020 and for the mainline roadway in June 2020. The District Contamination Impact Coordinator reviewed both reports and approved the final risk ratings.

Potential pond site alternatives were evaluated and assigned a risk rating consistent with their degree of contamination involvement in accordance with the FDOT's contamination rating system. Consistent with Chapter 20, only the Medium or High rated preferred or "final" pond sites are considered for Level II testing. Final ponds 2C and 1D were rated Low and No, respectively, and therefore no Level II testing was recommended or performed.

The mainline roadway CSER identified four Medium and three High rated contamination sites as follows (site number references are consistent with the Level I report):

The Medium rated sites are:

- Site #2: 7-Eleven Food Store, 6100 Daniels Parkway, Fort Myers,
- Site #10: Sunshine Food Mart, 13031 Metro Parkway, Fort Myers,
- Site #32: Circle K/Superamerica, 12251 Metro Parkway, Fort Myers, and
- Site #72: 7-Eleven Food Store, 2980 Colonial Boulevard, Fort Myers.

The High rated sites are:

- Site #33: 7-Eleven Food Store, 12210 Metro Parkway, Fort Myers,
- Site #67: Circle K, 10800 Metro Parkway, Fort Myers, and
- Site #75: Hi-Tech Cleaners, 3940 Metro Parkway, Fort Myers.

The Level II testing for these sites is presented in the following section.

Contamination Exploration Program

Tierra completed Level II field and laboratory testing for seven sites that were rated Medium or High for contamination involvement with the project. At each site (except Site #75: Hi-Tech Cleaners), soil borings were performed to enable the collection of soil samples for field testing. These soil samples were tested using an Organic Vapor Analyzer (OVA), which is a useful screening tool in the identification of likely contamination "hot spots" for volatile compounds.

To confirm the OVA field data, samples were retained for laboratory testing. Confirmation soil samples were analyzed at PACE Analytical Services, LLC (National Environmental Laboratory Accreditation #E83079).

Select borings were converted to temporary monitoring wells to facilitate the collection of groundwater samples for laboratory analysis. The wells were installed using direct push technology (Geoprobe®) into the surficial aquifer by a licensed well driller. All downhole equipment was decontaminated prior to arrival on-site and between boring locations to minimize potential cross-contamination. Upon completion of the groundwater sampling, the wells were properly abandoned by the licensed well driller using approved methodology. Well permits were authorized by Lee County and can be found in the appendices of this report.

Equipment decontamination, sample collection, field documentation, sample custody, and laboratory analyses were performed in general accordance with the latest version of the Florida Department of Environmental Protection's Standard Operating Procedures (DEP-SOP-001/01). All field services were either performed or supervised by Tierra personnel.

Petroleum-related Sites and Findings

The scope of work at the six sites listed below was performed to evaluate the presence of contamination related to petroleum discharges associated with gas stations and underground storage tanks. Specific details for each site are provided below.

SITE NAME	ADDRESS	COMMENTS	SOIL BORING(S)	TEMPORARY MONITORING WELL(S)
Site #2 7-Eleven Food Store #32781 "Medium" Rating Facility ID# 9801877	6100 Daniels Parkway	This active 7-Eleven gas station currently maintains two underground storage tanks (USTs) totaling 25,000-gallons of petroleum product storage capacity. One discharge was reported in November 2006 that received a Site Rehabilitation Completion Order (SRCO) in October 2007. Groundwater depth was measured from 7 to 10 feet with a southeastern flow, towards the project corridor. This facility is an operational retail fuel station adjoining the mainline. Additionally, right-of-way acquisition is planned for the east side of the property.	SB-1 SB-2 SB-3	TMW-1
Site #10 Sunshine Food Mart #370 "Medium" Rating Facility ID# 9800002	13031 Metro Parkway	This facility currently maintains two 20,000-gallon unleaded gasoline USTs, located approximately 140 feet east of the right-of-way. No discharges have been documented. This facility is an operational retail fuel station adjoining the mainline.	SB-4 SB-5 SB-6	TMW-2

SITE NAME	ADDRESS	COMMENTS	SOIL BORING(S)	TEMPORARY MONITORING WELL(S)
Site #32 Circle K/Superamerica "Medium" Rating Facility ID# 9200747	12251 Metro Parkway	This active facility currently maintains multiple USTs containing unleaded gas and vehicular diesel. Discharges were reported in September 2001, October 2003, October 2005, and October 2012. SRCOs were approved for all reported discharges. Groundwater depth was measured from 4 to 5 feet with a southwestern flow, towards the project corridor. A well abandonment report dated November 2013 indicated all on-site monitor wells have been abandoned. This facility is an operational retail fuel station adjoining the mainline.	SB-7 SB-8 SB-9	TMW-3
Site #33 7-Eleven Food Store #27123 "High" Rating Facility ID# 9047461	12210 Metro Parkway	During the Level I site reconnaissance, this site was observed as an unpaved parking area. A discharge notification form was submitted in June 1987 due to groundwater contamination reported for a proposed 7-Eleven store, which was denied eligibility under the Early Detection Incentive (EDI) program. A SuperAct survey form dated October 2001 stated "...this is just an empty lot. No tanks have ever been installed." Review of historical aerial photographs do not show structures or any type of development at this property. No other documentation of cleanup efforts or contamination assessment reports were found. This facility is adjacent to the right-of-way and no assessment information is available to determine the extent of contamination. Right-of-way acquisition is planned for the east and south sides of the site. Level II testing was performed based on the potential for undocumented impacts to exist in the FDOT's right-of-way, possible NPDES dewatering implications, and the need for contamination support during construction.	SB-10 SB-11 SB-12	TMW-4
Site #67 Circle K #7468 "High" Rating Facility ID# 85191000	10800 Metro Parkway	This active facility currently maintains three USTs (unleaded gasoline and diesel). One discharge was documented in November 1988. A Low-Scored Site Initiative (LSSI) No Further Action Order & Notice of Contamination report dated July 2012 indicated that no excessively contaminated soils, as defined by FDEP rule, exists on the source property. A minimum of six months of groundwater monitoring has indicated the contamination plume is shrinking or stable. The area of groundwater containing the petroleum products' contaminants of concern is less than one-quarter acre and is confined to the source property. Groundwater flow was documented to the west/northwest, away from the project corridor with groundwater elevation ranging from 5.5 to 6.5 feet below land surface. Residual groundwater contamination remains on-site and Level II testing was performed to evaluate if impacts may have migrated off-site undetected into the FDOT's right-of-way.	SB-13 SB-14 SB-15	TMW-5
Site #72 7-Eleven Food Store #32312 "Medium" Rating Facility ID# 9701065	2980 Colonial Boulevard	This active facility currently maintains four 10,000-gallon unleaded gasoline USTs and reportedly a diesel AST. One discharge was reported in September 2007. An SRCO was approved in September 2008. Groundwater depth in 2007 was measured from 4 to 5 feet with a southeastern flow, towards the project corridor. Level II testing was performed since this facility is an operational retail fuel station and right-of-way acquisition is planned for the east side of this site.	SB-16 SB-17 SB-18	TMW-6

Tierra performed three soil borings at each site (SB-1 through SB-18) to depths ranging from 2 to 10 feet below existing grade. Boring and well locations are illustrated in **Attachment A**. Soil samples were collected from the borings at 1-foot intervals for field screening with an OVA until at least 1 foot beyond the surficial groundwater table elevation or refusal.

One soil sample was retained from each site for laboratory analysis from the boring interval with the highest OVA response. In the absence of significant OVA readings, the soil sample was collected from the boring interval most likely to detect soil contamination based on site features and research information (such as proximity to historical discharge or USTs).

Temporary monitoring wells TMW-1 through TMW-6 were installed at the location of the highest OVA reading or as determined in the field to be most likely to detect groundwater contamination. Groundwater samples were collected from each well for laboratory analysis. The wells were installed to depths ranging from 4.7 to 8 feet below existing grade.

Soil and groundwater samples were analyzed at the laboratory for benzene, toluene, ethylbenzene, total xylenes, methyl-tert-butyl-ether (BTEX/MTBE) by EPA Method 8260, polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270, and total recoverable petroleum hydrocarbons (TRPH) by the FL-PRO Method. Field and laboratory data produced during this project has been summarized in tabular form and is presented in **Attachment B**. Field forms are provided in **Attachment C**.

The laboratory analytical results for the soil and groundwater samples were compared to the Cleanup Target Levels (CTLs) of Chapter 62-777, Florida Administrative Code (F.A.C.). **None of the sample results exceeded any CTLs.** Complete copies of the laboratory analytical reports are included in **Attachment D**.

Drycleaner Site and Findings

The scope of work at the seventh site listed below was performed to evaluate the presence of contamination related to a former drycleaning operation. Specific details for each site are provided below.

SITE NAME	ADDRESS	COMMENTS	SOIL BORING(S)	TEMPORARY MONITORING WELL(S)
Site #75 Hi-Tech Cleaners "High" Rating Facility ID# 9500936; FLD 982170284; FLR 000014837	3940 Metro Parkway	This facility is on the Voluntary Cleanup List. A soil sample collected next to the drycleaning machine in 1998 was contaminated with tetrachloroethene at a concentration of 98 µg/kg. No subsequent sampling events have been performed. The soil contamination is several hundred feet from the project corridor. The status of any associated groundwater contamination is unknown. The FDEP recognizes this site as "contaminated" which may impact NPDES dewatering efforts within five hundred feet of the property. Level II testing was completed to evaluate shallow groundwater conditions near the dry cleaning facility in consideration of potential NPDES permitting.	SB-19 SB-20 SB-21	TMW-7

Soil sample were not collected at Site #75 for field or laboratory testing since this site is located at a distance from the project corridor and soil construction impacts to soil near this site is not

anticipated. To evaluate the groundwater conditions, one temporary monitoring well was installed to facilitate the collection of groundwater samples for laboratory analysis. The well was installed in a position between the drycleaning facility and the project corridor. Two additional wells were attempted at the locations of soil borings SB-20 and SB-21. The wells were unable to be installed due to subsurface obstructions and the proximity to several utility lines. Boring and well locations are illustrated in **Attachment A**.

The groundwater samples were analyzed at the laboratory for volatile organic compounds (VOCs) by EPA Method 8260. Laboratory data produced during this project has been summarized in tabular form and is presented in **Attachment B**. Field forms are provided in **Attachment C**.

The laboratory analytical results for the groundwater samples were compared to the Groundwater Cleanup Target Levels (GCTLs) of Chapter 62-777, F.A.C. **Contaminant concentrations were not detected above the GCTLs**. Complete copies of the laboratory analytical reports are included in **Attachment D**.

Conclusions and Recommendations

A thorough field and laboratory investigation was performed to determine contamination involvement with seven nearby contamination sites. At some of these sites [three 7-Eleven stores (Site #2, #33, and #72)], right-of-way acquisition is proposed and samples were strategically placed within the area of acquisition. Contamination was not detected in any soil or groundwater samples above the regulatory limits within existing or proposed right-of-way. Wide-spread contamination within the project limits is not anticipated.

Although contamination was not detected in any of the samples for this Level II, the Florida Department of Environmental Protection currently recognizes the following sites as contaminated:

- Site #33: 7-Eleven Food Store, 12210 Metro Parkway, Fort Myers,
- Site #67: Circle K, 10800 Metro Parkway, Fort Myers, and
- Site #75: Hi-Tech Cleaners, 3940 Metro Parkway, Fort Myers.

Dewatering efforts within 500 feet of these sites should be monitored by the FDOT. Testing during this Level II indicates that contaminants have not been detected within areas of planned construction. However, it is recommended that the FDOT monitor dewatering efforts proximal to these sites to ensure contaminated groundwater is not pulled into the right-of-way and discharged as effluent. A review of the regulatory file for each site is also recommended just prior to construction to verify that their status has not changed. If construction support is ultimately required for one of these sites to manage contaminated groundwater and discharge is planned to the stormwater system, permitting should follow the National Pollutant Discharge Elimination System (NPDES) process. Costs for dewatering equipment, management, and testing can range up to \$100,000 per site.

Tierra appreciates the opportunity to be of service to CES and FDOT on this project. If you have any questions or comments regarding this letter report, please contact our office at your earliest convenience.

Respectfully Submitted,

TIERRA, INC.



Michael J. Bair, ASP
Chief Scientist



David A. Stedje, PG
Professional Geologist

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ATTACHMENT A

MAPS

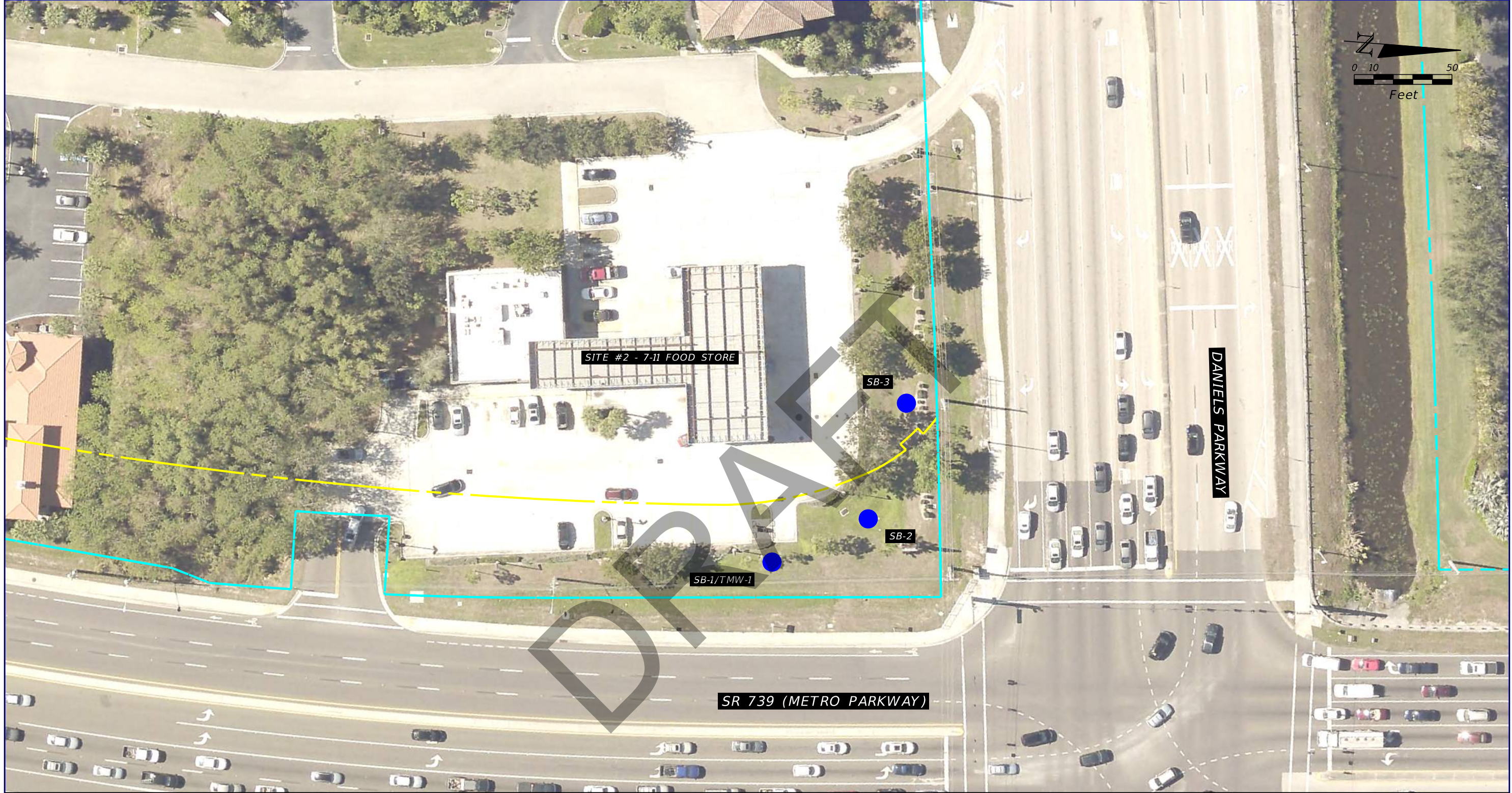


PROJECT LOCATION MAP

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			METRO PARKWAY (SR 739) FROM DANIELS PARKWAY TO WINKLER AVENUE	SHEET NO. A-1
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-13-078E	SR 739	LEE	431334-1-32-01		

TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637
CERTIFICATE OF AUTHORIZATION 6486



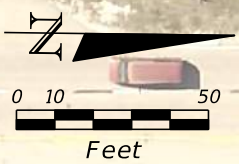
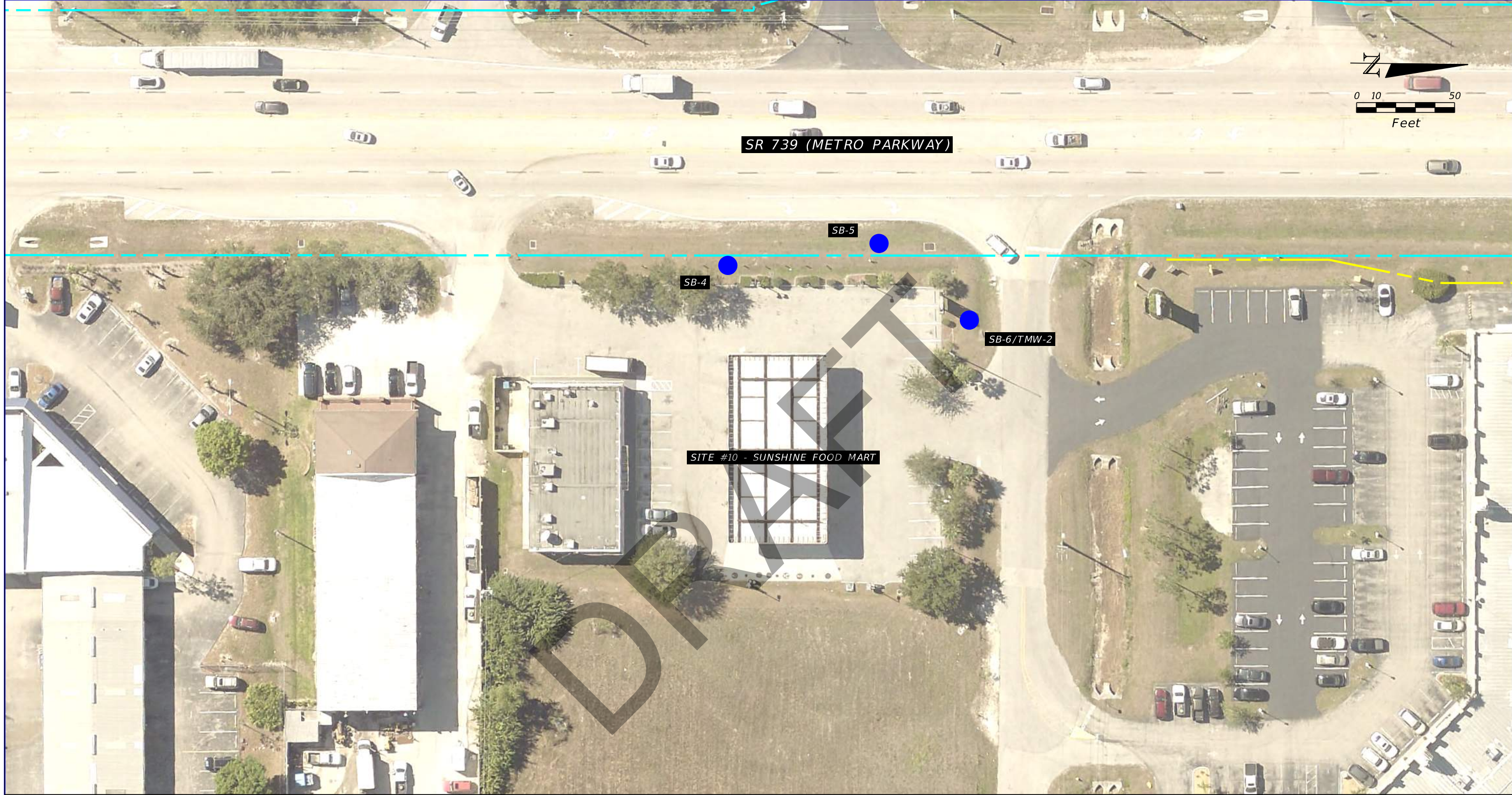
- - - - - EXISTING RIGHT OF WAY
- - - - - PROPOSED RIGHT OF WAY

SAMPLE LOCATION MAP

● SAMPLE LOCATION

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			METRO PARKWAY (SR 739) FROM DANIELS PARKWAY TO WINKLER AVENUE	SHEET NO. A-2
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-13-078E	SR 739	LEE	431334-1-32-01		
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486				



SR 739 (METRO PARKWAY)

SB-5

SB-4

SB-6/TMW-2

SITE #10 - SUNSHINE FOOD MART

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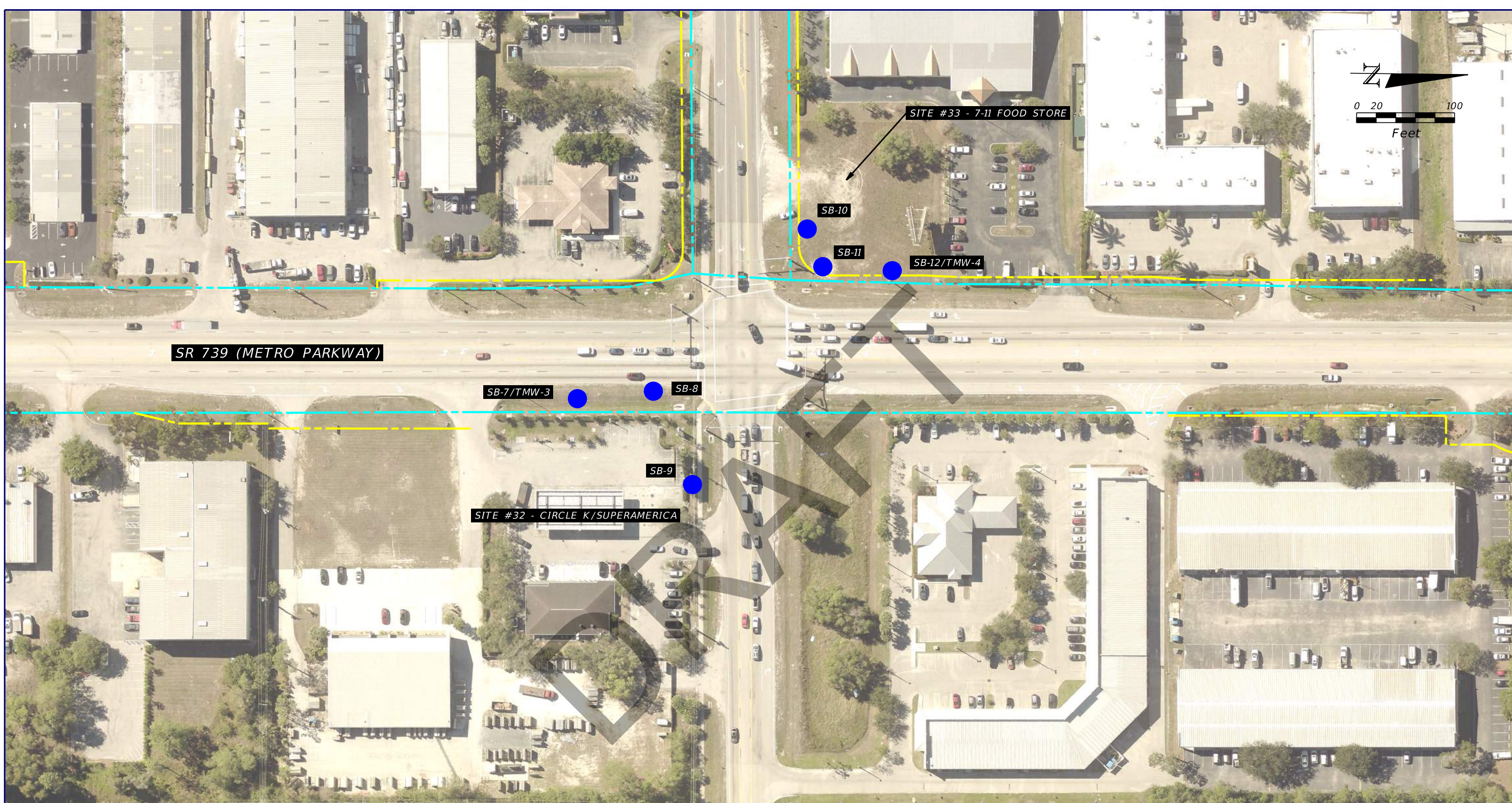
SOURCE: FDOT SURVEY AND MAPPING DATED 2017

--- EXISTING RIGHT OF WAY
 --- PROPOSED RIGHT OF WAY

SAMPLE LOCATION MAP

● SAMPLE LOCATION

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			METRO PARKWAY (SR 739) FROM DANIELS PARKWAY TO WINKLER AVENUE	SHEET NO. A-3
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-13-078E	SR 739	LEE	431334-1-32-01		
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486				



SR 739 (METRO PARKWAY)

SITE #33 - 7-11 FOOD STORE

SB-7/TMW-3

SB-8

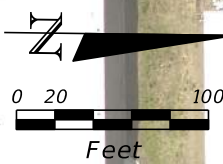
SB-10

SB-11

SB-12/TMW-4

SB-9

SITE #32 - CIRCLE K/SUPERAMERICA



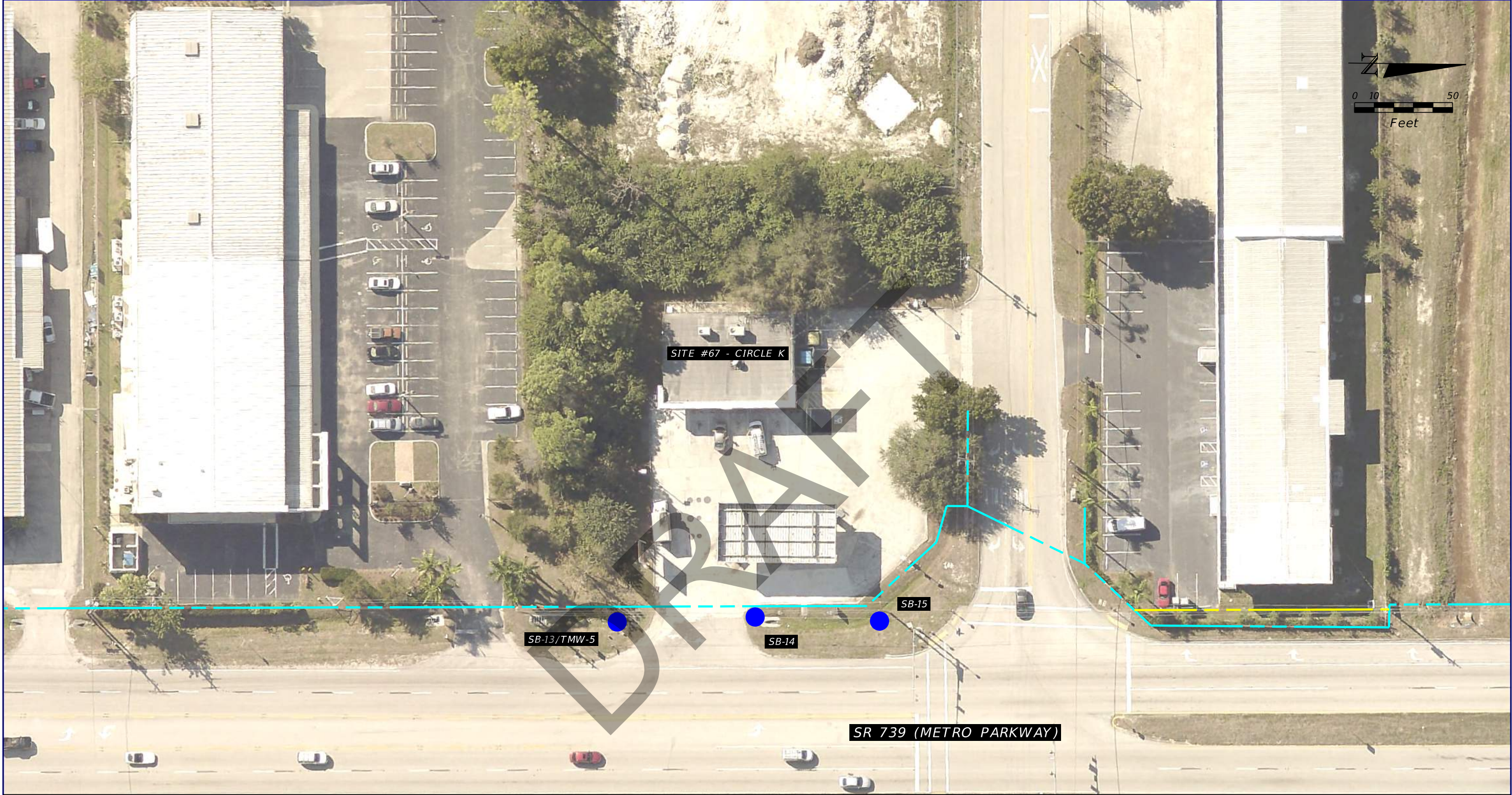
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY

SAMPLE LOCATION MAP

● SAMPLE LOCATION

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			METRO PARKWAY (SR 739) FROM DANIELS PARKWAY TO WINKLER AVENUE	SHEET NO. A-4
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-13-078E	SR 739	LEE	431334-1-32-01		
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486				



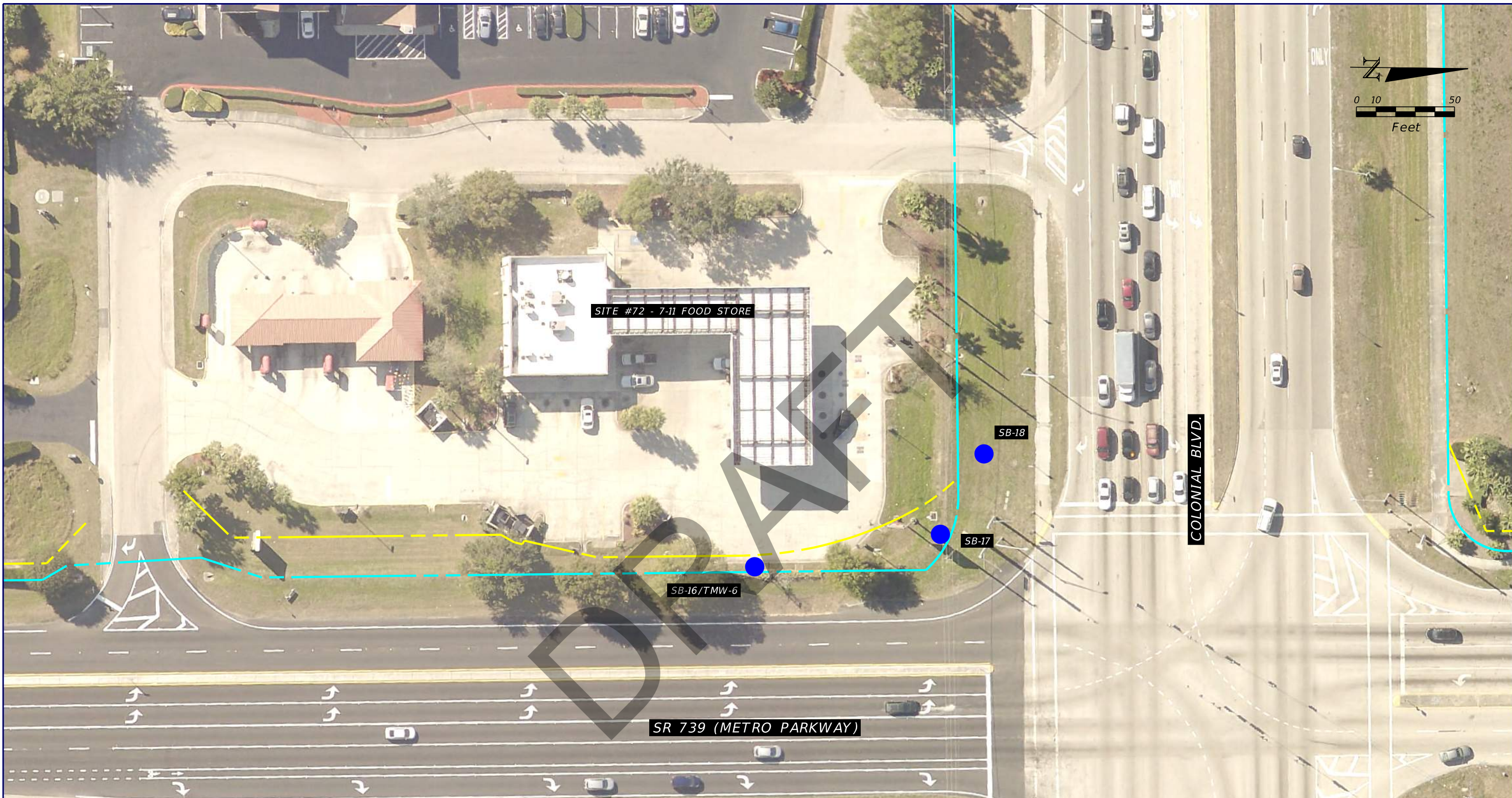
- - - - - EXISTING RIGHT OF WAY
- - - - - PROPOSED RIGHT OF WAY

SAMPLE LOCATION MAP

● SAMPLE LOCATION

SOURCE: FDOT SURVEY AND MAPPING DATED 2017

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			METRO PARKWAY (SR 739) FROM DANIELS PARKWAY TO WINKLER AVENUE	SHEET NO. A-5
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-13-078E	SR 739	LEE	431334-1-32-01		
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486				



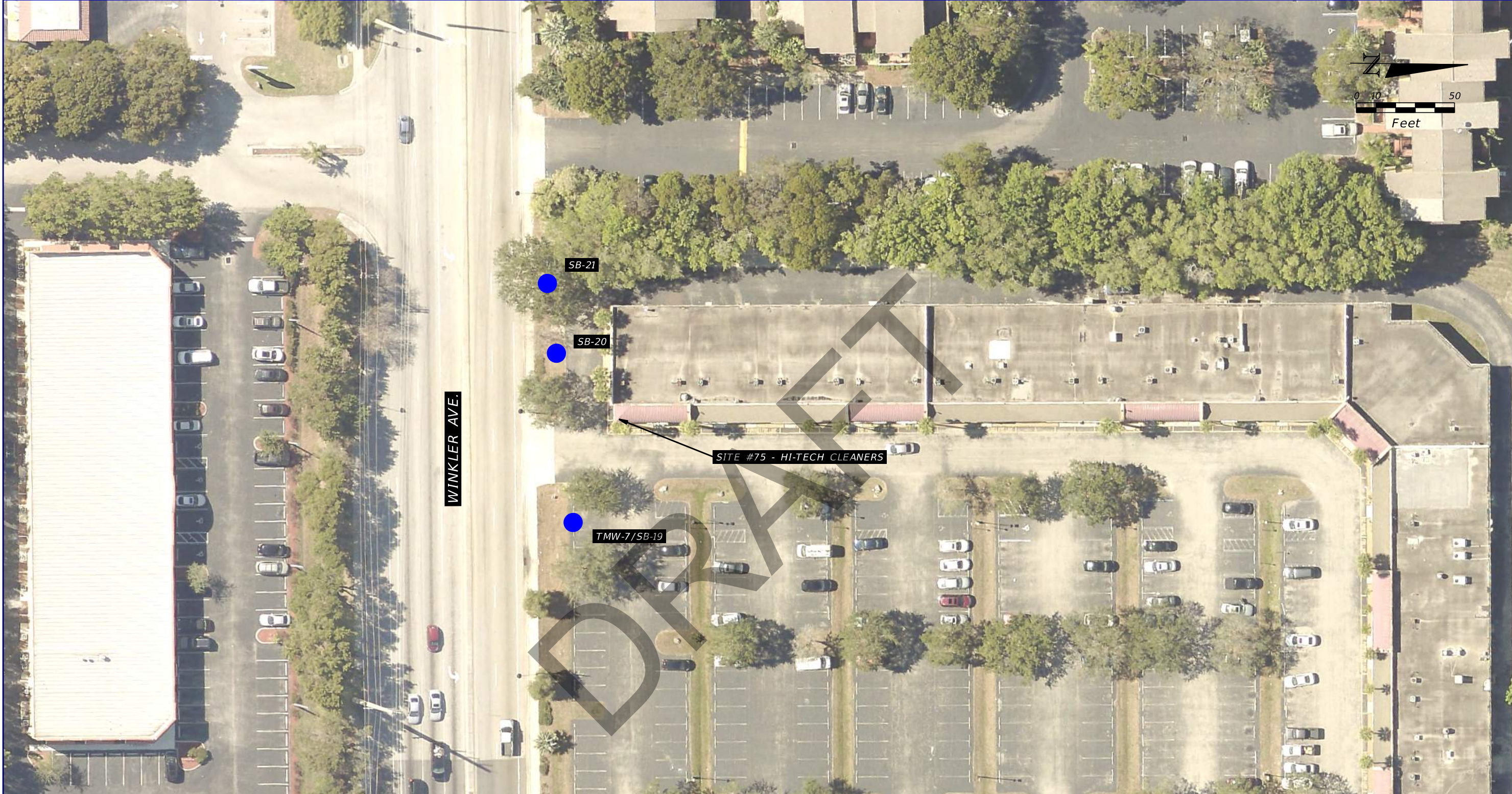
SOURCE: FDOT SURVEY AND MAPPING DATED 2017

SAMPLE LOCATION MAP

- - - EXISTING RIGHT OF WAY
- - - PROPOSED RIGHT OF WAY

● SAMPLE LOCATION

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			METRO PARKWAY (SR 739) FROM DANIELS PARKWAY TO WINKLER AVENUE	SHEET NO. A-6
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-13-078E	SR 739	LEE	431334-1-32-01		
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486				



SOURCE: FDOT SURVEY AND MAPPING DATED 2017

SAMPLE LOCATION MAP

- — — — — EXISTING RIGHT OF WAY
- — — — — PROPOSED RIGHT OF WAY

● SAMPLE LOCATION

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			METRO PARKWAY (SR 739) FROM DANIELS PARKWAY TO WINKLER AVENUE	SHEET NO. A-7
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			TIERRA PROJECT NO.: 6511-13-078E	SR 739	LEE	431334-1-32-01		
				TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486				

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ATTACHMENT B

TABLES

TABLE 1: OVA FIELD SCREENING SUMMARY

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Site Reference	Boring No.	Sample Date	Apparent Depth to Groundwater	Sample Depth (feet bls)	NET OVA (ppm)	Comments	
Site 2: 7-Eleven Food Store	SB-1/TMW-1	1/26/21	4.5 ft.	1	33.3	Discrete soil sample collected @ 1 ft.	
				2	2.6		
				3	1.3		
				4	0.8		
				5	0.5		
				6	0.5		
				7	0.4		
				8	0.3		
	SB-2	1/26/21	7.5 ft.	1	4.8	No soil sample collected	
				2	3.7		
				3	19.6		
				4	3.4		
				5	1.2		
				6	1.6		
				7	0.9		
				8	0.5		
				9	0.2		
	SB-3	1/26/21	9.5 ft.	1	28.6	No soil sample collected	
				2	22.8		
				3	15.8		
				4	15.5		
				5	1.9		
				6	1.8		
				7	1.9		
				8	0.0		
				9	0.8		
				10	0.2		
	Site 10: Sunshine Food Mart	SB-4	1/26/21	GNE	1	0.5	No soil sample collected
					2	0.9	
					3	0.4	
4					13.2		
SB-5		1/26/21	GNE	1	0.6	No soil sample collected	
				2	0.4		
SB-6/TMW-2		1/26/21	7 ft.	1	0.3		
				2	0.9		
				3	0.1		
				4	0.2		
				5	0.1		
				6	6.5	Discrete soil sample collected @ 6 ft.	
7	0						
8	0.2						

TABLE 1: OVA FIELD SCREENING SUMMARY

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Site Reference	Boring No.	Sample Date	Apparent Depth to Groundwater	Sample Depth (feet bls)	NET OVA (ppm)	Comments
Site 32: Circle K/Superamerica	SB-7/TMW-3	1/26/21	5 ft.	1	0.3	Discrete soil sample collected @ 1 ft.
				2	0.0	
				3	0.0	
				4	0.0	
				5	0.0	
				6	0.0	
				7	0.0	
	SB-8	1/26/21	4 ft.	1	0.0	No soil sample collected
				2	0.1	
				3	0.0	
				4	0.0	
				5	0.0	
				6	0.0	
	SB-9	1/26/21	5 ft.	1	0.0	No soil sample collected
				2	0.0	
				3	0.0	
				4	0.0	
				5	0.0	
				6	0.1	
				7	0.0	
	Site 33: 7-Eleven Food Store	SB-10	1/27/21	3.5 ft.	1	0.1
2					0.0	
3					0.0	
4					0.0	
5					0.0	
6					0.0	
SB-11		1/27/21	4 ft.	1	0.0	No soil sample collected
				2	0.1	
				3	0.0	
				4	0.1	
				5	0.0	
				6	0.0	
SB-12/TMW-4		1/27/21	3.5 ft.	1	0.1	
				2	0.8	Discrete soil sample collected @ 2 ft.
				3	0.2	
				4	0.3	
				5	0.0	
				6	0.0	

TABLE 1: OVA FIELD SCREENING SUMMARY

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Site Reference	Boring No.	Sample Date	Apparent Depth to Groundwater	Sample Depth (feet bls)	NET OVA (ppm)	Comments
Site 67: Circle K	SB-13/TMW-5	1/27/21	4.5 ft.	1	2.1	
				2	68.1	Discrete soil sample collected @ 2 ft.
				3	1.2	
				4	1.5	
				5	0.0	
				6	0.0	
	SB-14	1/27/21	4.5 ft.	1	0.0	No soil sample collected
				2	0.0	
				3	0.0	
				4	0.0	
				5	0.0	
				6	0.0	
	SB-15	1/27/21	3.5 ft.	1	8.3	No soil sample collected
				2	2.7	
				3	0.0	
				4	0.0	
				5	0.0	
				6	0.0	
Site 72: 7-Eleven Food Store	SB-16/TMW-6	1/27/21	4.5 ft.	1	0.0	
				2	7.4	
				3	12.6	Discrete soil sample collected @ 3 ft.
				4	0.5	
				5	0.2	
	SB-17	1/27/21	1.5 ft.	1	0.0	No soil sample collected
				2	0.0	
				3	0.0	
	SB-18	1/27/21	3 ft.	1	0.0	No soil sample collected
2				0.0		
3				0.0		
Site 75: Hi-Tech Cleaners	SB-19/TMW-7	1/27/21	6.5 ft.	-	-	OVA and soil sampling not scoped
	SB-20	1/27/21	GNE	-	-	OVA and soil sampling not scoped
	SB-21	1/27/21	GNE	-	-	OVA and soil sampling not scoped

NOTES:

bls = below land surface

OVA = Organic Vapor Analyzer

ppm = parts per million

GNE-Groundwater Not Encountered

SB = soil boring

TMW = temporary monitoring well

TABLE 2: SOIL ANALYTICAL SUMMARY - BTEX, MTBE & TRPH

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample Info.				OVA	Laboratory Analyses					
Boring / Well No.	Date Collected	Apparent Borehole Depth to Water	Sample Interval	Net OVA Reading (ppm)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TRPH
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	01/26/2021	4.5 ft.	1 ft.	33.3	0.0012 U	0.00095 U	0.0014 U	0.0061 U	0.00098 U	5.5 U
SB-6	01/26/2021	7 ft.	6 ft.	6.5	0.00084 U	0.00068 U	0.0010 U	0.0043 U	0.00070 U	10.3 U
SB-7	01/26/2021	5 ft.	1 ft.	0.3	0.0011 U	0.00091 U	0.0014 U	0.0058 U	0.00094 U	5.4 U
SB-12	01/27/2021	3.5 ft.	2 ft.	0.8	0.0011 U	0.00087 U	0.0013 U	0.0055 U	0.00090 U	5.6 U
SB-13	01/27/2021	4.5 ft.	2 ft.	68.1	0.0014 U	0.0032 I	0.014	0.081	0.0011 U	5.6 U
SB-16	01/27/2021	4.5 ft.	3 ft.	12.6	0.00098 U	0.00080 U	0.0012 U	0.0050 U	0.00082 U	6.0 U
<i>Leachability SCTL (mg/kg)</i>					0.007	0.5	0.6	0.2	0.09	340
<i>Direct Exposure Residential SCTL (mg/kg)</i>					1.2	7500	1500	130	4400	460
<i>Direct Exposure Commercial/Industrial SCTL (mg/kg)</i>					1.7	60000	9200	700	24000	2700

Notes:

ppm = parts per million

mg/kg = milligrams per kilogram

I = concentration detected between MDL and PQL; see lab report

U = not detected above noted concentration

BOLD = concentration is above method detection limit

SCTL = Soil Cleanup Target Level per Chapter 62-777, F.A.C.

Exceeds Leachability SCTL

Exceeds Direct Exposure Residential SCTL

Exceeds Direct Exposure Commercial/Industrial SCTL

TABLE 3: SOIL ANALYTICAL SUMMARY - Non-Carcinogenic PAHs

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample Info.				OVA	Laboratory Analyses										
Boring / Well No.	Date Collected	Apparent Borehole Depth to Water	Sample Interval	Net OVA Reading (ppm)	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	01/26/2021	4.5 ft.	1 ft.	33.3	0.013 U	0.014 U	0.014 U	0.013 U	0.012 U	0.013 U	0.0092 U	0.012 U	0.013 U	0.012 U	0.012 U
SB-6	01/26/2021	7 ft.	6 ft.	6.5	0.026 U	0.030 U	0.029 U	0.027 U	0.024 U	0.027 U	0.019 U	0.025 U	0.027 U	0.025 U	0.024 U
SB-7	01/26/2021	5 ft.	1 ft.	0.3	0.012 U	0.014 U	0.013 U	0.012 U	0.011 U	0.012 U	0.014 I	0.018 I	0.013 U	0.012 U	0.016 I
SB-12	01/27/2021	3.5 ft.	2 ft.	0.8	0.013 U	0.014 U	0.014 U	0.013 U	0.011 U	0.013 U	0.0092 U	0.012 U	0.013 U	0.012 U	0.012 U
SB-13	01/27/2021	4.5 ft.	2 ft.	68.1	0.013 U	0.015 U	0.014 U	0.013 U	0.012 U	0.013 U	0.0093 U	0.012 U	0.013 U	0.012 U	0.012 U
SB-16	01/27/2021	4.5 ft.	3 ft.	12.6	0.013 U	0.015 U	0.015 U	0.014 U	0.012 U	0.014 U	0.0098 U	0.013 U	0.014 U	0.013 U	0.012 U
<i>Leachability SCTL (mg/kg)</i>					1.2	3.1	8.5	2.1	27	2500	32000	1200	160	250	880
<i>Direct Exposure Residential SCTL (mg/kg)</i>					55	200	210	2400	1800	21000	2500	3200	2600	2200	2400
<i>Direct Exposure Commercial/Industrial SCTL (mg/kg)</i>					300	1800	2100	20000	20000	300000	52000	59000	33000	36000	45000

Notes:
 ppm = parts per million
 mg/kg = milligrams per kilogram
 I = concentration detected between MDL and PQL; see lab report
 U = not detected above noted concentration
BOLD = concentration is above method detection limit
 SCTL = Soil Cleanup Target Level per Chapter 62-777, F.A.C.

Exceeds Leachability SCTL
Exceeds Direct Exposure Residential SCTL
Exceeds Direct Exposure Commercial/Industrial SCTL

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TABLE 4: SOIL ANALYTICAL SUMMARY - Carcinogenic PAHs

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample Info.				OVA	Laboratory Analyses							
Boring / Well No.	Date Collected	Apparent Borehole Depth to Water	Sample Interval	Net OVA Reading (ppm)	Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Indeno (1,2,3-cd) pyrene	Benzo (a) pyrene equivalent
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	01/26/2021	4.5 ft.	1 ft.	33.3	0.0091 U	0.011 U	0.0098 U	0.0098 U	0.012 U	0.0085 U	0.0084 U	-
SB-6	01/26/2021	7 ft.	6 ft.	6.5	0.019 U	0.022 U	0.021 U	0.021 U	0.024 U	0.018 U	0.018 U	-
SB-7	01/26/2021	5 ft.	1 ft.	0.3	0.014 I	0.013 I	0.021 I	0.0094 U	0.014 I	0.0081 U	0.011 I	0.0
SB-12	01/27/2021	3.5 ft.	2 ft.	0.8	0.0090 U	0.010 U	0.0097 U	0.0097 U	0.012 U	0.0084 U	0.0083 U	-
SB-13	01/27/2021	4.5 ft.	2 ft.	68.1	0.0092 U	0.011 U	0.0099 U	0.0099 U	0.012 U	0.0085 U	0.0085 U	-
SB-16	01/27/2021	4.5 ft.	3 ft.	12.6	0.0097 U	0.011 U	0.010 U	0.010 U	0.012 U	0.0090 U	0.0089 U	-
<i>Leachability SCTL (mg/kg)</i>					8	0.8	2.4	24	77	0.7	6.6	*
<i>Direct Exposure Residential SCTL (mg/kg)</i>					#	#	#	#	#	#	#	0.1
<i>Direct Exposure Commercial/Industrial SCTL (mg/kg)</i>					#	#	#	#	#	#	#	0.7

Notes:

ppm = parts per million

mg/kg = milligrams per kilogram

I = concentration detected between MDL and PQL; see lab report

U = not detected above noted concentration

BOLD = concentration is above method detection limit

SCTL = Soil Cleanup Target Level per Chapter 62-777, F.A.C.

* = Leachability value not applicable

= Use Benzo(a)pyrene equivalent calculation

Exceeds Leachability SCTL

Exceeds Direct Exposure Residential SCTL

Exceeds Direct Exposure Commercial/Industrial SCTL

TABLE 5: SOIL ANALYTICAL SUMMARY - Benzo(a)pyrene Conversion

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Instructions can be found below the table

Facility/Site Name:	Metro Parkway
Site Location:	Lee County
FPID#	431334-1

SCTL Type	Value	Units
Residential Direct Exposure SCTL	0.1	mg/kg
Industrial Direct Exposure SCTL	0.7	mg/kg
Alternative SCTL (Optional)		mg/kg
Site Specific Background (Optional)		mg/kg

TEF = Toxic Equivalency Factor

	Soil Sample #	SB-7									
	Sample Date	1/26/2021									
	Sample Location:	Site 32: Circle K									
	Depth (ft):	1 ft.									

Contaminant Concentrations

Contaminant	TEF	SB-7 (mg/kg)									
Benzo(a)pyrene	1.0	0.014									
Benzo(a)anthracene	0.1	0.013									
Benzo(b)fluoranthene	0.1	0.021									
Benzo(k)fluoranthene	0.01	0.0047									
Chrysene	0.001	0.014									
Dibenz(a,h)anthracene	1.0	0.00405									
Indeno(1,2,3-cd)pyrene	0.1	0.011									

Benzo(a)pyrene Equivalents

Contaminant	TEF	SB-7 (mg/kg)									
Benzo(a)pyrene	1.0	0.0140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(a)anthracene	0.1	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(b)fluoranthene	0.1	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(k)fluoranthene	0.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Chrysene	0.001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dibenz(a,h)anthracene	1.0	0.0041	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Indeno(1,2,3-cd)pyrene	0.1	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total Equivalents

Total Benzo(a)pyrene Equivalents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Comparisons to SCTLs

Does This Sample Exceed:	SB-7 (mg/kg)										
The Residential Direct Exposure SCTL of 0.1 mg/kg?	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
The Industrial Direct Exposure SCTL of 0.7 mg/kg?	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
No Alternative SCTL Given	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
No Site Specific Background Given	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TABLE 6: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - TRPH and PAHs

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample Info.		Laboratory Analyses																		
Location	Date	TRPH	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Indeno (1,2,3-cd) pyrene
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
TMW-1	01/27/2021	800 U	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U
TMW-2	01/27/2021	920 U	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U
TMW-3	01/27/2021	770 U	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U
TMW-4	01/28/2021	810 U	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U
TMW-5	01/28/2021	880 U	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U
TMW-6	01/28/2021	1000 U	0.29 U	0.19 U	0.68 U	0.040 U	0.030 U	0.043 U	0.15 U	0.018 U	0.088 U	0.16 U	0.032 U	0.12 U	0.055 U	0.027 U	0.16 U	0.026 U	0.13 U	0.12 U
TMW-7	01/28/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GCTLs (ug/L)		5000	14	28	28	20	210	2100	210	280	280	210	210	0.2	0.05	0.05	0.5	4.8	0.005	0.05
NADCs (ug/L)		50000	140	280	280	200	2100	21000	2100	2800	2800	2100	2100	20	5	5	50	480	0.5	5

Notes:

ug/L = micrograms per liter

U = not detected above noted concentration

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

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

Exceeds GCTL

Exceeds NADC

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TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample Info.		Laboratory Analyses													
Location	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Cumene (Isopropyl benzene)	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichlorobenzene
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
TMW-1	01/27/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	-	-	-	-	-	-	-	-	-
TMW-2	01/27/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	-	-	-	-	-	-	-	-	-
TMW-3	01/27/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	-	-	-	-	-	-	-	-	-
TMW-4	01/28/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	-	-	-	-	-	-	-	-	-
TMW-5	01/28/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	-	-	-	-	-	-	-	-	-
TMW-6	01/28/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	-	-	-	-	-	-	-	-	-
TMW-7	01/28/2021	0.30 U	0.33 U	0.30 U	2.1 U	4.4 U	0.24 U	0.24 U	0.30 U	0.30 U	0.59 U	0.30 U	0.34 U	0.59 U	0.60 U
GCTLs (ug/L)		1	40	30	20	20	10	10	0.8	200	0.2	5	70	7	600
NADCs (ug/L)		100	400	300	200	200	100	100	8	2000	20	500	700	70	6000

Notes:

ug/L = micrograms per liter

U = not detected above noted concentration

NA= Not Available

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

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

Exceeds GCTL

Exceeds NADC

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TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample Info.		Laboratory Analyses													
Location	Date	1,2-Dichloro- propane	1,3-Dichloro- benzene	1,3-Dichloro- propene	1,4-Dichloro- benzene	2-Butanone (MEK)	2-Hexanone	4-Methyl-2- pentanone (MIBK)	Acetone	Bromochloro- methane	Bromodichloro- methane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
TMW-1	01/27/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-2	01/27/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-3	01/27/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-4	01/28/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-5	01/28/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-6	01/28/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-7	01/28/2021	0.23 U	0.33 U	0.17 U	0.28 U	21.0 U	3.2 U	7.5 U	5.3 U	0.37 U	0.19 U	0.48 U	8.1 U	1.8 U	0.44 U
GCTLs (ug/L)		5	210	NA	75	4200	280	560	6300	91	0.6	4.4	9.8	700	3
NADCs (ug/L)		500	2100	NA	7500	42000	2800	5600	63000	910	60	440	98	7000	300

Notes:

ug/L = micrograms per liter

U = not detected above noted concentration

NA= Not Available

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

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

Exceeds GCTL

Exceeds NADC

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TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample Info.		Laboratory Analyses														
Location	Date	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromochloro-methane	Dibromo-methane	Dichloro-difluoro-methane	Methylene Chloride	Styrene	Tetrachloro-ethene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
TMW-1	01/27/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-2	01/27/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-3	01/27/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-4	01/28/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-5	01/28/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-6	01/28/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TMW-7	01/28/2021	0.35 U	3.7 U	0.32 U	0.43 U	0.45 U	0.68 U	0.26 U	4.4 U	0.26 U	0.38 U	0.36 U	0.35 U	0.39 U	0.27 U	0.23 U
GCTLs (ug/L)		100	12	70	2.7	0.4	70	1400	5	100	3	3	2100	1	70	100
NADCs (ug/L)		1000	1200	700	270	40	NA	14000	500	1000	300	300	21000	100	700	1000

Notes:

ug/L = micrograms per liter

U = not detected above noted concentration

NA= Not Available

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

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

Exceeds GCTL

Exceeds NADC

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Table 8 - GPS Coordinates
Metro Parkway
Lee County
FPID: 431334-1

MAINLINE SITES				
Site ID	Sample ID	Boring ID	Latitude	Longitude
Site 2: 7-Eleven Food Store	SB-1 TMW-1	SB-1/TMW-1	26.5459	-81.85279
		SB-2	26.54603	-81.85287
		SB-3	26.54607	-81.85306
Site 10: Sunshine Food Mart	SB-6 TMW-2	SB-4	26.55325	-81.85265
		SB-5	26.55347	-81.85269
		SB-6/TMW-2	26.55359	-81.85257
Site 32: Circle K /Superamerica	SB-7 TMW-3	SB-7/TMW-3	26.56417	-81.85284
		SB-8	26.56438	-81.85287
		SB-9	26.56449	-81.85258
Site 33: 7-11 Food Store	SB-12 TMW-4	SB-10	26.56481	-81.85338
		SB-11	26.56485	-81.85326
		SB-12/TMW-4	26.56505	-81.85325
Site 67: Circle K	SB-13 TMW-5	SB-13/TMW-5	26.58534	-81.85349
		SB-14	26.58554	-81.8535
		SB-15	26.58571	-81.85349
Site 72: 7-11 Food Store	SB-16 TMW-6	SB-16/TMW-6	26.59675	-81.85063
		SB-17	26.59701	-81.85069
		SB-18	26.59707	-81.85081
Site 75: Hi-Tech Cleaners	TMW-7	TMW-7	26.60473	-81.8514
		TMW-8	26.60471	-81.85165
		TMW-9	26.60471	-81.85182

NOTES:

Geographic Coordinate System:
 Geodetic Datum: D_WGS_84
 Prime Meridian: Greenwich
 Angular Unit: Degree

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ATTACHMENT C

FIELD FORMS

BORING LOG

Boring/Well Number: SB-1/TMW-1		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 2-7-Elwyn		Borehole Start Date: 1/26/2021	Borehole Start Time: 1040 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 1/26/2021	End Time: 1053 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 10	
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content): 4.5	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA						33.3	1	Dark brown/gray f/s		D	SB-1 @ 1'
						2.6	2	Gray/light brown f/s		E	
						1.3	3			3	
						0.8	4	lt brown/dark brown f/s		5	
						0.5	5				
						0.5	6				
						0.4	7				
						0.3	8	Dark brown f/s			
							9				
							10	Gray clay - EDB			
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- <u>2</u>		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: <u>Site 2 - 7 Eleven</u>		Borehole Start Date: <u>1/26/2021</u>	Borehole Start Time: <u>1054</u> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: <u>1/26/2021</u>	
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS	Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): <u>10</u>		
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content): <u>7.5</u>	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓ DP						4.8	1	Gray F/S		D	
						3.7	2				
						19.6	3	Dark gray / Lt gray f/s			
						3.4	4				
						1.2	5				
						1.6	6	Lt brown F/S			
						0.9	7				
						0.5	8				
						0.2	9	Gray f/s w/shell frags			
								10	EDB		
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 3		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 2 - 7 Elev		Borehole Start Date: 1/26/2021	Borehole Start Time: 1120 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 1/26/2021	
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 10	
Drilling Method(s): HA/DP		Apparent Borehole DTW (in feet from soil moisture content): 9.5	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA DP						28.6	1	Gray loose f/s		D ↓ M S	
						22.8	2	Gray/brown f/s			
						15.8	3	↓			
						15.5	4	Lt brown calcareous w/ limestone frags - REFUSAL			
						1.9	5	Gray/Lt brown limestone			
						1.8	6	↓			
						1.9	7	Lt brn/gray coarse sand w/ limestone frags			
						0.0	8				
						0.8	9	Gray f/s w/ shell frags			
						0.2	10	↓ EOB			
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 4		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 10 - Sunshine / Chevron		Borehole Start Date: 1/26 /2021	Borehole Start Time: 1310 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 1/26 /2021	
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 4	
Drilling Method(s): HA/DR		Apparent Borehole DTW (in feet from soil moisture content): GNE	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓						0.5	1	Gry/brown f/s w/ rock frags - EOB - Refusal rock		D ↓	
						0.9	2				
						0.4	3				
						13.2	4				
							5	Refused 4 more times between 1' - 4' bls			
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB-5		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E							
Site Name: Site ID - Sunshine		Borehole Start Date: 1/24/2021	Borehole Start Time: 1510	<input type="checkbox"/> AM	<input checked="" type="checkbox"/> PM						
		End Date: 1/26/2021	End Time: 1550	<input type="checkbox"/> AM	<input type="checkbox"/> PM						
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.							
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 2							
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID							
Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked):											
<input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other											
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓						0.6	1	Brown/grey f/s w/ rock frags		D ↓	
						0.9	2	EOB Refusal - Limerock			
							3				
							4	Refused 2 more times between 1'-2' b/s			
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 7 / TMW-3		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 32 - Circle K		Borehole Start Date: 1/26/2021	Borehole Start Time: 1600 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM		
		End Date: 1/26/2021	End Time: 1630 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM		
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 7	
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content): 5.0	Measured Well DTW (in feet after water recharges in well):		OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA						0.3	1	Gray/brown f/s w/rock frags EDG		D	SB-7 at 1'
						0.0	2				
						0.0	3				
						0.0	4				
						0.0	5				
						0.0	6				
						0.0	7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB-8		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 32 - Circle K		Borehole Start Date: 1/26/2021	Borehole Start Time: 1632	<input type="checkbox"/> AM	<input checked="" type="checkbox"/> PM
Environmental Contractor: Tierra		Geologist's Name: NA	End Date: 1/26/2021	End Time: 1645	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 6	
Drilling Method(s): HA/DR	Apparent Borehole DTW (in feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA						0.0	1	Brown f/s w/rock frags		D	
						0.1	2				
						0.0	3	Lt Brown f/s w/rock frags			
						0.0	4	Brown f/s			
						0.0	5				
						0.0	6	EOB			
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 9		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 32 - Circle K		Borehole Start Date: 1/26/2021	Borehole Start Time: 1647 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 1/26/2021	End Time: 1710 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 7	
Drilling Method(s): HA/ DP		Apparent Borehole DTW (in feet from soil moisture content): 5	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA						0.0	1	Gray/brown f/s		D	
						0.0	2				
						0.0	3				
						0.0	4	Brown fb			
						0.0	5				
						0.1	6	Gray f/s			
						0.0	7	EOS			
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 10		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 33 7Eleven		Borehole Start Date: 1/27/2021	Borehole Start Time: 0823 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 1/27/2021	
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 6	
Drilling Method(s): HA/ DP	Apparent Borehole DTW (in feet from soil moisture content): 3.5	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓						0.1	1	Gray f/s		D ↓ 335 ↓	
						0.0	2	Gray/brown f/s			
						0.0	3				
						0.0	4	Gray brown f/s w/ shell frags			
						0.0	5	Gray f/s w/ shell frags			
						0.0	6	EOB			
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 11 11		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 33 7 Eleven		Borehole Start Date: 1/27/2021	Borehole Start Time: 0745 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 1/27/2021	
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 6	
Drilling Method(s): HA <input checked="" type="checkbox"/>		Apparent Borehole DTW (in feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓						0.0	1	Lt Brown/Gray f/s w/shell frags ↓ Orange sand w/shell frags ↓ EOB		D ↓ M W S ↓	
						0.1	2				
						0.0	3				
						0.1	4				
						0.0	5				
						0.0	6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 12 / TMW-4		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 33 7-Eleven		Borehole Start Date: 1/27/2021	Borehole Start Time: 0805 AM	Borehole Start Time: <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	
		End Date: 1/27/2021	End Time: 0820 AM	End Time: <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 6	
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content): 3.5	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked):					
<input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA						0.1	1	Gray / Lt Brown f/s		D	SB-12 at 2'
						0.8	2				
						0.2	3	Orange sand w/ shell frags		CS	
						0.3	4				
						0.0	5				
						0.0	6	EOS			
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB-13/TMW-5		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 67 Circle K		Borehole Start Date: 1/27/2021	Borehole Start Time: 0917 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date: 1/27/2021	End Time: 1034 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 6
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content): 4.5	Measured Well DTW (in feet after water recharges in well): 3.6		OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description <small>(include grain size based on USCS, odors, staining, and other remarks)</small>	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples <small>(list sample number and depth or temporary screen interval)</small>
HA ↓						2.1	1	Gray/brown sand w/rock frags		D	SB-13 at 2' M W S ↓
						68.1	2	Lt gray/brown sand			
						1.2	3	Brown/gray sand w/rouser			
						1.5	4	Gray/Lt Brn sand w/shell frags			
						0.0	5	↓			
						0.0	6	EOB ↓			
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 14		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 67 Circle K		Borehole Start Date: 1/27/2021	Borehole Start Time: 0948	<input checked="" type="checkbox"/> AM	<input type="checkbox"/> PM
		End Date: 1/27/2021	End Time: 1000	<input checked="" type="checkbox"/> AM	<input type="checkbox"/> PM
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 6	
Drilling Method(s): HA <input checked="" type="checkbox"/>	Apparent Borehole DTW (in feet from soil moisture content): 4.5	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked):					
<input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓						0.0	1	Gray F/S Brown/gray sand		D	↓ M ↓ W ↓ S ↓
						0.0	2				
						0.0	3				
						0.0	4	Lt brown sand w/ shell frags			
						0.0	5				
						0.0	6	EOB			
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 15		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 67 Circle K		Borehole Start Date: 1/27/2021	Borehole Start Time: 1002 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 1/27/2021	
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 6	
Drilling Method(s): HA/DR		Apparent Borehole DTW (in feet from soil moisture content): 3.5	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓						8.3	1	Gray/brown F/S		D	
						2.7	2	↓ Orange/brown sandy clay		M	
						0.0	3			W	
						0.0	4	▼ Orange/brown clayey sand		S	
						0.0	5				
						0.0	6	EOB			
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 17		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 72 7 Elevation		Borehole Start Date: 1/27/2021	Borehole Start Time: 1118	<input type="checkbox"/> AM	<input type="checkbox"/> PM
		End Date: 1/27/2021	End Time: 1123	<input type="checkbox"/> AM	<input type="checkbox"/> PM
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS	Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 4		
Drilling Method(s): HA/ DP	Apparent Borehole DTW (in feet from soil moisture content): 1.5	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	↓					0.0	1	Gray F/S		D	
						0.0	2	Gray/brown F/S		M	
						0.0	3	▼		S	
						0.0	4	- EOB ↓		↓	
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB-18		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 72 7 Eleven		Borehole Start Date: 1/27/2021	Borehole Start Time: 1125 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 1/27/2021	
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Sammy A.	
Drilling Company: PDS	Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 3		
Drilling Method(s): HA <input checked="" type="checkbox"/>	Apparent Borehole DTW (in feet from soil moisture content): 3	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓						0.0	1	Brown / Gray sand w/ rocks ↓ ▼ → EOB Refusal		D ↓ M W S	
						0.0	2				
						0.0	3				
							4				
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 19/TMW-7		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 75 Hi-Tech Cleaners		Borehole Start Date: 1/27/2021	Borehole Start Time: 1317	<input type="checkbox"/> AM	<input checked="" type="checkbox"/> PM
Environmental Contractor: Tierra		Geologist's Name: NA	End Date: 1/27/2021	End Time: 1341	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 9	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): 6.5	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): NA <input type="checkbox"/> FID <input type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)	
HA K							1	Brown/gray F/s w/rocks		D		
							2	↓ Lt Brown F/s w/rocks				
							3	↓				
							4	↓				
							5	↓				
							6	↓ Gray F/s w/shell frags			W	
							7	↓			S	
							8	↓				
							9	↓ Refusal.				
							10					
							11					
							12					

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB- 20/TMW-8		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E							
Site Name: Site 75 Hi-Tech Cleaners		Borehole Start Date: 1/27/2021	Borehole Start Time: 1348 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 1/27/2021							
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Chris G. Sammy A.							
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 1							
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content): ONE	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): NA <input type="checkbox"/> FID <input type="checkbox"/> PID							
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):											
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓							1 2 3 4 5 6 7 8 9 10 11 12	<p>Grey / brown sand w/ rocks - Refusal two times</p> <p>confined by ~ 8 utilities within 11' ROW</p>		D ↓	

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number: SB-21/TAW-9		Project Name: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue		Project Number: 6511-13-078E	
Site Name: Site 95 Hi-Tech Cleaners		Borehole Start Date: 1/27/2021	Borehole Start Time: 1220 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 1/27/2021	End Time: 1300 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM
Environmental Contractor: Tierra		Geologist's Name: NA		Environmental Scientist's Name: Chris G Sammy	
Drilling Company: PDS		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet):	
Drilling Method(s): HA <input checked="" type="checkbox"/>		Apparent Borehole DTW (in feet from soil moisture content): GNE	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): NA <input type="checkbox"/> FID <input type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓							1 2 3 4 5 6 7 8 9 10 11 12	<p>Grey/brown sand w/ rocks</p> <p>↓</p> <p>Refusal 6 times + confined by utilities</p>		D ↓	

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated



US Environmental Rental Corporation

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1202 Tech Blvd., Suite 108, Tampa, FL 33619 (813) 628-4200

781 Industrial Dr, Elmhurst, IL 60126 (630) 501-1847

Order No.: 56578

Date: 1/22/2021

Technician: AV

Company: Tierra Eng

Contact: Sammy Awad

Phone #: _____

Packing List

Item	Serial Number	Included	QC
Tiger	T114120	✓	
Manual		✓	
Charger		✓	
Probe Tip		✓	
Alkaline Battery Pack		✓	
External Filters		✓	
Software			
Comm. Cable			
Regulator		✓	
Tedlar Bag		✓	
Calibration Gas		✓	
Tube Holder			
Zero Tubes		✓	

Calibration Report

Item	Information
Tiger	Isobutylene
Calibration Gas:	
Lot Number:	304-401926852-1
Span Setting:	100.00 ppm
Correction Factor:	1.00
Zero Reading:	0.00 ppm
Span Reading:	100.00 ppm
Post-Cal Bump Test:	99.50 ppm
Lamp	10.6

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.

WELL CONSTRUCTION AND DEVELOPMENT LOG

Site 2 - 7 Eleven

WELL CONSTRUCTION DATA					
Well Number: TMW- 1/508-1	Project Name: SR 739 (Metro Parkway) Tierra Project No: 6511-13-078E	FDEP Facility I.D. Number:	Well Install Date(s): 1/26/2021		
Well Location and Type (check appropriate boxes): <input type="checkbox"/> On-Site <input checked="" type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: DR HA	
If AG, list feet of riser above land surface: NA				Surface Casing Install Method: NA	
Borehole Depth (feet): 7.5	Well Depth (feet): 7.5	Borehole Diameter (inches): 3.25	Manhole Diameter (inches): NA	Well Pad Size: <u>NA</u> feet by <u> </u> feet	
Riser Diameter and Material: 4.0 in. PVC NA	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)	Riser Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet			
Screen Diameter and Material: 1.0 in, PVC		Screen Slot Size: 0.010	Screen Length: <u>7.5</u> feet from <u>0</u> feet to <u>7.5</u> feet		
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): NA	1 st Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to <u> </u> feet		
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): NA	2 nd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to <u> </u> feet		
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): NA	3 rd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to <u> </u> feet		
Filter Pack Material and Size: 20/30 Silica Sand	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: <u>7.5</u> feet from <u>0</u> feet to <u>7.5</u> feet		
Filter Pack Seal Material and Size:		Filter Pack Seal Length: 7.5 <u>NA</u> feet from 0 feet to 7.5 feet			
Surface Seal Material: NA		Surface Seal Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet			

DRAFT

*Start
12:15
12:26
End*

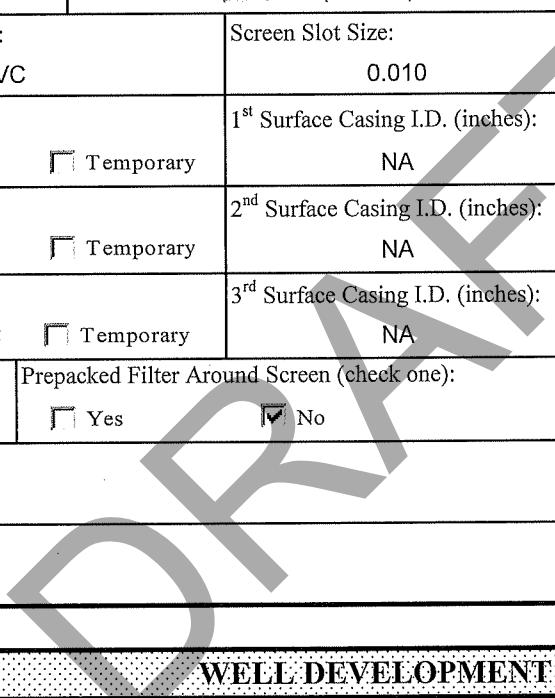
WELL DEVELOPMENT DATA			
Well Development Date: 1/26/2021	Well Development Method (check one): <input type="checkbox"/> Surge/Pu <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)		
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)	Depth to Groundwater (before developing in feet): 4.9		
Pumping Rate (gallons per minute): .11	Maximum Drawdown of Groundwater During Development (feet): 6.0	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 1,25	Development Duration (minutes): 11	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Brown/None		Water Appearance (color and odor) At End of Development: Clear/None	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEVELOPMENT LOG

Site 10 - Sunshine

WELL CONSTRUCTION DATA					
Well Number: TMW-2/58-4	Project Name: SR 739 (Metro Parkway) Tierra Project No: 6511-13-078E	FDEP Facility I.D. Number:	Well Install Date(s): 1/26/2021		
Well Location and Type (check appropriate boxes): <input type="checkbox"/> On-Site <input checked="" type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: DP	
If AG, list feet of riser above land surface: NA				Surface Casing Install Method: NA	
Borehole Depth (feet): 8	Well Depth (feet): 8	Borehole Diameter (inches): 3.25	Manhole Diameter (inches): NA	Well Pad Size: NA feet by NA feet	
Riser Diameter and Material: 1.0 in, PVC	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)			Riser Length: NA feet from NA feet to NA feet	
Screen Diameter and Material: 1.0 in, PVC		Screen Slot Size: 0.010		Screen Length: 8 feet from 0 feet to 8 feet	
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): NA		1 st Surface Casing Length: NA feet from 0 feet to NA feet	
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): NA		2 nd Surface Casing Length: NA feet from 0 feet to NA feet	
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): NA		3 rd Surface Casing Length: NA feet from 0 feet to NA feet	
Filter Pack Material and Size: 20/30 Silica Sand		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: 8 feet from 0 feet to 8 feet	
Filter Pack Seal Material and Size:				Filter Pack Seal Length: NA feet from NA feet to NA feet	
Surface Seal Material: NA				Surface Seal Length: NA feet from NA feet to NA feet	



*Start
3:18
No. 2996
Dug 3:20
Stop
Restart*

WELL DEVELOPMENT DATA			
Well Development Date: 1/26/2021	Well Development Method (check one): <input type="checkbox"/> Surge/Pu <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)		
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)		Depth to Groundwater (before developing in feet): 5.61	
Pumping Rate (gallons per minute): .015	Maximum Drawdown of Groundwater During Development (feet): 8.0	Well Purged Dry (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input checked="" type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 0.2	Development Duration (minutes): 13	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Brown / Orange		Water Appearance (color and odor) At End of Development: Clear	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEVELOPMENT LOG

Site 32 Circle K

WELL CONSTRUCTION DATA					
Well Number: TMW- 3/SB-7		Project Name: SR 739 (Metro Parkway) Tierra Project No: 6511-13-078E		FDEP Facility I.D. Number:	Well Install Date(s): 12/6/2021
Well Location and Type (check appropriate boxes): <input type="checkbox"/> On-Site <input checked="" type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: DP	
If AG, list feet of riser above land surface: NA				Surface Casing Install Method: NA	
Borehole Depth (feet): 8	Well Depth (feet): 8	Borehole Diameter (inches): 3.25	Manhole Diameter (inches): NA	Well Pad Size: NA feet by ___ feet	
Riser Diameter and Material: 1.0 in, PVC		Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)	Riser Length: <u>0</u> feet from ___ feet to ___ feet		
Screen Diameter and Material: 1.0 in, PVC		Screen Slot Size: 0.010	Screen Length: <u>8</u> feet from <u>0</u> feet to <u>8</u> feet		
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): NA	1 st Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to ___ feet		
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): NA	2 nd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to ___ feet		
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): NA	3 rd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to ___ feet		
Filter Pack Material and Size: 20/30 Silica Sand		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: <u>8</u> feet from <u>0</u> feet to <u>8</u> feet	
Filter Pack Seal Material and Size:				Filter Pack Seal Length: <u>NA</u> feet from ___ feet to ___ feet	
Surface Seal Material: NA				Surface Seal Length: <u>NA</u> feet from ___ feet to ___ feet	

WELL DEVELOPMENT DATA			
Well Development Date: 1/26/2021		Well Development Method (check one): <input type="checkbox"/> Surge/Pu <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)		Depth to Groundwater (before developing in feet): 4.8	
Pumping Rate (gallons per minute): .1		Maximum Drawdown of Groundwater During Development (feet): 5.18	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 0.4	Development Duration (minutes): 4	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Brown		Water Appearance (color and odor) At End of Development: Clear	

Start
1718
1722

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEVELOPMENT LOG

Site 33

WELL CONSTRUCTION DATA					
Well Number: TMW- <u>4/5B-12</u>		Project Name: SR 739 (Metro Parkway) Tierra Project No: 6511-13-078E		FDEP Facility I.D. Number:	Well Install Date(s): 1/27/2021
Well Location and Type (check appropriate boxes): <input type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: DR NA	
If AG, list feet of riser above land surface: <u>NA</u>				Surface Casing Install Method: NA	
Borehole Depth (feet): <u>6.5</u>	Well Depth (feet): <u>6.5</u>	Borehole Diameter (inches): 3.25	Manhole Diameter (inches): NA	Well Pad Size: NA feet by ___ feet	
Riser Diameter and Material: <u>4.0 in. PVC</u>	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)			Riser Length: <u>NA</u> feet from ___ feet to ___ feet	
Screen Diameter and Material: 1.0 in, PVC		Screen Slot Size: 0.010		Screen Length: <u>6.5</u> feet from <u>0</u> feet to <u>6.5</u> feet	
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): NA		1 st Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to ___ feet	
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): NA		2 nd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to ___ feet	
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): NA		3 rd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to ___ feet	
Filter Pack Material and Size: 20/30 Silica Sand	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: <u>6.5</u> feet from <u>0</u> feet to <u>6.5</u> feet		
Filter Pack Seal Material and Size:			Filter Pack Seal Length: <u>NA</u> feet from ___ feet to ___ feet		
Surface Seal Material: NA			Surface Seal Length: <u>NA</u> feet from ___ feet to ___ feet		

WELL DEVELOPMENT DATA			
Well Development Date: 1/27/2021		Well Development Method (check one): <input type="checkbox"/> Surge/Pu <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)		Depth to Groundwater (before developing in feet): <u>4.0</u>	
Pumping Rate (gallons per minute): <u>0.05</u>	Maximum Drawdown of Groundwater During Development (feet): <u>4.8</u>	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): <u>0.25</u>	Development Duration (minutes): <u>5</u>	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: <u>Brown</u> <u>None</u>		Water Appearance (color and odor) At End of Development: <u>Clear</u>	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

Start
0845
0850

WELL CONSTRUCTION AND DEVELOPMENT LOG

Site 67

WELL CONSTRUCTION DATA					
Well Number: TMW-5/50-13		Project Name: SR 739 (Metro Parkway) Tierra Project No: 6511-13-078E		FDEP Facility I.D. Number:	Well Install Date(s): 1/27/2021
Well Location and Type (check appropriate boxes): <input type="checkbox"/> On-Site <input checked="" type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: DP	
If AG, list feet of riser above land surface: NA				Surface Casing Install Method: NA	
Borehole Depth (feet): 5.5	Well Depth (feet): 5.5	Borehole Diameter (inches): 3.25	Manhole Diameter (inches): NA	Well Pad Size: NA feet by NA feet	
Riser Diameter and Material: 1.0 in, PVC	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)			Riser Length: 0 feet from 0 feet to 0 feet	
Screen Diameter and Material: 1.0 in, PVC		Screen Slot Size: 0.010		Screen Length: 5.5 feet from 0 feet to 5.5 feet	
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): NA		1 st Surface Casing Length: NA feet from 0 feet to 0 feet	
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): NA		2 nd Surface Casing Length: NA feet from 0 feet to 0 feet	
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): NA		3 rd Surface Casing Length: NA feet from 0 feet to 0 feet	
Filter Pack Material and Size: 20/30 Silica Sand	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: 5.5 feet from 0 feet to 5.5 feet		
Filter Pack Seal Material and Size:			Filter Pack Seal Length: NA feet from 0 feet to 0 feet		
Surface Seal Material: NA			Surface Seal Length: NA feet from 0 feet to 0 feet		

WELL DEVELOPMENT DATA			
Well Development Date: 1/27/2021		Well Development Method (check one): <input type="checkbox"/> Surge/Pu <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)		Depth to Groundwater (before developing in feet): 3.6	
Pumping Rate (gallons per minute): .14	Maximum Drawdown of Groundwater During Development (feet): 4.5	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 1	Development Duration (minutes): 7	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Brown		Water Appearance (color and odor) At End of Development: Clear	

*Start
1036
1043*

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEVELOPMENT LOG

Site 72 7 Eleven

WELL CONSTRUCTION DATA					
Well Number: TMW- <u>6/50-16</u>		Project Name: SR 739 (Metro Parkway) Tierra Project No: 6511-13-078E		FDEP Facility I.D. Number:	Well Install Date(s): 1/27/2021
Well Location and Type (check appropriate boxes): <input type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: DR NA	
If AG, list feet of riser above land surface: NA				Surface Casing Install Method: NA	
Borehole Depth (feet): 4.7	Well Depth (feet): 4.7	Borehole Diameter (inches): 3.25	Manhole Diameter (inches): NA	Well Pad Size: <u>NA</u> feet by <u> </u> feet	
Riser Diameter and Material: 4.0 in, PVC	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)			Riser Length: NA feet from <u> </u> feet to <u> </u> feet	
Screen Diameter and Material: 1.0 in, PVC		Screen Slot Size: 0.010		Screen Length: 4.7 feet from <u>0</u> feet to 4.7 feet	
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): NA		1 st Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to <u> </u> feet	
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): NA		2 nd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to <u> </u> feet	
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): NA		3 rd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to <u> </u> feet	
Filter Pack Material and Size: 20/30 Silica Sand		Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: 4.7 feet from <u>0</u> feet to 4.7 feet	
Filter Pack Seal Material and Size:				Filter Pack Seal Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet	
Surface Seal Material: NA				Surface Seal Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet	

WELL DEVELOPMENT DATA			
Well Development Date: 1/27/2021		Well Development Method (check one): <input type="checkbox"/> Surge/Pu <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)		Depth to Groundwater (before developing in feet): 3.4	
Pumping Rate (gallons per minute): .006		Maximum Drawdown of Groundwater During Development (feet): 4.7	Well Purged Dry (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): 0.1	Development Duration (minutes): 15	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: Brown		Water Appearance (color and odor) At End of Development: Clear	

*Start 1217
Stop
Re-start
Stop 1232*

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

WELL CONSTRUCTION AND DEVELOPMENT LOG

Side 75. Hi Tech Chambers

WELL CONSTRUCTION DATA					
Well Number: TMW- <u>7</u> / <u>27-19</u>	Project Name: SR 739 (Metro Parkway) Tierra Project No: 6511-13-078E	FDEP Facility I.D. Number: NA	Well Install Date(s): 1/27/2021		
Well Location and Type (check appropriate boxes): <input type="checkbox"/> On-Site <input checked="" type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input type="checkbox"/> Above Grade (AG) <input checked="" type="checkbox"/> Flush-to-Grade		Well Purpose: <input checked="" type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: Hand Auger	
If AG, list feet of riser above land surface: <u>NA</u>		Surface Casing Install Method: NA			
Borehole Depth (feet): <u>9</u>	Well Depth (feet): <u>9</u>	Borehole Diameter (inches): <u>3.25</u>	Manhole Diameter (inches): <u>NA</u>	Well Pad Size: <u>NA</u> feet by <u> </u> feet	
Riser Diameter and Material: <u>1.0 in. PVC</u>	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)	Riser Length: <u>0</u> feet from <u> </u> feet to <u> </u> feet			
Screen Diameter and Material: <u>1.0 in. PVC</u>		Screen Slot Size: <u>0.010</u>	Screen Length: <u>9</u> feet from <u>0</u> feet to <u>9</u> feet		
1 st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		1 st Surface Casing I.D. (inches): <u>NA</u>	1 st Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to <u> </u> feet		
2 nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		2 nd Surface Casing I.D. (inches): <u>NA</u>	2 nd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to <u> </u> feet		
3 rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		3 rd Surface Casing I.D. (inches): <u>NA</u>	3 rd Surface Casing Length: <u>NA</u> feet from <u>0</u> feet to <u> </u> feet		
Filter Pack Material and Size: <u>20/30 Silica Sand</u>	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Filter Pack Length: <u>9</u> feet from <u>0</u> feet to <u>9</u> feet		
Filter Pack Seal Material and Size:		Filter Pack Seal Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet			
Surface Seal Material: <u>NA</u>		Surface Seal Length: <u>NA</u> feet from <u> </u> feet to <u> </u> feet			

WELL DEVELOPMENT DATA			
Well Development Date: <u>10/2018</u> / <u>1/27/21</u>	Well Development Method (check one): <input type="checkbox"/> Surge/Pu <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)		
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)	Depth to Groundwater (before developing in feet): <u>6.30</u>		
Pumping Rate (gallons per minute): <u>.13</u>	Maximum Drawdown of Groundwater During Development (feet): <u>6.90</u>	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): <u>2</u>	Development Duration (minutes): <u>15</u>	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Appearance (color and odor) At Start of Development: <u>Br. / None</u>		Water Appearance (color and odor) At End of Development: <u>Clear / None</u>	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS
GPS Coords: NA 83

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue Tierra Project No: 6511-13-078E	SITE LOCATION: Lee County, Florida	
WELL NO: TMW-	SAMPLE ID: TMW-	DATE: 1/27/2021

PURGING DATA

WELL DIAMETER (inches): 1	TUBING (Internal) DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 0 feet to 7.5 feet	STATIC DEPTH TO WATER (feet): 4.86	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (7.5 feet - 4.86 feet) X .04 gallons/foot = .10 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + 0.13 gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1326	PURGING ENDED AT: 1346	TOTAL VOLUME PURGED (gallons): .35							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μ mhos/cm or μ S/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1340	.25	.25	.017	5.18	7.22	24.49	686	.50/6.0	17.5	Clear	None
1343	.051	.30	.017	5.18	7.20	24.48	682	.49/5.9	14.2	" "	" "
1346	.051	.35	.017	5.18	7.16	24.43	680	.49/5.9	16.1	" "	" "
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Sammy A. Tierra				SAMPLER(S) SIGNATURE(S): <i>Sammy A. Tierra</i>			SAMPLING INITIATED AT: 1347		SAMPLING ENDED AT: 1350	
PUMP OR TUBING DEPTH IN WELL (feet): 6				TUBING MATERIAL CODE: HDPE, S			FIELD-FILTERED: Y (N)		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced))				DUPLICATE: Y (N)						
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
TMW-1	3	CG	40mL	HCL	Lab	Lab	BTEX/MTBE		PP	378.50
↓	2	AG	100mL	H2SO4	↓	↓	FL Pro		↓	378.50
↓	1	AG	250mL	None	↓	↓	8270 PAH		↓	378.50
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: PP = Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: \pm 0.2 units Temperature: \pm 0.2 °C Specific Conductance: \pm 5% Dissolved Oxygen: all readings \leq 20% saturation (see Table FS 2200-2); optionally, \pm 0.2 mg/L or \pm 10% (whichever is greater) Turbidity: all readings \leq 20 NTU; optionally \pm 5 NTU or \pm 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue Tierra Project No: 6511-13-078E	SITE LOCATION: Lee County, Florida	
WELL NO: TMW- 2	SAMPLE ID: TMW- 2	DATE: 1/27/2021

PURGING DATA

WELL DIAMETER (inches): 1	TUBING (Internal) DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 0 feet to 8 feet	STATIC DEPTH TO WATER (feet): 5.76	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (8 feet - 5.76 feet) X 0.04 gallons/foot = .08 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X 1413 feet) + 0.13 gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1413	PURGING ENDED AT: 1446	TOTAL VOLUME PURGED (gallons): .47							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or (S/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1430	.25	.25	.014	6.32	7.12	25.39	630	6.16/75.2	28.4	Clear	None
1435	.07	.32	.014	6.32	7.10	25.65	642	5.87/72.0	25.7	" "	" "
1440	.07	.39	.014	6.32	7.10	25.29	640	4.85/59.0	18.1	" "	" "
1443	.04	.43	.014	6.32	7.09	25.30	642	4.84/59.1	13.3	" "	" "
1446	.04	.47	.014	6.32	7.10	25.31	641	4.82/59.1	10.4	" "	" "
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Sammy A./Tierra				SAMPLER(S) SIGNATURE(S): <i>Sammy Aurod</i>			SAMPLING INITIATED AT: 1447		SAMPLING ENDED AT: 1450	
PUMP OR TUBING DEPTH IN WELL (feet): 7				TUBING MATERIAL CODE: HDPE, S			FIELD-FILTERED: Y <input checked="" type="checkbox"/>		FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)				DUPLICATE: Y <input checked="" type="checkbox"/>			FILTRATION EQUIPMENT TYPE: Disposable, sealed, in-line filter			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
TMW- 2	3	CG	40mL	HCL	Lab	Lab	BTEX/MTBE	PP	378.50	
↓	2	AG	100mL	H2SO4	↓	↓	FL Pro	↓	378.50	
↓	1	AG	250mL	None	↓	↓	8270 PAH	↓	378.50	
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: PP = Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue Tierra Project No: 6511-13-078E	SITE LOCATION: Lee County, Florida
WELL NO: TMW- 3	SAMPLE ID: TMW- 3
DATE: 1/27/2021	

PURGING DATA

WELL DIAMETER (inches): 1	TUBING (Internal) DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 0 feet to 8 feet	STATIC DEPTH TO WATER (feet): 4.75	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (8 feet - 4.75 feet) X .04 gallons/foot = .13 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + 0.13 gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5'12"	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6'	PURGING INITIATED AT: 1515	PURGING ENDED AT: 1543	TOTAL VOLUME PURGED (gallons): .62							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1537	.50	.50	.022	4.98	6.99	24.70	682	.34/4.1	15.7	Clear	None
1540	.066	.56	.022	4.98	6.99	24.73	681	.33/4.0	9.22	" "	" "
1543	.060	.62	.022	4.98	6.99	24.72	682	.33/4.0	7.10	" "	" "
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Sammy A./Tierra				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1544		SAMPLING ENDED AT: 1547	
PUMP OR TUBING DEPTH IN WELL (feet): 6'				TUBING MATERIAL CODE: HDPE, S			FIELD-FILTERED: Y (N)		FILTER SIZE: _____ μm Filtration Equipment Type: Disposable, sealed, in-line filter	
FIELD DECONTAMINATION: PUMP Y (N)				TUBING Y (N (replaced))			DUPLICATE: Y (N)			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
TMW-3	3	CG	40mL	HCL	Lab	Lab	BTEX/MTBE	PP	378.50	
↓	2	AG	100mL	H2SO4	↓	↓	FL Pro	↓	378.50	
↓	1	AG	250mL	None	↓	↓	8270 PAH	↓	378.50	
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: PP = Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue Tierra Project No: 6511-13-078E	SITE LOCATION: Lee County, Florida
WELL NO: TMW- 4	SAMPLE ID: TMW- 4
DATE: 1/ 28 2021	

PURGING DATA

WELL DIAMETER (inches): 1	TUBING (Internal) DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 0 feet to 6.5 feet	STATIC DEPTH TO WATER (feet): 4.16	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (6.5 feet - 4.16 feet) X .04 gallons/foot = .09 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + 0.13 gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5 1/2	PURGING INITIATED AT: 0918	PURGING ENDED AT: 0941	TOTAL VOLUME PURGED (gallons): .53							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μ mhos/cm or μ S/cm	DISSOLVED OXYGEN (circle units) mg/L \pm % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0928	.25	.25	.025	4.28	7.16	23.14	561	.64/7.4	17.7	Clear	None
0932	.075	.32	.025	4.28	7.15	23.10	560	.68/6.8	9.14	" "	" "
0935	.075	.39	.025	4.28	7.15	23.18	559	.53/6.2	5.58	" "	" "
0938	.075	.46	.025	4.28	7.15	23.19	559	.54/6.3	4.87	" "	" "
0941	.075	.53	.025	4.28	7.14	23.19	558	.54/6.2	3.40	" "	" "
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Sammy A./Tierra				SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: 0943		SAMPLING ENDED AT: 0948	
PUMP OR TUBING DEPTH IN WELL (feet): 5 1/2				TUBING MATERIAL CODE: HDPE, S				FIELD-FILTERED: Y <input checked="" type="checkbox"/>		FILTER SIZE: _____ μ m Filtration Equipment Type: Disposable, sealed, in-line filter	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>				TUBING Y <input checked="" type="checkbox"/> (replaced)				DUPLICATE: Y <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
TMW-4	3	CG	40mL	HCL	Lab	Lab	BTEX/MTBE		PP	378.50	
↓	2	AG	100mL	H2SO4	↓	↓	FL Pro		↓	378.50	
↓	1	AG	250mL	None	↓	↓	8270 PAH		↓	578.50	
REMARKS:											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: PP = Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: \pm 0.2 units **Temperature:** \pm 0.2 °C **Specific Conductance:** \pm 5% **Dissolved Oxygen:** all readings \leq 20% saturation (see Table FS 2200-2); optionally, \pm 0.2 mg/L or \pm 10% (whichever is greater) **Turbidity:** all readings \leq 20 NTU; optionally \pm 5 NTU or \pm 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue Tierra Project No: 6511-13-078E	SITE LOCATION: Lee County, Florida
WELL NO: TMW- 5	SAMPLE ID: TMW- 5
DATE: 1/28/2021	

PURGING DATA

WELL DIAMETER (inches): 1	TUBING (Internal) DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 0 feet to 5.5 feet	STATIC DEPTH TO WATER (feet): 3.70	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (5.5 feet - 3.70 feet) X .04 gallons/foot = .07 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + 0.13 gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1010	PURGING ENDED AT: 1034	TOTAL VOLUME PURGED (gallons): .49							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1022	.25	.25	.020	4.12	7.03	21.37	657	.54/6.1	19.9	Clear	None
1028	.12	.37	.020	4.12	7.01	21.49	657	.47/5.3	16.4	" "	" "
1031	.06	.43	.020	4.12	7.01	21.80	656	.47/5.3	10.8	" "	" "
1034	.06	.49	.020	4.12	7.01	21.50	656	.47/5.3	9.11	" "	" "
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Sammy A./Tierra				SAMPLER(S) SIGNATURE(S): <i>Sammy A.</i>			SAMPLING INITIATED AT: 1035		SAMPLING ENDED AT: 1039	
PUMP OR TUBING DEPTH IN WELL (feet): 5				TUBING MATERIAL CODE: HDPE, S			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N		FILTER SIZE: _____ μm Filtration Equipment Type: Disposable, sealed, in-line filter	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N				TUBING Y <input checked="" type="checkbox"/> (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/> N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
TMW-5	3	CG	40mL	HCL	Lab	Lab	BTEX/MTBE	PP	378.50	
↓	2	AG	100mL	H2SO4	↓	↓	FL Pro	↓	378.50	
↓	1	AG	250mL	None	↓	↓	8270 PAH	↓	378.50	
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: PP = Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue Tierra Project No: 6511-13-078E	SITE LOCATION: Lee County, Florida
WELL NO: TMW- 6	SAMPLE ID: TMW- 6
DATE: 1/28/2021	

PURGING DATA

WELL DIAMETER (inches): 1	TUBING (Internal) DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 0 feet to 4.7 feet	STATIC DEPTH TO WATER (feet): 3.70	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (4.7 feet - 3.70 feet) X .04 gallons/foot = .04 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + 0.13 gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4 1/2	PURGING INITIATED AT: 1101	PURGING ENDED AT: 1126	TOTAL VOLUME PURGED (gallons): .31

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μ mhos/cm or μ S/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1120	.25	.25	.013	4.20	7.18	21.09	1044	6.30/71.2	14.3	Clear	None
1123	.039	.28	.013	4.20	7.18	21.06	1047	6.33/71.3	14.1	" "	" "
1126	.039	.31	.013	4.20	7.18	21.06	1048	6.30/71.2	13.6	" "	" "

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Sammy A./Tierra			SAMPLER(S) SIGNATURE(S): <i>Sammy A. Tierra</i>			SAMPLING INITIATED AT: 1127		SAMPLING ENDED AT: 1130	
PUMP OR TUBING DEPTH IN WELL (feet): 4 1/2			TUBING MATERIAL CODE: HDPE, S			FIELD-FILTERED: Y <input checked="" type="checkbox"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> (replaced)			DUPLICATE: Y <input checked="" type="checkbox"/>			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
TMW- 6	3	CG	40mL	HCL	Lab	Lab	BTEX/MTBE	PP	378.50
↓	2	AG	100mL	H2SO4	↓	↓	FL Pro	↓	378.50
↓	1	AG	250mL	None	↓	↓	8270 PAH	↓	378.50

REMARKS:
 MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: PP = Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: \pm 0.2 units **Temperature:** \pm 0.2 °C **Specific Conductance:** \pm 5% **Dissolved Oxygen:** all readings \leq 20% saturation (see Table FS 2200-2); optionally, \pm 0.2 mg/L or \pm 10% (whichever is greater) **Turbidity:** all readings \leq 20 NTU; optionally \pm 5 NTU or \pm 10% (whichever is greater)

Revision Date: February 12, 2009

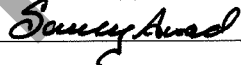
**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: SR 739 (Metro Parkway) from Daniels Parkway to Winkler Avenue Tierra Project No: 6511-13-078E	SITE / LOCATION: Lee County, Florida
WELL NO: TMW- 7	SAMPLE ID: TMW- 7
DATE: 1/28/2021	

PURGING DATA

WELL DIAMETER (inches): 1	TUBING (Internal) DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 0 feet to 9 feet	STATIC DEPTH TO WATER (feet): 6.30	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (9 feet - 6.30 feet) X .04 gallons/foot = .10 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + 0.13 gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7 1/2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7 1/2	PURGING INITIATED AT: 1200	PURGING ENDED AT: 1229	TOTAL VOLUME PURGED (gallons): .93							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μ mhos/cm or μ S/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1215	.50	.50	.033	6.80	7.00	25.75	1188	3.62/35.1	58.4	Clear	None
1218	.09	.59	.033	6.80	7.02	25.75	1198	2.65/31.6	36.6	" "	" "
1223	.16	.75	.033	6.80	7.00	25.80	1189	1.09/13.3	18.7	" "	" "
1226	.09	.84	.033	6.80	7.00	25.75	1188	1.07/13.2	16.9	" "	" "
1229	.09	.93	.033	6.80	7.00	25.74	1189	1.07/13.3	10.4	" "	" "
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Sammy A. Tierra				SAMPLER(S) SIGNATURE(S): 				SAMPLING INITIATED AT: 1230		SAMPLING ENDED AT: 1233		
PUMP OR TUBING DEPTH IN WELL (feet): 7 1/2				TUBING MATERIAL CODE: HDPE, S				FIELD-FILTERED: Y <input checked="" type="checkbox"/>		FILTER SIZE: _____ μ m Filtration Equipment Type: Disposable, sealed, in-line filter		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/>				TUBING Y <input checked="" type="checkbox"/> (replaced)				DUPLICATE: Y <input checked="" type="checkbox"/>				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH						
TMW- 7	3	CG	40mL	HCL	Lab	Lab	BTEX/MTBE		PP		378.50	
↓	2	AG	100mL	H2SO4	↓	↓	FL Pro		↓		378.50	
↓	1	AG	250mL	None	↓	↓	8270 PAH		↓		378.50	
REMARKS:												
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)												
SAMPLING EQUIPMENT CODES: PP = Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)												

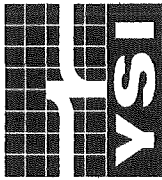
NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: \pm 0.2 units Temperature: \pm 0.2 °C Specific Conductance: \pm 5% Dissolved Oxygen: all readings \leq 20% saturation (see Table FS 2200-2); optionally, \pm 0.2 mg/L or \pm 10% (whichever is greater) Turbidity: all readings \leq 20 NTU; optionally \pm 5 NTU or \pm 10% (whichever is greater)



US Environmental Rental Corporation

(888) 550-8100

www.usenvironmental.com



166 Riverview Ave, Waltham, MA 02453 (781) 899-1560
 91 Prestige Park Circle, Suite 5, East Hartford, CT 06108 (860) 289-8700
 5C South Gold Dr, Hamilton, NJ 08691 (609) 570-8555
 1202 Tech Blvd., Suite 108, Tampa, FL 33619 (813) 628-4200
 781 Industrial Dr, Elmhurst, IL 60126 (630) 501-1847

Order No.: 56578
 Date: 1/22/2021
 Technician: AV

Company: Tierra Eng
 Contact: Sammy Awad
 Phone #: #N/A

Packing List

Item	Serial Number	Tech	QC		
556	0	✓	✓		
Handheld Display	07H100371				
Item	Tech	QC	Item	Tech	QC
Cable 4'	✓		AC Adaptor		
Flow Cell	✓		Stand		
Barb Kit	✓		D.O Kit	✓	
Storage / Cal Cup	✓		Calibration Kit	✓	
Sensor Guard	✓				
Manual					
Sonde Cap	✓				
Software					
Extra Batteries	✓				
Display Comm. Cable					
Sonde Comm. Cable					

Calibration Report

Parameter	Accuracy	Before	After	Lot #
556			0	
Conductivity 1413 µs/cm	(+/- .5%)	1329	1413	190618D
pH 7 Buffer	(+/- .2)	6.98	7.00	190618B
pH mV for 7 Buffer	(0 +/- 50)		1.2	
pH 4 Buffer	(+/- .2)	4.05	4.00	190618C
pH mV for 4 Buffer	(180 +/- 50)		172.3	
pH 10 Buffer	(+/- .2)	10.02	10.00	19061A
pH mV for 10 Buffer	(-180 +/- 50)		-171.2	
ORP mV, 237.5	(+/- 20 mV)	234.2	238.00	9GB139
DO 100% Sat	(+/- 2%)	118.4%	10030.0%	
0% DO Check	(+/- 2%)		0.70	
Turbidity 0 NTU	(+/- 5%)			
Turbidity 126 NTU	(+/- 5%)			

Lab Conditions during calibration

All calibration standards are NIST traceable. Calibration must be performed according to manufacturer's specifications.

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.

Boldly "X" this box if there is qualified data on this page.

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FD 1500, FD 1000-FD 4000) 11-10-06

Project/Site: 52-339 Ntho Parkway 0511-B-079E Date: 1/27/21 Meter # 07H0037

Temperature (Quarterly) For Date of Last Temperature Verification see in log book

DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °C	% DO	Saturation mg/L (from chart)	Pass or Fail
CAL CCV	SA	1/27/21	1315	NA	NA	7.642	28.1	100.3	7.814	P
CAL CCV	SA	1/27/21	1610			7.811	28.0	100.1	7.745	P
CAL CCV	SA	1/28/21	0908			7.791	27.5	100.9	7.898	P
CAL CCV	SA	1/28/21	0908							P
CAL CCV										P
CAL CCV										P

DEP SOP FT 1200	Initials	Date	Time	Standard μmhos/cm	Exp. Date	Lot #	Bottle #	Cell Constant	Reading μmhos/cm	Pass or Fail
CAL CCV	SA	1/27/21	1315	1413	Sep-21	0611054	NA	NA	1413	P
CAL CCV	SA	1/27/21	1610	1413	"	"	"	"	1415	P
CAL CCV	SA	1/28/21	0908	1413	"	"	"	"	1415	P
CAL CCV	SA	1/28/21	1248	1413	"	"	"	"	1418	P
CAL CCV										P
CAL CCV										P

DEP SOP FT 1100	Initials	Date	Time	Standard SU	Exp. Date	Lot #	Bottle #	Slope	Reading SU	Pass or Fail
CAL CCV	SA	1/27/21	1315	7.00	Sep-22	0611113	NA	NA	6.98	P
CAL CCV	SA			10.00	Sep-22	0611225			10.01	P
CAL CCV	SA			4.00	Sep-22	0611407			4.02	P
CAL CCV	SA			7.00	"	"	"	"	7.01	P
CAL CCV	SA			10.00	"	"	"	"	9.98	P
CAL CCV	SA			4.00	"	"	"	"	4.01	P
CAL CCV	SA	1/28/21	0908	7.00	"	"	"	"	7.00	P
CAL CCV	SA			10.00	"	"	"	"	9.99	P
CAL CCV	SA			4.00	"	"	"	"	4.02	P

Maintenance: Weekly pH Slope: 1248 Dissolved Oxygen Membrane Changed: Yes No

Notes: CCV CCV CCV CCV CCV CCV

Perform only in Calibrate Mode:
 ICV - Initial Calibration Verification
 CCV - Continuing Calibration Verification



Monitoring

PERMIT

PERMIT NUMBER: NRP2021-00121

ISSUED: 01/20/2021

Owner Name: LEE COUNTY ROW

EXPIRES: 07/20/2021

Contractor:

Description: Install (1) 1" x 12' MW in ROW near 6100 Daniels Pkwy

Job Address: 4 ROW METRO PKWY

Date of Construction:

Gallons/Minute:

Total Well Depth:

Casing Depth:

Sacks of Cement:

Well Use: Monitoring

Well Use 2:

INSPECTION REQUEST LINE: (239) 533-8997

****Notation- All Permits are CALLED IN and/or CANCELED by PERMIT (#) and PIN (#) only****

****ATTENTION - Prior to 6:30a.m. the morning of commencement of drilling the Contractor must call in Permit # to schedule inspection on Inspection Line.**

**SPECIAL CONDITIONS REQUIRED (as summarized)
WELL MUST BE PLUGGED WITHIN 2 WEEKS OF DRILLING.**

NO well construction performed after hours and/or weekends, except for emergency well. (Ref) Well Code, 06-09, Appendix A, Section II - Well Construction. Drilling after regular work hours: An after-hour inspection fee (\$130.00 per hr) may be assessed for inspections performed outside normal working hours (7:00a.m. to 4:00p.m.) of county well inspectors.

The issuance of this permit does not relieve the responsibility of the Well Contractor to obtain all required local, state, and federal permits, which may be required to perform this work. Lee County recommends that you contact all private utility service organizations prior to commencing work.

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY, AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

ILLICIT STORMWATER AND NON-STORMWATER DISCHARGES INTO THE MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) OR OTHER RECEIVING WATERS ARE PROHIBITED. UNLESS OTHERWISE PERMITTED, THERE ARE NO DISCHARGES ALLOWED TO LEE COUNTY MS4 EXCEPT UNCONTAMINATED STORMWATER RUNOFF.

THIS CARD MUST BE PLACED ON A BOARD AT EYE LEVEL SO IT CAN BE READ FROM STREET AND BE PROTECTED FROM THE WEATHER.



Monitoring

PERMIT

PERMIT NUMBER: NRP2021-00125

ISSUED: 01/19/2021

Owner Name: LEE COUNTY ROW

EXPIRES: 07/19/2021

Contractor:

Description: Install (1) 1" x 12' MW in ROW near 13031 Metro Pkwy

Job Address: 4 ROW METRO PKWY

Date of Construction:

Gallons/Minute:

Total Well Depth:

Casing Depth:

Sacks of Cement:

Well Use: Monitoring

Well Use 2:

INSPECTION REQUEST LINE: (239) 533-8997

****Notation- All Permits are CALLED IN and/or CANCELED by PERMIT (#) and PIN (#) only****

****ATTENTION - Prior to 6:30a.m. the morning of commencement of drilling the Contractor must call in Permit # to schedule inspection on Inspection Line.**

SPECIAL CONDITIONS REQUIRED (as summarized)

NO well construction performed after hours and/or weekends, except for emergency well. (Ref) Well Code, 06-09, Appendix A, Section II - Well Construction. Drilling after regular work hours: An after-hour inspection fee (\$130.00 per hr) may be assessed for inspections performed outside normal working hours (7:00a.m. to 4:00p.m.) of county well inspectors.

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Monitoring

PERMIT

PERMIT NUMBER: NRP2021-00127

ISSUED: 01/19/2021

Owner Name: LEE COUNTY ROW

EXPIRES: 07/19/2021

Contractor:

Description: Install (1) 1" x 12' MW in ROW near 12251 Metro Pkwy

Job Address: 4 ROW METRO PKWY

Date of Construction:

Gallons/Minute:

Total Well Depth:

Casing Depth:

Sacks of Cement:

Well Use: Monitoring

Well Use 2:

INSPECTION REQUEST LINE: (239) 533-8997

****Notation- All Permits are CALLED IN and/or CANCELED by PERMIT (#) and PIN (#) only****

****ATTENTION - Prior to 6:30a.m. the morning of commencement of drilling the Contractor must call in Permit # to schedule inspection on Inspection Line.**

SPECIAL CONDITIONS REQUIRED (as summarized)

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Monitoring

PERMIT

PERMIT NUMBER: NRP2021-00129

ISSUED: 01/19/2021

Owner Name: LEE COUNTY ROW

EXPIRES: 07/19/2021

Contractor:

Description: Install (1) 1" x 12' MW in ROW near 2980 Colonial Blvd

Job Address: 4 ROW METRO PKWY

Date of Construction:

Gallons/Minute:

Total Well Depth:

Casing Depth:

Sacks of Cement:

Well Use: Monitoring

Well Use 2:

INSPECTION REQUEST LINE: (239) 533-8997

****Notation- All Permits are CALLED IN and/or CANCELED by PERMIT (#) and PIN (#) only****

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Monitoring

PERMIT

PERMIT NUMBER: NRP2021-00131

ISSUED: 01/19/2021

Owner Name: LEE COUNTY ROW

EXPIRES: 07/19/2021

Contractor:

Description: Install (1) 1" x 12' MW in ROW near 12210 Metro Pkwy

Job Address: 4 ROW METRO PKWY

Date of Construction:

Gallons/Minute:

Total Well Depth:

Casing Depth:

Sacks of Cement:

Well Use: Monitoring

Well Use 2:

INSPECTION REQUEST LINE: (239) 533-8997

****Notation- All Permits are CALLED IN and/or CANCELED by PERMIT (#) and PIN (#) only****

****ATTENTION - Prior to 6:30a.m. the morning of commencement of drilling the Contractor must call in Permit # to schedule inspection on Inspection Line.**

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Monitoring

PERMIT

PERMIT NUMBER: NRP2021-00132

ISSUED: 01/19/2021

Owner Name: LEE COUNTY ROW

EXPIRES: 07/19/2021

Contractor:

Description: Install (1) 1" x 12' MW in ROW near 10800 Metro Pkwy

Job Address: 4 ROW METRO PKWY

Date of Construction:

Gallons/Minute:

Total Well Depth:

Casing Depth:

Sacks of Cement:

Well Use: Monitoring

Well Use 2:

INSPECTION REQUEST LINE: (239) 533-8997

****Notation- All Permits are CALLED IN and/or CANCELED by PERMIT (#) and PIN (#) only****

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Monitoring

PERMIT

PERMIT NUMBER: NRP2021-00134

ISSUED: 01/20/2021

Owner Name: LEE COUNTY ROW

EXPIRES: 07/20/2021

Contractor:

Description: Install (4) 1" x 12' MWs in ROW near 3941 Metro Pkwy

Job Address: 4 ROW METRO PKWY

Date of Construction:

Gallons/Minute:

Total Well Depth:

Casing Depth:

Sacks of Cement:

Well Use: Monitoring

Well Use 2:

INSPECTION REQUEST LINE: (239) 533-8997

****Notation- All Permits are CALLED IN and/or CANCELED by PERMIT (#) and PIN (#) only****

****ATTENTION - Prior to 6:30a.m. the morning of commencement of drilling the Contractor must call in Permit # to schedule inspection on Inspection Line.**

**SPECIAL CONDITIONS REQUIRED (as summarized)
WELL MUST BE PLUGGED WITHIN 2 WEEKS OF DRILLING.**

NO well construction performed after hours and/or weekends, except for emergency well. (Ref) Well Code, 06-09, Appendix A, Section II - Well Construction. Drilling after regular work hours: An after-hour inspection fee (\$130.00 per hr) may be assessed for inspections performed outside normal working hours (7:00a.m. to 4:00p.m.) of county well inspectors.

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THIS CARD MUST BE PLACED ON A BOARD AT EYE LEVEL SO IT CAN BE READ FROM STREET AND BE PROTECTED FROM THE WEATHER.



STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp

- Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
Delegated Authority (If Applicable)

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Lee

Official Use Only

1.*Permit Number MR2021-00121 *CUP/WUP Number *DID Number 62-524 Delineation No.

2.*Number of permitted wells constructed, repaired, or abandoned 1 *Number of permitted wells not constructed, repaired, or abandoned 0

3.*Owner's Name FDOT 4.*Completion Date 1-27-2021 5. Florida Unique ID

6. Row Metro Pkwy (Closest Address: 6100 Daniels Pkwy, Fort Myers, FL
*Well Location - Address, Road Name or Number, City, ZIP

7.*County LEE *Section 19 Land Grant *Township 45 *Range 25

8. Latitude Longitude

9. Data Obtained From: GPS X Map Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: X Construction Repair Modification Abandonment

11.*Specify Intended Use(s) of Well(s):
Domestic Landscape Irrigation Agricultural Irrigation Site Investigation
Bottled Water Supply Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe)
Other (Describe)

12.*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling X Hydraulic Point (Direct Push) Other

13.*Measured Static Water Level 4 ft. Measured Pumping Water Level ft. After Hours at GPM

14.*Measuring Point (Describe) Which is ft. Above Below Land Surface *Flowing: Yes No

15.*Casing Material: Black Steel Galvanized X PVC Stainless Steel Not Cased Other

16.*Total Well Depth 7 ft. Cased Depth 2 ft. *Open Hole: From To ft. *Screen: From 2 To 7 ft. Slot Size .016

17.*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.*Primary Casing Diameter and Depth:
Dia 1 in. From 0 ft. To 2 ft. No. of Bags .04 Seal Material (Check One): X Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
*Contractor Name Gregory Campbell *License Number 2613 E-mail Address greg@pdsflorida.com
*Contractor's Signature Greg Campbell *Driller's Name (Print or Type) Danny Richards
(I certify that the information provided in this report is accurate and true.)



STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp

- Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) LEE

Official Use Only

1.*Permit Number NR2021-00125 *CUP/WUP Number *DID Number 62-524 Delineation No.

2.*Number of permitted wells constructed, repaired, or abandoned 1 *Number of permitted wells not constructed, repaired, or abandoned 0

3.*Owner's Name LEE County Row 4.*Completion Date 1-27-2021 5. Florida Unique ID

6. 4 Row Metro Pkwy, Closest Address, 13031 Metro Pkwy, Fort Myers FL
*Well Location - Address, Road Name or Number, City, ZIP

7.*County LEE *Section 1a Land Grant *Township 45 *Range 25

8. Latitude Longitude

9. Data Obtained From: GPS X Map Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: X Construction Repair Modification Abandonment

11.*Specify Intended Use(s) of Well(s):
Domestic Landscape Irrigation Agricultural Irrigation Site Investigation
Bottled Water Supply Recreation Area Irrigation Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe)
Other (Describe)

12.*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling X Hydraulic Point (Direct Push) Other

13.*Measured Static Water Level 4 ft. Measured Pumping Water Level ft. After Hours at GPM

14.*Measuring Point (Describe) Which is ft. Above Below Land Surface *Flowing: Yes No

15.*Casing Material: Black Steel Galvanized X PVC Stainless Steel Not Cased Other

16.*Total Well Depth 8 ft. Cased Depth 3 ft. *Open Hole: From To ft. *Screen: From 3 To 8 ft. Slot Size .010

17.*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.*Primary Casing Diameter and Depth:
Dia 1 in. From 0 ft. To 3 ft. No. of Bags .04 Seal Material (Check One): X Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
*Contractor Name Gregory Campbell *License Number 2613 E-mail Address greg@pds-florida.com
*Contractor's Signature Greg Campbell *Driller's Name (Print or Type) Danny Richards
(I certify that the information provided in this report is accurate and true.)



STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp
Official Use Only

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)
Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
[X] Delegated Authority (If Applicable) LEE

1.*Permit Number: MR2021-00127 *CUP/WUP Number *DID Number 62-524 Delineation No.

2.*Number of permitted wells constructed, repaired, or abandoned 1 *Number of permitted wells not constructed, repaired, or abandoned 0

3.*Owner's Name LEE County Row 4.*Completion Date 1-27-2021 5. Florida Unique ID

6. Row Metro Pkwy, Closest Address: 12251 Metro Pkwy, Fort Myers FL
*Well Location - Address, Road Name or Number, City, ZIP

7.*County LEE *Section 19 Land Grant *Township 45 *Range 25

8. Latitude Longitude

9. Data Obtained From: GPS [X] Map Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: [X] Construction Repair Modification Abandonment

11.*Specify Intended Use(s) of Well(s):
Domestic Landscape Irrigation Agricultural Irrigation Site Investigation
Bottled Water Supply Recreation Area Irrigation Livestock [X] Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe) Temporary well
Other (Describe)

12.*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling [X] Hydraulic Point (Direct Push) Other

13.*Measured Static Water Level 4 ft. Measured Pumping Water Level ft. After Hours at GPM

14.*Measuring Point (Describe) Which is ft. Above Below Land Surface *Flowing: Yes No

15.*Casing Material: Black Steel Galvanized [X] PVC Stainless Steel Not Cased Other

16.*Total Well Depth 7 ft. Cased Depth 2 ft. *Open Hole: From To ft. *Screen: From 2 To 7 ft. Slot Size .016

17.*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.*Primary Casing Diameter and Depth:
Dia 1 in. From 0 ft. To 2 ft. No. of Bags .04 Seal Material (Check One): [X] Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
*Contractor Name Gregory Campbell *License Number 2613 E-mail Address greg@pds-florida.com
*Contractor's Signature Greg Campbell *Driller's Name (Print or Type) Danny Richards
(I certify that the information provided in this report is accurate and true.)



STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp
Official Use Only

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)
Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
X Delegated Authority (If Applicable) LEE

1.*Permit Number: URB2021-00129 *CUP/WUP Number *DID Number 62-524 Delineation No.

2.*Number of permitted wells constructed, repaired, or abandoned 1 *Number of permitted wells not constructed, repaired, or abandoned 0

3.*Owner's Name LEE County Row 4.*Completion Date 1-27-2021 5. Florida Unique ID

6. Row Metro Pkwy, (Closest Address: 2980 Colonial Blvd, Fort Myers, FL
*Well Location - Address, Road Name or Number, City, ZIP

7.*County Lee *Section 19 Land Grant *Township 45 *Range 25

8. Latitude Longitude

9. Data Obtained From: GPS X Map Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: X Construction Repair Modification Abandonment

11.*Specify Intended Use(s) of Well(s):
Domestic Landscape Irrigation Agricultural Irrigation Site Investigation
Bottled Water Supply Recreation Area Irrigation Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge X Other (Describe) Temporary well
Other (Describe)

12.*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling X Hydraulic Point (Direct Push) Other

13.*Measured Static Water Level 4 ft. Measured Pumping Water Level ft. After Hours at GPM

14.*Measuring Point (Describe) Which is ft. Above Below Land Surface *Flowing: Yes No

15.*Casing Material: Black Steel Galvanized X PVC Stainless Steel Not Cased Other

16.*Total Well Depth 5 ft. Cased Depth 1 ft. *Open Hole: From To ft. *Screen: From 1 To 5 ft. Slot Size .016

17.*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.*Primary Casing Diameter and Depth:
Dia 1 in. From 0 ft. To 1 ft. No. of Bags .04 Seal Material (Check One): X Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
*Contractor Name Gregory Campbell *License Number 2613 E-mail Address greg@pds-florida.com
*Contractor's Signature Greg Campbell *Driller's Name (Print or Type) Danny Richards
(I certify that the information provided in this report is accurate and true.)



STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp
Official Use Only

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)
Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
Delegated Authority (If Applicable) LEE

1.*Permit Number: WRP 2021-00132
2.*Number of permitted wells constructed, repaired, or abandoned: 1
3.*Owner's Name: LEE County Row
4.*Completion Date: 1-27-2021
6. Row Metro Parkway C Closest Address: 10800 Metro Pkwy, Fort Myers FL
7.*County: LEE
8. Latitude
9. Data Obtained From: GPS, Map, Survey
10.*Type of Work: Construction
11.*Specify Intended Use(s) of Well(s):
12.*Drill Method: Rotary, Hydraulic Point (Direct Push)
13.*Measured Static Water Level: 4 ft.
14.*Measuring Point (Describe):
15.*Casing Material: PVC
16.*Total Well Depth: 6 ft.
17.*Abandonment:
18.*Surface Casing Diameter and Depth:
19.*Primary Casing Diameter and Depth:
20.*Liner Casing Diameter and Depth:
21.*Telescope Casing Diameter and Depth:

22. Pump Type (If Known):
23. Chemical Analysis (When Required):
24. Water Well Contractor:
*Contractor Name: Gregory Campbell
*Contractor's Signature: Greg Campbell
*License Number: 2613
E-mail Address: greg@pds-florida.com
*Driller's Name (Print or Type): Danny Richards



STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp

- Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
Delegated Authority (If Applicable)

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

LEE

Official Use Only

1.*Permit Number NRP2021-00134 *CUP/WUP Number *DID Number 62-524 Delineation No.

2.*Number of permitted wells constructed, repaired, or abandoned 1 *Number of permitted wells not constructed, repaired, or abandoned 3

3.*Owner's Name LEE County Row 4.*Completion Date 1-27-21 5. Florida Unique ID

6. Row Winkler Ave C Closest Address: 3941 Metro Pkwy, Fort Myers FL
*Well Location - Address, Road Name or Number, City, ZIP

7.*County Lee *Section 19 Land Grant *Township 45 *Range 25

8. Latitude Longitude

9. Data Obtained From: GPS Y Map Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: X Construction Repair Modification Abandonment

11.*Specify Intended Use(s) of Well(s):
Domestic Landscape Irrigation Agricultural Irrigation Site Investigation
Bottled Water Supply Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Y Other (Describe) Temporary well
Other (Describe)

12.*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Y Hydraulic Point (Direct Push) Other

13.*Measured Static Water Level ft. Measured Pumping Water Level ft. After Hours at GPM

14.*Measuring Point (Describe) Which is ft. Above Below Land Surface *Flowing: Yes No

15.*Casing Material: Black Steel Galvanized X PVC Stainless Steel Not Cased Other

16.*Total Well Depth 9 ft. Cased Depth 2 ft. *Open Hole: From To ft. *Screen: From 2 To 9 ft. Slot Size .015

17.*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.*Primary Casing Diameter and Depth:
Dia 1 in. From 0 ft. To 2 ft. No. of Bags 104 Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
*Contractor Name Gregory Campbell *License Number 2613 E-mail Address greg@pdsflorida.com
*Contractor's Signature Greg Campbell *Driller's Name (Print or Type) Danny Richards
(I certify that the information provided in this report is accurate and true.)



STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp

- Southwest
- Northwest
- St. Johns River
- South Florida
- Suwannee River
- DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) LEE

Official Use Only

1.*Permit Number WR2021-00131 *CUP/WUP Number _____ *DID Number _____ 62-524 Delineation No. _____

2.*Number of permitted wells constructed, repaired, or abandoned 1 *Number of permitted wells not constructed, repaired, or abandoned 0

3.*Owner's Name LEE County Row 4.*Completion Date 1-27-2021 5. Florida Unique ID _____

6. Row Metro Pkwy, Closest Address: 12210 Metro Parkway, Fort Myers FL
*Well Location - Address, Road Name or Number, City, ZIP

7.*County LEE *Section 1A Land Grant _____ *Township 45 *Range 25

8. Latitude _____ Longitude _____

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: Construction Repair Modification Abandonment

11.*Specify Intended Use(s) of Well(s):

<input type="checkbox"/> Domestic	<input type="checkbox"/> Landscape Irrigation	<input type="checkbox"/> Agricultural Irrigation	<input type="checkbox"/> Site Investigation
<input type="checkbox"/> Bottled Water Supply	<input type="checkbox"/> Recreation Area Irrigation	<input type="checkbox"/> Livestock	<input checked="" type="checkbox"/> Monitoring
<input type="checkbox"/> Public Water Supply (Limited Use/DOH)	<input type="checkbox"/> Commercial/Industrial	<input type="checkbox"/> Nursery Irrigation	<input type="checkbox"/> Test
<input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP)	<input type="checkbox"/> Golf Course Irrigation	<input type="checkbox"/> Earth-Coupled Geothermal	<input type="checkbox"/> HVAC Supply
<input type="checkbox"/> Class I Injection		<input type="checkbox"/> HVAC Return	

Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage

Remediation: Recovery Air Sparge Other (Describe) Temporary well

Other (Describe) _____

12.*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
 Horizontal Drilling Hydraulic Point (Direct Push) Other _____

13.*Measured Static Water Level 4 ft. Measured Pumping Water Level _____ ft. After _____ Hours at _____ GPM

14.*Measuring Point (Describe) _____ Which is _____ ft. Above/Below Land Surface *Flowing: Yes No

15.*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other _____

16.*Total Well Depth 7 ft. Cased Depth 0 ft. *Open Hole: From _____ To _____ ft. *Screen: From 2 To 7 ft. Slot Size .00

17.*Abandonment: Other (Explain) _____

From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

18.*Surface Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

19.*Primary Casing Diameter and Depth:

Dia <u>1</u> in. From <u>0</u> ft. To <u>2</u> ft. No. of Bags <u>.04</u>	Seal Material (Check One): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

20.*Liner Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

21.*Telescope Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower _____ Pump Capacity (GPM) _____
Pump Depth _____ ft. Intake Depth _____ ft.

23. Chemical Analysis (When Required):
Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm

Laboratory Test _____ Field Test Kit _____

24. Water Well Contractor:
*Contractor Name Gregory Campbell *License Number 2613 E-mail Address greg@pds-florida.com
*Contractor's Signature Greg Campbell *Driller's Name (Print or Type) Danny Richards
(I certify that the information provided in this report is accurate and true.)

DRAFT

ATTACHMENT D
LABORATORY REPORTS

February 04, 2021

Michael Bair
Tierra, Inc.
7351 Temple Terrace Highway
Tampa, FL 33637

RE: Project: Metro Parkway
Pace Project No.: 35607579

Dear Michael Bair:

Enclosed are the analytical results for sample(s) received by the laboratory on January 28, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lori Palmer
lori.palmer@pacelabs.com
813-855-1844
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Metro Parkway

Pace Project No.: 35607579

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

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REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Metro Parkway

Pace Project No.: 35607579

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35607579001	SB-1	Solid	01/26/21 11:53	01/28/21 10:38
35607579002	SB-6	Solid	01/26/21 15:10	01/28/21 10:38
35607579003	SB-7	Solid	01/26/21 17:00	01/28/21 10:38
35607579004	SB-12	Solid	01/27/21 08:35	01/28/21 10:38
35607579005	SB-13	Solid	01/27/21 10:30	01/28/21 10:38
35607579006	SB-16	Solid	01/27/21 11:48	01/28/21 10:38

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SAMPLE ANALYTE COUNT

Project: Metro Parkway
Pace Project No.: 35607579

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35607579001	SB-1	FL-PRO	BMC	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	8	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35607579002	SB-6	FL-PRO	BMC	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	8	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35607579003	SB-7	FL-PRO	BMC	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	8	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35607579004	SB-12	FL-PRO	BMC	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	8	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35607579005	SB-13	FL-PRO	BMC	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	8	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35607579006	SB-16	FL-PRO	BMC	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	8	PASI-O
		ASTM D2974-87	AS3	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607579

Sample: SB-1 **Lab ID: 35607579001** Collected: 01/26/21 11:53 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	5.5 U	mg/kg	6.4	5.5	1	01/29/21 22:33	01/30/21 10:03		
Surrogates									
o-Terphenyl (S)	90	%	66-136		1	01/29/21 22:33	01/30/21 10:03	84-15-1	
N-Pentatriacontane (S)	100	%	42-159		1	01/29/21 22:33	01/30/21 10:03	630-07-09	
8270 MSSV Short List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 13:58	83-32-9	
Acenaphthylene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 13:58	208-96-8	
Anthracene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 13:58	120-12-7	
Benzo(a)anthracene	0.011 U	mg/kg	0.037	0.011	1	01/29/21 17:15	02/03/21 13:58	56-55-3	
Benzo(a)pyrene	0.0091 U	mg/kg	0.037	0.0091	1	01/29/21 17:15	02/03/21 13:58	50-32-8	
Benzo(b)fluoranthene	0.0098 U	mg/kg	0.037	0.0098	1	01/29/21 17:15	02/03/21 13:58	205-99-2	
Benzo(g,h,i)perylene	0.0092 U	mg/kg	0.037	0.0092	1	01/29/21 17:15	02/03/21 13:58	191-24-2	
Benzo(k)fluoranthene	0.0098 U	mg/kg	0.037	0.0098	1	01/29/21 17:15	02/03/21 13:58	207-08-9	
Chrysene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 13:58	218-01-9	
Dibenz(a,h)anthracene	0.0085 U	mg/kg	0.037	0.0085	1	01/29/21 17:15	02/03/21 13:58	53-70-3	
Fluoranthene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 13:58	206-44-0	
Fluorene	0.013 U	mg/kg	0.040	0.013	1	01/29/21 17:15	02/03/21 13:58	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0084 U	mg/kg	0.037	0.0084	1	01/29/21 17:15	02/03/21 13:58	193-39-5	
1-Methylnaphthalene	0.014 U	mg/kg	0.043	0.014	1	01/29/21 17:15	02/03/21 13:58	90-12-0	
2-Methylnaphthalene	0.014 U	mg/kg	0.042	0.014	1	01/29/21 17:15	02/03/21 13:58	91-57-6	
Naphthalene	0.013 U	mg/kg	0.038	0.013	1	01/29/21 17:15	02/03/21 13:58	91-20-3	
Phenanthrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 13:58	85-01-8	
Pyrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 13:58	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	44	%	24-98		1	01/29/21 17:15	02/03/21 13:58	4165-60-0	
2-Fluorobiphenyl (S)	42	%	29-101		1	01/29/21 17:15	02/03/21 13:58	321-60-8	
p-Terphenyl-d14 (S)	60	%	29-112		1	01/29/21 17:15	02/03/21 13:58	1718-51-0	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Benzene	0.0012 U	mg/kg	0.0059	0.0012	1	01/29/21 08:34	01/29/21 18:38	71-43-2	
Ethylbenzene	0.0014 U	mg/kg	0.0059	0.0014	1	01/29/21 08:34	01/29/21 18:38	100-41-4	
Methyl-tert-butyl ether	0.00098 U	mg/kg	0.0059	0.00098	1	01/29/21 08:34	01/29/21 18:38	1634-04-4	
Toluene	0.00095 U	mg/kg	0.0059	0.00095	1	01/29/21 08:34	01/29/21 18:38	108-88-3	
Xylene (Total)	0.0061 U	mg/kg	0.018	0.0061	1	01/29/21 08:34	01/29/21 18:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	68-125		1	01/29/21 08:34	01/29/21 18:38	460-00-4	
Toluene-d8 (S)	102	%	70-130		1	01/29/21 08:34	01/29/21 18:38	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	01/29/21 08:34	01/29/21 18:38	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607579

Sample: SB-1 **Lab ID: 35607579001** Collected: 01/26/21 11:53 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	8.1	%	0.10	0.10	1		01/29/21 09:22		

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607579

Sample: SB-6 **Lab ID: 35607579002** Collected: 01/26/21 15:10 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	10.3 U	mg/kg	12.0	10.3	1	01/29/21 22:33	01/30/21 10:03		P1
Surrogates									
o-Terphenyl (S)	98	%	66-136		1	01/29/21 22:33	01/30/21 10:03	84-15-1	
N-Pentatriacontane (S)	100	%	42-159		1	01/29/21 22:33	01/30/21 10:03	630-07-09	
8270 MSSV Short List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.027 U	mg/kg	0.082	0.027	1	01/29/21 17:15	02/03/21 14:24	83-32-9	P1
Acenaphthylene	0.024 U	mg/kg	0.077	0.024	1	01/29/21 17:15	02/03/21 14:24	208-96-8	P1
Anthracene	0.027 U	mg/kg	0.082	0.027	1	01/29/21 17:15	02/03/21 14:24	120-12-7	P1
Benzo(a)anthracene	0.022 U	mg/kg	0.077	0.022	1	01/29/21 17:15	02/03/21 14:24	56-55-3	P1
Benzo(a)pyrene	0.019 U	mg/kg	0.077	0.019	1	01/29/21 17:15	02/03/21 14:24	50-32-8	P1
Benzo(b)fluoranthene	0.021 U	mg/kg	0.077	0.021	1	01/29/21 17:15	02/03/21 14:24	205-99-2	P1
Benzo(g,h,i)perylene	0.019 U	mg/kg	0.077	0.019	1	01/29/21 17:15	02/03/21 14:24	191-24-2	P1
Benzo(k)fluoranthene	0.021 U	mg/kg	0.077	0.021	1	01/29/21 17:15	02/03/21 14:24	207-08-9	P1
Chrysene	0.024 U	mg/kg	0.077	0.024	1	01/29/21 17:15	02/03/21 14:24	218-01-9	P1
Dibenz(a,h)anthracene	0.018 U	mg/kg	0.077	0.018	1	01/29/21 17:15	02/03/21 14:24	53-70-3	P1
Fluoranthene	0.025 U	mg/kg	0.077	0.025	1	01/29/21 17:15	02/03/21 14:24	206-44-0	P1
Fluorene	0.027 U	mg/kg	0.084	0.027	1	01/29/21 17:15	02/03/21 14:24	86-73-7	P1
Indeno(1,2,3-cd)pyrene	0.018 U	mg/kg	0.077	0.018	1	01/29/21 17:15	02/03/21 14:24	193-39-5	P1
1-Methylnaphthalene	0.030 U	mg/kg	0.091	0.030	1	01/29/21 17:15	02/03/21 14:24	90-12-0	P1
2-Methylnaphthalene	0.029 U	mg/kg	0.089	0.029	1	01/29/21 17:15	02/03/21 14:24	91-57-6	P1
Naphthalene	0.026 U	mg/kg	0.080	0.026	1	01/29/21 17:15	02/03/21 14:24	91-20-3	P1
Phenanthrene	0.025 U	mg/kg	0.077	0.025	1	01/29/21 17:15	02/03/21 14:24	85-01-8	P1
Pyrene	0.024 U	mg/kg	0.077	0.024	1	01/29/21 17:15	02/03/21 14:24	129-00-0	P1
Surrogates									
Nitrobenzene-d5 (S)	79	%	24-98		1	01/29/21 17:15	02/03/21 14:24	4165-60-0	
2-Fluorobiphenyl (S)	77	%	29-101		1	01/29/21 17:15	02/03/21 14:24	321-60-8	
p-Terphenyl-d14 (S)	105	%	29-112		1	01/29/21 17:15	02/03/21 14:24	1718-51-0	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Benzene	0.00084 U	mg/kg	0.0042	0.00084	1	01/31/21 12:01	01/31/21 14:35	71-43-2	
Ethylbenzene	0.0010 U	mg/kg	0.0042	0.0010	1	01/31/21 12:01	01/31/21 14:35	100-41-4	
Methyl-tert-butyl ether	0.00070 U	mg/kg	0.0042	0.00070	1	01/31/21 12:01	01/31/21 14:35	1634-04-4	
Toluene	0.00068 U	mg/kg	0.0042	0.00068	1	01/31/21 12:01	01/31/21 14:35	108-88-3	
Xylene (Total)	0.0043 U	mg/kg	0.013	0.0043	1	01/31/21 12:01	01/31/21 14:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	68-125		1	01/31/21 12:01	01/31/21 14:35	460-00-4	
Toluene-d8 (S)	104	%	70-130		1	01/31/21 12:01	01/31/21 14:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1	01/31/21 12:01	01/31/21 14:35	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607579

Sample: SB-6 **Lab ID: 35607579002** Collected: 01/26/21 15:10 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	12.3	%	0.10	0.10	1		01/29/21 09:22		

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Sample: SB-7 **Lab ID: 35607579003** Collected: 01/26/21 17:00 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	5.4 U	mg/kg	6.2	5.4	1	01/29/21 22:33	01/30/21 10:19		
Surrogates									
o-Terphenyl (S)	91	%	66-136		1	01/29/21 22:33	01/30/21 10:19	84-15-1	
N-Pentatriacontane (S)	95	%	42-159		1	01/29/21 22:33	01/30/21 10:19	630-07-09	
8270 MSSV Short List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 14:50	83-32-9	
Acenaphthylene	0.011 U	mg/kg	0.035	0.011	1	01/29/21 17:15	02/03/21 14:50	208-96-8	
Anthracene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 14:50	120-12-7	
Benzo(a)anthracene	0.013 I	mg/kg	0.035	0.010	1	01/29/21 17:15	02/03/21 14:50	56-55-3	
Benzo(a)pyrene	0.014 I	mg/kg	0.035	0.0087	1	01/29/21 17:15	02/03/21 14:50	50-32-8	
Benzo(b)fluoranthene	0.021 I	mg/kg	0.035	0.0094	1	01/29/21 17:15	02/03/21 14:50	205-99-2	
Benzo(g,h,i)perylene	0.014 I	mg/kg	0.035	0.0088	1	01/29/21 17:15	02/03/21 14:50	191-24-2	
Benzo(k)fluoranthene	0.0094 U	mg/kg	0.035	0.0094	1	01/29/21 17:15	02/03/21 14:50	207-08-9	
Chrysene	0.014 I	mg/kg	0.035	0.011	1	01/29/21 17:15	02/03/21 14:50	218-01-9	
Dibenz(a,h)anthracene	0.0081 U	mg/kg	0.035	0.0081	1	01/29/21 17:15	02/03/21 14:50	53-70-3	
Fluoranthene	0.018 I	mg/kg	0.035	0.012	1	01/29/21 17:15	02/03/21 14:50	206-44-0	
Fluorene	0.013 U	mg/kg	0.038	0.013	1	01/29/21 17:15	02/03/21 14:50	86-73-7	
Indeno(1,2,3-cd)pyrene	0.011 I	mg/kg	0.035	0.0080	1	01/29/21 17:15	02/03/21 14:50	193-39-5	
1-Methylnaphthalene	0.014 U	mg/kg	0.042	0.014	1	01/29/21 17:15	02/03/21 14:50	90-12-0	
2-Methylnaphthalene	0.013 U	mg/kg	0.041	0.013	1	01/29/21 17:15	02/03/21 14:50	91-57-6	
Naphthalene	0.012 U	mg/kg	0.036	0.012	1	01/29/21 17:15	02/03/21 14:50	91-20-3	
Phenanthrene	0.012 U	mg/kg	0.035	0.012	1	01/29/21 17:15	02/03/21 14:50	85-01-8	
Pyrene	0.016 I	mg/kg	0.035	0.011	1	01/29/21 17:15	02/03/21 14:50	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	47	%	24-98		1	01/29/21 17:15	02/03/21 14:50	4165-60-0	
2-Fluorobiphenyl (S)	52	%	29-101		1	01/29/21 17:15	02/03/21 14:50	321-60-8	
p-Terphenyl-d14 (S)	76	%	29-112		1	01/29/21 17:15	02/03/21 14:50	1718-51-0	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Benzene	0.0011 U	mg/kg	0.0056	0.0011	1	01/29/21 08:34	01/29/21 19:22	71-43-2	
Ethylbenzene	0.0014 U	mg/kg	0.0056	0.0014	1	01/29/21 08:34	01/29/21 19:22	100-41-4	
Methyl-tert-butyl ether	0.00094 U	mg/kg	0.0056	0.00094	1	01/29/21 08:34	01/29/21 19:22	1634-04-4	
Toluene	0.00091 U	mg/kg	0.0056	0.00091	1	01/29/21 08:34	01/29/21 19:22	108-88-3	
Xylene (Total)	0.0058 U	mg/kg	0.017	0.0058	1	01/29/21 08:34	01/29/21 19:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	68-125		1	01/29/21 08:34	01/29/21 19:22	460-00-4	
Toluene-d8 (S)	102	%	70-130		1	01/29/21 08:34	01/29/21 19:22	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	01/29/21 08:34	01/29/21 19:22	2199-69-1	

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607579

Sample: SB-7 **Lab ID: 35607579003** Collected: 01/26/21 17:00 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	4.3	%	0.10	0.10	1		01/29/21 09:22		

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Sample: SB-12 **Lab ID: 35607579004** Collected: 01/27/21 08:35 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	5.6 U	mg/kg	6.5	5.6	1	01/29/21 22:33	01/30/21 10:19		
Surrogates									
o-Terphenyl (S)	92	%	66-136		1	01/29/21 22:33	01/30/21 10:19	84-15-1	
N-Pentatriacontane (S)	99	%	42-159		1	01/29/21 22:33	01/30/21 10:19	630-07-09	
8270 MSSV Short List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 15:17	83-32-9	
Acenaphthylene	0.011 U	mg/kg	0.037	0.011	1	01/29/21 17:15	02/03/21 15:17	208-96-8	
Anthracene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 15:17	120-12-7	
Benzo(a)anthracene	0.010 U	mg/kg	0.037	0.010	1	01/29/21 17:15	02/03/21 15:17	56-55-3	
Benzo(a)pyrene	0.0090 U	mg/kg	0.037	0.0090	1	01/29/21 17:15	02/03/21 15:17	50-32-8	
Benzo(b)fluoranthene	0.0097 U	mg/kg	0.037	0.0097	1	01/29/21 17:15	02/03/21 15:17	205-99-2	
Benzo(g,h,i)perylene	0.0092 U	mg/kg	0.037	0.0092	1	01/29/21 17:15	02/03/21 15:17	191-24-2	
Benzo(k)fluoranthene	0.0097 U	mg/kg	0.037	0.0097	1	01/29/21 17:15	02/03/21 15:17	207-08-9	
Chrysene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:17	218-01-9	
Dibenz(a,h)anthracene	0.0084 U	mg/kg	0.037	0.0084	1	01/29/21 17:15	02/03/21 15:17	53-70-3	
Fluoranthene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:17	206-44-0	
Fluorene	0.013 U	mg/kg	0.040	0.013	1	01/29/21 17:15	02/03/21 15:17	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0083 U	mg/kg	0.037	0.0083	1	01/29/21 17:15	02/03/21 15:17	193-39-5	
1-Methylnaphthalene	0.014 U	mg/kg	0.043	0.014	1	01/29/21 17:15	02/03/21 15:17	90-12-0	
2-Methylnaphthalene	0.014 U	mg/kg	0.042	0.014	1	01/29/21 17:15	02/03/21 15:17	91-57-6	
Naphthalene	0.013 U	mg/kg	0.038	0.013	1	01/29/21 17:15	02/03/21 15:17	91-20-3	
Phenanthrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:17	85-01-8	
Pyrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:17	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	45	%	24-98		1	01/29/21 17:15	02/03/21 15:17	4165-60-0	
2-Fluorobiphenyl (S)	47	%	29-101		1	01/29/21 17:15	02/03/21 15:17	321-60-8	
p-Terphenyl-d14 (S)	68	%	29-112		1	01/29/21 17:15	02/03/21 15:17	1718-51-0	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Benzene	0.0011 U	mg/kg	0.0054	0.0011	1	01/29/21 08:34	01/29/21 19:43	71-43-2	
Ethylbenzene	0.0013 U	mg/kg	0.0054	0.0013	1	01/29/21 08:34	01/29/21 19:43	100-41-4	
Methyl-tert-butyl ether	0.00090 U	mg/kg	0.0054	0.00090	1	01/29/21 08:34	01/29/21 19:43	1634-04-4	
Toluene	0.00087 U	mg/kg	0.0054	0.00087	1	01/29/21 08:34	01/29/21 19:43	108-88-3	
Xylene (Total)	0.0055 U	mg/kg	0.016	0.0055	1	01/29/21 08:34	01/29/21 19:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	68-125		1	01/29/21 08:34	01/29/21 19:43	460-00-4	
Toluene-d8 (S)	101	%	70-130		1	01/29/21 08:34	01/29/21 19:43	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1	01/29/21 08:34	01/29/21 19:43	2199-69-1	

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607579

Sample: SB-12 **Lab ID: 35607579004** Collected: 01/27/21 08:35 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	7.7	%	0.10	0.10	1		01/29/21 09:22		

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Sample: SB-13 **Lab ID: 35607579005** Collected: 01/27/21 10:30 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	5.6 U	mg/kg	6.5	5.6	1	01/29/21 22:33	01/30/21 10:35		
Surrogates									
o-Terphenyl (S)	83	%	66-136		1	01/29/21 22:33	01/30/21 10:35	84-15-1	
N-Pentatriacontane (S)	93	%	42-159		1	01/29/21 22:33	01/30/21 10:35	630-07-09	
8270 MSSV Short List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 15:43	83-32-9	
Acenaphthylene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:43	208-96-8	
Anthracene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 15:43	120-12-7	
Benzo(a)anthracene	0.011 U	mg/kg	0.037	0.011	1	01/29/21 17:15	02/03/21 15:43	56-55-3	
Benzo(a)pyrene	0.0092 U	mg/kg	0.037	0.0092	1	01/29/21 17:15	02/03/21 15:43	50-32-8	
Benzo(b)fluoranthene	0.0099 U	mg/kg	0.037	0.0099	1	01/29/21 17:15	02/03/21 15:43	205-99-2	
Benzo(g,h,i)perylene	0.0093 U	mg/kg	0.037	0.0093	1	01/29/21 17:15	02/03/21 15:43	191-24-2	
Benzo(k)fluoranthene	0.0099 U	mg/kg	0.037	0.0099	1	01/29/21 17:15	02/03/21 15:43	207-08-9	
Chrysene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:43	218-01-9	
Dibenz(a,h)anthracene	0.0085 U	mg/kg	0.037	0.0085	1	01/29/21 17:15	02/03/21 15:43	53-70-3	
Fluoranthene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:43	206-44-0	
Fluorene	0.013 U	mg/kg	0.040	0.013	1	01/29/21 17:15	02/03/21 15:43	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0085 U	mg/kg	0.037	0.0085	1	01/29/21 17:15	02/03/21 15:43	193-39-5	
1-Methylnaphthalene	0.015 U	mg/kg	0.044	0.015	1	01/29/21 17:15	02/03/21 15:43	90-12-0	
2-Methylnaphthalene	0.014 U	mg/kg	0.043	0.014	1	01/29/21 17:15	02/03/21 15:43	91-57-6	
Naphthalene	0.013 U	mg/kg	0.038	0.013	1	01/29/21 17:15	02/03/21 15:43	91-20-3	
Phenanthrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:43	85-01-8	
Pyrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:43	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	48	%	24-98		1	01/29/21 17:15	02/03/21 15:43	4165-60-0	
2-Fluorobiphenyl (S)	52	%	29-101		1	01/29/21 17:15	02/03/21 15:43	321-60-8	
p-Terphenyl-d14 (S)	79	%	29-112		1	01/29/21 17:15	02/03/21 15:43	1718-51-0	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Benzene	0.0014 U	mg/kg	0.0069	0.0014	1	01/29/21 08:34	01/29/21 20:06	71-43-2	
Ethylbenzene	0.014	mg/kg	0.0069	0.0016	1	01/29/21 08:34	01/29/21 20:06	100-41-4	
Methyl-tert-butyl ether	0.0011 U	mg/kg	0.0069	0.0011	1	01/29/21 08:34	01/29/21 20:06	1634-04-4	
Toluene	0.0032 I	mg/kg	0.0069	0.0011	1	01/29/21 08:34	01/29/21 20:06	108-88-3	
Xylene (Total)	0.081	mg/kg	0.021	0.0070	1	01/29/21 08:34	01/29/21 20:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	68-125		1	01/29/21 08:34	01/29/21 20:06	460-00-4	
Toluene-d8 (S)	106	%	70-130		1	01/29/21 08:34	01/29/21 20:06	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	01/29/21 08:34	01/29/21 20:06	2199-69-1	

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607579

Sample: SB-13 **Lab ID: 35607579005** Collected: 01/27/21 10:30 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	8.8	%	0.10	0.10	1		01/29/21 09:22		

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Sample: SB-16 **Lab ID: 35607579006** Collected: 01/27/21 11:48 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	6.0 U	mg/kg	7.0	6.0	1	01/29/21 22:33	01/30/21 10:35		
Surrogates									
o-Terphenyl (S)	97	%	66-136		1	01/29/21 22:33	01/30/21 10:35	84-15-1	
N-Pentatriacontane (S)	100	%	42-159		1	01/29/21 22:33	01/30/21 10:35	630-07-09	
8270 MSSV Short List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.014 U	mg/kg	0.042	0.014	1	01/29/21 17:15	02/03/21 16:09	83-32-9	
Acenaphthylene	0.012 U	mg/kg	0.039	0.012	1	01/29/21 17:15	02/03/21 16:09	208-96-8	
Anthracene	0.014 U	mg/kg	0.042	0.014	1	01/29/21 17:15	02/03/21 16:09	120-12-7	
Benzo(a)anthracene	0.011 U	mg/kg	0.039	0.011	1	01/29/21 17:15	02/03/21 16:09	56-55-3	
Benzo(a)pyrene	0.0097 U	mg/kg	0.039	0.0097	1	01/29/21 17:15	02/03/21 16:09	50-32-8	
Benzo(b)fluoranthene	0.010 U	mg/kg	0.039	0.010	1	01/29/21 17:15	02/03/21 16:09	205-99-2	
Benzo(g,h,i)perylene	0.0098 U	mg/kg	0.039	0.0098	1	01/29/21 17:15	02/03/21 16:09	191-24-2	
Benzo(k)fluoranthene	0.010 U	mg/kg	0.039	0.010	1	01/29/21 17:15	02/03/21 16:09	207-08-9	
Chrysene	0.012 U	mg/kg	0.039	0.012	1	01/29/21 17:15	02/03/21 16:09	218-01-9	
Dibenz(a,h)anthracene	0.0090 U	mg/kg	0.039	0.0090	1	01/29/21 17:15	02/03/21 16:09	53-70-3	
Fluoranthene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 16:09	206-44-0	
Fluorene	0.014 U	mg/kg	0.043	0.014	1	01/29/21 17:15	02/03/21 16:09	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0089 U	mg/kg	0.039	0.0089	1	01/29/21 17:15	02/03/21 16:09	193-39-5	
1-Methylnaphthalene	0.015 U	mg/kg	0.046	0.015	1	01/29/21 17:15	02/03/21 16:09	90-12-0	
2-Methylnaphthalene	0.015 U	mg/kg	0.045	0.015	1	01/29/21 17:15	02/03/21 16:09	91-57-6	
Naphthalene	0.013 U	mg/kg	0.040	0.013	1	01/29/21 17:15	02/03/21 16:09	91-20-3	
Phenanthrene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 16:09	85-01-8	
Pyrene	0.012 U	mg/kg	0.039	0.012	1	01/29/21 17:15	02/03/21 16:09	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	73	%	24-98		1	01/29/21 17:15	02/03/21 16:09	4165-60-0	
2-Fluorobiphenyl (S)	77	%	29-101		1	01/29/21 17:15	02/03/21 16:09	321-60-8	
p-Terphenyl-d14 (S)	96	%	29-112		1	01/29/21 17:15	02/03/21 16:09	1718-51-0	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Benzene	0.00098 U	mg/kg	0.0049	0.00098	1	01/29/21 08:34	01/29/21 20:27	71-43-2	
Ethylbenzene	0.0012 U	mg/kg	0.0049	0.0012	1	01/29/21 08:34	01/29/21 20:27	100-41-4	
Methyl-tert-butyl ether	0.00082 U	mg/kg	0.0049	0.00082	1	01/29/21 08:34	01/29/21 20:27	1634-04-4	
Toluene	0.00080 U	mg/kg	0.0049	0.00080	1	01/29/21 08:34	01/29/21 20:27	108-88-3	
Xylene (Total)	0.0050 U	mg/kg	0.015	0.0050	1	01/29/21 08:34	01/29/21 20:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	68-125		1	01/29/21 08:34	01/29/21 20:27	460-00-4	
Toluene-d8 (S)	101	%	70-130		1	01/29/21 08:34	01/29/21 20:27	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	01/29/21 08:34	01/29/21 20:27	2199-69-1	

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607579

Sample: SB-16 **Lab ID: 35607579006** Collected: 01/27/21 11:48 Received: 01/28/21 10:38 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	13.7	%	0.10	0.10	1		01/29/21 09:23		

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

QC Batch:	700734	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035	Analysis Description:	8260 MSV 5035
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35607579001, 35607579003, 35607579004, 35607579005, 35607579006

METHOD BLANK: 3816567 Matrix: Solid
Associated Lab Samples: 35607579001, 35607579003, 35607579004, 35607579005, 35607579006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	mg/kg	0.0010 U	0.0050	0.0010	01/29/21 11:04	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	01/29/21 11:04	
Methyl-tert-butyl ether	mg/kg	0.00083 U	0.0050	0.00083	01/29/21 11:04	
Toluene	mg/kg	0.00081 U	0.0050	0.00081	01/29/21 11:04	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	01/29/21 11:04	
1,2-Dichlorobenzene-d4 (S)	%	109	70-130		01/29/21 11:04	
4-Bromofluorobenzene (S)	%	98	68-125		01/29/21 11:04	
Toluene-d8 (S)	%	103	70-130		01/29/21 11:04	

LABORATORY CONTROL SAMPLE: 3816568

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.02	0.018	91	70-130	
Ethylbenzene	mg/kg	0.02	0.017	87	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.018	90	65-124	
Toluene	mg/kg	0.02	0.017	83	70-130	
Xylene (Total)	mg/kg	0.06	0.052	87	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	68-125	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 3816867

Parameter	Units	35607869001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.0012 U	0.021	0.015	75	70-130	
Ethylbenzene	mg/kg	0.0014 U	0.021	0.015	71	70-130	
Methyl-tert-butyl ether	mg/kg	0.00096 U	0.021	0.014	70	65-124	
Toluene	mg/kg	0.00094 U	0.021	0.014	68	70-130 J(M1)	
Xylene (Total)	mg/kg	0.0059 U	0.062	0.045	73	70-130 MS	
1,2-Dichlorobenzene-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				102	68-125	
Toluene-d8 (S)	%				99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Metro Parkway

Pace Project No.: 35607579

SAMPLE DUPLICATE: 3818521

Parameter	Units	35607869002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	mg/kg	0.0012 U	0.0012 U		40	
Ethylbenzene	mg/kg	0.0014 U	0.0028 I		40	
Methyl-tert-butyl ether	mg/kg	0.00097 U	0.0010 U		40	
Toluene	mg/kg	0.00095 U	0.0033 I		40	
Xylene (Total)	mg/kg	0.0060 U	0.0062 U		40	
1,2-Dichlorobenzene-d4 (S)	%	100	99			
4-Bromofluorobenzene (S)	%	103	98		40	
Toluene-d8 (S)	%	104	99		40	

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

QC Batch: 701061	Analysis Method: EPA 8260
QC Batch Method: EPA 5035	Analysis Description: 8260 MSV 5035
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35607579002

METHOD BLANK: 3818563 Matrix: Solid
Associated Lab Samples: 35607579002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	mg/kg	0.0010 U	0.0050	0.0010	01/31/21 13:51	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	01/31/21 13:51	
Methyl-tert-butyl ether	mg/kg	0.00083 U	0.0050	0.00083	01/31/21 13:51	
Toluene	mg/kg	0.00081 U	0.0050	0.00081	01/31/21 13:51	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	01/31/21 13:51	
1,2-Dichlorobenzene-d4 (S)	%	108	70-130		01/31/21 13:51	
4-Bromofluorobenzene (S)	%	100	68-125		01/31/21 13:51	
Toluene-d8 (S)	%	105	70-130		01/31/21 13:51	

LABORATORY CONTROL SAMPLE: 3818564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.02	0.019	96	70-130	
Ethylbenzene	mg/kg	0.02	0.019	93	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.019	95	65-124	
Toluene	mg/kg	0.02	0.018	90	70-130	
Xylene (Total)	mg/kg	0.06	0.055	92	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			102	68-125	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 3818566

Parameter	Units	35607826006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.00093 U	0.019	0.024	127	70-130	
Ethylbenzene	mg/kg	0.0011 U	0.019	0.015	79	70-130	
Methyl-tert-butyl ether	mg/kg	0.00077 U	0.019	0.026	134	65-124	J(M1)
Toluene	mg/kg	0.00075 U	0.019	0.019	102	70-130	
Xylene (Total)	mg/kg	0.0048 U	0.057	0.044	76	70-130	
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				101	68-125	
Toluene-d8 (S)	%				97	70-130	

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QUALITY CONTROL DATA

Project: Metro Parkway

Pace Project No.: 35607579

SAMPLE DUPLICATE: 3818565

Parameter	Units	35607826005 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	mg/kg	0.00089 U	0.0010 U		40	
Ethylbenzene	mg/kg	0.0015 I	0.0012 U		40	
Methyl-tert-butyl ether	mg/kg	0.00074 U	0.00084 U		40	
Toluene	mg/kg	0.00072 U	0.00081 U		40	
Xylene (Total)	mg/kg	0.0088 I	0.0052 U		40	
1,2-Dichlorobenzene-d4 (S)	%	103	100			
4-Bromofluorobenzene (S)	%	104	105		40	
Toluene-d8 (S)	%	109	103		40	

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

QC Batch: 700842 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave Short Spike
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35607579001, 35607579002, 35607579003, 35607579004, 35607579005, 35607579006

METHOD BLANK: 3817219

Matrix: Solid

Associated Lab Samples: 35607579001, 35607579002, 35607579003, 35607579004, 35607579005, 35607579006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.013 U	0.040	0.013	02/01/21 14:28	
2-Methylnaphthalene	mg/kg	0.013 U	0.039	0.013	02/01/21 14:28	
Acenaphthene	mg/kg	0.012 U	0.036	0.012	02/01/21 14:28	
Acenaphthylene	mg/kg	0.011 U	0.034	0.011	02/01/21 14:28	
Anthracene	mg/kg	0.012 U	0.036	0.012	02/01/21 14:28	
Benzo(a)anthracene	mg/kg	0.0096 U	0.034	0.0096	02/01/21 14:28	
Benzo(a)pyrene	mg/kg	0.0083 U	0.034	0.0083	02/01/21 14:28	
Benzo(b)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	02/01/21 14:28	
Benzo(g,h,i)perylene	mg/kg	0.0084 U	0.034	0.0084	02/01/21 14:28	
Benzo(k)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	02/01/21 14:28	
Chrysene	mg/kg	0.011 U	0.034	0.011	02/01/21 14:28	
Dibenz(a,h)anthracene	mg/kg	0.0077 U	0.034	0.0077	02/01/21 14:28	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	02/01/21 14:28	
Fluorene	mg/kg	0.012 U	0.037	0.012	02/01/21 14:28	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	02/01/21 14:28	
Naphthalene	mg/kg	0.012 U	0.035	0.012	02/01/21 14:28	
Phenanthrene	mg/kg	0.011 U	0.034	0.011	02/01/21 14:28	
Pyrene	mg/kg	0.011 U	0.034	0.011	02/01/21 14:28	
2-Fluorobiphenyl (S)	%	65	29-101		02/01/21 14:28	
Nitrobenzene-d5 (S)	%	63	24-98		02/01/21 14:28	
p-Terphenyl-d14 (S)	%	93	29-112		02/01/21 14:28	

LABORATORY CONTROL SAMPLE: 3817220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.0	62	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.0	62	37-115	
Acenaphthene	mg/kg	1.7	1.0	61	30-127	
Acenaphthylene	mg/kg	1.7	1.0	62	29-129	
Anthracene	mg/kg	1.7	1.1	69	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.2	73	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.1	65	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.2	71	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.1	64	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.2	71	39-133	
Chrysene	mg/kg	1.7	1.2	73	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.1	65	37-127	
Fluoranthene	mg/kg	1.7	1.2	74	39-130	
Fluorene	mg/kg	1.7	1.0	61	35-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

LABORATORY CONTROL SAMPLE: 3817220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.1	66	35-133	
Naphthalene	mg/kg	1.7	1.0	62	36-115	
Phenanthrene	mg/kg	1.7	1.1	68	35-128	
Pyrene	mg/kg	1.7	1.2	74	37-132	
2-Fluorobiphenyl (S)	%			64	29-101	
Nitrobenzene-d5 (S)	%			61	24-98	
p-Terphenyl-d14 (S)	%			90	29-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3817400 3817401

Parameter	Units	35607870003		MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	U	Spike Conc.	MS Result	MSD Result	% Rec	% Rec						
1-Methylnaphthalene	mg/kg	0.014	U	1.8	1.8	1.1	1.1	62	60	38-115	2	40		
2-Methylnaphthalene	mg/kg	0.014	U	1.8	1.8	1.1	1.0	61	59	37-115	2	40		
Acenaphthene	mg/kg	0.012	U	1.8	1.8	1.1	1.1	62	59	30-127	4	40		
Acenaphthylene	mg/kg	0.011	U	1.8	1.8	1.1	1.1	63	59	29-129	6	40		
Anthracene	mg/kg	0.013	U	1.8	1.8	1.2	1.1	67	64	37-126	5	40		
Benzo(a)anthracene	mg/kg	0.010	U	1.8	1.8	1.3	1.2	72	68	37-130	6	40		
Benzo(a)pyrene	mg/kg	0.0089	U	1.8	1.8	1.1	1.1	63	60	39-128	4	40		
Benzo(b)fluoranthene	mg/kg	0.0096	U	1.8	1.8	1.2	1.2	70	66	38-128	4	40		
Benzo(g,h,i)perylene	mg/kg	0.0090	U	1.8	1.8	1.1	1.1	62	63	34-136	1	40		
Benzo(k)fluoranthene	mg/kg	0.0096	U	1.8	1.8	1.2	1.2	70	65	39-133	7	40		
Chrysene	mg/kg	0.011	U	1.8	1.8	1.3	1.2	72	69	39-125	4	40		
Dibenz(a,h)anthracene	mg/kg	0.0083	U	1.8	1.8	1.1	1.1	63	63	37-127	0	40		
Fluoranthene	mg/kg	0.012	U	1.8	1.8	1.3	1.2	71	69	39-130	2	40		
Fluorene	mg/kg	0.013	U	1.8	1.8	1.1	1.0	62	59	35-125	4	40		
Indeno(1,2,3-cd)pyrene	mg/kg	0.0082	U	1.8	1.8	1.1	1.1	64	64	35-133	1	40		
Naphthalene	mg/kg	0.012	U	1.8	1.8	1.1	1.1	62	59	36-115	4	40		
Phenanthrene	mg/kg	0.012	U	1.8	1.8	1.2	1.1	67	64	35-128	5	40		
Pyrene	mg/kg	0.011	U	1.8	1.8	1.3	1.2	75	68	37-132	10	40		
2-Fluorobiphenyl (S)	%							65	61	29-101				
Nitrobenzene-d5 (S)	%							60	57	24-98				
p-Terphenyl-d14 (S)	%							88	79	29-112				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

QC Batch: 700913 Analysis Method: FL-PRO
QC Batch Method: EPA 3546 Analysis Description: FL-PRO Soil
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35607579001, 35607579002, 35607579003, 35607579004, 35607579005, 35607579006

METHOD BLANK: 3817669 Matrix: Solid
Associated Lab Samples: 35607579001, 35607579002, 35607579003, 35607579004, 35607579005, 35607579006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/kg	5.2 U	6.0	5.2	01/30/21 09:32	
N-Pentatriacontane (S)	%	92	42-159		01/30/21 09:32	
o-Terphenyl (S)	%	83	66-136		01/30/21 09:32	

LABORATORY CONTROL SAMPLE: 3817670

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/kg	198	150	76	65-119	
N-Pentatriacontane (S)	%			100	42-159	
o-Terphenyl (S)	%			95	66-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3817678 3817679

Parameter	Units	35607871002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Petroleum Range Organics	mg/kg	5.2 U	198	200	154	165	78	83	39-181	7	25	
N-Pentatriacontane (S)	%						99	96	42-159			
o-Terphenyl (S)	%						89	88	66-136			

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

QC Batch: 700674	Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87	Analysis Description: Dry Weight/Percent Moisture
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35607579001, 35607579002, 35607579003, 35607579004, 35607579005, 35607579006

SAMPLE DUPLICATE: 3816356

Parameter	Units	35606636004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.9	12.8	9	10	

SAMPLE DUPLICATE: 3816357

Parameter	Units	35607578003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.9	3.6	22	10	J(D6)

SAMPLE DUPLICATE: 3816358

Parameter	Units	35607700003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.0	7.7	10	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Metro Parkway
Pace Project No.: 35607579

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U Compound was analyzed for but not detected.
J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
P1 Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Metro Parkway
Pace Project No.: 35607579

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35607579001	SB-1	EPA 3546	700913	FL-PRO	700968
35607579002	SB-6	EPA 3546	700913	FL-PRO	700968
35607579003	SB-7	EPA 3546	700913	FL-PRO	700968
35607579004	SB-12	EPA 3546	700913	FL-PRO	700968
35607579005	SB-13	EPA 3546	700913	FL-PRO	700968
35607579006	SB-16	EPA 3546	700913	FL-PRO	700968
35607579001	SB-1	EPA 3546	700842	EPA 8270	701146
35607579002	SB-6	EPA 3546	700842	EPA 8270	701146
35607579003	SB-7	EPA 3546	700842	EPA 8270	701146
35607579004	SB-12	EPA 3546	700842	EPA 8270	701146
35607579005	SB-13	EPA 3546	700842	EPA 8270	701146
35607579006	SB-16	EPA 3546	700842	EPA 8270	701146
35607579001	SB-1	EPA 5035	700734	EPA 8260	700782
35607579002	SB-6	EPA 5035	701061	EPA 8260	701079
35607579003	SB-7	EPA 5035	700734	EPA 8260	700782
35607579004	SB-12	EPA 5035	700734	EPA 8260	700782
35607579005	SB-13	EPA 5035	700734	EPA 8260	700782
35607579006	SB-16	EPA 5035	700734	EPA 8260	700782
35607579001	SB-1	ASTM D2974-87	700674		
35607579002	SB-6	ASTM D2974-87	700674		
35607579003	SB-7	ASTM D2974-87	700674		
35607579004	SB-12	ASTM D2974-87	700674		
35607579005	SB-13	ASTM D2974-87	700674		
35607579006	SB-16	ASTM D2974-87	700674		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 13

Document Revised:
May 30, 2018
Issuing Authority:
Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project # **WO# : 35607579**
Project Manager: PM: LAP **Due Date: 02/04/21**
Client: CLIENT: 37-TIETPA

Date and Initials of person:
Examining contents: mrc
Label: 1/28/21
Deliver: N/A
pH: N/A

Thermometer Used: T203 Date: 1/28/21 Time: 1041 Initials: mrc

State of Origin: FL For WV projects, all containers verified to ≤6 °C

- Cooler #1 Temp. °C 3.9 (Visual) 0.0 (Correction Factor) 3.9 (Actual) Samples on ice, cooling process has begun
- Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun

- Courier:** Fed Ex UPS USPS Client Commercial Pace Other _____
- Shipping Method:** First Overnight Priority Overnight Standard Overnight Ground International Priority Other _____
- Billing:** Recipient Sender Third Party Credit Card Unknown

Tracking # _____

- Custody Seal on Cooler/Box Present:** Yes No **Seals Intact:** Yes No **Ice:** Wet Blue Dry None
- Packing Material:** Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution: Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): SB-1, SB-6 & SB-7 placed in freezer @ lab @ 10:54

Project Manager Review: _____ Date: _____

February 03, 2021

Michael Bair
Tierra, Inc.
7351 Temple Terrace Highway
Tampa, FL 33637

RE: Project: Metro Parkway
Pace Project No.: 35607727

Dear Michael Bair:

Enclosed are the analytical results for sample(s) received by the laboratory on January 28, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lori Palmer
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813-855-1844
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Metro Parkway
Pace Project No.: 35607727

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236

Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Metro Parkway

Pace Project No.: 35607727

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35607727001	TMW-1	Water	01/27/21 13:50	01/28/21 15:10
35607727002	TMW-2	Water	01/27/21 14:50	01/28/21 15:10
35607727003	TMW-3	Water	01/27/21 15:47	01/28/21 15:10
35607727004	TMW-4	Water	01/28/21 09:48	01/28/21 15:10
35607727005	TMW-5	Water	01/28/21 10:39	01/28/21 15:10
35607727006	TMW-6	Water	01/28/21 11:30	01/28/21 15:10
35607727007	TMW-7	Water	01/28/21 12:33	01/28/21 15:10

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SAMPLE ANALYTE COUNT

Project: Metro Parkway
Pace Project No.: 35607727

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35607727001	TMW-1	FL-PRO	BMC	3	PASI-O
		EPA 8270 by SIM	MMG	20	PASI-O
		EPA 8260	AST	8	PASI-O
35607727002	TMW-2	FL-PRO	BMC	3	PASI-O
		EPA 8270 by SIM	MMG	20	PASI-O
		EPA 8260	AST	8	PASI-O
35607727003	TMW-3	FL-PRO	BMC	3	PASI-O
		EPA 8270 by SIM	MMG	20	PASI-O
		EPA 8260	AST	8	PASI-O
35607727004	TMW-4	FL-PRO	BMC	3	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	8	PASI-O
35607727005	TMW-5	FL-PRO	BMC	3	PASI-O
		EPA 8270 by SIM	MMG	20	PASI-O
		EPA 8260	AST	8	PASI-O
35607727006	TMW-6	FL-PRO	BMC	3	PASI-O
		EPA 8270 by SIM	MMG	20	PASI-O
		EPA 8260	AST	8	PASI-O
35607727007	TMW-7	EPA 8260	AST	47	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Sample: TMW-1 **Lab ID: 35607727001** Collected: 01/27/21 13:50 Received: 01/28/21 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	0.80 U	mg/L	0.99	0.80	1	02/01/21 16:53	02/02/21 09:21		
Surrogates									
o-Terphenyl (S)	77	%	66-139		1	02/01/21 16:53	02/02/21 09:21	84-15-1	
N-Pentatriacontane (S)	78	%	42-159		1	02/01/21 16:53	02/02/21 09:21	630-07-09	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	02/01/21 08:17	02/02/21 14:13	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	02/01/21 08:17	02/02/21 14:13	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	02/01/21 08:17	02/02/21 14:13	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	02/01/21 08:17	02/02/21 14:13	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	02/01/21 08:17	02/02/21 14:13	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	02/01/21 08:17	02/02/21 14:13	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	02/01/21 08:17	02/02/21 14:13	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 14:13	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	02/01/21 08:17	02/02/21 14:13	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	02/01/21 08:17	02/02/21 14:13	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17	02/02/21 14:13	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	02/01/21 08:17	02/02/21 14:13	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	02/01/21 08:17	02/02/21 14:13	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	02/01/21 08:17	02/02/21 14:13	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	02/01/21 08:17	02/02/21 14:13	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	02/01/21 08:17	02/02/21 14:13	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 14:13	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	02/01/21 08:17	02/02/21 14:13	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	32-100		1	02/01/21 08:17	02/02/21 14:13	321-60-8	
p-Terphenyl-d14 (S)	77	%	48-112		1	02/01/21 08:17	02/02/21 14:13	1718-51-0	
8260 MSV, Short List									
Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/02/21 07:37	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/02/21 07:37	100-41-4	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		02/02/21 07:37	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/02/21 07:37	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/02/21 07:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		02/02/21 07:37	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		02/02/21 07:37	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		02/02/21 07:37	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607727

Sample: TMW-2 **Lab ID: 35607727002** Collected: 01/27/21 14:50 Received: 01/28/21 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	0.92 U	mg/L	1.1	0.92	1	02/01/21 16:53	02/02/21 09:21		
Surrogates									
o-Terphenyl (S)	77	%	66-139		1	02/01/21 16:53	02/02/21 09:21	84-15-1	
N-Pentatriacontane (S)	85	%	42-159		1	02/01/21 16:53	02/02/21 09:21	630-07-09	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	02/01/21 08:17	02/02/21 14:35	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	02/01/21 08:17	02/02/21 14:35	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	02/01/21 08:17	02/02/21 14:35	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	02/01/21 08:17	02/02/21 14:35	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	02/01/21 08:17	02/02/21 14:35	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	02/01/21 08:17	02/02/21 14:35	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	02/01/21 08:17	02/02/21 14:35	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 14:35	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	02/01/21 08:17	02/02/21 14:35	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	02/01/21 08:17	02/02/21 14:35	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17	02/02/21 14:35	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	02/01/21 08:17	02/02/21 14:35	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	02/01/21 08:17	02/02/21 14:35	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	02/01/21 08:17	02/02/21 14:35	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	02/01/21 08:17	02/02/21 14:35	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	02/01/21 08:17	02/02/21 14:35	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 14:35	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	02/01/21 08:17	02/02/21 14:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	69	%	32-100		1	02/01/21 08:17	02/02/21 14:35	321-60-8	
p-Terphenyl-d14 (S)	74	%	48-112		1	02/01/21 08:17	02/02/21 14:35	1718-51-0	
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/02/21 08:03	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/02/21 08:03	100-41-4	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		02/02/21 08:03	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/02/21 08:03	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/02/21 08:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		02/02/21 08:03	460-00-4	
Toluene-d8 (S)	105	%	70-130		1		02/02/21 08:03	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		02/02/21 08:03	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Sample: TMW-3 **Lab ID: 35607727003** Collected: 01/27/21 15:47 Received: 01/28/21 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	0.77 U	mg/L	0.97	0.77	1	02/01/21 16:53	02/02/21 09:34		
Surrogates									
o-Terphenyl (S)	75	%	66-139		1	02/01/21 16:53	02/02/21 09:34	84-15-1	
N-Pentatriacontane (S)	80	%	42-159		1	02/01/21 16:53	02/02/21 09:34	630-07-09	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	02/01/21 08:17	02/02/21 14:57	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	02/01/21 08:17	02/02/21 14:57	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	02/01/21 08:17	02/02/21 14:57	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	02/01/21 08:17	02/02/21 14:57	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	02/01/21 08:17	02/02/21 14:57	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	02/01/21 08:17	02/02/21 14:57	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	02/01/21 08:17	02/02/21 14:57	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 14:57	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	02/01/21 08:17	02/02/21 14:57	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	02/01/21 08:17	02/02/21 14:57	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17	02/02/21 14:57	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	02/01/21 08:17	02/02/21 14:57	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	02/01/21 08:17	02/02/21 14:57	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	02/01/21 08:17	02/02/21 14:57	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	02/01/21 08:17	02/02/21 14:57	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	02/01/21 08:17	02/02/21 14:57	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 14:57	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	02/01/21 08:17	02/02/21 14:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	32-100		1	02/01/21 08:17	02/02/21 14:57	321-60-8	
p-Terphenyl-d14 (S)	81	%	48-112		1	02/01/21 08:17	02/02/21 14:57	1718-51-0	
8260 MSV, Short List									
Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/02/21 08:55	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/02/21 08:55	100-41-4	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		02/02/21 08:55	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/02/21 08:55	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/02/21 08:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		02/02/21 08:55	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		02/02/21 08:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		02/02/21 08:55	2199-69-1	

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607727

Sample: TMW-4 **Lab ID: 35607727004** Collected: 01/28/21 09:48 Received: 01/28/21 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	0.81 U	mg/L	1.0	0.81	1	02/01/21 16:53	02/02/21 09:34		J(M1)
Surrogates									
o-Terphenyl (S)	77	%	66-139		1	02/01/21 16:53	02/02/21 09:34	84-15-1	
N-Pentatriacontane (S)	82	%	42-159		1	02/01/21 16:53	02/02/21 09:34	630-07-09	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	02/01/21 08:17	02/02/21 08:39	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	02/01/21 08:17	02/02/21 08:39	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	02/01/21 08:17	02/02/21 08:39	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	02/01/21 08:17	02/02/21 08:39	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	02/01/21 08:17	02/02/21 08:39	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	02/01/21 08:17	02/02/21 08:39	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	02/01/21 08:17	02/02/21 08:39	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 08:39	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	02/01/21 08:17	02/02/21 08:39	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	02/01/21 08:17	02/02/21 08:39	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17	02/02/21 08:39	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	02/01/21 08:17	02/02/21 08:39	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	02/01/21 08:17	02/02/21 08:39	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	02/01/21 08:17	02/02/21 08:39	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	02/01/21 08:17	02/02/21 08:39	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	02/01/21 08:17	02/02/21 08:39	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 08:39	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	02/01/21 08:17	02/02/21 08:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%	32-100		1	02/01/21 08:17	02/02/21 08:39	321-60-8	
p-Terphenyl-d14 (S)	79	%	48-112		1	02/01/21 08:17	02/02/21 08:39	1718-51-0	
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/03/21 05:48	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/03/21 05:48	100-41-4	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		02/03/21 05:48	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/03/21 05:48	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/03/21 05:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		02/03/21 05:48	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		02/03/21 05:48	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		02/03/21 05:48	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Sample: TMW-5 **Lab ID: 35607727005** Collected: 01/28/21 10:39 Received: 01/28/21 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	0.88 U	mg/L	1.1	0.88	1	02/01/21 16:53	02/02/21 09:47		
Surrogates									
o-Terphenyl (S)	80	%	66-139		1	02/01/21 16:53	02/02/21 09:47	84-15-1	
N-Pentatriacontane (S)	83	%	42-159		1	02/01/21 16:53	02/02/21 09:47	630-07-09	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	02/01/21 08:17	02/02/21 15:19	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	02/01/21 08:17	02/02/21 15:19	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	02/01/21 08:17	02/02/21 15:19	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	02/01/21 08:17	02/02/21 15:19	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	02/01/21 08:17	02/02/21 15:19	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	02/01/21 08:17	02/02/21 15:19	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	02/01/21 08:17	02/02/21 15:19	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 15:19	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	02/01/21 08:17	02/02/21 15:19	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	02/01/21 08:17	02/02/21 15:19	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17	02/02/21 15:19	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	02/01/21 08:17	02/02/21 15:19	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	02/01/21 08:17	02/02/21 15:19	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	02/01/21 08:17	02/02/21 15:19	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	02/01/21 08:17	02/02/21 15:19	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	02/01/21 08:17	02/02/21 15:19	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 15:19	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	02/01/21 08:17	02/02/21 15:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	32-100		1	02/01/21 08:17	02/02/21 15:19	321-60-8	
p-Terphenyl-d14 (S)	75	%	48-112		1	02/01/21 08:17	02/02/21 15:19	1718-51-0	
8260 MSV, Short List									
Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/03/21 06:41	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/03/21 06:41	100-41-4	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		02/03/21 06:41	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/03/21 06:41	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/03/21 06:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		02/03/21 06:41	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		02/03/21 06:41	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		02/03/21 06:41	2199-69-1	

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Sample: TMW-6 **Lab ID: 35607727006** Collected: 01/28/21 11:30 Received: 01/28/21 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume									
Analytical Method: FL-PRO Preparation Method: EPA 3510									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	1.0 U	mg/L	1.3	1.0	1	02/01/21 16:53	02/02/21 10:01		
Surrogates									
o-Terphenyl (S)	85	%	66-139		1	02/01/21 16:53	02/02/21 10:01	84-15-1	
N-Pentatriacontane (S)	91	%	42-159		1	02/01/21 16:53	02/02/21 10:01	630-07-09	
8270 MSSV PAHLV by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.040 U	ug/L	0.50	0.040	1	02/01/21 08:17	02/02/21 15:42	83-32-9	
Acenaphthylene	0.030 U	ug/L	0.50	0.030	1	02/01/21 08:17	02/02/21 15:42	208-96-8	
Anthracene	0.043 U	ug/L	0.50	0.043	1	02/01/21 08:17	02/02/21 15:42	120-12-7	
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1	02/01/21 08:17	02/02/21 15:42	56-55-3	
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1	02/01/21 08:17	02/02/21 15:42	50-32-8	
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1	02/01/21 08:17	02/02/21 15:42	205-99-2	
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1	02/01/21 08:17	02/02/21 15:42	191-24-2	
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 15:42	207-08-9	
Chrysene	0.026 U	ug/L	0.50	0.026	1	02/01/21 08:17	02/02/21 15:42	218-01-9	
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1	02/01/21 08:17	02/02/21 15:42	53-70-3	
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17	02/02/21 15:42	206-44-0	
Fluorene	0.088 U	ug/L	0.50	0.088	1	02/01/21 08:17	02/02/21 15:42	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1	02/01/21 08:17	02/02/21 15:42	193-39-5	
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	02/01/21 08:17	02/02/21 15:42	90-12-0	
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1	02/01/21 08:17	02/02/21 15:42	91-57-6	
Naphthalene	0.29 U	ug/L	2.0	0.29	1	02/01/21 08:17	02/02/21 15:42	91-20-3	
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17	02/02/21 15:42	85-01-8	
Pyrene	0.032 U	ug/L	0.50	0.032	1	02/01/21 08:17	02/02/21 15:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	75	%	32-100		1	02/01/21 08:17	02/02/21 15:42	321-60-8	
p-Terphenyl-d14 (S)	77	%	48-112		1	02/01/21 08:17	02/02/21 15:42	1718-51-0	
8260 MSV, Short List									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Benzene	0.30 U	ug/L	1.0	0.30	1		02/03/21 07:07	71-43-2	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		02/03/21 07:07	100-41-4	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		02/03/21 07:07	1634-04-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		02/03/21 07:07	108-88-3	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/03/21 07:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		02/03/21 07:07	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		02/03/21 07:07	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		02/03/21 07:07	2199-69-1	

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607727

Sample: **TMW-7** Lab ID: **35607727007** Collected: 01/28/21 12:33 Received: 01/28/21 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Acetone	5.3 U	ug/L	25.0	5.3	1		01/30/21 04:44	67-64-1	J(v1)
Benzene	0.30 U	ug/L	1.0	0.30	1		01/30/21 04:44	71-43-2	
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/30/21 04:44	74-97-5	
Bromodichloromethane	0.19 U	ug/L	1.0	0.19	1		01/30/21 04:44	75-27-4	
Bromoform	0.48 U	ug/L	3.0	0.48	1		01/30/21 04:44	75-25-2	
Bromomethane	8.1 U	ug/L	10.0	8.1	1		01/30/21 04:44	74-83-9	J(v2)
2-Butanone (MEK)	21.0 U	ug/L	50.0	21.0	1		01/30/21 04:44	78-93-3	
Carbon disulfide	1.8 U	ug/L	10.0	1.8	1		01/30/21 04:44	75-15-0	
Carbon tetrachloride	0.44 U	ug/L	3.0	0.44	1		01/30/21 04:44	56-23-5	
Chlorobenzene	0.35 U	ug/L	1.0	0.35	1		01/30/21 04:44	108-90-7	
Chloroethane	3.7 U	ug/L	10.0	3.7	1		01/30/21 04:44	75-00-3	
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/30/21 04:44	67-66-3	
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/30/21 04:44	74-87-3	
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/30/21 04:44	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/30/21 04:44	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/30/21 04:44	95-50-1	
1,3-Dichlorobenzene	0.33 U	ug/L	1.0	0.33	1		01/30/21 04:44	541-73-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/30/21 04:44	106-46-7	
Dichlorodifluoromethane	0.26 U	ug/L	1.0	0.26	1		01/30/21 04:44	75-71-8	
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/30/21 04:44	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/30/21 04:44	107-06-2	
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/30/21 04:44	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/30/21 04:44	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/30/21 04:44	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/30/21 04:44	78-87-5	
1,3-Dichloropropene	0.17 U	ug/L	1.0	0.17	1		01/30/21 04:44	10061-02-6	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		01/30/21 04:44	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		01/30/21 04:44	591-78-6	
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/30/21 04:44	98-82-8	
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/30/21 04:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		01/30/21 04:44	108-10-1	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		01/30/21 04:44	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		01/30/21 04:44	100-42-5	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		01/30/21 04:44	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		01/30/21 04:44	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		01/30/21 04:44	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/30/21 04:44	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/30/21 04:44	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/30/21 04:44	79-01-6	
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/30/21 04:44	75-69-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/30/21 04:44	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/30/21 04:44	108-67-8	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/30/21 04:44	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/30/21 04:44	1330-20-7	

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ANALYTICAL RESULTS

Project: Metro Parkway

Pace Project No.: 35607727

Sample: TMW-7 **Lab ID: 35607727007** Collected: 01/28/21 12:33 Received: 01/28/21 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Ormond Beach									
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		01/30/21 04:44	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		01/30/21 04:44	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		01/30/21 04:44	2199-69-1	

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

QC Batch: 700812 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35607727007

METHOD BLANK: 3817062 Matrix: Water

Associated Lab Samples: 35607727007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/30/21 01:39	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	1.0	0.59	01/30/21 01:39	
1,1,2-Trichloroethane	ug/L	0.30 U	1.0	0.30	01/30/21 01:39	
1,1-Dichloroethane	ug/L	0.34 U	1.0	0.34	01/30/21 01:39	
1,1-Dichloroethene	ug/L	0.59 U	1.0	0.59	01/30/21 01:39	
1,2,4-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/30/21 01:39	
1,2-Dichlorobenzene	ug/L	0.60 U	1.0	0.60	01/30/21 01:39	
1,2-Dichloroethane	ug/L	0.27 U	1.0	0.27	01/30/21 01:39	
1,2-Dichloropropane	ug/L	0.23 U	1.0	0.23	01/30/21 01:39	
1,3,5-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	01/30/21 01:39	
1,3-Dichlorobenzene	ug/L	0.33 U	1.0	0.33	01/30/21 01:39	
1,3-Dichloropropene	ug/L	0.17 U	1.0	0.17	01/30/21 01:39	
1,4-Dichlorobenzene	ug/L	0.28 U	1.0	0.28	01/30/21 01:39	
2-Butanone (MEK)	ug/L	21.0 U	50.0	21.0	01/30/21 01:39	
2-Hexanone	ug/L	3.2 U	25.0	3.2	01/30/21 01:39	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	25.0	7.5	01/30/21 01:39	
Acetone	ug/L	5.3 U	25.0	5.3	01/30/21 01:39	J(v1)
Benzene	ug/L	0.30 U	1.0	0.30	01/30/21 01:39	
Bromochloromethane	ug/L	0.37 U	1.0	0.37	01/30/21 01:39	
Bromodichloromethane	ug/L	0.19 U	1.0	0.19	01/30/21 01:39	
Bromoform	ug/L	0.48 U	3.0	0.48	01/30/21 01:39	
Bromomethane	ug/L	8.1 U	10.0	8.1	01/30/21 01:39	J(v2)
Carbon disulfide	ug/L	1.8 U	10.0	1.8	01/30/21 01:39	
Carbon tetrachloride	ug/L	0.44 U	3.0	0.44	01/30/21 01:39	
Chlorobenzene	ug/L	0.35 U	1.0	0.35	01/30/21 01:39	
Chloroethane	ug/L	3.7 U	10.0	3.7	01/30/21 01:39	
Chloroform	ug/L	0.32 U	1.0	0.32	01/30/21 01:39	
Chloromethane	ug/L	0.43 U	1.0	0.43	01/30/21 01:39	
cis-1,2-Dichloroethene	ug/L	0.27 U	1.0	0.27	01/30/21 01:39	
Dibromochloromethane	ug/L	0.45 U	2.0	0.45	01/30/21 01:39	
Dibromomethane	ug/L	0.68 U	2.0	0.68	01/30/21 01:39	
Dichlorodifluoromethane	ug/L	0.26 U	1.0	0.26	01/30/21 01:39	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	01/30/21 01:39	
Isopropylbenzene (Cumene)	ug/L	0.30 U	1.0	0.30	01/30/21 01:39	
Methyl-tert-butyl ether	ug/L	4.4 U	5.0	4.4	01/30/21 01:39	
Methylene Chloride	ug/L	4.4 U	5.0	4.4	01/30/21 01:39	
Styrene	ug/L	0.26 U	1.0	0.26	01/30/21 01:39	
Tetrachloroethene	ug/L	0.38 U	1.0	0.38	01/30/21 01:39	
Toluene	ug/L	0.33 U	1.0	0.33	01/30/21 01:39	
trans-1,2-Dichloroethene	ug/L	0.23 U	1.0	0.23	01/30/21 01:39	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

METHOD BLANK: 3817062 Matrix: Water
Associated Lab Samples: 35607727007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichloroethene	ug/L	0.36 U	1.0	0.36	01/30/21 01:39	
Trichlorofluoromethane	ug/L	0.35 U	1.0	0.35	01/30/21 01:39	
Vinyl chloride	ug/L	0.39 U	1.0	0.39	01/30/21 01:39	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	01/30/21 01:39	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130		01/30/21 01:39	
4-Bromofluorobenzene (S)	%	107	70-130		01/30/21 01:39	
Toluene-d8 (S)	%	99	70-130		01/30/21 01:39	

LABORATORY CONTROL SAMPLE: 3817063

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.4	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.6	93	68-125	
1,1,2-Trichloroethane	ug/L	20	19.7	98	70-130	
1,1-Dichloroethane	ug/L	20	20.9	104	70-130	
1,1-Dichloroethene	ug/L	20	23.9	119	66-133	
1,2,4-Trimethylbenzene	ug/L	20	19.1	95	70-130	
1,2-Dichlorobenzene	ug/L	20	17.5	87	70-130	
1,2-Dichloroethane	ug/L	20	20.2	101	70-130	
1,2-Dichloropropane	ug/L	20	19.8	99	70-130	
1,3,5-Trimethylbenzene	ug/L	20	18.9	95	70-130	
1,3-Dichlorobenzene	ug/L	20	18.2	91	70-130	
1,3-Dichloropropene	ug/L	40	34.6	87	67-115	
1,4-Dichlorobenzene	ug/L	20	17.5	87	70-130	
2-Butanone (MEK)	ug/L	100	106	106	47-143	
2-Hexanone	ug/L	100	92.4	92	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	100	83.3	83	57-132	
Acetone	ug/L	100	132	132	46-148 J(v1)	
Benzene	ug/L	20	20.3	102	70-130	
Bromochloromethane	ug/L	20	22.6	113	70-130	
Bromodichloromethane	ug/L	20	20.4	102	70-130	
Bromoform	ug/L	20	17.5	88	49-126	
Bromomethane	ug/L	20	13.8	69	10-165 J(v3)	
Carbon disulfide	ug/L	20	22.5	113	60-141	
Carbon tetrachloride	ug/L	20	19.2	96	63-126	
Chlorobenzene	ug/L	20	19.2	96	70-130	
Chloroethane	ug/L	20	21.8	109	71-142	
Chloroform	ug/L	20	20.5	102	70-130	
Chloromethane	ug/L	20	17.3	86	40-140	
cis-1,2-Dichloroethene	ug/L	20	20.8	104	70-130	
Dibromochloromethane	ug/L	20	20.8	104	62-118	
Dibromomethane	ug/L	20	22.0	110	70-130	
Dichlorodifluoromethane	ug/L	20	18.9	95	47-150	
Ethylbenzene	ug/L	20	18.7	94	70-130	

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

LABORATORY CONTROL SAMPLE: 3817063

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isopropylbenzene (Cumene)	ug/L	20	20.1	100	70-130	
Methyl-tert-butyl ether	ug/L	20	18.1	91	64-124	
Methylene Chloride	ug/L	20	21.3	107	65-136	
Styrene	ug/L	20	19.9	100	70-130	
Tetrachloroethene	ug/L	20	21.9	109	64-134	
Toluene	ug/L	20	18.8	94	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	68-127	
Trichloroethene	ug/L	20	20.9	104	70-130	
Trichlorofluoromethane	ug/L	20	21.3	106	65-135	
Vinyl chloride	ug/L	20	18.4	92	68-131	
Xylene (Total)	ug/L	60	58.0	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 3817073

Parameter	Units	35607252005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	0.30 U	20	21.8	109	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	20	18.0	90	68-125	
1,1,2-Trichloroethane	ug/L	0.30 U	20	19.0	95	70-130	
1,1-Dichloroethane	ug/L	0.34 U	20	21.2	106	70-130	
1,1-Dichloroethene	ug/L	0.59 U	20	23.1	115	66-133	
1,2,4-Trimethylbenzene	ug/L	0.24 U	20	18.1	91	70-130	
1,2-Dichlorobenzene	ug/L	0.60 U	20	16.8	84	70-130	
1,2-Dichloroethane	ug/L	0.27 U	20	20.0	100	70-130	
1,2-Dichloropropane	ug/L	0.23 U	20	20.0	100	70-130	
1,3,5-Trimethylbenzene	ug/L	0.24 U	20	18.3	92	70-130	
1,3-Dichlorobenzene	ug/L	0.33 U	20	17.3	86	70-130	
1,3-Dichloropropene	ug/L	0.17 U	40	31.4	78	67-115	
1,4-Dichlorobenzene	ug/L	0.28 U	20	16.8	84	70-130	
2-Butanone (MEK)	ug/L	21.0 U	100	91.0	91	47-143	
2-Hexanone	ug/L	3.2 U	100	91.3	91	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	100	80.6	81	57-132	
Acetone	ug/L	5.3 U	100	126	126	46-148 J(v1)	
Benzene	ug/L	0.30 U	20	20.6	103	70-130	
Bromochloromethane	ug/L	0.37 U	20	23.0	115	70-130	
Bromodichloromethane	ug/L	0.19 U	20	20.6	103	70-130	
Bromoform	ug/L	0.48 U	20	16.7	84	49-126	
Bromomethane	ug/L	8.1 U	20	13.7	69	10-165 J(v3)	
Carbon disulfide	ug/L	1.8 U	20	22.6	113	60-141	
Carbon tetrachloride	ug/L	0.44 U	20	21.1	106	63-126	
Chlorobenzene	ug/L	0.35 U	20	19.0	95	70-130	
Chloroethane	ug/L	3.7 U	20	23.8	119	71-142	
Chloroform	ug/L	0.32 U	20	20.8	104	70-130	

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

MATRIX SPIKE SAMPLE: 3817073		35607252005	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Chloromethane	ug/L	0.43 U	20	19.2	96	40-140	
cis-1,2-Dichloroethene	ug/L	0.27 U	20	21.1	106	70-130	
Dibromochloromethane	ug/L	0.45 U	20	19.7	98	62-118	
Dibromomethane	ug/L	0.68 U	20	21.4	107	70-130	
Dichlorodifluoromethane	ug/L	0.26 U	20	21.3	107	47-150	
Ethylbenzene	ug/L	0.30 U	20	18.6	93	70-130	
Isopropylbenzene (Cumene)	ug/L	0.30 U	20	20.1	100	70-130	
Methyl-tert-butyl ether	ug/L	4.4 U	20	19.3	91	64-124	
Methylene Chloride	ug/L	4.4 U	20	21.1	105	65-136	
Styrene	ug/L	0.26 U	20	19.1	95	70-130	
Tetrachloroethene	ug/L	0.38 U	20	19.0	95	64-134	
Toluene	ug/L	0.33 U	20	18.5	93	70-130	
trans-1,2-Dichloroethene	ug/L	0.23 U	20	19.7	99	68-127	
Trichloroethene	ug/L	0.36 U	20	20.5	103	70-130	
Trichlorofluoromethane	ug/L	0.35 U	20	24.6	123	65-135	
Vinyl chloride	ug/L	0.39 U	20	20.7	104	68-131	
Xylene (Total)	ug/L	2.1 U	60	57.6	96	70-130	
1,2-Dichlorobenzene-d4 (S)	%				96	70-130	
4-Bromofluorobenzene (S)	%				106	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 3817072

Parameter	Units	35607252004	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
1,1,1-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	0.59 U		40	
1,1,2-Trichloroethane	ug/L	0.30 U	0.30 U		40	
1,1-Dichloroethane	ug/L	0.34 U	0.34 U		40	
1,1-Dichloroethene	ug/L	0.59 U	0.59 U		40	
1,2,4-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,2-Dichlorobenzene	ug/L	0.60 U	0.60 U		40	
1,2-Dichloroethane	ug/L	0.27 U	0.27 U		40	
1,2-Dichloropropane	ug/L	0.23 U	0.23 U		40	
1,3,5-Trimethylbenzene	ug/L	0.24 U	0.24 U		40	
1,3-Dichlorobenzene	ug/L	0.33 U	0.33 U		40	
1,3-Dichloropropene	ug/L	0.17 U	0.17 U		40	
1,4-Dichlorobenzene	ug/L	0.28 U	0.28 U		40	
2-Butanone (MEK)	ug/L	21.0 U	21.0 U		40	
2-Hexanone	ug/L	3.2 U	3.2 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	7.5 U		40	
Acetone	ug/L	5.3 U	5.3 U		40 J(v1)	
Benzene	ug/L	0.30 U	0.30 U		40	
Bromochloromethane	ug/L	0.37 U	0.37 U		40	
Bromodichloromethane	ug/L	0.19 U	0.19 U		40	
Bromoform	ug/L	0.48 U	0.48 U		40	

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QUALITY CONTROL DATA

Project: Metro Parkway

Pace Project No.: 35607727

SAMPLE DUPLICATE: 3817072

Parameter	Units	35607252004 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromomethane	ug/L	8.1 U	8.1 U		40	J(v2)
Carbon disulfide	ug/L	1.8 U	1.8 U		40	
Carbon tetrachloride	ug/L	0.44 U	0.44 U		40	
Chlorobenzene	ug/L	0.35 U	0.35 U		40	
Chloroethane	ug/L	3.7 U	3.7 U		40	
Chloroform	ug/L	0.32 U	0.32 U		40	
Chloromethane	ug/L	0.43 U	0.43 U		40	
cis-1,2-Dichloroethene	ug/L	0.27 U	0.27 U		40	
Dibromochloromethane	ug/L	0.45 U	0.45 U		40	
Dibromomethane	ug/L	0.68 U	0.68 U		40	
Dichlorodifluoromethane	ug/L	0.26 U	0.26 U		40	
Ethylbenzene	ug/L	0.30 U	0.30 U		40	
Isopropylbenzene (Cumene)	ug/L	0.30 U	0.30 U		40	
Methyl-tert-butyl ether	ug/L	4.4 U	4.4 U		40	
Methylene Chloride	ug/L	4.4 U	4.4 U		40	
Styrene	ug/L	0.26 U	0.26 U		40	
Tetrachloroethene	ug/L	0.38 U	0.38 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
trans-1,2-Dichloroethene	ug/L	0.23 U	0.23 U		40	
Trichloroethene	ug/L	0.36 U	0.36 U		40	
Trichlorofluoromethane	ug/L	0.35 U	0.35 U		40	
Vinyl chloride	ug/L	0.39 U	0.39 U		40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%	100	100			
4-Bromofluorobenzene (S)	%	107	106		40	
Toluene-d8 (S)	%	98	99		40	

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

QC Batch: 701384	Analysis Method: EPA 8260
QC Batch Method: EPA 8260	Analysis Description: 8260 MSV
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35607727001, 35607727002, 35607727003

METHOD BLANK: 3819689 Matrix: Water
Associated Lab Samples: 35607727001, 35607727002, 35607727003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	0.30 U	1.0	0.30	02/01/21 23:40	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	02/01/21 23:40	
Methyl-tert-butyl ether	ug/L	4.4 U	5.0	4.4	02/01/21 23:40	
Toluene	ug/L	0.33 U	1.0	0.33	02/01/21 23:40	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	02/01/21 23:40	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130		02/01/21 23:40	
4-Bromofluorobenzene (S)	%	100	70-130		02/01/21 23:40	
Toluene-d8 (S)	%	105	70-130		02/01/21 23:40	

LABORATORY CONTROL SAMPLE: 3819690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	21.3	106	70-130	
Ethylbenzene	ug/L	20	19.4	97	70-130	
Methyl-tert-butyl ether	ug/L	20	18.7	93	64-124	
Toluene	ug/L	20	19.9	99	70-130	
Xylene (Total)	ug/L	60	58.3	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE SAMPLE: 3819692

Parameter	Units	35607530008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	0.30 U	20	21.7	108	70-130	
Ethylbenzene	ug/L	0.30 U	20	19.6	98	70-130	
Methyl-tert-butyl ether	ug/L	4.4 U	20	18.1	90	64-124	
Toluene	ug/L	0.33 U	20	19.9	100	70-130	
Xylene (Total)	ug/L	2.1 U	60	57.6	96	70-130	
1,2-Dichlorobenzene-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				104	70-130	

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QUALITY CONTROL DATA

Project: Metro Parkway

Pace Project No.: 35607727

SAMPLE DUPLICATE: 3819691

Parameter	Units	35607530007 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	0.30 U	0.30 U		40	
Ethylbenzene	ug/L	1.5	0.30 U		40	
Methyl-tert-butyl ether	ug/L	4.4 U	4.4 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
Xylene (Total)	ug/L	4.3 I	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%		99			
4-Bromofluorobenzene (S)	%		102		40	
Toluene-d8 (S)	%		104		40	

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

QC Batch:	701758	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35607727004, 35607727005, 35607727006

METHOD BLANK: 3821721 Matrix: Water

Associated Lab Samples: 35607727004, 35607727005, 35607727006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	0.30 U	1.0	0.30	02/03/21 01:23	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	02/03/21 01:23	
Methyl-tert-butyl ether	ug/L	4.4 U	5.0	4.4	02/03/21 01:23	
Toluene	ug/L	0.33 U	1.0	0.33	02/03/21 01:23	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	02/03/21 01:23	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130		02/03/21 01:23	
4-Bromofluorobenzene (S)	%	103	70-130		02/03/21 01:23	
Toluene-d8 (S)	%	97	70-130		02/03/21 01:23	

LABORATORY CONTROL SAMPLE: 3821722

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	19.7	99	70-130	
Ethylbenzene	ug/L	20	18.0	90	70-130	
Methyl-tert-butyl ether	ug/L	20	21.0	105	64-124	
Toluene	ug/L	20	18.7	94	70-130	
Xylene (Total)	ug/L	60	56.5	94	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3821724

Parameter	Units	35607729006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	0.30 U	20	17.9	90	70-130	
Ethylbenzene	ug/L	0.30 U	20	15.7	78	70-130	
Methyl-tert-butyl ether	ug/L	4.4 U	20	19.9	86	64-124	
Toluene	ug/L	0.33 U	20	16.7	83	70-130	
Xylene (Total)	ug/L	2.1 U	60	48.0	80	70-130	
1,2-Dichlorobenzene-d4 (S)	%				98	70-130	
4-Bromofluorobenzene (S)	%				103	70-130	
Toluene-d8 (S)	%				98	70-130	

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QUALITY CONTROL DATA

Project: Metro Parkway

Pace Project No.: 35607727

SAMPLE DUPLICATE: 3821723

Parameter	Units	35607729005 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/L	0.30 U	0.30 U		40	
Ethylbenzene	ug/L	0.30 U	0.30 U		40	
Methyl-tert-butyl ether	ug/L	4.4 U	4.4 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%	99	98			
4-Bromofluorobenzene (S)	%	105	103		40	
Toluene-d8 (S)	%	97	97		40	

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

QC Batch: 700902 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAHLV by SIM MSSV
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35607727001, 35607727002, 35607727003, 35607727004, 35607727005, 35607727006

METHOD BLANK: 3817615

Matrix: Water

Associated Lab Samples: 35607727001, 35607727002, 35607727003, 35607727004, 35607727005, 35607727006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	0.19 U	2.0	0.19	02/02/21 07:55	
2-Methylnaphthalene	ug/L	0.68 U	2.0	0.68	02/02/21 07:55	
Acenaphthene	ug/L	0.040 U	0.50	0.040	02/02/21 07:55	
Acenaphthylene	ug/L	0.030 U	0.50	0.030	02/02/21 07:55	
Anthracene	ug/L	0.043 U	0.50	0.043	02/02/21 07:55	
Benzo(a)anthracene	ug/L	0.055 U	0.10	0.055	02/02/21 07:55	
Benzo(a)pyrene	ug/L	0.12 U	0.20	0.12	02/02/21 07:55	
Benzo(b)fluoranthene	ug/L	0.027 U	0.10	0.027	02/02/21 07:55	
Benzo(g,h,i)perylene	ug/L	0.15 U	0.50	0.15	02/02/21 07:55	
Benzo(k)fluoranthene	ug/L	0.16 U	0.50	0.16	02/02/21 07:55	
Chrysene	ug/L	0.026 U	0.50	0.026	02/02/21 07:55	
Dibenz(a,h)anthracene	ug/L	0.13 U	0.15	0.13	02/02/21 07:55	
Fluoranthene	ug/L	0.018 U	0.50	0.018	02/02/21 07:55	
Fluorene	ug/L	0.088 U	0.50	0.088	02/02/21 07:55	
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	0.15	0.12	02/02/21 07:55	
Naphthalene	ug/L	0.29 U	2.0	0.29	02/02/21 07:55	
Phenanthrene	ug/L	0.16 U	0.50	0.16	02/02/21 07:55	
Pyrene	ug/L	0.032 U	0.50	0.032	02/02/21 07:55	
2-Fluorobiphenyl (S)	%	68	32-100		02/02/21 07:55	
p-Terphenyl-d14 (S)	%	78	48-112		02/02/21 07:55	

LABORATORY CONTROL SAMPLE: 3817616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	5	4.0	80	34-103	
2-Methylnaphthalene	ug/L	5	3.9	79	35-100	
Acenaphthene	ug/L	5	4.0	80	38-102	
Acenaphthylene	ug/L	5	3.9	79	35-97	
Anthracene	ug/L	5	4.5	89	46-107	
Benzo(a)anthracene	ug/L	5	4.3	87	55-113	
Benzo(a)pyrene	ug/L	5	4.2	83	51-112	
Benzo(b)fluoranthene	ug/L	5	4.4	89	58-116	
Benzo(g,h,i)perylene	ug/L	5	4.2	84	45-116	
Benzo(k)fluoranthene	ug/L	5	4.4	88	58-118	
Chrysene	ug/L	5	4.5	90	58-120	
Dibenz(a,h)anthracene	ug/L	5	4.3	85	46-114	
Fluoranthene	ug/L	5	4.5	90	54-118	
Fluorene	ug/L	5	4.0	81	40-105	
Indeno(1,2,3-cd)pyrene	ug/L	5	4.2	84	46-114	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

LABORATORY CONTROL SAMPLE: 3817616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	5	3.7	74	34-97	
Phenanthrene	ug/L	5	4.4	89	47-110	
Pyrene	ug/L	5	4.5	90	54-117	
2-Fluorobiphenyl (S)	%			81	32-100	
p-Terphenyl-d14 (S)	%			79	48-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3818727 3818728

Parameter	Units	35607727004		3818727		3818728		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
1-Methylnaphthalene	ug/L	0.19 U	5	5	3.9	3.5	77	71	34-103	8	40		
2-Methylnaphthalene	ug/L	0.68 U	5	5	3.8	3.5	75	69	35-100	8	40		
Acenaphthene	ug/L	0.040 U	5	5	3.9	3.6	78	71	38-102	9	40		
Acenaphthylene	ug/L	0.030 U	5	5	3.8	3.5	77	70	35-97	9	40		
Anthracene	ug/L	0.043 U	5	5	4.4	4.0	88	81	46-107	8	40		
Benzo(a)anthracene	ug/L	0.055 U	5	5	4.4	4.0	88	80	55-113	9	40		
Benzo(a)pyrene	ug/L	0.12 U	5	5	4.3	3.9	86	77	51-112	10	40		
Benzo(b)fluoranthene	ug/L	0.027 U	5	5	4.5	4.1	90	83	58-116	8	40		
Benzo(g,h,i)perylene	ug/L	0.15 U	5	5	4.2	3.8	84	77	45-116	9	40		
Benzo(k)fluoranthene	ug/L	0.16 U	5	5	4.4	4.1	89	81	58-118	9	40		
Chrysene	ug/L	0.026 U	5	5	4.6	4.2	92	83	58-120	10	40		
Dibenz(a,h)anthracene	ug/L	0.13 U	5	5	4.3	3.9	86	78	46-114	10	40		
Fluoranthene	ug/L	0.018 U	5	5	4.5	4.1	90	82	54-118	9	40		
Fluorene	ug/L	0.088 U	5	5	3.9	3.6	78	71	40-105	9	40		
Indeno(1,2,3-cd)pyrene	ug/L	0.12 U	5	5	4.3	3.9	85	77	46-114	10	40		
Naphthalene	ug/L	0.29 U	5	5	3.5	3.3	69	64	34-97	7	40		
Phenanthrene	ug/L	0.16 U	5	5	4.3	4.0	86	80	47-110	8	40		
Pyrene	ug/L	0.032 U	5	5	4.5	4.2	90	83	54-117	8	40		
2-Fluorobiphenyl (S)	%						77	71	32-100				
p-Terphenyl-d14 (S)	%						78	72	48-112				

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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

QC Batch:	701411	Analysis Method:	FL-PRO
QC Batch Method:	EPA 3510	Analysis Description:	FL-PRO Water Low Volume
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35607727001, 35607727002, 35607727003, 35607727004, 35607727005, 35607727006

METHOD BLANK: 3819805 Matrix: Water
Associated Lab Samples: 35607727001, 35607727002, 35607727003, 35607727004, 35607727005, 35607727006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/L	0.80 U	1.0	0.80	02/02/21 09:07	
N-Pentatriacontane (S)	%	87	42-159		02/02/21 09:07	
o-Terphenyl (S)	%	82	66-139		02/02/21 09:07	

LABORATORY CONTROL SAMPLE: 3819806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	5	3.6	72	66-119	
N-Pentatriacontane (S)	%			90	42-159	
o-Terphenyl (S)	%			84	66-139	

MATRIX SPIKE SAMPLE: 3819872

Parameter	Units	35607727004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	0.81 U	4.7	3.1	64	65-123	J(M1)
N-Pentatriacontane (S)	%				85	42-159	
o-Terphenyl (S)	%				77	66-139	

SAMPLE DUPLICATE: 3819873

Parameter	Units	35608132003 Result	Dup Result	RPD	Max RPD	Qualifiers
Petroleum Range Organics	mg/L	0.82 I	0.83 I		20	
N-Pentatriacontane (S)	%	89	85			
o-Terphenyl (S)	%	88	90			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Metro Parkway

Pace Project No.: 35607727

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Compound was analyzed for but not detected.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- J(v1) The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
- J(v2) The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
- J(v3) The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Metro Parkway
Pace Project No.: 35607727

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35607727001	TMW-1	EPA 3510	701411	FL-PRO	701545
35607727002	TMW-2	EPA 3510	701411	FL-PRO	701545
35607727003	TMW-3	EPA 3510	701411	FL-PRO	701545
35607727004	TMW-4	EPA 3510	701411	FL-PRO	701545
35607727005	TMW-5	EPA 3510	701411	FL-PRO	701545
35607727006	TMW-6	EPA 3510	701411	FL-PRO	701545
35607727001	TMW-1	EPA 3510	700902	EPA 8270 by SIM	701252
35607727002	TMW-2	EPA 3510	700902	EPA 8270 by SIM	701252
35607727003	TMW-3	EPA 3510	700902	EPA 8270 by SIM	701252
35607727004	TMW-4	EPA 3510	700902	EPA 8270 by SIM	701252
35607727005	TMW-5	EPA 3510	700902	EPA 8270 by SIM	701252
35607727006	TMW-6	EPA 3510	700902	EPA 8270 by SIM	701252
35607727007	TMW-7	EPA 8260	700812		
35607727001	TMW-1	EPA 8260	701384		
35607727002	TMW-2	EPA 8260	701384		
35607727003	TMW-3	EPA 8260	701384		
35607727004	TMW-4	EPA 8260	701758		
35607727005	TMW-5	EPA 8260	701758		
35607727006	TMW-6	EPA 8260	701758		

DRAFT

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 13

Document Revised:
May 30, 2018
Issuing Authority:
Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project # **WO# : 35607727**
Project Manager: **PM: LAP** **Due Date: 02/04/21**
Client: **CLIENT: 37-TIETPA**

Date and Initials of person:
Examining contents: dm
Label: 1/28/21
Deliver: 1/28/21
pH:

Thermometer Used: T203 Date: 1/28/21 Time: 1514 Initials: mve

State of Origin: FL For WW projects, all containers verified to ≤6 °C

Cooler #1 Temp. °C 1.6 (Visual) 0.0 (Correction Factor) 1.6 (Actual) Samples on ice, cooling process has begun
Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____
Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority
 Other _____
Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Dry None
Packing Material: Bubble Wrap Bubble Bags None Other _____
Samples shorted to lab (if Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): Temp Taken at Tmw-2

Project Manager Review: _____ Date: _____