TECHNICAL REPORT COVERSHEET

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*

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.

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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	6100 Daniels	This active 7-Eleven gas station currently		
7-Eleven Food	Parkway	maintains two underground storage tanks (USTs) totaling 25,000-gallons of petroleum	SB-1	TMW-1
Store #32781		product storage capacity. One discharge was reported in November 2006 that received a	SB-2	
"Medium" Rating		Site Rehabilitation Completion Order (SRCO) in October 2007. Groundwater depth was	SB-3	
Facility ID# 9801877		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.		
Site #10	13031 Metro			
Sunshine Food	Parkway	This facility currently maintains two 20,000-	SB-4	TMW-2
Mart #370		gallon unleaded gasoline USTs, located approximately 140 feet east of the right-of-way. No discharges have been documented.	SB-5	
"Medium" Rating		This facility is an operational retail fuel station adjoining the mainline.	SB-6	
Facility ID# 9800002				

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SITE NAME	SITE NAME ADDRESS COMMENTS		SOIL BORING(S)	TEMPORARY MONITORING WELL(S)
Site #32 Circle K/Superamerica	12251 Metro Parkway	This active facility currently maintains multiple USTs containing unleaded gas and vehicular diesel. Discharges were reported in	SB-7	TMW-3
"Medium" Rating		September 2001, October 2003, October 2005, and October 2012. SRCOs were approved for all reported discharges.	SB-8	
Facility ID# 9200747		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-9	
Site #33	12210 Metro	During the Level I site reconnaissance, this site was observed as an unpaved parking	SB-10	TMW-4
7-Eleven Food Store #27123	Parkway	area. A discharge notification form was submitted in June 1987 due to groundwater	SB-10 SB-11	1 10100 -4
"High" Rating		contamination reported for a proposed 7- Eleven store, which was denied eligibility under the Early Detection Incentive (EDI)	SB-12	
Facility ID# 9047461		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		
Site #67	10800 Metro	support during construction. This active facility currently maintains three		
Circle K #7468	Parkway	USTs (unleaded gasoline and diesel). One discharge was documented in November 1988. A Low-Scored Site Initiative (LSSI) No	SB-13	TMW-5
"High" Rating		Further Action Order & Notice of Contamination report dated July 2012	SB-14	
Facility ID# 85191000		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-15	
Site #72 7-Eleven Food	2980 Colonial Boulevard	This active facility currently maintains four 10,000-gallon unleaded gasoline USTs and reportedly a diesel AST. One discharge was	SB-16	TMW-6
Store #32312		reported in September 2007. An SRCO was approved in September 2008. Groundwater	SB-17	
"Medium" Rating		depth in 2007 was measured from 4 to 5 feet with a southeastern flow, towards the project	SB-18	
Facility ID# 9701065		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.		

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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	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	SB-19	TMW-7
"High" Rating		tetrachloroethene at a concentration of 98 µg/kg. No subsequent sampling events have been performed. The soil contamination is	SB-20	
Facility ID# 9500936; FLD 982170284; FLR 000014837		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-21	

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

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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.

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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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MAPS



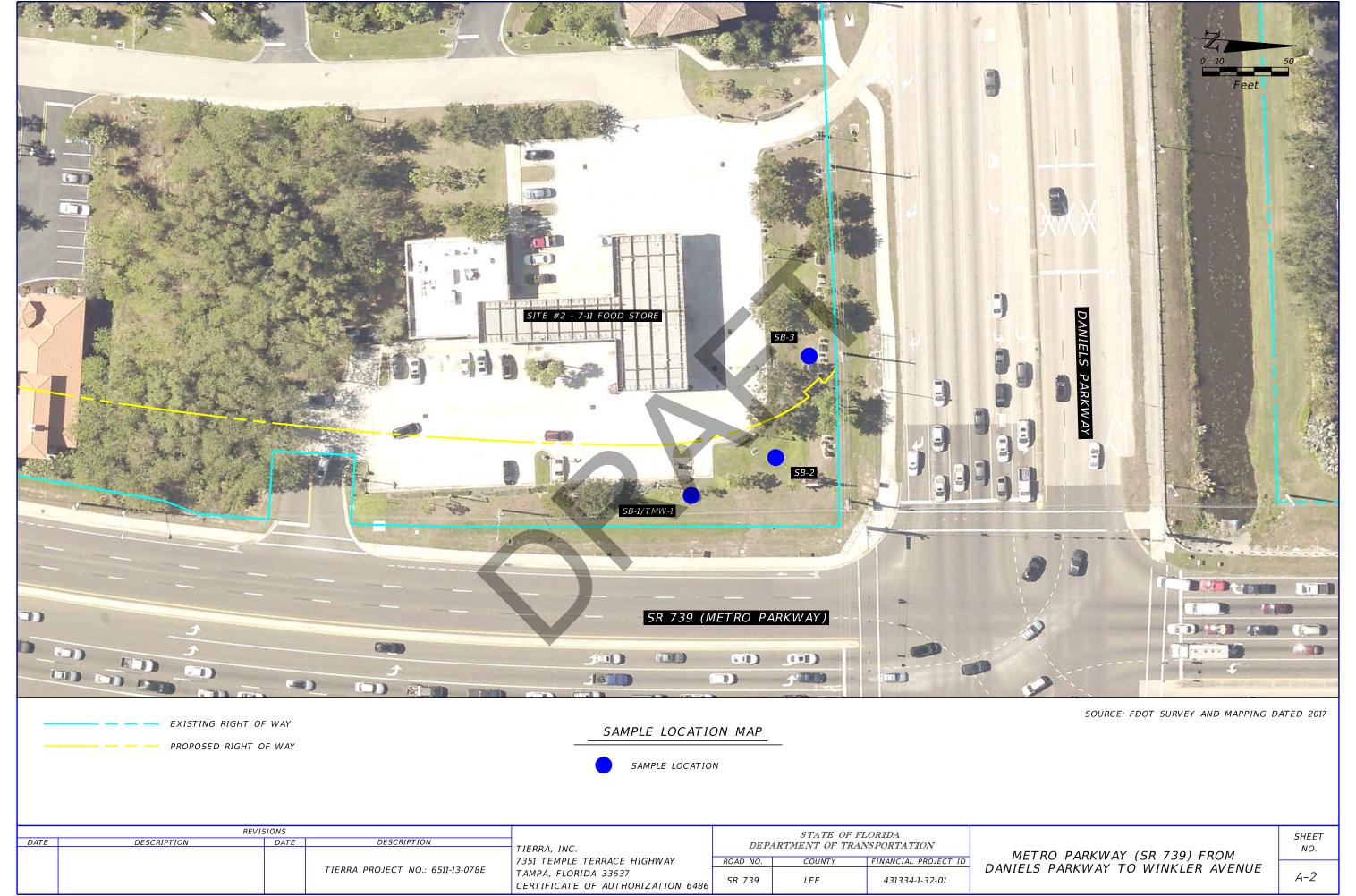
PROJECT LOCATION MAP

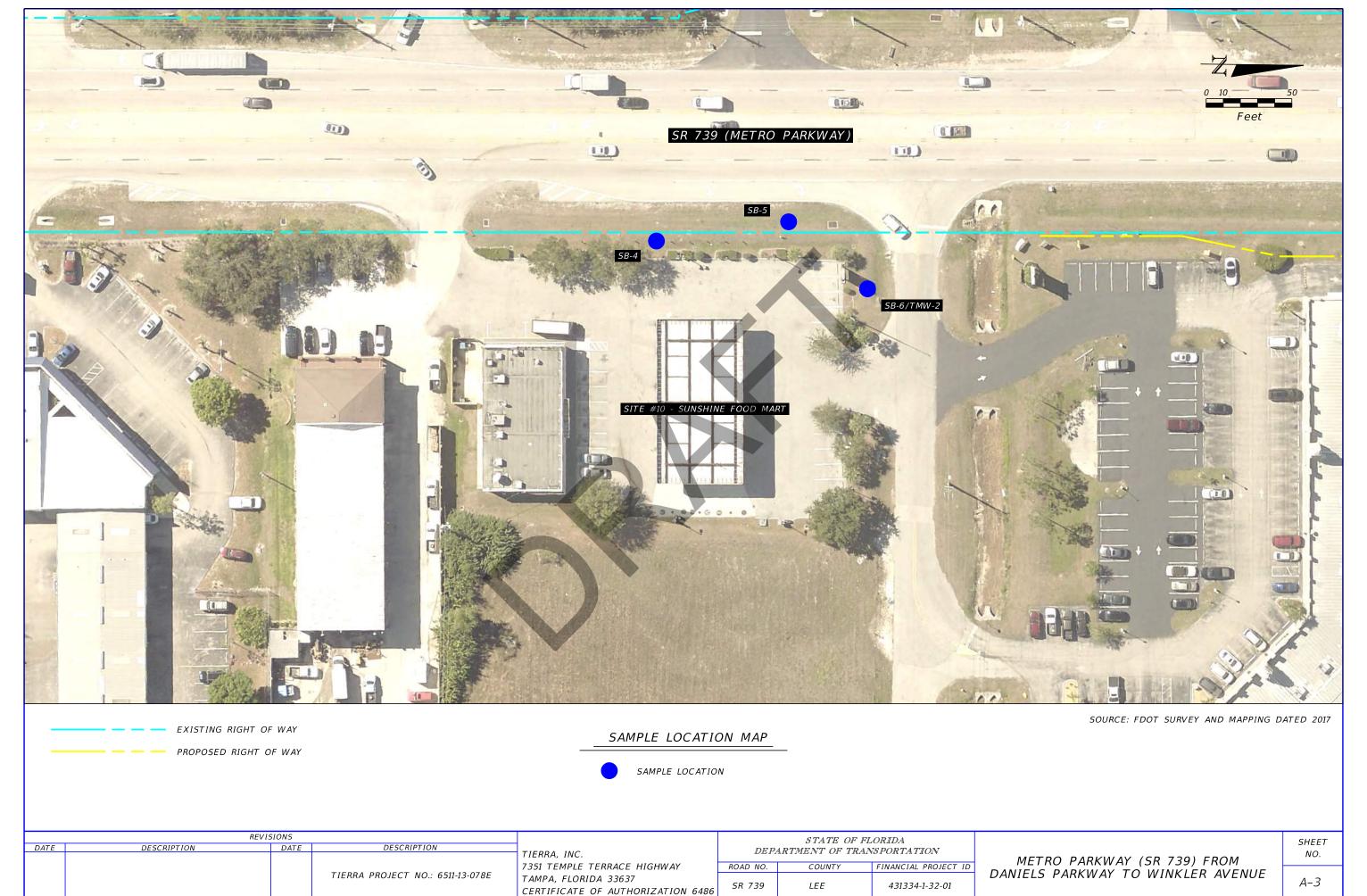
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DATE	DESCRIPTION	DATE	DESCRIPTION	TIERRA, INC.	DEP	ARTMENT OF TR	\$1.000 To 15.000 To 10.000	
				7351 TEMPLE TERRACE HIGHWAY	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	_
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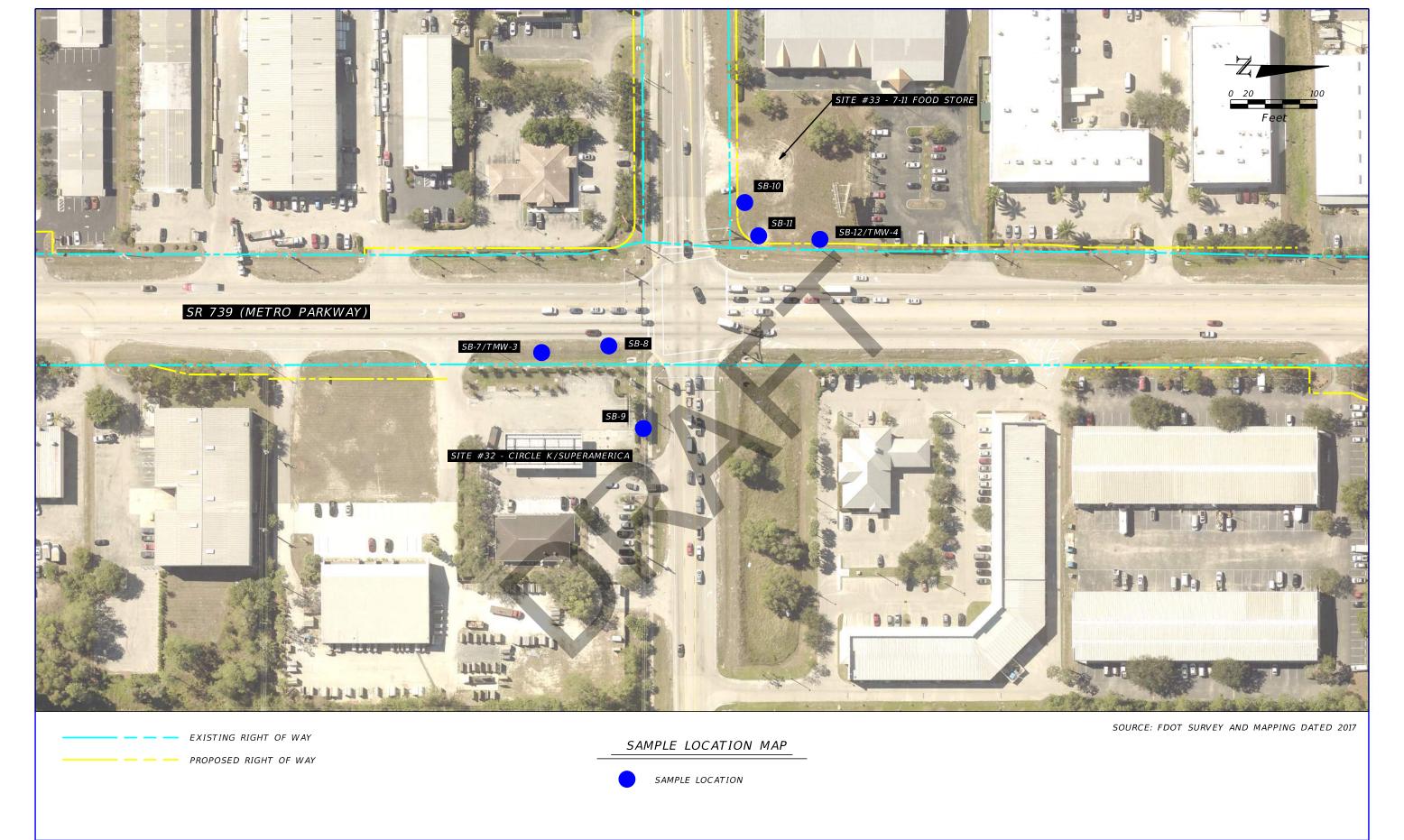
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
SP 730	IFF	131331-1-32-01				

METRO PARKWAY (SR 739) FROM DANIELS PARKWAY TO WINKLER AVENUE

SHEET A-1







<i>REVISIONS</i>							
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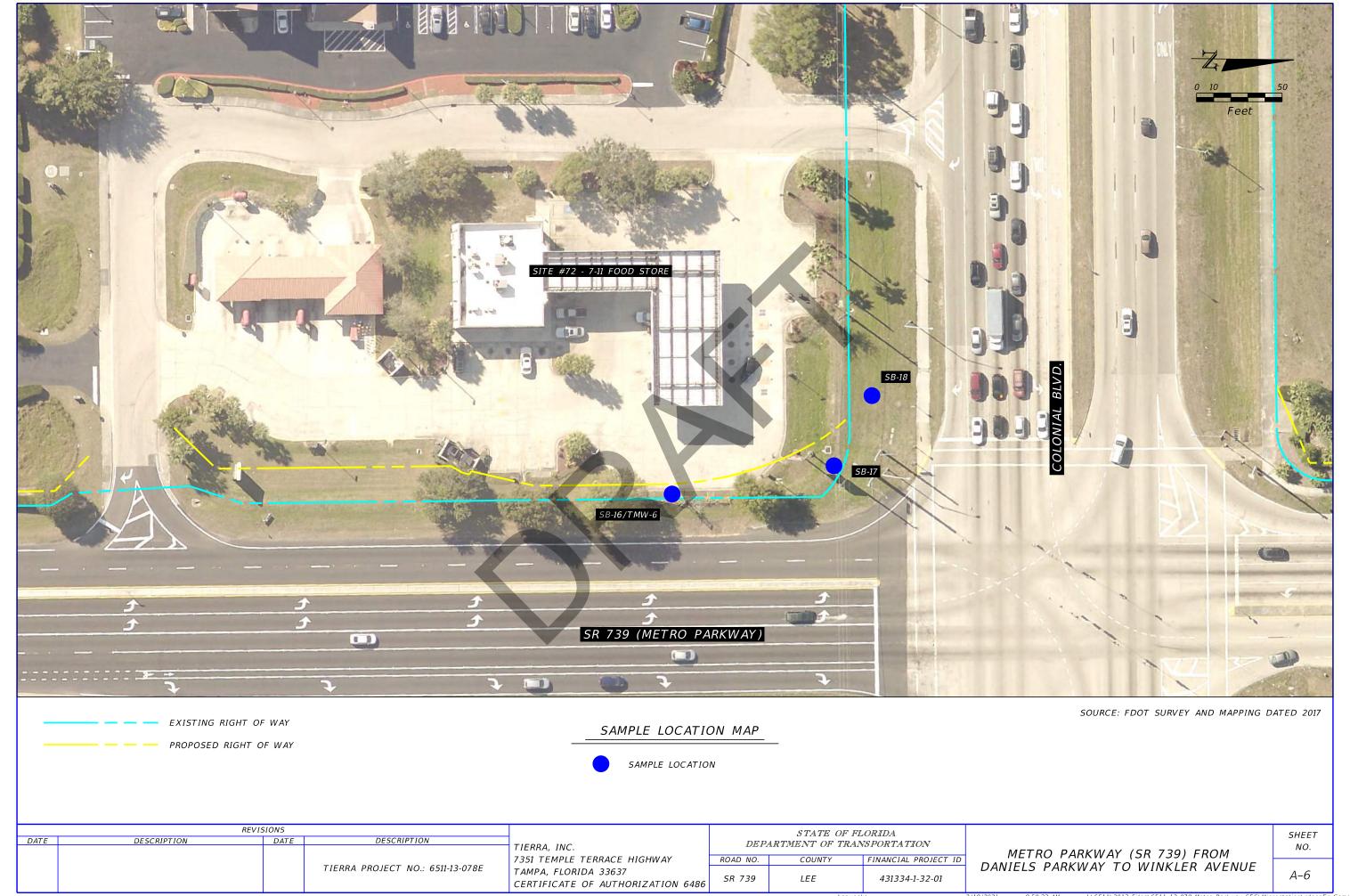
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7351 TEMPLE TERRACE HIGHWAY	ROAD NO.	COUNTY	FINANCIAL PROJE		
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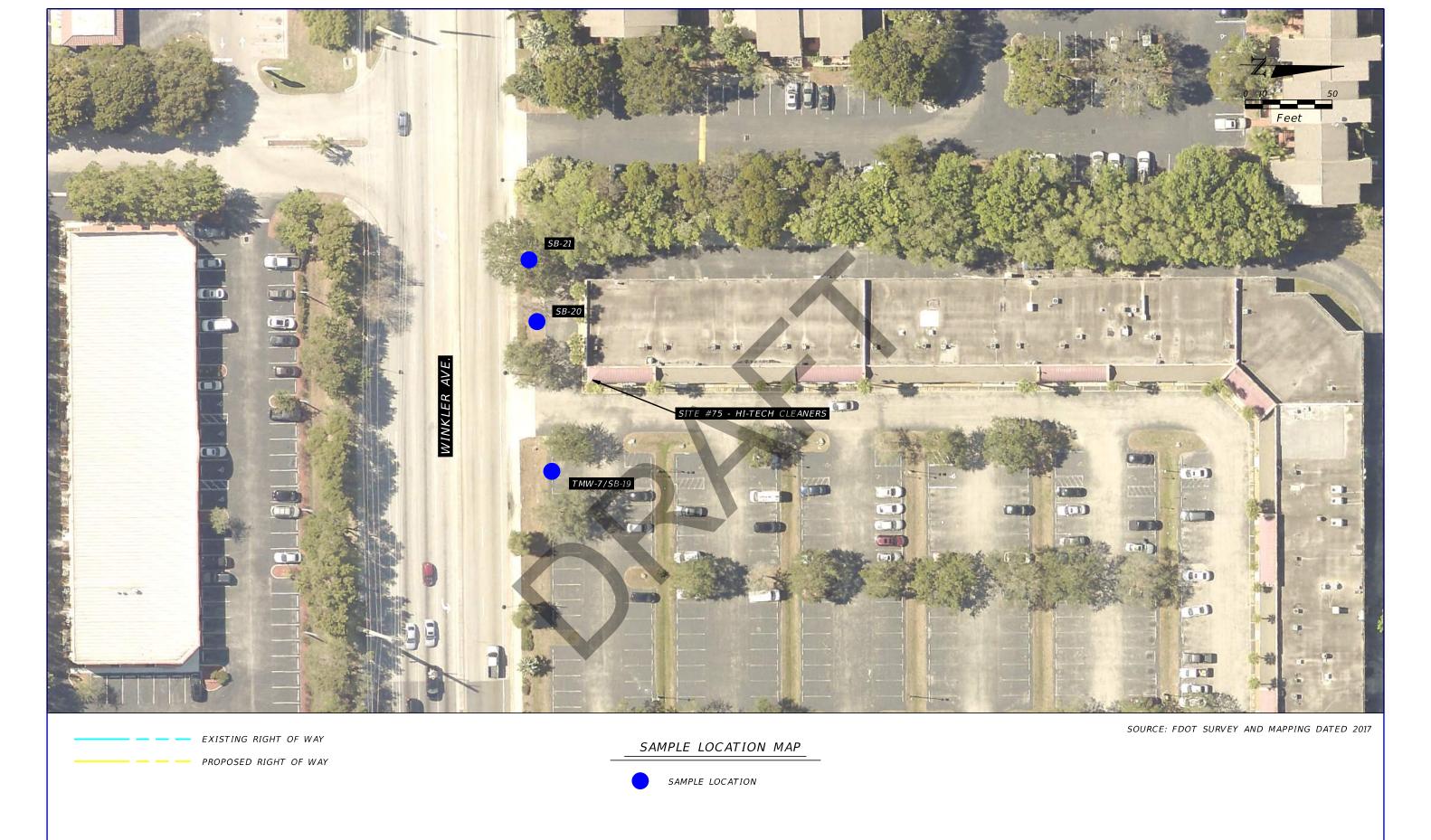
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	431334-1-32-01	DANIELS PARKW

RKWAY (SR 739) FROM NAY TO WINKLER AVENUE

SHEET NO. A-4







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DATE	DESCRIPTION	DATE	DESCRIPTION						
			TIERRA PROJECT NO.: 6511-13-078E						

TIERRA, INC.		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			
7351 TEMPLE TERRACE HIGHWAY	ROAD	NO.	COUNTY	FINANCIAL PROJECT ID	
TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION	6486 SR 7	739	LEE	431334-1-32-01	

METRO PARKWAY (SR 739) FROM DANIELS PARKWAY TO WINKLER AVENUE

SHEET A-7

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
				1	33.3	Discrete soil sample collected @ 1 ft.
				2	2.6	
				3	1.3	
	SB-1/TMW-1	1/26/21	4.5 ft.	4	0.8	
				5	0.5	
				6	0.5	
				7	0.4	
				8 1	0.3 4.8	No soil sample collected
				2	3.7	No son sample collected
Site 2: 7-Eleven Food Store				3	19.6	
Q Q				4	3.4	
Foo	SB-2	1/26/21	7.5 ft.	5	1.2	
, en	02.2	1/20/21	7.5 %	6	1.6	
ile ile				7	0.9	
1-Z				8	0.5	
				9	0.2	
Sit				1	28.6	No soil sample collected
				2	22.8	·
				3	15.8	
				4	15.5	
	SB-3	1/26/21	9.5 ft.	5	1.9	
	36-3	1/26/21	9,5 π.	6	1.8	
				7	1.9	
				8	0.0	
				9	0.8	
				10	0.2	
				1	0.5	No soil sample collected
	SB-4	1/26/21	GNE	2	0.9	
t				3	0.4	
Ma				4	13.2	
poo	SB-5	1/26/21	GNE	1	0.6	No soil sample collected
Site 10: Sunshine Food Mart				2	0.4	
ihin				1	0.3	
šuns				2	0.9	
9				4	0.1 0.2	
te 1	SB-6/TMW-2	1/26/21	7 ft.	5	0.2	
Si				6	6.5	Discrete soil sample collected @ 6 ft.
				7	0.5	District soil sample collected & Oit.
				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
				1	0.3	Discrete soil sample collected @ 1 ft.
				2	0.0	
	SB-7/TMW-3	1/26/21	5 ft.	3	0.0	
	3D-1/11VIVV-3	1/20/21	5 II.	<u>4</u> 5	0.0	
				6	0.0	
Site 32: Circle K/Superamerica				7	0.0	
аше				1	0.0	No soil sample collected
pera				2	0.1	The self-cample contested
ns/		4 /0.0 /0.4	4.6	3	0.0	
ē Z	SB-8	1/26/21	4 ft.	4	0.0	
Sircl				5	0.0	
25: 0				6	0.0	
ite			5 ft.	1	0.0	No soil sample collected
S				2	0.0	
				3	0.0	
	SB-9	1/26/21		4	0.0	
				5	0.0	
				6	0.1	
				7	0.0	
				1	0.1	No soil sample collected
		SB-10 1/27/21	3.5 ft.	2	0.0	
	SB-10			3	0.0	
				4	0.0	
ē				5	0.0	
Sto				6 1	0.0	No soil sample collected
poc				2	0.0	No soil sample collected
r Ā				3	0.0	
eve	SB-11	1/27/21	4 ft.	4	0.0	
7-EI				5	0.0	
. :83				6	0.0	
Site 33: 7-Eleven Food Store				1	0.1	
S				2	0.8	Discrete soil sample collected @ 2 ft.
	CD 40/TBANA/ 4	1/07/04	254	3	0.2	
	SB-12/TMW-4	1/27/21	3.5 ft.	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
				1	2.1	
				2	68.1	Discrete soil sample collected @ 2 ft.
	SB-13/TMW-5	1/27/21	4.5 ft.	3	1.2	
	02 10/111111 0	1,21,21	1.0 1.0	4	1.5	
				5	0.0	
				6	0.0	
\times				1	0.0	No soil sample collected
cle				2	0.0	
Site 67: Circle K	SB-14	1/27/21	4.5 ft.	3	0.0	
67:	02	.,,		4	0.0	
Site				5	0.0	
0,7				6	0.0	
				1	8.3	No soil sample collected
				2	2.7	
	SB-15	1/27/21	3.5 ft.	3	0.0	
		,,_,,_,		4	0.0	
				5	0.0	
				6	0.0	
				1	0.0	
Φ				2	7.4	
Stor	SB-16/TMW-6	1/27/21	4.5 ft.	3	12.6	Discrete soil sample collected @ 3 ft.
s po				4	0.5	
Fo				5	0.2	
ven				1	0.0	
Site 72: 7-Eleven Food Store	SB-17	1/27/21	1.5 ft.	2	0.0	No soil sample collected
2: 7-				3	0.0	
37 e				4	0.0	
Site	OD 40	4/07/04		1	0.0	No soil sample collected
	SB-18	1/27/21	3 ft.	2	0.0	
				3	0.0	
Tech	SB-19/TMW-7	1/27/21	6.5 ft.	-	-	OVA and soil sampling not scoped
Site 75: Hi-Tech Cleaners	SB-20	1/27/21	GNE	-	-	OVA and soil sampling not scoped
Site 7	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			Laborator	y Analyses		
Boring / Well No.	Date Collected	Apparent Borehole Depth to Water	Sample Interval	Net OVA Reading	Benzene	Toluene	Ethyl- benzene	Tolal Xylenes	MTBE	TRPH
		to water		(ppm)	(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
		L	eachability S	CTL (mg/kg)	0.007	0.5	0.6	0.2	0.09	340
	Dire	ct Exposure	Residential S	CTL (mg/kg)	1.2	7500	1500	130	4400	460
	Direct Exposul	re Commercia	al/Industrial S	CTL (mg/kg)	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 Analyse	es				
Boring / Well No.	Date Collected	Apparent Borehole Depth	Sample Interval	Net OVA Reading	Naphthalene	1-Methyl- naphthalene	2-Methyl- naphthalene	Acenaphthene	Acenaph- thylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene
		to Water		(ppm)	(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
	•	Ĺ	eachability S	SCTL (mg/kg)	1.2	3.1	8.5	2.1	27	2500	32000	1200	160	250	880
	Direct Exposure Residential SCTL (mg					200	210	2400	1800	21000	2500	3200	2600	2200	2400
	Direct Exposure Commercial/Industrial SCTL (mg/					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



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	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
		to water		(ppm)	(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 l	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	-
		L	eachability S	CTL (mg/kg)	8	0.8	2.4	24	77	0.7	6.6	*
	Dire	ect Exposure	Residential S	CTL (mg/kg)	#	#	#	#	#	#	#	0.1
	Direct Exposul	re Commercia	al/Industrial S	CTL (mg/kg)	#	#	#	#	#	#	#	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

TEF =	Toxic	Equivalency	Factor
	I OAIO	Equivalency	i actor

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

	Soil Sample #	SB-7									
	Sample Date	1/26/2021									
	Sample Location:	Site 32: Circle K									
	Depth (ft):	1 ft.									
				C	ontaminant Cond	centrations					
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									
				l l	Benzo(a)pyrene E	quivalents					
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 Banga(a) numana	Tauris rata mata			0.0	Total Equiva				2.2		
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
					Comparisons to	SCILS					
Does This Sample		SB-7 (mg/kg)									
The Residential Direct Exp 0.1 mg/kg?		ок	ок	ок	ок	ок	ок	ок	ок	ок	ок
The Industrial Direct Exposure SCTL of 0.7 mg/kg?		ок	ок	ок	ок	ок	ок	ок	ок	ок	ок
No Alternative SCTL Given		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

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

FPID#: 431334-1 Facility Name: Metro Parkway, Lee County

Sample In	fo.									Lal	oratory Analy	ses								
Location	Date	TRPH	Naph- thalene	1-Methyl- naphthalene	2-Methyl- naphthalene	Acenaph- thene	Acenaph- thylene	Anthracene	Benzo (g,h,i) perylene	Fluoran- thene	Fluorene	Phenan- threne	Pyrene	Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoran- thene	Benzo (k) fluoran- thene	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

TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample In	fo.							Laboratory	y Analyses						
Location	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	1,2,4-Trimethyl- benzene	1,3,5-Trimethyl- benzene	Cumene (Isopropyl benzene)	1,1,1-Trichloro- ethane	1,1,2,2- Tetrachloro- ethane	1,1,2-Trichloro- ethane	1,1-Dichloro- ethane	1,1-Dichloro- ethene	1,2-Dichloro- benzene
		(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

TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample Info) .							Laborator	y 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

TABLE 7: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - VOCs

FPID#: 431334-1

Facility Name: Metro Parkway, Lee County

Sample Info) <u>.</u>							Li	aboratory Analys	es						
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	-	-	-	ı	-	-	-	-	-	-	-	-	-	-	-
TMW-6	01/28/2021	-	-	-	ı	-	-	-	-	-	-	-	-	-	-	-
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

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	SB-1	SB-1/TMW-1	26.5459	-81.85279							
Store	3B-1 TMW-1	SB-2	26.54603	-81.85287							
Store	I IVIVV-T	SB-3	26.54607	-81.85306							
Site 10: Sunshine Food	SB-6	SB-4	26.55325	-81.85265							
Mart	3B-0 TMW-2	SB-5	26.55347	-81.85269							
Iviart	I IVIVV-Z	SB-6/TMW-2	26.55359	-81.85257							
Site 32:Circle K	SB-7	SB-7/TMW-3	26.56417	-81.85284							
/Superamerica	TMW-3	SB-8	26.56438	-81.85287							
	I IVIVV-3	SB-9	26.56449	-81.85258							
	SB-12	SB-10	26.56481	-81.85338							
Site 33: 7-11 Food Store	7MW-4	SB-11	26.56485	-81.85326							
	I IVIVV-4	SB-12/TMW-4	26.56505	-81.85325							
	SB-13	SB-13/TMW-5	26.58534	-81.85349							
Site 67: Circle K	3B-13 TMW-5	SB-14	26.58554	-81.8535							
	TIVIVV-3	SB-15	26. 58571	-81.85349							
	SB-16	SB-16/TMW-6	26.59675	-81.85063							
Site 72: 7-11 Food Store	TMW-6	SB-17	26.59701	-81.85069							
	I IVIVV-O	SB-18	26.59707	-81.85081							
		TMW-7	26.60473	-81.8514							
Site 75:Hi-Tech Cleaners	TMW-7	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

ATTACHMENT C

FIELD FORMS

		Page 1 of			
Boring/Well Number:	Project Name: SR 739 (Metro Parkway) from Project Nur	mber:6511-13-078E			
SB-1/ TMW-1	Daniels Parkway to Winkler Avenue				
Site Name:		40 X AM PM			
Ste 2-7-Eleven	End Date: 1/26/2021 End Time: / 2	53 🛛 AM 🗆 PM			
Environmental Contractor:	Geologist's Name: NA Environmen	ntal Scientist's Name:			
Tierra		Sammy A.			
		orehole Depth (feet):			
PDS . Drilling Method(s): Apparent Boreho	NA 3.25 le DTW (in feet Measured Well DTW (in feet after OVA (list n	nodel and check type):			
HA/DP from soil moistu	re content): 4.5 water recharges in well):	FID R PID			
Disposition of Drill Cuttings [check method(s	Water American				
		expire 1 Other			
(describe if other or multiple items are checke					
Borehole Completion (check one):	Well Grout Bentonite Backfill	Other (describe)			
8 - 2		≥ Lab Soil and			
Unfiltered OVA SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Z De C. I D	Moisture Samples (list sample number and depth or temporary screen interval)			
Filtered OVA SPT Blows per six inches per six inches (inches) Sample Depth Interval (feet) Sample Type	Net OVA Sample Description (include grain size based on USCS, odors, staining, and other remarks)	Samples (list sample number			
OV d O d O low low low local l	And other remarks)	and depth or			
YA VYA VOICES		temporary screen interval)			
110	D. Wh. J. Fla	D			
HA	33.3-1 Dark brown/gray f/s 2.6-2 Garm/light brown f/s	58-101			
	2.6 2 Gran/light brown Fls	1 2			
	1.3 - 3	W			
	0.8 - 4 bt brown / Park brown f/s	5			
De l	0.5				
	0.5 6				
	0.4 - 7				
	0.3 8 Park brown fls				
	0.3 8 Park brown fly				
*	10 Gray = 14 y _ 15 UB				
	11				
	12				
Sample Type Codes: PH = Post Hole; HA = Hand	Auger; $SS = Split Spoon$; $ST = Shelby Tube$; $DP = Direct Push$; $SC = Split Spoon$	Sonic Core; DC = Drill Cuttings			

Moisture Content Codes: $\mathbf{D} = \text{Dry}$; $\mathbf{M} = \text{Moist}$; $\mathbf{W} = \text{Wet}$; $\mathbf{S} = \text{Saturated}$

											Pag	ge 1 of			
Boring	g/Well N	lumber	:			Project Name: SR 739 (Metro Parkway) from					Projec	t Num	ber:65	11-13-0	078E
			SB- Ҳ			Daniels Parkway to Winkler Avenue									
Site N						Boreho	le Start Da	ate:	1/ 26 /2021	Borehole Start				X	
Sir	te 2	-7	Ele	ven			End Da	ate:	1/26 /2021	End '	Time:		2	Z,	AM PM
Environmental Contractor:						Geolog	ist's Name	e: NA			Enviro	nment			Name:
Tierra					Ė						<u> </u>			mmy A	
Drillir	ng Comp	any: PDS	:		Paveme		cness (incl	hes):	Borehole Dian	neter (inches): 3.25		Bor	ehole I	Jepth (reet): /D
Drillir	ng Meth			Apparen	t Borehol			Me	l asured Well DTW		OVA	(list mo	odel an	d chec	k type):
	-	/DP					it): 7.5	- w	ater recharges in	well):				J.	FID 🔀 PID
Dispo	sition of	Drill (Cuttings [check m	ethod(s)]:	П	Drum	Spread	▼ Backfill	П	Stock	kpile	Г	Other
(descr	ibe if ot	her or i	nultiple i	tems are	checked	d):									
Boreh	ole Com	pletion	check o	one):	П	Well	∏ Gro	ut	Bentonite	☐ Backf	ill	Γ	Other (descril	pe)
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	(inclu	de grain size bas	Description sed on USCS, odd her remarks)	ors, stai	ning,	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
#A						4.8 3.16 3.2 1.6 0.9 0.2	1 2 2 3 4 5 6 7 7 8 9 10 11 12	24-	brown F		493			D - NE G 3 C	

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

		DC	MING LOC	J		- מו	a 1 -£	1
D - ATT 1127 1		Di. / NI. CD	720 (M-+ P1	Page 1 of				
Boring/Well Number: SB- 3		· ·	739 (Metro Parkway) Parkway to Winkler A	Project Number:6511-13-078E				
Site Name:		Borehole Start Da	[Time: //2	. 0	X A	м Г РМ		
Site 2-7 Elever		End Da		Borehole Start		MODELETS AND ADDRESS.		
Environmental Contractor:		Geologist's Name	:: NA		Environment		ntist's l	Name:
Tierra							nmy A	
Drilling Company: PDS	Paveme	ent Thickness (incl NA	nes): Borehole Dian	neter (inches): 3.25	Bor	ehole I	Depth (feet):
Drilling Method(s): Ap		le DTW (in feet	Measured Well DTV	V (in feet after	OVA (list mo	odel an		
HA/DP fi	rom soil moistu	re content): 9.5	water recharges in	well):				FID K PID
Disposition of Drill Cuttings [che	eck method(s)]:	rum Spread	▼ Backfill	Stock	kpile	Г	Other
(describe if other or multiple iten	ns are checked							
Borehole Completion (check one):	Well Gro	ut	Backfi	II F (Other (describ	e)
SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Filtered OVA Unfiltered OVA	Depth (feet) Net OVA	(include grain size ba	e Description sed on USCS, odd ther remarks)	ors, staining,	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
Te 1		28.6 — 1 22.8 — 2 15.8 — 3 15.5 — 4 1.9 — 5 1.9 — 6 1.9 — 7 0.0 — 8 0.8 — 9 0.2 — 10 — 11 — 12	Gray loose Gray / brown L+ brunn ca limerally for Gray / L+ b W) line Gray-F/r w FOB		e show		D / Ms	
Sample Type Codes: PH = Post Ho	le; HA = Hane	d Auger; SS = Split	Spoon; $ST = Shelby Tr$	ube; $\mathbf{DP} = \mathbf{Direct}$	Push; $SC = S$	onic Co	re; DC	= Drill Cuttings

Moisture Content Codes: $\mathbf{D} = \text{Dry}$; $\mathbf{M} = \text{Moist}$; $\mathbf{W} = \text{Wet}$; $\mathbf{S} = \text{Saturated}$

			ige 1 of		
Boring/Well Number:	Project Name: SR 739 (Metro Parkway) from	Project Number:6511-13-078E			
SB- 4	Daniels Parkway to Winkler Avenue				
Site Name:	Borehole Start Date: 1/26 /2021 Borehole Start	Time: 13 10	☐ AM PM		
Site 10- Sundine / Cherry	End Date: 1/24 /2021 End		Г АМ Г РМ		
Environmental Contractor:	Geologist's Name: NA	Environmental Sci			
Tierra	This laws on (in short). Dough als Dismostay (in short)	<u> </u>	Donth (foot)		
Drilling Company: Pavem	ent Thickness (inches): NA Borehole Diameter (inches): 3.25	Borenote	Depth (feet):		
Drilling Method(s): Apparent Boreho		OVA (list model a	nd check type):		
HA/DK from soil moist	ure content GNE water recharges in well):		□ FID K PID		
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☑ Backfill	Stockpile	Other		
(describe if other or multiple items are checke	d):				
Borehole Completion (check one):	Well Grout Bentonite Backfi	ill T Other	(describe)		
			→ Lab Soil and		
Fill Unf S Sam Sam Int		US	Groundwater		
Unfiltered OVA SPT Blows (per six inches) ample Recover (inches) Sample Depth Interval (feet) Sample Type	Net Opth (feet) Sample Description (include grain size based on USCS, odd and other remarks)	ors, staining, USCS Symbol	Samples (list		
erred O' liltered C PT Blow PT Blow Pr six incl ple Recc (inches) nple De erval (fe	(include grain size based on USCS, ode and other remarks)	ors, staining, S	sample number and depth or		
Unfiltered OVA SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet)	et)	bol	temporary screen		
н			interval)		
	05 — 1 Gry/brown F/S w/ 0.9 — 2 0.4 — 3 13.2 — 4 — EOB—Refusal ro — 5 — Refused 4 more — 6 — between 1'-4' bls — 7 — 8 — 9 — 10 — 11	LK			
Sample Type Codes: PH = Post Hole: HA = Han	d Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct	Push; SC = Sonic C	ore; DC = Drill Cuttings		

Moisture Content Codes: $\mathbf{D} = Dry$; $\mathbf{M} = Moist$; $\mathbf{W} = Wet$; $\mathbf{S} = Saturated$

	Page 1 of				
Boring/Well Number:	Project Name: SR 739 (Metro Parkway) from Project Number:6511-13-078E				
SB- 5	Daniels Parkway to Winkler Avenue				
Site Name:	Borehole Start Date: 1/262021 Borehole Start Time: 1810 AM X PM	1			
Site 10 - Sunshine	End Date: 1/26/2021 End Time: 1550 AM T PM	1			
Environmental Contractor:	Geologist's Name: NA Environmental Scientist's Name:				
Tierra	Sammy A.				
	avement Thickness (inches): Borehole Diameter (inches): Borehole Depth (feet):				
PDS Apparent Bo	0.25				
HA/NY from soil m	Borehole DTW (in feet moisture content). Measured Well DTW (in feet after water recharges in well): OVA (list model and check type):	ID			
Disposition of Drill Cuttings [check methor	hod(s)]: . ☐ Drum ☐ Spread ☑ Backfill ☐ Stockpile ☐ Other				
(describe if other or multiple items are ch	hecked):	;			
Borehole Completion (check one):	Well Grout Bentonite Backfill Other (describe)				
Unfiltered OVA SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Filtered OVA Net OVA Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and depth temporary segment interval)	ater (list iber or ereen			
HA	0.6-1 Brown/gray F/s w/ rock Frage 0.4-2-1E0B Refusal-Limerack Refused 2 more times between 1'-2' bls -5 -6 -7 -8 -9 -10 -11				

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

				Pag	e 1 of	
Boring/Well Number:	Project Name: Sl	R 739 (Metro Parkway) from	Project Num	ber:651	1-13-()78E
SB-6/TM	W-2 Daniels	Parkway to Winkler Avenue				
Site Name:	Borehole Start D	ate: 1/ 26 /2021 Borehole Start	Time: 140	0		АМ 💢 РМ
Site 10- Sunshine	End D	ate: 1/ 2 6/2021 End T	ime: 14.	50		АМ ПРМ
Environmental Contractor:	Geologist's Nam	e: NA	Environment	tal Scie	ntist's	Name:
Tierra				Sar	nmy A	١.
Drilling Company: PDS	Pavement Thickness (inc	hes): Borehole Diameter (inches): 3.25	Bor	ehole I	Depth ((feet):
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	nt Borehole DTW (in feet	Measured Well DTW (in feet after	OVA (list mo	odel an		** '
	oil moisture content):	water recharges in well):	Ct - cl	1 21		FID K PID
Disposition of Drill Cuttings [check n	(/3	Drum Spread Backfill	Stock	крие		Other
(describe if other or multiple items are						
Borehole Completion (check one):	Well Gro	out Bentonite Backfi		Other (describ	pe)
SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet)	Depth (feet) Net OVA Filtered OVA	Sample Description (include grain size based on USCS, odo and other remarks)	rs, staining,	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA De	0.3 — 1 0.4 — 2 0.1 — 3 0.2 — 4 0.1 — 5 6.5 — 6 0.3 — 7 0.2 — 8 — 9 — 10 — 11 — 12	Gray loose f/s L+ Brown f/s Drange sand w/gra. Park brown Garay clayer sand w/lime E08- refuegl f			D . 8 35	5 B-6@ 6

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

							Page 1					e 1 of			
Boring	Boring/Well Number:						Project Name: SR 739 (Metro Parkway) from					t Numb	er:651	1-13-0)78E
l			SB- 7	TM	w-3										
Site N	ame:					Boreho	le Start D	ate:	1/26/2021	Borehole S	Start Time:	160	20		м 🗷 РМ
1:2	cEs	-C	rcle k	,			End Da	ate:	1/26 /2021]	End Time:	163	O		АМ 🗷 РМ
	nmenta					Geolog	ist's Nam	e: NA			Enviro	nmenta			
			ierra											nmy A	
Drillir	ng Comp				Paveme		cness (inc	hes):	Borehole Dian		s):	Bore	hole I	Depth (feet): 7
× 1111	3.5.4	PDS	<u></u>	_	. D. 1		IA	12.6	easured Well DTW	3.25	- LOVA (Tist mo.	dal on	d abaal	k type):
Drillir	ng Meth	od(s):				le DTW (in reet		vater recharges in	•	T OVA	'nst mo	dei an		FID 🔀 PID
			3 //* F	<u> </u>					Spread	Back	611	Stock	nile		Other
,			Cuttings [↓ L	Tuili	Spread	Je Dack	PITTE I'' I	Stock	piic	11	Other
·			multiple i				1900		NAME OF THE PARTY	Canada .		house			
Boreh	ole Con	pletior	n (check o	one):	X	Well	☐ Gro	out	Bentonite	ГВ	ackfill	ГО	ther (describ	oe)
	L 7-	Sz	(ď										M	Lab Soil and
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Z	Dep		Sample	e Descript	ion		USCS Symbol	Moisture Content	Groundwater Samples (list
ple	ple]	ple Reco	SPT Blows er six inche	erec	red	Net OVA	Depth (feet)	(incl	ude grain size ba	sed on USCS	S, odors, stair	ning,	SSy	re (sample number
Тур	Dept (fee	ecov	ows	101	OV.	VA	feet)		and of	ther remark	s)		m be	ont	and depth or
ē	C F	ery	es)	/A	₽								_	ent	temporary screen interval)
HA						0.3	_ 1	Gr	ay I brown	+15 v	y/rock	-		0	SB-7,
							2				1495				
						0.0	3								
-						0.0									
						ao	- 4		,					3	
}						0.0	5	\Diamond						8	
{						0.0	6	被	(5	
$ \downarrow$						0.0	7	E		1_				1	
						0.0	8	L	9						
							9								
							10								
							11								
							12								
Sampl	е Туре С	odes: I	PH = Post	Hole; H	A = Han	d Auger;	SS = Spli	t Spoor	$\mathbf{ST} = \mathbf{Shelby} \mathbf{T}$	ube; $\mathbf{DP} = \mathbf{I}$	Direct Push;	SC = So	nic Co	re; DO	C = Drill Cuttings

Moisture Content Codes: $\mathbf{D} = Dry$; $\mathbf{M} = Moist$; $\mathbf{W} = Wet$; $\mathbf{S} = Saturated$

•		Page 1 of
Boring/Well Number:	Project Name: SR 739 (Metro Parkway) from	Project Number:6511-13-078E
SB- %	Daniels Parkway to Winkler Avenue	
Site Name:	Borehole Start Date: 1/262021 Borehole Start	Time: /632
Site 32-Circle K	End Date: 1/ 26 /2021 End 7	Time: 1645 AM PM
Environmental Contractor:	Geologist's Name: NA	Environmental Scientist's Name:
Tierra		Sammy A.
Drilling Company: Pave	nent Thickness (inches): Borehole Diameter (inches): NA 3.25	Borehole Depth (feet):
	nole DTW (in feet Measured Well DTW (in feet after	OVA (list model and check type):
HA/DR from soil moi	sture content): water recharges in well):	FID FID
Disposition of Drill Cuttings [check method	(s)]: Drum Spread Backfill	Stockpile
(describe if other or multiple items are chec	xed):	
Borehole Completion (check one):	Well Grout Bentonite Backfi	ill Cother (describe)
Unfiltered OVA SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet)	Net OVA Net OVA Sample Description (include grain size based on USCS, odd and other remarks)	USCS Symbol USCS Symbol USCS Symbol USCS Symbol USCS Symbol Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
	0.0 - 1 0.1 - 2 0.0 - 3 L+ Brown f/s w/re 0.0 - 4 0.0 - 5 0.0 - 5 0.0 - 6 - 7 - 8 - 9 - 10 - 11 12	•

Moisture Content Codes: $\mathbf{D} = \text{Dry}$; $\mathbf{M} = \text{Moist}$; $\mathbf{W} = \text{Wet}$; $\mathbf{S} = \text{Saturated}$

						Page 1 of	<u> </u>
Boring/Well Number:		Project Name: SR 739	9 (Metro Parkway)	from P	roject Numb	er:6511-13-	-078E
SB- 9			kway to Winkler A				
Site Name:		Borehole Start Date:	1/ Z& /2021	Borehole Start Ti	me: 16#	•	АМ 🥕 РМ
Site 32 - Cincle K		End Date:	1/26 /2021	End Tir	ne: 17/6	0 [AM 🗷 PM
Environmental Contractor:		Geologist's Name: N	A	E	nvironmenta		
Tierra	- ID	(271 1	D		lD	Sammy	
Drilling Company: PDS	Paveme	ent Thickness (inches): NA	: Borehole Diam	3.25	Bore	hole Depth	(leet): 7
	pparent Boreho		Measured Well DTW		VA (list mo	del and che	ck type):
	rom soil moistu	re content): 5	water recharges in	well):		Γ	FIDAT PID
Disposition of Drill Cuttings [ch	eck method(s)]:	n Spread	▼ Backfill	Stock	pile	Other
(describe if other or multiple iten	ns are checked	d):					
Borehole Completion (check one	e):	Well Grout	Bentonite	F Backfill	Го	ther (descri	be)
	1						
Sar (p	Ch F					Mo:	Lab Soil and Groundwater
SPT Blows (per six inches) ample Recover (inches) Sample Depth Interval (feet) Sample Type	Filtered OVA	Depth (feet)		Description		loisture Conte	Samples (list
PT Blow r six inch ple Reco (inches) mple Del terval (fe	ed O	Depth (fee	nclude grain size bas	sed on USCS, odors ther remarks)	, staining,	e Co	sample number and depth or
SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Filtered OVA Unfiltered OVA	A et)		,		Moisture Content USCS Symbol	temporary screen
HA -						\mathcal{D}	interval)
		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Graff/s	<i>y</i>		からし	

Moisture Content Codes: $\mathbf{D} = \text{Dry}$; $\mathbf{M} = \text{Moist}$; $\mathbf{W} = \text{Wet}$; $\mathbf{S} = \text{Saturated}$

							eror_	
Boring/Well Number:		Project Name: SR	R 739 (Metro Parkway)) from	roject Numl	oer:651	1-13-0	78E
SB- /0	1	Daniels	Daniels Parkway to Winkler Avenue					
Site Name:		Borehole Start Da	ate: 1/ 27 /2021	Borehole Start Ti	me: 087	3	X A	м Грм
Sile 33 7 Eleven		End Da	ate: 1/ 27 /2021	End Ti	me: 083	3		M PM
Environmental Contractor:		Geologist's Name	e: NA	E	Environment			
Tierra					1		nmy A	
Drilling Company: PDS	Pavem	ent Thickness (incl NA	hes): Borehole Dian	neter (inches): 3.25	Bor	ehole I	Depth (feet):
Drilling Method(s):	Apparent Boreho	ole DTW (in feet	Measured Well DTW	V (in feet after	OVA (list mo	odel an		
HA/DA	from soil moist	ure content): 3.5	water recharges in	well):			Г	FID 📉 PID
Disposition of Drill Cuttings [71.	Drum Spread	Backfill	Stock	kpile	Г	Other
(describe if other or multiple i	VARIAN.			Backfill	F)+h-:: (describ	(a)
Borehole Completion (check o	one):	Well Gro	ut Bentonite	Backfill	1 1 0	otner (uescrib	PC)
SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Filtered OVA Unfiltered OVA	Depth (feet) Net OVA	(include grain size ba	e Description sed on USCS, odors ther remarks)	s, staining,	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA \		0.1 — 1 0.0 — 2 0.0 — 3 0.0 — 4 0.0 — 5 0.0 — 6 — 7 — 8 — 9 — 10 — 11 — 12	Gray brown Gray f/		bell Frys I Frys		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: <math>D = Dry; M = Moist; W = Wet; S = Saturated

					Pag	ge 1 of
Boring/Well Number:	**************************************	Project Name: SI	R 739 (Metro Parkway)	from Projec	ct Number:65	11-13-078E
SB-	11	Daniels	Parkway to Winkler A			
Site Name:		Borehole Start D	ate: 1/ 27 /2021	Borehole Start Time:	• -	🗷 АМ 🗆 РМ
Site 33 7 Eleve	in	End Da	ate: 1/ 3.7 /2021	End Time:	0800	Г АМ
Environmental Contractor:		Geologist's Name	e: NA	Envir		entist's Name:
Tierra	Daviosa	nt Thickness (inc	hes): Borehole Dian	neter (inches):		mmy A. Depth (feet):
Drilling Company: PDS	Paveme	nt Thickness (inc.	nes). Borenole Dian	3.25	Potenoie	Loopin (1001).
Drilling Method(s):	Apparent Borehol	e DTW (in feet	Measured Well DTW	(in feet after OVA	(list model ar	nd check type):
HA/DE	from soil moistu	re content):	water recharges in			□ FID 🗷 PID
Disposition of Drill Cuttings [check method(s)]: 🔲 🗆	Drum Spread	▼ Backfill	Stockpile	Other
(describe if other or multiple i	tems are checked	d):				
Borehole Completion (check of	one):	Well Gro	out Bentonite	Backfill	Other ((describe)
SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Filtered OVA Unfiltered OVA	Depth (feet) Net OVA	(include grain size bas	e Description sed on USCS, odors, stat her remarks)	USCS Symbol	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
Sample Type Codes: PH = Post		0.0 - 1 $0.1 - 2$ $0.0 - 3$ $0.1 - 4$ $0.0 - 5$ $0.0 - 6$ $0.0 - 6$ $0.0 - 10$ $0.0 - 11$ $0.0 - 11$ $0.0 - 12$	→ Orange — EOB	sand w/she frag	11 95	MW S Daill Cuttings

Moisture Content Codes: $\mathbf{D} = Dry$; $\mathbf{M} = Moist$; $\mathbf{W} = Wet$; $\mathbf{S} = Saturated$

Page 1 of Project Number:6511-13-078E Project Name: SR 739 (Metro Parkway) from Boring/Well Number: Daniels Parkway to Winkler Avenue Tmw-1/77/2021 Borehole Start Time: 0805 XAM PM Site Name: Borehole Start Date: End Time: 0820 AM | PM 1/27/2021 5,te 33 End Date: Environmental Scientist's Name: Geologist's Name: NA Sammy A. Borehole Depth (feet): Borehole Diameter (inches): Pavement Thickness (inches): Drilling Company: 3.25 OVA (list model and check type): Apparent Borehole DTW (in feet Measured Well DTW (in feet after Drilling Method(s): from soil moisture content): 3. 5 FID FID water recharges in well): HA/BAC Stockpile Other Drum Spread **▼** Backfill Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked): Bentonite | Backfill Other (describe) Grout Borehole Completion (check one): Lab Soil and Sample Recovery (inches) Moisture Content Sample Depth Interval (feet) Unfiltered OVA USCS Symbol Groundwater (per six inches) Filtered OVA Sample Type Depth (feet) SPT Blows Net OVA Sample Description Samples (list (include grain size based on USCS, odors, staining, sample number and other remarks) and depth or temporary screen interval) HA 0.1 0.8 0,2 runge sand w/ shell 0.0 0.0 10 11

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

		_	Page 1 of
Boring/Well Number:	Project Name: SR 739 (N	Лetro Parkway) from Project Nu	mber:6511-13-078E
SB- 13/T/	V - ·	ay to Winkler Avenue	
Site Name:	Borehole Start Date:		917 K AM F PM
Site 67 Linde K	End Date:	1/ 27 /2021 End Time: /	034 X AM T PM
Environmental Contractor:	Geologist's Name: NA	Environme	ental Scientist's Name:
Tierra			Sammy A. Forehole Depth (feet):
Drilling Company: PDS	NA	3.25	6
	· · ·	asured Well DTW (in feet after after after recharges in well): 3.6	model and check type):
Disposition of Drill Cuttings [check m	nethod(s)]:	Spread 🔽 Backfill 🗆 Sto	ockpile Cother
(describe if other or multiple items are			
Borehole Completion (check one):		Bentonite Backfill	Other (describe)
Unfiltered OVA SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Depth (feet) Net OVA Filtered OVA	Sample Description de grain size based on USCS, odors, staining, and other remarks)	USCS Symbol USCS
## H	68.1 2 L+ 1.2 3 Br 1.5 4 Grade 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	my/brown sand w/rock frags gray/brown Sand own/gray sand w/rocks my/l+ Brn sand w/shell frags s	D 58-13 at 2"

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

		Page 1 of
Boring/Well Number:	Project Name: SR 739 (Metro Parkway) from Project Name: Pr	oject Number:6511-13-078E
sb- /4	Daniels Parkway to Winkler Avenue	
Site Name:	Borehole Start Date: 1/27/2021 Borehole Start Tin	, -
Alte 67 Cincle K	End Date: 1/27 /2021 End Tim	e: /000 🗷 AM 🗆 PM
Environmental Contractor:	Geologist's Name: NA En	vironmental Scientist's Name:
Tierra		Sammy A.
Drilling Company: Pavem PDS	ent Thickness (inches): NA Borehole Diameter (inches): 3.25	Borehole Depth (feet):
Drilling Method(s): Apparent Boreho		VA (list model and check type):
	re content): 4.5 water recharges in well):	FID K PID
Disposition of Drill Cuttings [check method(s		Stockpile Other
(describe if other or multiple items are checke		
	Well Grout Bentonite Backfill	Other (describe)
Solution Completion (check one).		
Sau Sau Ur B		Lab Soil and Groundwater
Unfiltered OVA Unfiltered OVA SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Net OVA Sample Description (include grain size based on USCS, odors, and other remarks)	$\hat{\mathcal{G}}$ $\hat{\mathbf{E}}$ Samples (list
iltered OV. filtered OV SPT Blows er six inche nple Recov (inches) ample Deputerval (fee	Sample Description (include grain size based on USCS, odors, and other remarks)	staining, S sample number
OV. OV. Ov. ove	and other remarks)	B 의 and depth or 인 한 temporary screen
- J		interval)
HA	0.0 - 1 Gray F/s Brown/gray sand	D
	DO - 1 Brown / Change	<u></u>
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	4 L+ brown sand wish.	
	0.0 - 4 Lt brown sand w/she	h Fragge M
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	9	
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	12	
Sample Type Codes: $PH = Post Hole$; $HA = Han$	d Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Pus	sh; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: $\mathbf{D} = \text{Dry}$; $\mathbf{M} = \text{Moist}$; $\mathbf{W} = \text{Wet}$; $\mathbf{S} = \text{Saturated}$

Boring/Well Number: SB: B Daniels Parkway to Windler Avenue Site Name: Berobole Start Date: 1/27/2021 Berobole Date: 1/27/2021 Berobole Date: 1/27/2021 Berobole Date: 1/27/2021 Borehole Date: 1/2/2021 Bore			Page 1 of
Site Name: Site Of Circle End Date: 1/27/2021 Borehole Start Time: 1/27/2021 Borehole Diameter (inches): Sammy A Borehole Diameter (inches): Sammy A Borehole Diameter (inches): Borehole Diameter (inches): Find Time: 1/27/2021 Borehole Diameter (inches): Find Time: 1/27/2021 Borehole Diameter (inches): Sammy A Borehole Diameter (inches): Find Time: 1/27/2021 Borehole Completion Find Time: 1/27/2021 Borehole Diameter (inches): Find Time: 1/27/2021 Borehole Completion: Find Time: 1/27/2021 Borehole Completion: Find Time: 1/27/2021 Borehole Completion: Find Time: 1/27/2021 Borehole Diameter (inches): Find Time: 1/27/2021 Borehole Completion: Find Time: 1/27/2021 Borehole Diameter (inches):		Project Name: SR 739 (Metro Parkway) from	Project Number:6511-13-078E
End Date: 1/27/2021 End Time: 1/55 AM PM Environmental Contractor: Geologist's Name: NA Filters Drilling Company: Pavement Thickness (inches): Borchole Diameter (inches): Sampy A. Drilling Methods: Apparent Eorebole Div (in feet HA/78): Measured well DIV (in feet after HA/78): To Disposition of Drill Cuttings (check methods): Filters Disposition of Drill Cuttings (check methods): To Pum To Spread Forebole Diameter (inches): Sample Description (inches): To Well To Grout To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): Sample Description (inches): Sample Description (inches): To Pum To Somple Description (inches): To Pum To Somple Description (inches): To Drive To Bentonite To Sample Description (inches): To Drive To Bentonite To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Recovery To Blows (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Description (inches): To Drive To Bentonite To Backfill To Other (describe) Sample Description (inches): To Drive To Bentonite To Backfill To Other (describe): To Drive To Bentonite To Bentonite To Bentonite To Bentonite To Bentonite To Bentonite To Bento	SB- /5		
Environmental Contractor: Terre	Site Name:	Borehole Start Date: 1/27/2021 Borehole Start	Time: 1002 KAM PM
Company Payment Thickness (inches): Borehole Diameter (inches): Sample Payment Thickness (inches): Apparent Rorehole Diameter (inches): Sample Payment Thickness (inches): Stocknist (inch	Ste 67 Gradek	End Date: 1/ 27 /2021 End T	Time: 1035 KAM FPM
Drilling Company: PDS Pavement Thickness (inches): NA 3.25 Drilling Method(s): HAPPR Disposition of Drill Cuttings (check method(s)): Borchole Completion (check one): Constitution of Drill Cuttings (check method(s)): Constitution of Drill Cuttings (check method(s)): Drill Sample Description of Drill Cuttings (check one): Drill Sample Description (check one): Sample Description of Drill Cuttings (check one): Drill Sample Description (include grain size based on USCS, odors, staining, sample analdepth or temporary screen interval) Sample Description of Drill Cuttings (check one): Sam	Environmental Contractor:	Geologist's Name: NA	
Disposition of Drill Cuttings [check method(s)]: HAPPed Simple Source (state) 3.5 Disposition of Drill Cuttings [check method(s)]: Gascribe if other or multiple items are checked): Borchole Completion (check one): Well F Grout Sample Description (include grain size based on USCS, others, staining, staining): Sample Description (include grain size based on USCS, others, staining, staining): Sample Description (include grain size based on USCS, others, staining, staining): Sample Description (include grain size based on USCS, others, staining, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining): Sample Description (include grain size based on USCS, others, staining)			
Drilling Method(s): Appurent Borchole DTW (in feet After water recharges in well): Appurent Borchole DTW (in feet After water recharges in well): Appurent Borchole Content of Pril Cuttings (check method(s)): Appurent Borchole Completion of Drill Cuttings (check method(s)): Borchole Completion (check one): Well Grout Bentonite The Backfill Other (describe) Borchole Completion (check one): Sample Beauty Backfill Other (describe) Sample Beauty Backfill Other (describe)			Borehole Depth (feet):
Disposition of Drill Cuttings [check method(s)]: Cotton Cotto			OVA (list model and check type)
Disposition of Drill Cuttings [check method(s)]: Country Check Ch	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1
Completion (check one): Well Grout Bentonite The Backfill Other (describe)		NOW THE RESIDENCE OF THE PERSON OF THE PERSO	
Borchole Completion (check one): Well Grout Bentonite Packfill Other (describe) Sample Description (finelude grain size based on USCS, odors, staining, and other remarks) Sample Description (finelude grain size based on USCS, odors, staining, and other remarks) Sample Description (finelude grain size based on USCS, odors, staining, and other remarks) Sample Description (finelude grain size based on USCS, odors, staining, and other remarks) Sample Description (finelude grain size based on USCS, odors, staining, and other remarks) Sample Description (finelude grain size based on USCS, odors, staining, and other remarks) Sample Type Orange / brown Fl/s Orange / brown clarge same I D D D D D D D D D D D D D D D D D D		,,,	, stockpile ; Other
Sample Description Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Depth interval (include) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Depth interval (include) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Depth interval (include) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Depth interval (include) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Depth interval (include) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Depth interval (include) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Depth interval (include) Depth interval (include) Orange / brown clapsed on USCS (include) Depth interval (include) Depth int			II WAR
Sample Depth Interval (feet) Sample Depth (form)	Borehole Completion (check one):	Well J Grout J Bentonite J Backfi	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `
### \$\\ \text{\text{813}} - 1 \\ \text{\text{\text{Covery brown } F/s}} \\ \text{\text{\text{Orange/brown } sandy elay}} \\ \text{\text{\text{Orange/brown } sandy elay}} \\ \text{\text{\text{Orange/brown } elayoy sand}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\tex{\tex	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Z Z Lab Soil and
### \$\\ \text{\text{813}} - 1 \\ \text{\text{\text{Covery brown } F/s}} \\ \text{\text{\text{Orange/brown } sandy elay}} \\ \text{\text{\text{Orange/brown } sandy elay}} \\ \text{\text{\text{Orange/brown } elayoy sand}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\tex{\tex	Filte Infilte SP' SP' Sper s (i) (ii) Sam Inter	Sample Description	Θ Θ Groundwater Θ G Groundwater Θ G G G G G G G G G
### \$\\ \text{\text{813}} - 1 \\ \text{\text{\text{Covery brown } F/s}} \\ \text{\text{\text{Orange/brown } sandy elay}} \\ \text{\text{\text{Orange/brown } sandy elay}} \\ \text{\text{\text{Orange/brown } elayoy sand}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\tex{\tex	red erec I Bl ix ii iii iii iii iii iii iii iii iii i	(include grain size based on USCS, odd	ors, staining, Sample number
### \$\\ \text{\text{813}} - 1 \\ \text{\text{\text{Covery brown } F/s}} \\ \text{\text{\text{Orange/brown } sandy elay}} \\ \text{\text{\text{Orange/brown } sandy elay}} \\ \text{\text{\text{Orange/brown } elayoy sand}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\text{\text{\text{O}}} \\ \text{\tex{\tex	OV.	and other remarks)	and depth or
813 - 1 2.7 - 2 0.0 - 3 0.0 - 4 0.0 - 5 0.0 - 6 EOB - 7 - 8 - 9 - 10 - 11 12	A 'ZA 'ZA 'B' 'ZA 'B' 'B		interval)
813 - 1 2.7 - 2 0.0 - 3 0.0 - 4 0.0 - 5 0.0 - 6 EOB - 7 - 8 - 9 - 10 - 11 12	HA	G 1 h +10	n
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0.0 - 6 E08 - 7 - 8 - 9 - 10 - 11 12			
- 7 - 8 - 9 - 10 - 11			
	$ \Psi $	0.0 6 EOB1	
9 10 11 12		7	
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12			
Comple Type Codes: DH = Doct Hole: HA = Hand Auger, VC = Shift Shoop, VI = Shelly Libe, III = Liber Files, VI = Shift Shoop, VI = Shift Shift Shoop, VI = Shift Sh	Sample Type Codes: DU - Dest Vale: UA - Va		Push: SC = Sonic Core: DC = Drill Cuttings

Moisture Content Codes: $\mathbf{D} = Dry$; $\mathbf{M} = Moist$; $\mathbf{W} = Wet$; $\mathbf{S} = Saturated$

						Page	e 1 of_	
Boring/Well Number:	1	Project Name: SR	. 739 (Metro Parkway)	from I	Project Numb	oer:651	1-13-0	78E
SB- /6	/TMW-6		Parkway to Winkler A					
Site Name:		Borehole Start Da	ate: 1/27/2021	Borehole Start T	ime: //6	2 0	`	м Прм
Site 72 7 Elever	า	End Da	ite: 1/ 27 /2021	End Ti	me: ///	<u></u>	IX A	м ГРМ
Environmental Contractor:		Geologist's Name	e: NA	I	Environment			
Tierra	l _m		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		lD.		nmy A	
Drilling Company: PDS	Paveme	ent Thickness (incl NA	nes): Borehole Dian	neter (inches): 3.25	Bor	enoie L	epin (1	feet): 5
Drilling Method(s):	Apparent Boreho		Measured Well DTW		OVA (list mo	odel and	d check	type):
HA/ X	from soil moist		water recharges in	well):			Г	FID 🥂 PID
Disposition of Drill Cuttings [check method(s)		rum Spread	■ Backfill	Stock	cpile	Γ	Other
describe if other or multiple i	tems are checke	d):						
Borehole Completion (check o			ut Bentonite	Backfill	ΓΟ	Other (o	lescrib	e)
SPT Blows (per six inches) Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Filtered OVA Unfiltered OVA	Depth (feet) Net OVA	(include grain size ba	e Description sed on USCS, odor ther remarks)	s, staining,	USCS Symbol	sture Con	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
Sample Type Codes: PH = Post		0.0 — 1 7.4 — 2 12.6 — 3 0.5 — 4 0.2 — 5 — 6 — 7 — 8 — 9 — 10 — 11 — 11		fys ival times 1		onio Ca	D T T T T T T T T T T T T T T T T T T T	58-16, 9+3,

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

					The state of the s			ge 1 of	
Boring/Well Number:		Proje	Project Name: SR 739 (Metro Parkway) from Project Number:6511-13-078E						
SI	B- 17		Daniels	Parkway to Winkler A					
Site Name:		Bore	hole Start D	ate: 1/ Z7 /2021	Borehole Start	Time: 11 18			AM F PM
Site 72	7 Elwen		End Da	•	End 7	Time: /123			AM F PM
Environmental Contrac		Geol	ogist's Nam	e: NA		Environment			
Tie		Pavement Th	iolonaca Gra	hes): Borehole Diam	neter (inches)	In.		mmy A	
Drilling Company: PDS		ravement in	ickness (inc	nes). Borenote Diam	3.25	Por	CHOIC I	ochm ((leet):
Drilling Method(s):		Borehole DTV	W (in feet	Measured Well DTW		OVA (list mo	odel an	d chec	k type):
HA/ JX	from so	il moisture con	tent): 1, 5	water recharges in	well):			Г	FID K PID
Disposition of Drill Cu	ttings [check me	ethod(s)]:		Drum Spread	▼ Backfill	Stock	cpile	Г	Other
(describe if other or mı	ultiple items are	checked):							
Borehole Completion (check one):	∏ Well	☐ Gro	out Bentonite	☐ Backfi		other (descril	oe)
Sample Recovery (inches) Sample Depth Interval (feet) Sample Type	Unfiltered OVA SPT Blows (per six inches)	Net OVA Filtered OVA	Depth (feet)	(include grain size bas	Description sed on USCS, odd ther remarks)	ors, staining,	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
Sample Type Codes: PH	- Dout Walay W	0. 0. 0.	2 3 4 5 6 7 8 9 10 11 12	Gray A/5 Gray Aroun E00 ** ** ** ** ** ** ** ** *		Puch: $SC = S$	onic Co	DM S	C = Drill Cuttings

Moisture Content Codes: $\mathbf{D} = Dry$; $\mathbf{M} = Moist$; $\mathbf{W} = Wet$; $\mathbf{S} = Saturated$

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Boring	g/Well 1	Jumbe	r:			Project	Name: S	R 739 ((Metro Parkway)	from	Project Num	ıber:65	11-13-	078E
			SB- /8				Daniels	Parkv	vay to Winkler A					
Site N	ame:					Boreho	le Start D	ate:	1/ 37 /2021	Borehole Start				
Site	12		7 EL	even			End D	ate:	1/ 27 /2021	End '	Time: // 3	3	K	ам ГРМ
	onmenta					Geolog	ist's Nam	e: NA			Environmen	tal Scie	ntist's	Name:
			Гierra								<u></u>		mmy A	
Drillir	ng Comp	-	2		Paveme		kness (inc	hes):	Borehole Dian	` ,	Во	rehole l	Depth ((feet):
Deitt:	ng Meth	PDS	S .	Anneron	t Roraha	le DTW (VA 	N.A.	easured Well DTW	3.25	OVA (list m	odel or	d chao	k tyne)
Drilli	_	od(s):		^ ^		re conter	` ~	- 1	water recharges in	•	OVA (IISI II	iouei ai.		FID K PID
Diana			Cuttings	<u> </u>		,			Spread	▼ Backfill	I Stoc	knile		Other
•			Cuttings [_	y : 1	>1 (HIII	i spreau	j≢; Dackim	i : Bioc	wh me	1 :	Otho
·			multiple i						games		*11 ******			
Boreh	ole Con	npletio	n (check o	one):		Well	∏ Gro	out	Bentonite	Backf	ш Г	Other (descril	be)
		Š		7						\rightarrow			Z	Lab Soil and
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Z	Dep		Sample	Description		USCS Symbol	Moisture Content	Groundwater
ıple	ple]	ple Reco	SPT Blows er six inche	terec	red	Net OVA	Depth (feet)	(incl	ude grain size bas		ors, staining,	S Sy	ıre (Samples (list sample number
Тур	Dep (fee	ecov es)	lows	0	VO	VA	feet		and of	her remarks)		/m b	Cont	and depth or
ě	₽	ery	es)	VA	A							01	tent	temporary screen interval)
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Samu-1	Tyme	oden: *	DH == Door	Holes II	A = Uor	f Angor	12 SS = Spli	t Speen	; ST = Shelby Tu	he DD = Direct	Puch: SC = 9	lonic Co	re D	= Drill Cuttings
Sample	r rype C	oues: 1	t 11 – Post J	noic, H	· mano	ı Auger,	oo – obii	roboon	, si – shelby It	$\mathbf{D}_{\mathbf{r}}$ - $\mathbf{D}_{\mathbf{r}}$	1 usii, 5C ~ 3	ome Co	16, DC	Dim Cumings

Moisture Content Codes: $\mathbf{D} = \text{Dry}$; $\mathbf{M} = \text{Moist}$; $\mathbf{W} = \text{Wet}$; $\mathbf{S} = \text{Saturated}$

										1 11 20 11 10 11 11 11 11 11 11 11 11 11 11 11			ge I of	
Boring	g/Well N	lumber	•	,		Project	Name: SF	739 ((Metro Parkway)	from	Project Nu	mber:65	11-13-0	078E
		;	SB- 19	/TM	W-7				way to Winkler A					
Site N	ame:			/		Boreho	le Start Da	ite:	1/ 3 7 /2021	Borehole Sta		, , ,		АМ 💢 РМ
Silv	75	H	SB- 19	, Clea	ined		End Da	te:	1/ 2ラ /2021	En	d Time: 13	41		AM 🛭 PM
	onmenta	l Contr	actor:	, - <u>c</u> = /		Geolog	ist's Name	: NA			Environme			
			ierra								Chrit			
Drillir	ng Comp	-			Paveme		cness (incl	nes):	Borehole Dian		B	orehole l	Depth ((feet): 9
D#3113-	ng Metho	PDS) 	Anneres	t Borehol		IA in feet	Iv.	leasured Well DTW	3.25	OVA (list r	nodel ar	nd chec	k type):
ווווווע	-	ou(s).					it): 6. I		water recharges in	•	`	VA		FID FID
Dieno			Cuttings [c						Spread	▼ Backfill		ckpile		Other
•			nultiple it				, . –					-		
·					$\overline{}$	Well	☐ Gro	ııt	Bentonite	☐ Bac	kfill \Box	Other (descrit	ne)
Boren	ote Com	ipietior	ı (check o	one);	<i>Y</i> \	44 CII	į i GIO	ut	, Domonic	, Dao	1.	Omor (, account	
	_ rs	Sa	í í	U								_	Mo	Lab Soil and
Sam	Sam (nter	mpl (i	SP:	nfilt	Filte	Z	Depth (feet)		Sample	e Descriptio	n	JSCS	istu	Groundwater Samples (list
ple	ple I val	ple Reco (inches)	SPT Blows er six inche	ered	red	Net OVA	th (t	(inel	lude grain size ba	sed on USCS, o		Sy	re C	sample number
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	/A	eet)		and of	ther remarks)		USCS Symbol	Moisture Content	and depth or temporary screen
· •	<u>ь</u>	ery	s)	Α΄				1					μ̈́t	interval)
HA							1	В.	roun/gray	F/s w	/rocks		D	
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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

Borting/Well Number: SB- 20 Time							Page 1	of
Borehole Start Time: 344	Boring/Well Number:	•	Project Name: SR	739 (Metro Parkway)	from Pr	oject Numb	er:6511-1	3-078E
Borehole Start Time: 344	SB	20/TMW-8	Daniels I	•				
Confirmed Conf				te: 1/ 27 /2021	Borehole Start Tir	ne: /34	18 T	АМ 톴 РМ
Compared Contractor: Geologist's Name: NA Charles	5:4 75 Hi	- Tech Cleanon	End Date	e: 1/ 27 /2021	End Tin	ne: 141	0	AM 15 PM
Drilling Company: PDS Pavement Thickness (inches): Borchole Diameter (inches): 3.25	Environmental Contracto	or:	Geologist's Name:	NA				
Drilling Method(s): Apparent Borehole DTW (in feet from soil moisture content) Apparent Appa								
Drilling Method(s): ### Apparent Borehole DTW (in feet from soil moisture content): ### Measured Well DTW (in feet after water recharges in well): ### Measured Well DTW (in feet after water recharges in well): ### Well Disposition of Drill Cuttings [check method(s)]: ### Well Drum		Paveme		es): Borehole Diam	, ,	Bore	hole Dept	n (feet):
HADE from soil moisture content) GNE water recharges in well): NA FID FID PID		Apparent Boreho		Measured Well DTW		VA (list mod	del and ch	eck type):
Confine Conf		1		water recharges in	well):		NA	□ FID □ PID
Borchole Completion (check one): Well Grout Bentonite Backfill Other (describe) Sample Description Sample Description (quelude grain size back on USCS, odors, staining, and other remarks) Sample Description (quelude grain size back on USCS, odors, staining, and other remarks) Sample Depth (feet) Sample Description (quelude grain size back on USCS, odors, staining, and other remarks) Sample Depth (feet) Sample Description (quelude grain size back on USCS, odors, staining, and other remarks) Sample Depth (feet) Sample Description (quelude grain size back on USCS, odors, staining, and other remarks) Sample Type Control of the feet of the property of the	Disposition of Drill Cutt	ings [check method(s]]:	rum 🗍 Spread	▼ Backfill	Stock	pile [Other
Sample Description Grandwater Samples Description Grandwater Content Sample Description Grandwater Content Sample Description Grandwater Content Sample Description Grandwater Content Sample Depth Interval (feet) Sample Description Grandwater Content Sample Description Grandwater Content Sample Description Grandwater Samples Description Grandwater Grandwater Samples Description Grandwater Grandwater Samples Description Grandwater Gra	(describe if other or mul	tiple items are checke	d):					
Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Somple Depth Interval (feet) The sample Depth Interval (feet)	`		<u> </u>	t	Backfill	Го	ther (desc	ribe)
Sample Description (include grain size based on USCS, odors, staining, and other remarks) Sample Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based on USCS, odors, staining, and other remarks) Somple Description (include grain size based								
Grey brown sand w/ rocks D	Sa C	, g						i i
Grey brown sand w/ rocks D	mpli (ii (am) nter	offilte SP7	Dep:	Sample	Description		SCS	
Grey brown sand w/ rocks D	e Re iche iche L ole L val (red (t O			staining,	re C	sample number
Grey brown sand w/ rocks D	cove cove s) Septi (feet	SWC OV	eet)	and of	ner remarks)		nbo	1 -
- Return two times - 2 - 3 - 4 - 5 - Continue by ~ 8 ut. 1.4. is within 1 Row - 6 - 7 - 8 - 9 - 10 - 11 - 12	h						#	, , ,
2 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12	Ha			Grev / busines	sand w/r	ocke	D	•
2 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12	 			Referral	tue time		↓	
- 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11				100,100	1 06 Ches			
- 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12			- 2					
- 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12			3			,		
Confined by ~ 8 nt:1,4its within 11 - Row - 6 - 7 - 8 - 9 - 10 - 11 12								
- 6 - 7 - 8 - 9 - 10 - 11			4					
- 6 - 7 - 8 - 9 - 10 - 11								
- 6 - 7 - 8 - 9 - 10 - 11			5	Confined	bn ~ 8	1. 1.1.4.E	s	
				within 1	ROW			
			6	·			,	
			'					
			8	*				
			9					
					•			
			10					
			11					
			12					
	Sample Type Codes: PH =	= Post Hole: HA = Han		Spoon; ST = Shelby Tu	ibe; DP = Direct Pu	sh; $SC = So$	nic Core;	DC = Drill Cuttings

Moisture Content Codes: $\mathbf{D} = Dry$; $\mathbf{M} = Moist$; $\mathbf{W} = Wet$; $\mathbf{S} = Saturated$

													36 1 01	*
Boring	g/Well 1	Vumber	••	,		Project	Name: SI	R 739	(Metro Parkway)	from	Project Num	ber:65	11-13-(078E
			SB-21	170	9w-9		Daniels	s Parkv	way to Winkler A					
Site N						Boreho	le Start D	ate:		Borehole Start				АМ 🔀 РМ
Site	75	H	i-Tec	4 Cl	annes		End Da		1/ 27 /2021	End	Time: 13			AM 🗷 PM
	onmenta	l Conti	actor:			Geolog	ist's Nam	e: NA			Environmen			
D 1111			ierra		D.		(1 >	Danah -1- D'	noton (in alaan)	Chris (
Drillir	ng Comp	pany: PDS	3		Paveme		kness (inc VA	nes):	Borehole Dian	neter (inches): 3.25	Bo	rehole l	Deptn (icei):
Drillir	ng Meth		,	Appare	nt Boreho			M	 leasured Well DTW		OVA (list m	odel an	d chec	k type):
	_	√ ≥					nt): GN		water recharges in	•	,	VA		FID T PID
Dispo	sition of	f Drill (Cuttings [<u> </u>					Spread	Backfill	☐ Stoc	kpile	Г	Other
(descr	ibe if ot	her or	multiple i	items ar	e checke	d):								
Boreh	ole Con	npletio	ı (check o	one):	.	Well	☐ Gro	out	☐ Bentonite	Backt	ill 🗍 (Other (describ	ne)
		720											×	Lab Soil and
Saı	San Int	Sample Recovery (inches)	S]	Unfiltered OVA	File	2	De			D		USC	Moisture Content	Groundwater
Sample Type	Sample Depth Interval (feet)	ple Reco	SPT Blows (per six inches)	Iter	Filtered OVA	Net OVA	Depth (feet)	(ine	Sample lude grain size bas	e Description sed on USCS, od	ors, staining.	USCS Symbol	ure	Samples (list sample number
Ту	Del I (fe	les)	}low inch	0 px	101	XV	(feet			ther remarks)	,	ymł 	Con	and depth or
рe	et it	very	's	VΑ	/A		🖱					<u>ĕ</u>	tent	temporary screen interval)
LHA		 										, , , , , , , , , , , , , , , , , , ,	D	AMEDIA THE
							1	14	eg/brown	. sand w	/ rocks			
										,				
4							2	-	_k_	_			₩	
								i	Refusal	6 times	+			
							3	4	Refusal confined b	y utility	e)	!		
							7		/	•				
							4							
							_							
							5							
							6							
									•					
							7							
							8							
							9							
							10							
							11							
							11							
							12							
Sample	е Туре С	odes: 1	PH = Post	Hole; I	IA = Han	d Auger;	SS = Spli	t Spoo	n; $ST = Shelby Tu$	ube; DP = Direc	t Push; $SC = S$	Sonic Co	ore; DO	C = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated



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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

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

56578 Order No.:

1/22/2021 Date:

Sammy Awad

Contact: Phone #:

Company: Tierra Eng

Technician:

⋛

Packing List

iger Manual Charger			
Manual Charger	T114120	>	
Charger) 1 1 1 1 1 1 1 1 1 1	5 1 2 2 2 2 2 2 2 2 2
		>	
Probe Tip		>	
Alkaline Battery Pack		>	
External Filters		>	
Software			
Сотт. Cable			
Regulator		>	
Tedlar Bag		>	
Calibration Gas	2	>	
Tube Holder			
Zero Tubes		>	

Calibration Report

	llem	Information	
	Tiger T114120		
	Calibration Gas:	Isobutylene	
1	Lot Number:	304-401926852-1	-
	Span Setting:	100.00	mad
	Correction Factor.	1.00	
	Zero Reading:	00.0	шаа
	Span Reading:	100.00	mad
	Post-Cal Bump Test:	99.50 p	mdd
	Lamp	10.6	
			11 - 51 - 51
			ÇW.

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 tem 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, 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:

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

damaged, and/or malfunctioning item.

5R 739 Metro Parkway From Daniels Parkway to Winhur Hu 6511-13-078E FT1

DEP-SOP-001/01

FT 1600 Field Measurement of Turbidity

			•	
Form FD 900	0-8: FIELD INSTRUM	TENT CALIBRA		
INSTRUMENT (MAKER/MO	DDEL#) Tiger		INSTRUM	ent# <u> </u>
PARAMETER: [check only	one]	,		·
☐ TEMPERATURE	☐ CONDUÇTIVITY	☐ SALINITY	∏рH	☐ ORP
TURBIDITY	☐ RESIDUAL CI	□ DO	OTHER_	ova
STANDARDS: [Specify the ty values, and the date the standard	rpe(s) of standards used fo s were prepared or purcha	r calibration, the or sed]	igin of the stand	dards, the standard
Standard A _ 🖰 • O				
Standard B 100.0) Isobutylen	1 Lot # 3044	10192685	2-1 Exp. 10/12/24
Standard C				-

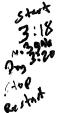
	naara C							
DATE (yy/mm/dd)	TME (hrmin)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
21 (01 /26	1080	A	0.0	0.0	σ	Yes	Cont	5 ₹
	1030	B	100.0	100.0	0	405	Cont	54
	1700	A	0.0	G. 6	0	405	Cost	SA
V	1700	3	100.0	100.0	O	405	Cast	.51
21/01/24	0756	A	0.0	0.0	ð	405	Conf.	51
	0756	区	1000	99.98	.02	405	Cost	<i>5</i> 1
	1155	Α	0.0	0.0	0	405	Cont	3/1
V	1155	B	100.0	99.99	.01	40>	Cont	50

				·				
						•		•
	·				į			

	1845			الماند بداند المنادات						-1-1-1-1-1-1-1-1-1-1-
		W	ELL CONSTR	UCTION						
Well Number: TMW- 1/56-1	Project N		39 (Metro Parkway) oject No: 6511-13-07	RF.	FDEP Facil	ity I.D. Numb	er:		stall Date 1/ 26 /20	
Well Location and Type (check	annronriat <i>i</i>			Perched Mon	litoring		Wel	l Install N		
T = 1	Right-of-			Shallow (Water	_	onitoring				• .
Off-Site Private Property	digitt-01-	- w ay		•	or Deep Monitoring			DR HA		A
Above Grade (AG)	Flush-to-	-Grade		or Other (describe) Surface			ace Casi	e Casing Install Method:		
If AG, list feet of riser above land s									NA	
Borehole Depth Well I			Diameter Manhole Di	ameter	Well Pad S	ize:				
(feet): 7.5 (feet):		(inches):	3.25 (inches):	NA		NA feet	by		feet	
Riser Diameter and Material:			Flush-Threaded		Riser Lengt	h: N A	feet			
4.0 in PVC N	Co:	nnections:	Other (describe)			from	fe	et to	fee	t
Screen Diameter and Material:			Screen Slot Size:		Screen Len	gth: 7.5	feet			
1.0 in, PV	С		0.010			from <u>O</u>	. fe	et to	7.5 fee	t
1 st Surface Casing Material:			1st Surface Casing I.	D. (inches):	1 st Surface	Casing Lengt	h:	NA 1	feet	
also check: Permanent	T	emporary	NA			from 0	fe	et to	fee	t
2 nd Surface Casing Material:			2 nd Surface Casing I.	D. (inches):	2 nd Surface	Casing Lengt	th:	NA :	feet	
also check: Permanent	Т	emporary	NA			from 0	. fe	et to	fee	t
3 rd Surface Casing Material:			3 rd Surface Casing I.	D. (inches):	3 rd Surface	Casing Lengt	h:	NA	feet	
also check: Permanent	Т	emporary	NA			from 0	fe	et to	fee	:t
Filter Pack Material and Size:	Prepack	ed Filter Aro	ound Screen (check or	ie):	Filter Pack	Length:			feet	
20/30 Silica Sand	TY	es	No			from O	fe	et to	7.5 fee	t
Filter Pack Seal Material and					Filter Pack	Seal Length:		MA	feet	D
Size:						from	fe	et to	1.5 fee	t
Surface Seal Material: NA					Surface Sea	al Length:		NA_	feet	
						from	_ fe	et to	fee	et
		W	VELL DEVELO	PMENT	DATA					
Well Development Date:			elopment Method (che	ck one):	Surge/	Pu 🔽	Pump		Compre	ssed Air
1/ 26/ 2021		Oth	er (describe)							
Development Pump Type (check Submersible		Centrifugal	Peristaltic	Depth to Gro	oundwater (t	efore develop	oing in	r feet):	<i>†</i> 9	
Pumping Rate (gallons per min	ute):	i i	ximum Drawdown of velopment (feet):	Groundwater 1	During	Well Purged Yes	Dry (e): No	
Pumping Condition (check one); To	tal Developr		Developmen	nt Duration	Developmen	t Wate	er Drumn	ned	
Continuous Intermit	´ 1	*	ons): 1,25	_	11	(check one):		Ye		No
Water Appearance (color and c	odor) At S	Start of Deve	lopment:	Water Appe	arance (colo	r and odor) A	t End	of Devel	opment:	
Brown None				Clear	- Now	L.				
		the care and a second			1,00,0					***
	A. A. B. M. A.	· Alexandria			1915 M. ALITA ALITA	TO ENVIATO	TZ C			
	WELL	CUNST	RUCTION OR	DEVELU	TIVELN T	KEWAK	$\mathbf{N}\mathfrak{I}$			

3 ite 10 - Sunshim		W	ELL (CONSTRU	*,*.*.*.					
Well Number:				o Parkway)		FDEP Faci	lity I.D. Numb	oer: V		
TMW-2/58-	6	Tierra Pr	oject No:	6511-13-078	Е					6 /2021
TMW- 2/58 — Well Location and Type (check			Well Pu					Well I	nstall Met	hod:
	Right-of-	Way		•	Shallow (Wate				DI	-
Off-Site Private Property		Chada				or Deep Monitoring or Other (describe)			e Casing I	nstall Method:
Above Grade (AG)			·] 1]	kemediation (or Other (de	scribe)		N/	
If AG, list feet of riser above land a Borehole Depth Well 1)iameter	Manhole Dia	meter	Well Pad S	lize:		147	1
.	.	(inches):		(inches):	NA	, TOIL I ad b	NA feet	bv	feet	t
(feet): 8 (feet) Riser Diameter and Material:				n-Threaded	I N/T	Riser Leng			1001	-
	i i	maatiana		r (describe)		_		-	to	feet
1.0-in, PVC			·	Slot Size:		Screen I on	from	feet		
Screen Diameter and Material:			Screen					-	to 🗗	feet
1.0 in, PV	, C		ct	0.010			from O			
1 st Surface Casing Material:			1 st Surfa	ace Casing I.I). (inches):		Casing Lengtl	_		
also check: Permanent	Те	mporary		NA			from 0			
2 nd Surface Casing Material:			2 nd Surf	face Casing I.I	O. (inches):	2 nd Surface	Casing Lengt	th: _	NA feet	
also check: Permanent	Te	mporary		NA			from 0	feet	to	_ feet
3 rd Surface Casing Material:		***************************************	3 rd Surf	ace Casing I.I	D. (inches):	3 rd Surface	Casing Lengt	:h: <u> </u>	VA feet	
also check: Permanent	Ter	mporary		NA		l .	from 0			
Filter Pack Material and Size:	Prepacked	d Filter Arc	und Scre	en (check one	=):		Length:			
20/30 Silica Sand	☐ Ye	es		40		1				_ feet
Filter Pack Seal Material and		\prec				Filter Pack	from Seal Length:		NA fee	t
Size:							from			
Surface Seal Material: NA						Surface Se	al Length:		NA fee	t
							from			
			<u> </u>			-				
		X. Z. W	ZET I	DEVELO	PMENT	DATA				
Well Development Date:				Method (chec	<u></u>	· · · · · · · · · · · · · · · · · · ·	/Pu [[]	Pump	Cor	npressed Air
1/ 26 /2021		ļ	er (descr	-	u,,,	i : pm go/	.u 141	ւասբ	j .: COL	mpi obbod i kii
Development Pump Type (che	ck):	Centrifugal		eristaltic	Depth to Gro	oundwater (1	pefore develor	oing in f	eet):	
Submersible Other (de	1 1	Centritugal	L p T !Ā	or incurring		`	•	_	٥,	61
Pumping Rate (gallons per min		Max	kimum D	rawdown of (ı Froundwater I	During	Well Purged	Dry (ch	eck one):	
.015	,			t (feet): 8.			Yes		∏ No)
Pumping Condition (check on	e): Tota	al Developi	nent Wat	ter	Developmen	nt Duration	Developmen	t Water	Drummed	
Continuous Intermi	· .	noved (gall		٦, ٧	(minutes):	13	(check one):		Yes	₩ No
Water Appearance (color and	odor) At St	art of Deve	lopment:		Water Appea	arance (colo	r and odor) A	t End of	Developm	nent:
Brown) Ovange						Cle	ir			
- TOWN / WANGE	-		<u></u>			.	••			

WEEL CONSTRUCTION OR DEVELOPMENT REMARKS



5:te 32 C	ircle K				********	वोक्तां के विकास कर के कि				
					UCTION			1		
Well Number:	Proje	ect Name: SR 7	39 (Metro	Parkway)		FDEP Faci	lity I.D. Numbe	er: Wel		Date(s):
		Tierra Pr				<u>.</u> .		Well Inst		5/2021
Well Location and Type On-Site		priate boxes): t-of-Way	Well Pu		Perched Mon Shallow (Wat	· ·	Manitaring	Well Hist	an ivicui	.00.
Off-Site Private P		1-01- W ay		-	Snanow (wai Intermediate				DP	
Above Grade (AG)		n-to-Grade			Remediation (-		Surface (Casing In	stall Method:
If AG, list feet of riser above			-				·		NA	.
Borehole Depth	Well Depth		Diameter	Manhole Di	ameter	Well Pad S	Size:	<u> </u>		
(feet):	(feet): §	(inches):	3.25	(inches):	NA		NA feet	by	feet	
Riser Diameter and Mat	terial:	Riser/Screen	▼ Flush	-Threaded		Riser Leng	th: O f	eet		
1.0 in, P V€	}1	Connections:	Other	r (describe)			from	feet to		feet
Screen Diameter and M	aterial:		Screen S	Slot Size:		Screen Ler	ngth: _8 _f	eet		
1.0	in, PVC			0.010			from	feet to	8	feet
1 st Surface Casing Mate	rial:		1 st Surfa	ce Casing I.I	D. (inches):	1 st Surface	Casing Length:	: <u>N</u>	4 feet	
also check: Perm	nanent [Temporary		NA			from 0	feet to		feet
2 nd Surface Casing Mate	erial:		2 nd Surfa	ace Casing I.	D. (inches):	2 nd Surface	Casing Length	: <u>N</u>	4 feet	
also check: Pern	nanent [Temporary		NA			from 0	feet to		feet
3 rd Surface Casing Mate	erial:		3 rd Surfa	nce Casing I.I	D. (inches):	3 rd Surface	Casing Length	: <u>N</u> A	feet	
also check: Pern		Temporary		NA			from 0	feet to		feet
Filter Pack Material and	l Size: Prep	acked Filter Ar	ound Scree	en (check on	e):	Filter Pack	Length:	&	feet	
20/30 Silica Sar	nd 『	Yes	N	lo O			from 6	feet to	8	feet
Filter Pack Seal Materia	al and					Filter Pack	Seal Length:	_ N/	4 feet	
Size:							from	feet to		feet
Surface Seal Material: 1	NA					Surface Se	al Length:	_N	4 feet	
							from	feet to		feet
		V/V	VELL I	DEVELO	PMENT	DATA				
Well Development Date	: :	Well Deve	elopment l	Method (che	ck one):	Surge	/Pu 🔽 P	ump	Com	pressed Air
1/ 26 /20	21	i	ner (descri							
Development Pump Typ		Centrifuga	1 V Pe	ristaltic	Depth to Gro	oundwater (before developi	ng in feet)	4.8	·
Submersible O	ther (describe									
Pumping Rate (gallons	per minute):	E .	ximum Dr velopment		Groundwater I	During	Well Purged D		one):	
Pumping Condition (ch	eck one): ntermittent	Total Develope Removed (gall	_		Developmen (minutes):	at Duration	Development '(check one):		ımmed Yes	V No
Water Appearance (cold	or and odor)	At Start of Deve	lopment:		Water Appea	arance (colo	r and odor) At I	End of De	velopme	ent:
Brown						Clea.				
										,
	······································			CONT. OTT.			vapagayawana	z.(α;········		
	······································	L CUNST	KUUT	IUN UK :	DEVELO		REMARK			

514 33

			WELL CONSTR						
Well Number:			R 739 (Metro Parkway)		FDEP Facil	ity I.D. Numbe	er: W		
TMW- 4 /	5B-12	Tierra	Project No: 6511-13-078 Well Purpose:	E					/2021
			Well Purpose:	Perched Moni	itoring		Well Ir	nstall Meth	od:
On-Site	Right	-of-Way	, · · ·	Shallow (Wate	-	-		DR	HA
Off-Site Private Pr	roperty				or Deep Monitoring Surface				stall Method:
Above Grade (AG)			. <u></u>	Remediation of	of Other (describe)			_	1
If AG, list feet of riser abov		• • •						NA	
1 *	Well Depth		le Diameter Manhole Di		Well Pad Si				
(feet): 6.5				NA		NA feet		feet	
Riser Diameter and Mat	erial:	Riser/Screen				h: NA f			
4.0 in; PVC)	Connection	Other (describe)			from	feet t	to	feet
Screen Diameter and Ma	aterial:		Screen Slot Size:			gth: 6.5 f			
1.0	in, PVC		0.010			from _O	feet t	to 6.5	feet
1 st Surface Casing Mate	rial:		1 st Surface Casing I.I	O. (inches):	1 st Surface	Casing Length:	:	NA feet	
also check: Perm	nanent [Temporar	y NA			from 0	feet t	to	feet
2 nd Surface Casing Mate	erial:		2 nd Surface Casing I.	D. (inches):	2 nd Surface	Casing Length	: _	NA feet	
also check: Perm	nanent [Temporar	y NA			from 0	feet t	to	feet
3 rd Surface Casing Mate	rial:		3 rd Surface Casing I.l	D. (inches):	3 rd Surface	Casing Length	: <u>N</u>	IA feet	
also check: Perm		Temporary	NA			from 0	feet 1	to	feet
Filter Pack Material and	l Size: Prep	acked Filter	Around Screen (check on	e):	Filter Pack	Length:	6	5 feet	
20/30 Silica San	id F	Yes	V No			from O	feet	to 6.5	feet
Filter Pack Seal Materia	ıl and				Filter Pack	Seal Length:		NA feet	
Size:						from	feet	to	feet
Surface Seal Material: N	NΑ				Surface Sea	from Il Length:		NA feet	
						from	feet	to	feet
			WELL DEVELO	PMENT	DATA				
Well Development Date	:	Well D	evelopment Method (chec	ck one):	Surge/I	Pu 🔽 P	ump	Com	pressed Air
1/ 27 /20	21		Other (describe)						
Development Pump Typ		Centrif	ugal 🔽 Peristaltic	Depth to Gro	oundwater (b	efore developi	ng in fe	et): 4,2	\
Submersible Of	ther (describe)						1,2	,
Pumping Rate (gallons)	per minute):	1	Maximum Drawdown of G		During	Well Purged I	Ory (che		
0	.05		Development (feet):	1.8		Yes		No.	
Pumping Condition (chows Continuous III	eck one): ntermittent	Total Devel Removed (g	opment Water gallons): 0,25	Developmen (minutes):		Development (check one):		Orummed Yes	▽ No
Water Appearance (colo	or and odor)	L		Water Appea		and odor) At 1	End of	Developme	nt:
			•	1	ear				
Brown	10 0	ne.			cyr		***	- 1911 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 -	

WEEL CONSTRUCTION OR DEVELOPMENT REMARKS

0845 0845

V	VELL CONSTRU	CTION	DATA				
Well Number: Project Name: SR	739 (Metro Parkway)		FDEP Faci	lity I.D. Numbe	er:	Well Install	' '
TMW-5/50-13 Tierra P.	roject No: 6511-13-078F	3					7 2021
Well Location and Type (check appropriate boxes):	Well Purpose: P	erched Moni	toring		Well 1	Install Meth	.od:
On-Site Right-of-Way	1	hallow (Wate				DF	
Off-Site Private Property	i '		or Deep Monitoring Surface C				
Above Grade (AG) Flush-to-Grade		emediation of	of Other (describe)				
If AG, list feet of riser above land surface: NA						NA	
1 ' '	Diameter Manhole Diameter		Well Pad S			2 .	
(feet): 5.5 (feet): 5.5 (inches):	3.25 (inches):	NA		NA feet		feet	
Riser Diameter and Material: Riser/Screen	Flush-Threaded			th: <u> </u>			:
1.0 in, PVC	Other (describe)			from		to	feet
Screen Diameter and Material:	Screen Slot Size:		Screen Len	gth: 5.5 f	feet		
1.0 in, PVC	0.010			from	feet	to 5.5	feet
1 st Surface Casing Material:	1 st Surface Casing I.D.	. (inches):	1st Surface	Casing Length	: _	NA feet	
also check: Permanent Temporary	NA			from 0	feet	to	feet
2 nd Surface Casing Material:	2 nd Surface Casing I.D	. (inches):	2 nd Surface	Casing Length	ı; _	NA feet	
also check: Permanent Temporary	NA			from 0	feet	t to	feet
3 rd Surface Casing Material:	3 rd Surface Casing I.D	. (inches):	3 rd Surface	Casing Length	: <u>l</u>	NA feet	•
also check: Permanent Temporary	NA			from 0	feet	t to	feet
Filter Pack Material and Size: Prepacked Filter Ar	ound Screen (check one)):		Length:			
20/30 Silica Sand	No No			from	feet	to 5.5	feet
Filter Pack Seal Material and			Filter Pack	Seal Length:	_	NA feet	
Size:				from	feet	t to	feet
Surface Seal Material: NA			Surface Se	al Length:	_	NA feet	
				from	feet	t to	feet
	WELL DEVELOI	PMENT 1	DATA				
Well Development Date: Well Dev	elopment Method (check	c one):	Surge/	Pu ∫√ P	ump	Com	pressed Air
1/ 27 /2021	her (describe)						
Development Pump Type (check): Centrifuga	al Peristaltic	Depth to Gro	undwater (l	efore developi	ng in f	feet):	/
Submersible Other (describe)	,					3 ,	6
	aximum Drawdown of Grevelopment (feet):	roundwater I	Ouring	Well Purged I	Ory (ch	neck one): X No	
Pumping Condition (check one): Total Develop	oment Water	Developmen	t Duration	Development	Water	Drummed	
Continuous Intermittent Removed (gal	lons):	(minutes):	7	(check one):		Yes	▼ No
Water Appearance (color and odor) At Start of Deve	elopment:	Water Appea	rance (colo	r and odor) At l	End of	Developme	ent:
Brown			Clear			S1	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

5turt 1036

	WELL CONSTRUCTION			
Well Number: Project Name: SR		FDEP Facility I.D. Number:	1 1	
TMW- 6/58-14 Tierra	Project No: 6511-13-078E		1/ 27 /2021	
Well Location and Type (check appropriate boxes):		TOTAL D	ell Install Method:	
On-Site Right-of-Way		er-Table) Monitoring	DR HA	
Off-Site Private Property Above Grade (AG) Flush-to-Grade	1	or Deep Monitoring	rface Casing Install Method:	
	Remediation of	or Other (describe)	NA	
If AG, list feet of riser above land surface:	D' - Maria I. D'	Well Pad Size:	NA	
ا من سام ا	e Diameter Manhole Diameter		foot	
		NA feet by		
Riser Diameter and Material: Riser/Screen Connections		Riser Length: feet		
4.0 in, PVC	(describe)		feet tofeet	
Screen Diameter and Material:	Screen Slot Size:	Screen Length: <u>41</u> feet		
1.0 in, PVC	0.010	from <u>O</u>	feet to 4.7 feet	
1 st Surface Casing Material:	1 st Surface Casing I.D. (inches):	1 st Surface Casing Length:	NA feet	
also check: Permanent Temporary	NA NA	from <u>0</u>	feet to feet	
2 nd Surface Casing Material:	2 nd Surface Casing I.D. (inches):	2 nd Surface Casing Length:	NA feet	
also check: Permanent Temporary	NA	from <u>0</u>	feet tofeet	
3 rd Surface Casing Material:	3 rd Surface Casing I.D. (inches):	3 rd Surface Casing Length:	NA feet	
also check: Permanent Temporary	NA	from <u>0</u>	feet tofeet	
Filter Pack Material and Size: Prepacked Filter A	Around Screen (check one):		4.1 feet	
20/30 Silica Sand	No No	from O	feet to 4.1 feet	
Filter Pack Seal Material and		Filter Pack Seal Length:	NA feet	
Size:			feet to feet	
Surface Seal Material: NA		Surface Seal Length:	NA feet	
		from	feet tofeet	
	WELL DEVELOPMENT	DATA		
·	evelopment Method (check one):	Surge/Pu Pum	p Compressed Air	
	Other (describe)			
Development Pump Type (check): Centrifu	gal Peristaltic Depth to Gro	oundwater (before developing	in feet): 3. 4	
Submersible Other (describe)			·	
	Maximum Drawdown of Groundwater In Development (feet): 4.7	Ouring Well Purged Dry Yes	(check one):	
, 000				
Pumping Condition (check one): Total Development Continuous Intermittent Removed (g	opment Water Developmen (minutes):	t Duration Development Wa (check one):	ter Drummed Yes No	
Water Appearance (color and odor) At Start of De	•	arance (color and odor) At End		
	1	,	. or porotophione.	
Broug	Cle	91		

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

Stop Restate Stop

Site 75. Hi Tech Cua	ACIS						
		WELL CONSTR	UCTION	DATA			
Well Number:	Project Name: S	SR 739 (Metro Parkway)		FDEP Faci	llity I.D. Numbe	er: Well	Install Date(s):
TMW- 7 /58-19		ra Project No: 6511-13-07	.4)		NA		1/27/2021
Well Location and Type (check		-	Perched Moni	0		Well Instal	1 Method:
	Right-of-Way	· · · · · · · · · · · · · · · · · · ·	Shallow (Wate			l H	land Auger
Off-Site Private Property	Flush-to-Grade		Intermediate				sing Install Method:
			Remediation of	or Other (de	escribe)	Durrace Ca	Ť
If AG, list feet of riser above land s		1 Di de Manhala D	• • • • • • • • • • • • • • • • • • • •	Tree II Dad C	v •		NA
Borehole Depth (feet): Well I	*	ole Diameter Manhole Di s): 3.25 (inches):	iameter NA	Well Pad S	NA feet	Lyr	fact
	Riser/Scree	<u> </u>		Dicor I and		by	_ feet
Riser Diameter and Material:	Connection			Riser Leng			C 4
1.0 in; PVC		(describe)			from	feet to	feet
Screen Diameter and Material:		Screen Slot Size:		Screen Len		feet	
1.0 in, PV	<u>C</u>	0.010			from <u>0</u>	feet to	9 feet
1st Surface Casing Material:		1 st Surface Casing I.I	D. (inches):	1 st Surface	Casing Length:	: <u>NA</u>	_ feet
also check: Permanent	Temporar	ry NA			from 0	feet to	feet
2 nd Surface Casing Material:		2 nd Surface Casing I.	D. (inches):	2 nd Surface	Casing Length	: <u>NA</u>	feet
also check: Permanent	Temporar	ry NA			from 0	feet to	feet
3 rd Surface Casing Material:		3 rd Surface Casing I.	D. (inches):	3 rd Surface	Casing Length	: NA	feet
also check: Permanent	Temporar				from 0	feet to	 feet
Filter Pack Material and Size:		· Around Screen (check on	le):	Filter Pack		9	feet
20/30 Silica Sand	Yes	₩ No	,.		from O		9 feet
Filter Pack Seal Material and	7	7			Seal Length:		feet
Size:				Fine i ack	from	feet to	feet feet
Surface Seal Material: NA				Surface Sea		NA	
Bullace Bear Material, 141					-		_ feet
		<u> </u>			from	feet to	feet
		<u> </u>					
		WELL DEVELO	PMENT I	DATA			
Well Development Date:	Well D	Development Method (chec	ck one):	Surge/	Pu 🔽 P	ump	Compressed Air
		Other (describe)					
Development Pump Type (chec	/ I Contin	fugal 🔽 Peristaltic	Depth to Gro	undwater (b	efore developii	ng in feet):	
Submersible Other (des				(g.30)		
Pumping Rate (gallons per mini	, i	Maximum Drawdown of C	Groundwater I	During	Well Purged D		
,13		Development (feet):	0.90		Yes	Į.	No
Pumping Condition (check one)		lopment Water	Development		Development V	Water Drum	med
Continuous Intermitt	tent Removed (gallons): 2	(minutes): ·	15	(check one):	Y	es 🔽 No
Water Appearance (color and oc	dor) At Start of D	evelopment:	Water Appea	rance (color	r and odor) At H	End of Deve	lopment:
Br. No	1			Clearly	-		
Dr. 100	<u>M</u>			Camil	Dorr		
******************************			· · · · · · · · · · · · · · · · · · ·				
V	VELL CONS	STRUCTION OR	DEVELO	PMENT	REMARK	S	

WELE	 R DEVELOPMENT R	EMARKS	***************************
Coords:			
NA 83			

Winkler	R 739 (Metro Avenue _{ect No:} 6511-		from Danie	ls Parkway	1	ite ocation: Le	ee County, F	Florida				
WELL NO		100,000		SAMPLE	ID: TMW-				DATE: 1/	27 /2021		
					PUR	GING DA	TA					
WELL			G (Internal)	WE	LL SCREEN	INTERVAL	STATIC I	DEPTH		RGE PUMP	TYPE	
DIAMETE	R (inches):	1 WELL VO	TER (inches):	0.25 DEF	PTH: O f	eet to (, > 1	eet TO WATE	ER (feet): 4.8 WELL CAPACI	TY OF	R BAILER: PP		
	it if applicable)	, MELE VO	_ /	7.5	feet –	4.86		,	ons/foot =	.10	gallons	
EQUIPME	NT VOLUME PU	JRGE: 1 EQL	JIPMENT VOL	. = PUMP VOL	Teet – _UME + (TU		TY X T	UBING LENGTH)) + FLOW C	ELL VOLUME	galloris	
(only fill ou	it if applicable)			= g:	allons + (galle	ons/foot X	feet)	+ 0.1	3 gallons =	gallon	s
INITIAL P	JMP OR TUBIN	G		IP OR TUBING		PURGIN		PURGING	12111.	TOTAL VO		
DEPTH IN	WELL (feet):	5.5	DEPTH IN	WELL (feet):	<u> </u>	INITIAT	ED AT: /326	ENDED AT:	1340	PURGED	(gallons):	5
	VOLUME	CUMUL. VOLUME	PURGE	DEPTH TO	pH	TEMP.	COND. (circle units)	OXYGEN	TURBIDI	TY COL	OR ODG	OR
TIME	PURGED (gallons)	PURGED	RATE (gpm)	WATER	(standard units)	(°C)	μmhos/cm	(circle units) mg/L -	(NTUs) (descr	ibe) (desci	ribe)
	,- ·-	(gallons)		(feet)	7 -	01.10	or µS/cm	% saturation	15.00	. 01.	13-	
340	.25	. 25	.017	5.18	7.22	24.49	686	.50/6.0	17.5		r No	<u> </u>
343	.051	.30	.0/7	5.18	7.20	24.48	682	49/5.9	14.2		1 10	11
346	.051	. 35	.017	5.18	7.16	24.43	680	17773.7	10.1			
					-							
					 							
									<u> </u>			
	ARMOR .											***************************************
WELL CA	I PACITY (Gallon	s Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.	06; 2" = 0.	6; 3" = 0.37;		5" = 1.02;	6" = 1.47;	12" = 5.88	
	NSIDE DÌA. CAI EQUIPMENT C			0006; 3/16 ³ BP = Bladder I			26; 5/16" = 0 Submersible Pu		eristaltic Pu	'2" = 0.010; mp: O =	5/8" = 0.016 Other (Specify)	
FUNGING	LGOIFWENT	ODLO. L	J – Dailei,	DI - DIAGGET		PLING D						·
	BY (PRINT) / A	FFILIATION:		SAMPLER(S)	SIGNATUR	RE(S):		SAMPLING	17.10	SAMPL		
	A./Tierra				Dunn	1 Auro	1	INITIATED A			AT: (350)	
PUMP OR	t TUBING I WELL (feet):	6		TUBING MATERIAL C	ODE: HDPE	E, S	FIELD Filtrat	D-FILTERED: Y ion Equipment Ty	/pe: Disposa	FILTER able, sealed, it	SIZE: µm n-line filter	ı
	CONTAMINATION		AP Y		TUBING		eplaced)	DUPLICATE:		N		
SAN	IPLE CONTAINE	R SPECIFICA	ATION		SAMPLE F	RESERVATION	DN	INTEND		SAMPLING	SAMPLE P	
SAMPLE	#	MATERIAL	VOLUME	PRESERVAT		TOTAL VOL	FINAL	ANALYSIS A METHO		EQUIPMENT CODE	FLOW RA	
ID CODE	CONTAINERS 3	CODE	40mL	USED HCL	ADD	ED IN FIELD Lab	(mL) pH Lab	BTEX/M	TBE	PP	378.50	
	2	AG	100mL	H2SO4		1	1	FL Pr	0	1	378.50	
1	1	AG	250mL	None		→		8270 PA	AH	4	378.50	
											370.3	
REMARK	S.											
I VEINIUM I	.											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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)

^{2.} STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

Winkler	R 739 (Metro Avenue _{ect No:} 6511-		from Danie	ls Parkway		TE DCATION: L	ee County,	Florida			
WELL NO	TMW- 2			SAMPLE	ID: TMW-	2		1	DATE: 1/ 2	7 /2021	
					PURC	SING DA	\TA				
WELL DIAMETE	R (inches):	DIAME	G (Internal) TER (inches):	0.25 DEF	LL SCREEN PTH: <i>O</i> fe	eet to	STATIC feet TO WAT	ER (feet): 5. 7	OR B	GE PUMP T' AILER: PP	YPE
	LUME PURGE: t if applicable)	1 WELL VO	LUME = (TOT = (AL WELL DEF 8		TIC DEPTH 5.76		WELL CAPACI		. 08	gallons
	NT VOLUME Port if applicable)	URGE: 1 EQU	JIPMENT VOL	. = PUMP VOL	_UME + (TUE allons + (BING CAPAC	ITY X T	UBING LENGTH)	+ FLOW CEL		gallons
INITIAL PU	JMP OR TUBIN			IP OR TUBING		PURGI	VG	PURONO		TOTAL VOI	LUME
DEPTH IN	WELL (feet):	6.5	DEPTH IN	WELL (feet):	. 7	INITIAT	ED AT:	ENDED AT:	1440	PURGED (g	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 (uS/cm	OXYGEN (circle units) mg/L	TURBIDITY (NTUs)	COLO (describ	
1430	, 25	.25	.014.	6.32	7.12	25.39	630	6.16/75.2	28.4	Clear	Non
1435	.07	. 32	.014	6.32	7.10	25.65	642	5.87/72.0	25.7	1	e ee vr
1440	.07	.39	.014	(0.32	7.10	25.29	640	4.85/59.0	18.1	1, ,,	, 1. ,,
1443	.04	. 43	.014	6.32	7.09	25.30	642	4.84/59.1	13.3	1. /	
1446	.04	. 47	.014	6.32	7.10	25.31	641	4.82/59.1	10.4	(- 1.	
**-											
WELL CA	PACITY (Gallon NSIDE DIA. CAI	 ns Per Foot): PACITY (Gal./	0.75" = 0.02; Ft.): 1/8" = 0	1" = 0.04; 0006; 3/16'	1.25" = 0.0 " = 0.0014;					3" = 1.47; = 0.010;	12" = 5.88 5/8" = 0.016
	EQUIPMENT C			BP = Bladder i	Pump; E	ESP = Electri	Submersible P	ump; PP = Pe	eristaltic Pump	; O = C	other (Specify)
SAMPLE	BY (PRINT) / A	VEEII IATION:		SAMPLER(S)		PLING D	ATA	OAAARI INO		CAMPLIN	10
	A./Tierra	ar illiatrioit.		Or IVII ELITIC	Same	A //		SAMPLING INITIATED AT	: 1447	SAMPLIN ENDED	AT: 1450 "
PUMP OR		7		TUBING	\sim \sim)	FIEL	D-FILTERED: Y tion Equipment Ty	(i)		SIZE: μm
	WELL (feet): CONTAMINATION		1P Y (N	MATERIAL C	TUBING		replaced	DUPLICATE:	y Y	s, sealed, iii	-interinter
	PLE CONTAINE					RESERVATI		INTENDE	ED SA	AMPLING	SAMPLE PUM
SAMPLE	#	MATERIAL	VOLUME	PRESERVAT		TOTAL VOL	FINAL	ANALYSIS AI	ND/OR EQ	UIPMENT	FLOW RATE (mL per minute
ID CODE TMW-1	CONTAINERS 3	CODE	40mL	USED HCL	ADDI	ED IN FIELD Lab	(mL) pH Lab	BTEX/MT		PP	` · · · /
110100-2	2	AG	100mL	H2SO4		Lab	Lab	FL Pro		1	378.50
ł	1	AG	250mL	None		1	1	8270 PA		4	378.50
V	•	,,,,									378.30
V					1				-		
V	,										
↓ REMARK	· · · · · · · · · · · · · · · · · · ·										
REMARK	3: L CODES:	AG = Amber		= Clear Glass;	DE CO	lyethylene;		ylene; S = Silico	one; T = Tef	lon: O =	Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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

^{2.} STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

WELL NO: TMW- 3 SAMPLE ID: TMW- 3 DATE: 1/27/2021	
WELL TUBING (Internal) WELL SCREEN INTERVAL STATIC DEPTH DIAMETER (inches): 0.25 DEPTH: 6 feet to 8 feet TO WATER (feet): 4.75 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 = ./3	gallons
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)	gallana
= gallons + (gallons/foot X feet) + 0.13 gallons = INITIAL PUMP OR TUBING PURGING PURGING TOTAL VOLUM	
DEPTH IN WELL (feet): 5 1/2 DEPTH IN WELL (feet): 6 INITIATED AT: 1515 ENDED AT: 1543 PURGED (gallo	ns): . 62
TIME VOLUME PURGED (gallons) CUMUL. VOLUME PURGE (gpm) Conduction (gpm) Co	ODOR (describe)
1537 .50 .50 .022 4.98 6.99 24.70 682 .34/4.1 15.7 Clear	Nan
1540 .066 .56 .022 4.98 6.99 24.73 681 .33/4.0 9.22 " "	11 17
1543 .066 .62 .022 4.98 6.99 24.72 682 .33/4.0 7.10 "	· · · ·
	" = 5.88
TODATO INCODE DIVISION (COMMUNICATION OF THE COMMUNICATION OF THE COMMUN	" = 0.016 (Specify)
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other SAMPLING DATA	(ореспу)
SAMPLED BY (PRINT) / AFFILIATION: Sammy A./Tierra SAMPLER(S) SIGNATURE(S): SAMPLING INITIATED AT: 1544 SAMPLING ENDED AT: 1	1547
PUMP OR TUBING DEPTH IN WELL (feet): TUBING MATERIAL CODE: HDPE, S FILTERED: Y N FILTER SIZE Filtration Equipment Type: Disposable, sealed, in-line	: μm filter
FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y N	
SAMPLE CONTAINER SPECIFICATION SAMPLE PRESERVATION INTENDED SAMPLING SAMPLI	AMPLE PUMP
	FLOW RATE nL per minute)
TMW-3 3 CG 40mL HCL Lab Lab BTEX/MTBE PP 3	78.50
	18.50
1 AG 250mL None V 8270 PAH V 35	18.50
REMARKS:	
Table 1 and	or (Chooif.)
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other SAMPLING EQUIPMENT CODES: PP = Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;	er (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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

^{2.} STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

Winkler	R 739 (Metro Avenue _{ect No:} 6511-		from Danie	ls Parkway		TE DCATION: LE	ee County, F	Florida			
WELL NO:	TMW- 4			SAMPLE	EID: TMW-	4			DATE: 1/ 2	28 /2021	
					PURG	ING DA	TA	·			
WELL DIAMETER	R (inches):	DIAME	G (Internal) FER (inches):	0.25 DEF	LL SCREEN PTH: Ø fe	et to 6.5 1	STATIC I	≣R (feet): 4./(OR B	GE PUMP T BAILER: PP	YPE
(only fill ou	t if applicable)		= (6.5	feet -	4.16	feet) X		ons/foot =		gallons
	NT VOLUME Po t if applicable)	JRGE: 1 EQU	IPMENT VOL		_UME + (TUB allons + (ITY X T	UBING LENGTH) feet)		.L VOLUME gallons =	gallons
	JMP OR TUBIN WELL (feet):	G 5		MP OR TUBING WELL (feet):	·····	PURGIN		PURGING ENDED AT:		TOTAL VC	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP.	COND. (circle units) µmhos/cm or (S/cm	DISSOLVED OXYGEN (circle units) mg/L % saturation	TURBIDITY (NTUs)		OR ODOR
0928	. 25	.25	.025	4.28	7.16	23.14	561	.64/7.4	17.7	Clea	- Nou
0932	.075	.32	.025	4.28	7.15	23.10	560	.68/6.8	9.14		11 81 11
0935	.075	. 39	.025	4.28	7.15	25.18	559	.53/6.2	5.58	1.	1
0958	.075	.46	.025	4.28	7.15	23.19	559	154/6.3	4.87	١.	
0941	.075	.53	. 025	4.28	7.14	25.19	558	.54/6.2	3.40	6.7	
WELL CA	PACITY (Gallon	/ s Per Foot): (0.75" = 0.02; -t.): 1/8" = 0.	1" = 0.04; 0006; 3/16'	1.25" = 0.00" = 0.0014;	6; 2" = 0.1 1/4" = 0.00				6" = 1.47; = 0.010;	12" = 5.88 5/8" = 0.016
PURGING	EQUIPMENT C	ODES: B	= Bailer;	BP = Bladder I			Submersible Pu	ımp; PP = Pe	eristaltic Pump	o; O = 0	Other (Specify)
	BY (PRINT) / A A./Tierra	FFILIATION:		SAMPLER(S)	SIGNATURE	A		SAMPLING INITIATED AT	r. 09/12	SAMPLI	
PUMP OR		5 1/2		TUBING MATERIAL C	ODE: HDPE.	ung Au	I FIELD	D-FILTERED: Y		FILTER	
	CONTAMINATION	ON: PUM	PYA		TUBING	Y N (r	eplaced	DUPLICATE:	Y	2	
SAM	PLE CONTAINE	ER SPECIFICA	TION VOLUME	PRESERVAT	IVE	RESERVATION	FINAL	INTENDE ANALYSIS A	ND/OR EQ	AMPLING UIPMENT	SAMPLE PUMP FLOW RATE
ID CODE	CONTAINERS 3	CODE	40mL	USED HCL	ADDE	D IN FIELD (Lab	(mL) pH Lab	METHO BTEX/MT		PP	(mL per minute)
TMW-4	2	AG	100mL	H2SO4		Lan	lab	FL Pro		1	378.50
	1	AG	250mL	None			1	8270 PA			378.50
Ψ		AG	ZSOIIL	None		Ψ		02/01/		•	\$78.50
REMARKS	S:										
MATERIA	L CODES:	AG = Amber	Glass; CG =	: Clear Glass;	PE = Poly	yethylene;	PP = Polypropy		····		Other (Specify)
SAMPLIN	G EQUIPMENT		PP = Peristaltic RFPP = Revers	Pump; Ese Flow Perista	B = Bailer; altic Pump;	BP = Bladd SM = Straw	er Pump; ES / Method (Tubing	SP = Electric Subr g Gravity Drain);	nersible Pump O = Other		

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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)

^{2.} STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

Winkler /	R 739 (Metro Avenue ect No: 6511-		from Danie	els Parkway		site location: Le	ee C	ounty,	FI	lorida						
WELL NO:	TMW- 5			SAMPLE	EID: TMW-	5				1	DATE:	1/28	3 /202	1		
					PUR	GING DA	TA	and the state of t								
	R (inches):	DIAME	G (Internal) TER (inches):	0.25 DEF	PTH: O	N INTERVAL feet to	feet	STATIC TO WA	TEF	R (feet): 3.7	0		E PUMF		=	
	UME PURGE: t if applicable)	1 WELL VO	•	AL WELL DEF	PTH - ST	TATIC DEPTH	ΓΟ WA	feet)		WELL CAPACI		= .	07		gallons	
	NT VOLUME PI t if applicable)	JRGE: 1 EQI		= PUMP VOI	LUME + (TU	JBING CAPACI		X		BING LENGTH)	+ FLOV	V CELL	. VOLUN	ΛE	~	
	JMP OR TUBIN WELL (feet):	G 4		= g MP OR TUBIN WELL (feet):	allons + (PURGIN INITIATI				PURGING ENDED AT:			gallons FOTAL \ PURGEI	VOLUN		
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	.pH (standard units)	TEMP	C (circ	COND. cle units) nhos/cm		DISSOLVED OXYGEN (circle units) mg/L	TURE	BIDITY 'Us)	СО	LOR scribe)	0	DOR scribe)
1022	. 25	. 25	. 020	4.17	7.03	21.37	105	57	1	.54/6.1	19.	9	Cle	0=	A S	one.
1028	.12	.37	. 020	4.12	7.01	24 21.49				47/5.3	16.		11	11	1.	n
1031	.06	.43	. 020	4.12	7.01	21.50				49/53	10.		11	47	1.	~
1034	.00	.49	. 020	4.12	7.01	21.50	63		_	.47/5.3	9.		11	• •	1.	7
WELL CAP	PACITY (Gallon ISIDE DIA. CAI	s Per Foot): PACITY (Gal./	0.75" = 0.02; Ft.): 1/8" = 0	1" = 0.04; 0006: 3/16	1.25" = 0. " = 0.0014:	.06; 2" = 0.1 1/4" = 0.002		3" = 0.37 5/16" =			5" = 1 .02 .006:		" = 1.47 = 0.010;		" = 5.88 3" = 0.0	
	EQUIPMENT C			BP = Bladder		ESP = Electric									r (Speci	
						PLING DA	ATA									
SAMPLED Sammy	BY (PRINT) / A A./Tierra	FFILIATION:		SAMPLER(S)		RE(S):	al			SAMPLING INITIATED AT	: 103	5	SAMP		103	9
PUMP OR DEPTH IN	TUBING WELL (feet):	5		TUBING MATERIAL C	(, •		FIEL Filtra	.D-l atio	FILTERED: Y n Equipment Typ	pe: Disp			R SIZE in-line	i: μ filter	m
FIELD DEC	CONTAMINATIO	ON: PUN	IP Y		TUBING	Y (f	eplace	ed)		DUPLICATE:	Y	<u>, </u>	\bigcirc			
SAMFLE	PLE CONTAINE	R SPECIFICA		PRESERVAT		PRESERVATIO	N	FINAL		INTENDE ANALYSIS AN	ND/OR	EQL	MPLING JIPMEN		AMPLE FLOW	
ID CODE	CONTAINERS	CODE	VOLUME	USED		DED IN FIELD (mL)	pН		METHO		(CODE	(1	nL per ı	ninute)
TMW-5	3	CG	40mL	HCL		Lab		Lab		BTEX/MT		ļ	PP		78.5	
	2	AG	100mL	H2SO4						FL Pro		ļ			78.50	
٧	1	AG	250mL	None		V		₩		8270 PA	\ Н		*	3	78.5	>
REMARKS	:															
MATERIAL SAMPLING	CODES:		PP = Peristalti	= Clear Glass; c Pump;	B = Bailer;	olyethylene; BP = Bladde	er Pun		SP	ene; S = Silico P = Electric Subn Gravity Drain);	nersible			= Oth	er (Spec	ify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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

^{2.} STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

Winkler	R 739 (Metro Avenue ect No: 6511-		from Danie	ls Parkway		TE DCATION: LE	e Cou	unty, Fl	lorida					
WELL NO:		13-0/00		CAMPLE	ID: TMW-	10				DATE: 1	1981	2021		
WELL NO:	TMW- 6	****		SAWIPLE			TΛ			DATE.	1/2 0/	2021		
WELL		TURING	G (Internal)	WEI	L SCREEN	SING DA	T	TATIC DE	=PTH	Р	URGE F	PUMP TY	PF	
DIAMETER	R (inches):	DIAME	ΓER (inches): 0	0.25 DEP	TH: 🏠 fe	et to 4.7 f	eet T	O WATER	R (feet):) c	R BAIL		· -	
	UME PURGE: t if applicable)	1 WELL VOL	•				O WAT	ER) X	WELL CAPACI			,		
, ,	• • • • •	.DOE 4 FOU	= (4.7	feet - 3	.70	f f	eet) X	. 04 gallo	ns/foot :	CELL V	04 DUME	gallons	
	NT VOLUME PU t if applicable)	JRGE: 1 EQU	IPWENT VOL.						,					
			T EMIAL BUR		Ilons + (ons/foot	X	feet)	+ 0.	13 gal			lons
	JMP OR TUBIN WELL (feet):	^G 4		IP OR TUBING NELL (feet):	4 1/2	PURGIN	ED AT: 🖊	1101	PURGING ENDED AT:	1124		TAL VOL RGED (g	olvie allons): 🔥	31
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP.	(circle µmhg	ND. units) os/cm S/cm	DISSOLVED OXYGEN (circle units) mg/L	TURBII (NTU		COLOF (describ		DOR escribe)
1120	.25	. 25	.013	4.20	7.18	21.09	104		.30/71.2	14.3	2	Clear	- 1)	one
	. 039	. 28	.013	4.20	7.18	21.06	164		0.32/71.3	14.		i vi	10	11
1123	.039	. 31	.013	4.20	7.18	21.06	164		0.30/71.2	13.0		1. 1.	,,	٠,
1120	.031	. 31	.013	7.2	7.10	21.00	100		1.30/ 91.2	75.0				
							1							
				1										
												1111		
WELL CAI	PACITY (Gallon	s Per Foot): ().75" = 0.02;	1" = 0.04;	1.25" = 0.0	6; 2" = 0.1 1/4" = 0.002	6; 3 "	' = 0.37; 6 /16" = 0.0		5" = 1.02;	6" = 1/2" = 0.		12" = 5.8 5/8" = 0.0	
·	EQUIPMENT C			BP = Bladder P		SP = Electric				eristaltic P			her (Spec	
						LING DA								
	BY (PRINT) / A	FFILIATION:		SAMPLER(S)					SAMPLING INITIATED AT	1/13		SAMPLIN		" ^
	A./Tierra				Dune	ng Awa	P_	T ====================================	I			NDED A		
PUMP OR DEPTH IN	TUBING WELL (feet):	4 12		TUBING MATERIAL CO		10			FILTERED: Y n Equipment Ty		۲ sable, se	ILTER SI ealed, in-l	ZE:ine filter	μ m
	CONTAMINATIO	ON: PUM	P Y N	3	TUBING	Y N (re	eplaced)	7	DUPLICATE:	Y	4	\mathcal{O}		
SAM	PLE CONTAINE	R SPECIFICA			SAMPLE PR	RESERVATIO	N		INTENDE		SAMP		SAMPLE	
SAMPLE	# CONTAINEDS	MATERIAL	VOLUME	PRESERVATI		TOTAL VOL	ml	FINAL	ANALYSIS AI METHO		EQUIP CO		FLOW (mL per	RATE minute)
ID CODE TMW-6	CONTAINERS 3	CODE	40mL	USED HCL	ADDE	ED IN FIELD (Lab	IIIL)	pH Lab	BTEX/MT		PI		378.5	
1	2	AG	100mL	H2SO4		1		1	FL Pro				378.5	
V	1	AG	250mL	None		1		1	8270 PA	Н	J		378.S	
								•					<u>370.3</u>	
								·						
11.700.000.000.000.000.000.000														
REMARKS	:	11_			I				.1			1		-
MATERIAI	L CODES:	AG = Amber	Glass; CG =	Clear Glass;	PE = Pol	yethylene;	PP = P	olypropyle	ene; S = Silico	one; T =	Teflon;	O = C	ther (Spe	cify)
SAMPLING	G EQUIPMENT		PP = Peristaltic		= Bailer;	BP = Bladde			P = Electric Subr Gravity Drain):			ecify)		

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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

^{2.} STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

Winkler A	R 739 (Metro Avenue let No: 6511-	- "	from Danie	ls Parkway		re / cation: Le	e County	, FI	lorida						
WELL NO:	TMW- 7			SAMPLE	ID: TMW-	7				DATE:	1/28	3 /2021			
					PURG	ING DA	TA								
WELL DIAMETER	(inches):	DIAMET	(Internal) ER (inches): (0.25 DEP	L SCREEN I TH: () fe	etto 💡 f	STATI eet TO W	ATEF	R (feet): 6.3	0		E PUMP T ILER: PP	YPE		
(only fill out	if applicable)		= (9	feet -	6.30	feet)	х	WELL CAPACI	ons/foot	=	10	ga	llons	
	IT VOLUME PU if applicable)	JRGE: 1 EQU	IPMENT VOL		UME + (TUB allons + (TY X ons/foot X	TUI	BING LENGTH)			VOLUME gallons =		gallo	ns
	MP OR TUBINO WELL (feet):	G 7 1/2		IP OR TUBING WELL (feet):	71/2	PURGIN		2	PURGING ENDED AT:	1229	3 F	OTAL VO PURGED (LUME gallons	s): • '	93
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 us/cm	ĺ	OISSOLVED OXYGEN (circle units) mg/L-g+ % saturation		BIDITY (Us)	COLC (descri			OOR cribe)
1215	.50	.50	. 033	6.80	7.00	25.75	1188	_:	3.62/35.1	58	.4	Clear	-	No	m
1218	. 09	.59	.033	6.80	7.02	25.75	1198	_	2.65/31.6	36	، نه	, ·	1	At	41
1223	.16	. 75	.033	6.80	7.00	75.80		- + -	1.09/13.3	18		ļ	"		• (
1226	,69	.84	.033	6.80	7.00	25.75			1.07/13.2	16.		<u> </u>	**	(1	11
1229	.09	. 93	.033	6.80	7.00	25.74	1189	_//	1.04/13.3	10.	4	n	1	n -	71
TUBING IN	PACITY (Gallon SIDE DIA. CAR	PACITY (Gal./F	⁻ t.): 1/8" = 0.			1/4" = 0.002	26; 5/16"	= 0.0	004; 3/8" = 0		1/2" =	'= 1.47; = 0.010;	5/8"	= 5.88 = 0.01	6
PURGING	EQUIPMENT C	ODES: B	= Bailer; I	3P = Bladder F		SP = Electric		Pum	np; PP = P	eristaltic	Pump;	0 = (Other (Specif	<u>y)</u>
SAMPLED Sammy	BY (PRINT) / A A./Tierra	FFILIATION:		SAMPLER(S)	SIGNATURI				SAMPLING INITIATED A	T: 12	Zo.	SAMPLII ENDED		23	~~~
PUMP OR DEPTH IN	TUBING WELL (feet):	7 1/2		TUBING MATERIAL C		4	FIE		FILTERED: Y n Equipment Ty	W)	FILTER S	SIZE:	μι	
	ONTAMINATIO	ON: PUM	P Y		TUBING	Y N (r	eplaced		DUPLICATE:	`	Y	<u> </u>			
SAMPLE	PLE CONTAINE #	MATERIAL	TION VOLUME	PRESERVAT	IVE -	RESERVATION TOTAL VOL	FINA		INTEND ANALYSIS A METHC	ND/OR	EQL	MPLING JIPMENT CODE	FL	OW F	PUMP RATE ninute)
ID CODE	CONTAINERS 3	CODE	40mL	USED HCL	ADDE	D IN FIELD (Lab	mL) pH Lat		BTEX/M		-	PP	77	8.50	<u>·</u>
1	2	AG	100mL	H2SO4		1	1		FL Pro	0		1		18. S	
V	1	AG	250mL	None		1	1		8270 P/	ΑН		1		185	
REMARKS	:														
MATERIAL SAMPLING	CODES:		PP = Peristaltic	Clear Glass; Pump; B	= Bailer;	yethylene; BP = Bladde		ESF	ene; S = Silice P = Electric Sub Gravity Drain);	mersible			Other	(Speci	ify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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)

^{2.} STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)



(888) 550-8100

www.usenvironmental.com

Company: Tierra Eng

Sammy Awad

#N/A

Phone #:

Contact:

ian: AV

1/22/2021

Dafe:

56578

Order No.:

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

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

Technician:

Packing List

Item		Serial Number	Tech QC	ac
955		0	1	4
Handheld Display	1y	07H100371	1	
ltem	Tech	QC Item	Tech	OC
Cable 4	>	AC Adaptor		
Flow Cell	>	Stand		
Barb Kit	>	D.O Kit	۶	
Storage / Cal Cup	>	Calibration Kit	>	
Sensor Guard	>			
Manual			HO - COUNTY OF	
Sonde Cap	>			
Software				
Extra Batteries	>			1
Display Comm. Cable				1
Sonde Comm. Cable				

Calibration Report

556			0	
Parameter	Accuracy	Before	After	# to7
Conductivy 1413 µs/cm	(+/5%)	1329	1413	190618D
pH 7 Buffer	(+/2)	6.98	7.00	190618B
pH mV for 7 Buffer	(0 +/- 20)		1.2	NAME PARTY AND A STATE OF THE PARTY AND A STAT
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	(+/- 2%)			ppertoleton
Turbidity 126 NTU	(+/- 2%)			often the European proper
Lab Conditions during calibration	bration			

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.

DEP-SOP-001/01 FT 1600 Field Measurement of Turbidity

		Forn	n FD 9000	-8: FIELI	D INSTRUMEN	T CALI	BRATION RE	ECORDS	
	INSTRU	MENT (M	AKER/MOI	DEL#) <u>//4</u>	1ch-2100 Q		INSTR	UMENT# <u>だ</u>	10000000000000000000000000000000000000
	PARAMI	ETER: [ci	heck only d	one]				•	
] TEMPERA	ATURE	☐ COND	UÇTIVITY [] SALINIT	TY □ pH	□ OF	RP.
	Þ	₫ŢURBIDIT	Y .	☐ RESID	UAL CI [] DO	☐ OTHE	ER	
	STANDA values, and	RDS: [Sp	pecify the typ ne standards	e(s) of stan were prepa	ndards used for cal ared or purchased]	ibration, th	ne origin of the s	standards, the s	tandard
•	S	tandard A	10 NTU	+ to 1 (\$ 40288 Ex	a. Jan	2022		
					A0295 Ex			•	
					4 A0276 Ex				
	DATE	TIME	STD	STD	INSTRUMENT RESPONSE		CALIBRATED	TYPE	SAMPLER
	(yy/mm/do	d) (hr:min) 4 1310	(A, B, C)	VALUE 10	9.97	% DEV	(YES, NO)	(INIT, CONT)	INITIALS
	AIJU IZ	1310	B	20	70.0	. 3		COAT	54
		1310	C	100	103	3	465		5A
			1	10	10.1	3	165		54
		1604		 		700			5A
		1604	R C	100	19.95	.25	Ves		54
	10/0/10	1604	 	 	100	O	465		5A
•	21/01/	8 0903	A	16-	9.98	. 2	115		≤ A
		0903	B	20	Z0.0	0	405		<i>≲</i> 4
		0903		100	102	2	465		.54
		1245	A	10	10	0	465		SA
		1245	B	20	20.1	. 1	465		54
	7	1245	C.	100	101	_1_	Yes	V	54
								•	
									-
	-				,				

Page

Form FD9000-8 CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000) 11-10-05

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

Project/Site: 52.739 Nets Particles	the Pari	No.	(BS	38to-8-1150)	e.		Date: 1/7/2			Werter # 077	1-55 POHTED
Temperature (Quarterly)	Fc	For Date of L		perature Ve	ast Temperature Verification see	96	yood bol ui	book		- I lorour	
Dissolved Oxygen FT 1	DEP SOP FT 1500	Initials	Date	Time	Probe Charge	Probe Gain	mg/L	Temp °c	ОД %	Saturation mg/L	Pass or Fail
56	ASAA	E 8	1/23/21	1315	α 2	en.	7.647	28.1	100.3		Howe 0.44.
CAL ICV COV ACY	!!!		128121	0908 0907/7/18			1. 7 1	29.5	100.	7.898	;_
	1 1										шш
10 01	1	Initials	Date	Time	Standard µmhos/em	Exp. Date		Bottle #	Constant	Reading	SS
CAL COV	M,	8	12/21	1315	Elhi	12.92	C411054	KA	T LAY	ceptance Criter	章 李 章 一
	11	38	عاظة	0906	14(3		7 7	1		1415 1415	6 0
<u>}</u> ≥ ≥ ≥	1		1282	2 <i>/</i> 7/2	Teal S	: :	-	13	Þ	81/11	டு ர
CAL ICV CCV									3		. C. C
pH DEP SOP FT 1100	l i	Initials	Date	Time	Standard SU	Exp, Date	#toT	Bottle #	Slope	Reading	Pass or
00	R		121 = 2/1	13,5	3.00	54.22	06I 112	M	Accept	を記	78 20 74 78 0'5 8/1
CAL COV	Sel.	. 8	1	4	800	26.33	2000			10:01	9
25	X			loio	4.00	Sep 22	top III	- -		4.03	Ø4 □ п
2000 Self Self Self Self Self Self Self Self		Z 77	<u> </u>	4	10.00		3	 		9.50	<u>ا</u> ــــ
E		1	126/21	8080	8 6	= =	-	 - :	1	4.01	⊕ 6
CAL COV	8			 - -	10.00	2		-		9.94	9 4
CAL CO	8				8.7	,	ור			4.07	: ₁₁
Waintenance: Weekly pH Slope:		NA NA		Specific (Conductance	Probe C	leaned? Yes (No)	Dissolved	Oxygen Men	Dissolved Oxygen Membrane Changed:	Yes (NO)
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Perform only in Calibrate Mode: Perform only in Run Mode: Perform only in Run Mode:

GAL - Calibrate -ICV - Initial Calibration Verification GCV - 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)

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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.





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.

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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.





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

**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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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.

SPECIAL CONDITIONS REQUIRED (as summarized)

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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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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.

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STATE OF FLORIDA WELL COMPLETION REPORT □Southwest □Northwest □St. Johns River □South Florida □Suwannee River □DEP

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

Date Stamp

Delegated Authority (If Applicable)	Official Use Only
*Permit Number_M. CUPWUP Number *DID Number 62-524 Delin	neation No.
*Number of permitted wells constructed, repaired, or abandoned *Number of permitted wells not constructed, repaired.	ed, or abandoned O
*Owner's Name FDoT 4.*Completion Date 1-27-22 5. Florida Unique	ua ID
Row Metro Pky C Closest Address: 6100 Daviels Pky, Fort Myers . FL	ue ID
*Well Location - Address, Road Name or Number, City, ZIP	
*County LEE *Section 19 Land Grant *Township 4	5 'Range_ 25
Latitude Longitude	
Data Obtained From:GPSX MapSurvey Datum:NAD 27NAD 83	WGS 84
Bottled Water Supply (Limited Use/DOH) Earlies Cape Image Interest	ovestigation oring Coupled Geothermal Supply
	Return
Remediation:RecoveryAir SpargeOther (Describe)	
Other (Describe)	
2.*Drill Method:AugerCable ToolRotaryCombination (Two or More Methods)JettedHorizontal DrillingHydraulic Point (Direct Push)Other	SonicSonic
3.*Measured Static Water Level 4 ft. Measured Pumping Water Level ft. After Hours at 4.*Measuring Point (Describe) Which is ft. Above Below Land Surface *F 5.*Casing Material: Black Steel Galvanized N PVC Stainless Steel Not Cased Other 6.*Total Well Depth 7 ft. Cased Depth ft. *Open Hole: From To ft. *Screen: From To	lowing:YesNo
17.*Abandonment: Other (Explain)	II. Slot Size 1016
	Other Other Other Other Other Other
	toniteOther
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Ben Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Ben Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Ben Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Ben	toniteOther_ tonite_Other_ tonite_Other_ tonite_Other_ tonite_Other_
Diain. Fromft. Toft. No. of Bags Seal Material (Check One): Neat Cement Ber	ntoniteOther ntoniteOther ntoniteOther
Diain. Fromft. Toft. No. of Bags Seal Material (Check One):Neat CementBer	ntoniteOther ntoniteOther ntoniteOther
22. Pump Type (If Known):CentrifugalJetSubmersibleTurbine 23. Chemical Analysis (When Required): Ironppm	
24. Water Well Contractor:	
*Contractor Name Grey of Cambell *License Number 2613 E-mail Address grey a f *Contractor's Signature Ling Limbell *Driller's Name (Frint or Type) Danny (I certify that the information provided in this report is accurate and true.)	Richards

*Permit No. NR12021-60121

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT 4049 REID STREET, PALATKA, FL 32178-1429 PHONE: (386) 329-4500 WWW.SJRWMD.COM

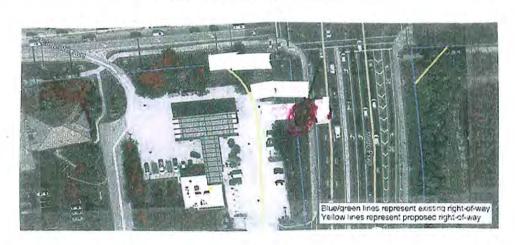
NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712 (U.S. Highway 90, 10 miles west of Tallahassee)

PHONE: (850) 539-5999 WWW.NWFWMD.STATE.FL.US SOUTH FLORIDA WATER MANAGEMENT DISTRICT P.O. BOX 24680 3301 GUN CLUB ROAD WEST PALM BEACH, FL 33416-4680 PHONE: (561) 686-8800 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT 9225 CR 49 LIVE OAK, FL 32060 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only) WWW.MYSUWANNEERIVER.COM

From C	ft.	To 5	ft.	Color Brown	Grain Size (F, M, C)	Material Sand Crushed had Shell
From 5	ft.	To 7	ft.	Color white	Grain Size (F, M, C) F	Material Coushed Linestone
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material_
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C) -	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From '	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material

Detailed Site Map of Well Location





STATE OF FLORIDA WELL COMPLETION REPORT

Date	Stamp



□ Southwest
□ Northwest
□ St. Johns River
□ South Florida
□ Suwannee River

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

DEP Delegated Authority (If Applicable) LEE	Official Use Only
.*Permit Number_WRUA1-00125-CUP/WUP Number*DID Number	62-524 Delineation No.
*Number of permitted wells constructed, repaired, or abandoned *Number of permitted wells not construct	
3.*Owner's Name LEE County ROW 4.*Completion Date 1-27-2021 5. F	
. Owner's Name <u>LCC</u> Confidence of Allo 4. Completion Date 127 8875.	Florida Unique ID
Well Location - Address, Road Name or Number, City, ZIP	Myers FL
7.*County LEE Section 19 Land Grant *To	Township 45 'Range 25
3. Latitude Longitude	
	NAD 83WGS 84
0.*Type of Work: _K_Construction _ Repair _ Modification _ Abandonment 1.*Specify Intended Use(s) of Well(s):DomesticLandscape Irrigation _ LivestockLivestock _ Nursery Irrigation _ Livestock _ Nursery IrrigationCommercial/Industrial _ Commercial/Industrial _ Golf Course IrrigationCommercial/Industrial _ Golf Course IrrigationClass I InjectionRechargeCommercial/Industrial Disposal _ Aquifer Storage and RecoveryDr Remediation:RecoveryAir SpargeOther (Describe)	Site Investigation V Monitoring Test Earth-Coupled Geothermal HVAC Supply HVAC Return
Other (Describe)	
12.*Drill Method: Auger Cable Tool Rotary Combination (Two or More Methods)	Jetted Sonic
Horizontal Drilling	Surface *Flowing:Yes
17.*Abandonment: Other (Explain)	
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Be From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Be From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Be Seal Material (Check One): Nea	Bentonite Other Bentonite Other Bentonite Other Bentonite Other Bentonite Other
Diain. Fromft. Toft. No. of Bags Seal Material (Check One): Neat Ceme Diain. Fromft. Toft. No. of Bags Seal Material (Check One): Neat Ceme	
19. Primary Casing Diameter and Depth: Dia in. From 6 ft. To 5 ft. No. of Bags 64 Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cemeral Check One):	nent Bentonite Other nent Bentonite Other nent Bentonite Other nent Bentonite Other
Diain. Fromft. Toft. No. of Bags Seal Material (Check One): Neat Cem Diain. Fromft. Toft. No. of Bags Seal Material (Check One): Neat Cem Diain. Fromft. Toft. No. of Bags Seal Material (Check One): Neat Cem	ment Bentonite Other
21,*Telescope Casing Diameter and Depth: Diain. Fromft. Toft. No. of BagsSeal Material (Check One): Neat Cem Diain. Fromft. Toft. No. of BagsSeal Material (Check One): Neat Cem Diain. Fromft. Toft. No. of BagsSeal Material (Check One): Neat Cem	mentBentoniteOther
	ppm Chlorideppn
24. Water Well Contractor: *Contractor Name Gregory Campbell *License Number 2613 E-mail Address 9	rea a fds-Aorida. Co
*Contractor Name Gred of Compby 1 *License Number 2613 E-mail Address 9 *Contractor's Signature 1 Compby 1 *Driller's Name (Frint or Type)	Darmy Richards

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT 4049 REID STREET, PALATKA, FL 32178-1429

PHONE: (386) 329-4500 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712 (U.S. Highway 90, 10 miles west of Tallahassee)

PHONE: (850) 539-5999 WWW.NWFWMD.STATE.FL.US SOUTH FLORIDA WATER MANAGEMENT DISTRICT P.O. BOX 24680 3301 GUN CLUB ROAD WEST PALM BEACH, FL 33416-4680 PHONE: (561) 686-8800 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT 9225 CR 49 LIVE OAK, FL 32060 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only) WWW.MYSUWANNEERIVER.COM

From	0	ft.	To	5	ft.	Color Brow			Sand, Clushal Rock, She
From	5	ft.	To	8	ft.	Color_ L/L	Grain Size (F, M, C)	Material_	arusted Linestone
From		ft.	To	7	ft.	Color	Grain Size (F, M, C)	Material_	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material_	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material_	1
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material_	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material_	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material_	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material_	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To		_ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To_		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material	
From '		ft.	To_		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To_		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To_		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To_		ft.	Color	Grain Size (F, M, C)	Material	
From		_ft.	To_		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To_		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To_		ft.	Color	Grain Size (F, M, C)	Material	
From		ft.	To_		ft.	Color	Grain Size (F, M, C)	Material	

*Detailed Site Map of Well Location





STATE OF FLORIDA WELL COMPLETION REPORT

Date Stamp

□Southwest
□Northwest
□St. Johns River
□South Florida
□Suwannee River

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

COOWETRUS	□DEP Delegate	ed Authority	(If Appl	icable)	EE			4	Of	ficial Use Only
1.*Permit Number MA	21-0012	7-cup/wui	P Numb	er	*E	ID Number		62-524	Delineation I	No.
2.*Number of permitted v										
3.*Owner's Name LE										
Par Moto	01, 1	11 +	11,	n 1:	1. COMP	L. Ok	En	↓ M	Onique ID_	
6. Row Metro	ss, Road Nan	ne or Numbe	700 er, City, 2	Tess · le	1031 [1]	etro Phu	, roi	1 1114	o Th	
7.*County LEE		*Sec	ction	19 Land	Grant			*Townshi	45	Range 25
8. Latitude										
9. Data Obtained From:			_				NAD 27 _	NAD	83	NGS 84
10.*Type of Work:	e(s) of Well(s) ply ly (Limited Us ly (Communit Recharge	se/DOH) ly or Non-Cor	_Lands _Recre mmunity	scape Irrigatio eation Area Irr y/DEP) strial Disposa	on rigation	Agricultura Livestock Nursery In Commerc Golf Coun	rigation ial/Industria se Irrigation		IVAC Supply IVAC Return	Geothermal
Other (Describe)										
12, Drill Method:	Auger	Cable Too	ol _	_Rotary	Combina	tion (Two or Mo	re Methods)	Jetted	Sonic
	Horizon	ntal Drilling	<u></u>	Hydraulic Poi	nt (Direct Pusi	Othe				20.077
13. Measured Static Wa 14. Measuring Point (De	ter Level	1 It.	Measur	ed Pumping I	/vater Level	ft. / Above	After	Hours	at	_GPM
15.*Casing Material:	Black Ste	el Ga	alvanize	d X PV	Stain	Above	Not Case	no Sunace	ther	Yes
16.*Total Well Depth										Slot Size . 01
17.*Abandonment:	1 645	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-						10.10
	ft. No		7	Seal Material Seal Material Seal Material	(Check One): (Check One): (Check One): (Check One): (Check One):	Neat Ce Neat Ce Neat Ce	ment ment ment	Bentonite Bentonite Bentonite Bentonite Bentonite	Othe Othe Othe Othe	
18.*Surface Casing Dia							W. 610			
Diain. From Diain. From	nft. T nft. T	Toft.	No. of	Bags	Seal Materia	l (Check One):_ l (Check One):_	Neat C	ement	Bentonite_ Bentonite_	Other
19. Primary Casing Dia Dia Dia in. Fron Dia Dia Dia Zo.*Liner Casing Diame	nft.	Toft. Toft. Toft. Toft.	No. of No. of No. of No. of No. of	Bags Bags Bags	Seal Materia Seal Materia Seal Materia	al (Check One); al (Check One); al (Check One); al (Check One); al (Check One);	Neat C	ement ement ement	Bentonite Bentonite Bentonite Bentonite Bentonite	Other Other Other Other Other
Diain. From Diain. From Diain. From	mft. mft.	Toft. Toft.	No. of No. of No. of	Bags	Seal Materia	al (Check One): al (Check One): al (Check One):	Neat C		_Bentonite_ _Bentonite_	_Other Other Other
			140. 01	Days	Sear Materi	ar (Check One).	Near C	ement	_Bentonite_	Other
21.*Telescope Casing Diain. From Diain. From Diain. From Diain. From	mft. mft.	Toft. Toft.		Bags	Seal Materi	al (Check One); al (Check One); al (Check One);	Neat 0	Cement Cement Cement	Bentonite Bentonite Bentonite	OtherOther
22. Pump Type (If Kno	wn):		V	P.TANIN.		emical Analysis	(When Red	quired):		
Horsepower	Pump	Submers Capacity (GP epth	PM)	Turbine	Iron_	ppm Laboratory To		pr		leppm
I umb pehu		restation .	41.0			Laboratory I	201	rield	lest Kit	
24. Water Well Contra		. ори !	-10		_					
24. Water Well Contra *Contractor Name <u>C</u>	ictor:		30	License Numb	per_261	3 E-mai	l Address _	grea	a fdsf	Porida. Co.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD,STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT 4049 REID STREET, PALATKA, FL 32178-1429 PHONE: (386) 329-4500

WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712 (U.S. Highway 90, 10 miles west of Tallahassee) PHONE: (850) 539-5999 WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT P.O. BOX 24680 3301 GUN CLUB ROAD WEST PALM BEACH, FL 33416-4680 PHONE: (561) 686-8800 WWW.SFWMD.GOV

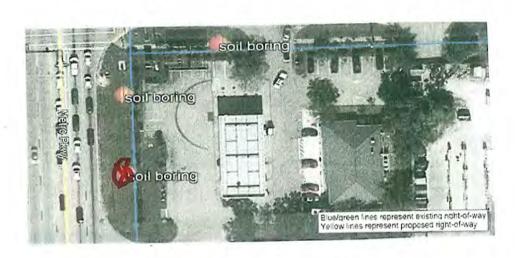
SUWANNEE RIVER WATER MANAGEMENT DISTRICT 9225 CR 49

LIVE OAK, FL 32060

PHONE: (386) 362-1001 or (800) 226-1066 (Florida only) WWW.MYSUWANNEERIVER.COM

M=Medium, From (7 ft.	To 5	ft.	Color Brown	Grain Size (F, M, C)	Material San , Clishof Lock Shell
From 5	ft.	To 7	ft.	Color White	Grain Size (F, M, C)	Material Crished Linestone
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material_
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From '	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	То	ft.	Color	Grain Size (F, M, C)	Material

Detailed Site Map of Well Location



STATE OF FLORIDA WELL COMPLETION REPORT □ Southwest □ Northwest □ St. Johns River □ South Florida □ Suwannee River

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

Date Stamp

DEP Delegated Authority (If Applicable)	Official Use Only
.*Permit Number NR 301-00 24 -CUP/WUP Number	*DID Number 62-524 Delineation No.
	*Number of permitted wells not constructed, repaired, or abandoned
County Row	4. Completion Date 1-22-2021 5. Florida Unique ID
One of to the Colorest Day	4. Completion Date 10.2004 S. Florida Unique ID
Well Location - Address, Road Name or Number, City, ZIP	50 Colonial Dlud, FORT 1 Yes. Th
	Grant *Township_ 45
3. Latitude Longitude	
D. Data Obtained From:GPSX_MapSurvey	
10.*Type of Work:ConstructionRepairModification	Agricultural Irrigation Livestock Nursery Irrigation Commercial/Industrial Golf Course Irrigation Aquifer Storage and Recovery Drainage Agricultural Irrigation Y Monitoring Test Earth-Coupled Geothermal HVAC Supply HVAC Return
Other (Describe)	
12.*Drill Method:AugerCable ToolRotary	Combination (Two or More Methods)JettedSonic
Horizontal Drilling V. Hydraulic Point	(Direct Push) Other
13.*Measured Static Water Level ft. Measured Pumping Witch	ater Level ft. After Hours at GPM isft Above Below Land Surface *Flowing: Yes No
14.*Measuring Point (Describe) Which 15.*Casing Material:Black SteelGalvanized PVC	Stainless Steel Not Cased Other
16.*Total Well Depth 5 ft. Cased Depth 1 ft. *Open Hole: F	rom To ft. *Screen: From 1 To 5 ft. Slot Size . 00
From ft. To ft. No. of Bags Seal Material (CFrom ft. To ft. No. of Bags Seal Material (CFrom ft. To ft. No. of Bags Seal Material (CFrom ft. To ft. No. of Bags Seal Material (CFFrom ft. To ft. No. of Bags Seal Material (CFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	Check One): Neat Cement Bentonite Other Check One): Neat Cement Bentonite Other Check One): Neat Cement Bentonite Other
18.*Surface Casing Diameter and Depth: Diain. Fromft. Toft. No. of Bagsin. Fromft. Toft. No. of Bagsin.	Seal Material (Check One): Neat Cement Bentonite Other Seal Material (Check One): Neat Cement Bentonite Other
19.*Primary Casing Diameter and Depth: Dia in. From oft. To ft. No. of Bags of the Dia in. From ft. To ft. No. of Bags Dia in. From ft. To ft. No. of Bags Dia in. From ft. To ft. No. of Bags Dia in. From ft. To ft. No. of Bags	
	Seal Material (Check One): Neat Cement Bentonite Other Seal Material (Check One): Neat Cement Bentonite Other Seal Material (Check One): Neat Cement Bentonite Other
4. (1.14)	Seal Material (Check One):Neat CementBentoniteOther
21.*Telescope Casing Diameter and Depth: Diain. Fromft. Toft. No. of Bags Diain. Fromft. Toft. No. of Bags	Seal Material (Check One): Neat Cement Bentonite Other Seal Material (Check One): Neat Cement Bentonite Other
Diain. Fromft. Toft. No. of Bags	Seal Material (Check One): Neat Cement Bentonile Other
22. Pump Type (If Known): CentrifugalJetSubmersibleTurbine Horsepower Pump Capacity (GPM) Pump Depthft. Intake Depthft. 24. Water Well Contractor:	23. Chemical Analysis (When Required): Ironppm Sulfateppm Chlorideppm Laboratory TestField Test Kit
	r_2613 E-mail Address grey a Pds-florida, Con
*Contractor's Signature (Contractor's Signature (Contractor) (Contract	*Driller's Name (Frint or Type) Dawiy Charts

*Permit No. NR 3021-00129

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT 4049 REID STREET, PALATKA, FL 32178-1429 PHONE: (386) 329-4500

PHONE: (386) 329-450 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712 (U.S. Highway 90, 10 miles west of Tallahassee)

PHONE: (850) 539-5999

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT P.O. BOX 24680 3301 GUN CLUB ROAD WEST PALM BEACH, FL 33416-4680 PHONE: (561) 686-8800 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT 9225 CR 49 LIVE OAK, FL 32060 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)

WWW.MYSUWANNEERIVER.COM

M=Medio From	0	ft.	To	5	ft.	Color Blow	Grain Size (F, M, C) F	Material Sand Crushed Rock, Stall F.
From	5	ft.	To	6	ft.	Color white	Grain Size (F, M, C) F	Material Crosted Lineston
From		ft.	To	-	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	-	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To		_ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To		_ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To_		_ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To		_ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To		ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To_		_ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To		ft.	Color	Grain Size (F, M, C)	Material

Comments: 1- 1" X 5 Temporary Monitoring well Plugged on 2/1/2121 . 25 Bays Portland



STATE OF FLORIDA WELL COMPLETION REPORT



☐Southwest ☐Northwest ☐St. Johns River ☐South Florida

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

Date Stamp

Sun	wannee River P egated Authority (If Applicable)	EE	Official Use Only
1. Permit Number	0132 -CUPWUP Number	*DID Number	62-524 Delineation No.
			constructed, repaired, or abandoned 6
			5. Florida Unique ID
Day Mala Dal	1000	4. Completion Date 1-4/700	J 6. Florida Unique ID
*Well Location - Address, Roa	d Name or Number, City, ZIP	10 800 Metto Vlay, tos	TIMES Th
			Township 45 'Range 25
8. Latitude	Longitude		
	SPSSurvey		NAD 83WGS 84
11.*Specify Intended Use(s) of VDomesticBottled Water SupplyPublic Water Supply (LimiPublic Water Supply (ConClass I Injection Class V Injection:Rechar Remediation:Recovery	Landscape IrrigatiRecreation Area Inted Use/DOH) Immunity or Non-Community/DEP) ge Commercial/Industrial DisposeAir SpargeCother (Describe)	Agricultural Irrigal Livestock Nursery Irrigation Commercial/Indu Golf Course Irrigal	
Other (Describe)Auger	Cable Tool Rotary Iorizontal Drilling Hydraulic Po	Combination (Ture or Many Math	ods) Jetted Sonic
13.*Measured Static Water Lev 14.*Measuring Point (Describe) 15.*Casing Material: Bla 16.*Total Well Depth ft.	elft. Measured Pumping Whi ck SteelGalvanizedPV Cased Depthft. *Open Hole	Water Level ft. After ich is ft. Above Below C Stainless Steel Not Ca	Hours atGPM Land Surface *Flowing:YesN asedOther
17.*Abandonment:	Other (Explain)	United the state of the state o	
Fromft. Tof	t. No. of Bags Seal Materia b. No. of Bags Seal Materia	I (Check One): Neat Cement Neat Cement Neat Cement	Bentonite Other Bentonite Other
From ft. To f	t. No. of Bags Seal Materia t. No. of Bags Seal Materia	al (Check One): Neat Cement Neat Cement Neat Cement	Bentonite Other Bentonite Other
		al (Check One): Neat Cement	Bentonite Other
18.*Surface Casing Diameter a Diain. From Diain. From	nd Depth: _ft. Toft. No. of Bagsft. Toft. No. of Bags	Seal Material (Check One): Nes Seal Material (Check One): Nes	at Cement Bentonite Other Bentonite Other
19. Primary Casing Diameter	and Depth: _ft. Toft. No. of Bags _, 0 4 ft. Toft. No. of Bags		
Dia in From 0	ft. To ft. No. of Bags • 04 ft. To ft. No. of Bags	Seal Material (Check One): V Ne: Seal Material (Check One): Ne:	at Cement Bentonite Other at Cement Bentonite Other
Diain. From Diain. From	ft. To ft. No. of Bags ft. To ft. No. of Bags	Seal Material (Check One):Ne	at Cement Bentonite Other at Cement Bentonite Other
Diain. From	ft. Toft. No. of Bags		at Cement Bentonite Other Other
20.*Liner Casing Diameter and Dia in. From		Soal Material (Charle Care)	at Comment - Donatolly - Other
Diain. From Diain. From	_ft. Toft. No. of Bags _ft. Toft. No. of Bags		at Cement Bentonite Other at Cement Bentonite Other
Diain. From	_ft. Toft. No. of Bags	Seal Material (Check One):Ne	at CementBentoniteOther
21.*Telescope Casing Diamet Diain. From Diain. From	_ft. Toft. No. of Bags ft. Toft. No. of Bags	Seal Material (Check One):Ne	at Cement Bentonite Other at Cement Bentonite Other
Diain. From	_ft. Toft. No. of Bags	CONTRACTOR OF THE PARTY OF THE	eat Cement Bentonile Other Other
	Pump Capacity (GPM)ake Depthft.	Laboratory Test _	eppm ChlorideppmField Test Kit
*Contractor Name Grey o	Y Campbell *License Num	iber 2613 E-mail Addres	ss greg a fdsflorida. Con
*Contractor's Signature	y Uját the information provided in this report is accus	*Driller's Name (Frint or T	ype) Dawny Richards

*Permit No. MR2021-00132

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SUWANNEE RIVER WATER MANAGEMENT DISTRICT 9225 CR 49

LIVE OAK, FL 32060

PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)

WWW.MYSUWANNEERIVER.COM

M=Mediu From		C=C	'nareal				
Erom		-	Juli 30)		0 -		() 1/2 () 0 -1 (() [FII]
_	0	ft.	To5_	ft.	Color Brown	Grain Size (F, M, C)	Material Soud, Coushed luck Shall Fill
From	5	ft.	To 6	ft.	Color White	Grain Size (F, M, C)	Material Cristed Lineston
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material_
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From_		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	100	ft.	То	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		_ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		_ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From		_ft.	To	ft.	Color	Grain Size (F, M, C)	Material

Comments: 1-1"x6" Temporary Mounter well Plugged on 2/1/2021.25 Bags Portland



STATE OF FLORIDA WELL COMPLETION REPORT



Southwest PLEASE, File
Northwest (*Denotes)
St. Johns River
South Florida
Suwannee River
DEP
DEP
Delegated Authority (If Applicable)

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

LEE

Official Use Only

Date Stamp

posission (in ripplicable)	Official Use Only
1.*Permit Number NRP202 1 - 00134 - CUP/WUP Number	*DID Number 62-524 Delineation No
2.*Number of permitted wells constructed, repaired, or abandoned	*Number of permitted wells not constructed, repaired, or abandoned 3
3. Owner's Name LEE County Row	4.*Completion Date [つえフーン] 5. Florida Unique ID
6. Row Wintler Ave C Closest Address: 3941 1 Well Location - Address, Road Name or Number, City, ZIP	netos Plany Fort Myers FL
7.*County Lee *Section 19 Land Gra	
8. Latitude Longitude	
	Datum:NAD 27NAD 83WGS 84
10.*Type of Work:ConstructionRepairModification 11.*Specify Intended Use(s) of Well(s):Landscape Irrigation Bottled Water SupplyRecreation Area Irrigat Public Water Supply (Limited Use/DOH) Public Water Supply (Community or Non-Community/DEP) Class I Injection Commercial/Industrial Disposal Remediation:Recovery Air Sparge V Other (Describe)	Agricultural Irrigation Livestock Nursery Irrigation Commercial/Industrial Golf Course Irrigation HVAC Supply HVAC Return Aquifer Storage and Recovery Drainage
Other (Describe)	
12.*Ďrill Method:AugerCable ToolRotaryHorizontal DrillingHydraulic Point (I	Combination (Two or More Methods)JettedSonic
13. Measured Static Water Levelft. Measured Pumping Water 14. Measuring Point (Describe) Which is 15. Casing Material: Black Steel Galvanized PVC	er Level ft. After Hours at GPM ft. Above Below Land Surface *Flowing: Yes No
17.*Abandonment:Other (Explain)	
Fromft. Toft. No. of Bags Seal Material (Cherronft. No. of Bags Seal Material (Cherron	neck One): Neat Cement Bentonite Olher
Diain. Fromft. Tott. No. of Bags Se	eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other
Diain. Fromft. Toft. No. of Bags Se Diain. Fromft. Toft. No. of Bags Se	eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other
Diain. Fromft. Toft. No. of Bags S	eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other
Diain. Fromft. Toft. No. of BagsS	teal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other eal Material (Check One): Neat Cement Bentonite Other
22. Pump Type (If Known):	23. Chemical Analysis (When Required):
CentrifugalJetSubmersibleTurbine Horsepower Pump Capacity (GPM)	Ironppm Sulfateppm Chlorideppm
Pump Depthft. Intake Depthft. 24. Water Well Contractor:	Laboratory TestField Test Kit
TO THE DESCRIPTION OF THE PARTY	2613 E-mail Address greg a Pds florida, Com
*Contractor's Signature Lown Lown (Contractor's Signature of Contractor that the Information provided in this report is accurate an	2613 E-mail Address greg a Posflorida, Com Oriller's Name (Frint or Type) Damy Richards

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT 4049 REID STREET, PALATKA, FL 32178-1429 PHONE: (386) 329-4500

PHONE: (386) 329-450 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712 (U.S. Highway 90, 10 miles west of Tallahassee)

PHONE: (850) 539-5999 WWW.NWFWMD.STATE.FL.US SOUTH FLORIDA WATER MANAGEMENT DISTRICT P.O. BOX 24680 3301 GUN CLUB ROAD WEST PALM BEACH, FL 33416-4680 PHONE: (561) 686-8800 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT 9225 CR 49 LIVE OAK, FL 32060 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only) WWW.MYSUWANNEERIVER.COM

5 ft. ft. ft. ft. ft. ft. ft. ft.	Color	Grain Size (F, M, C)	Material Sand Civined Rick Shell Fill Material Crushel mesterial Material
ft. ft. ft. ft. ft. ft.	Color	Grain Size (F, M, C)	Material Material Material Material Material Material
ft. ft. ft. ft. ft. ft.	Color	Grain Size (F, M, C)	Material Material Material Material
ft. ft. ft. ft. ft. ft.	Color	Grain Size (F, M, C)	Material Material Material
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ft.	Color	Grain Size (F, M, C)	Material
ft.			
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	Color	Grain Size (F, M, C)	Material
11.	Color	Grain Size (F, M, C)	Material.
ft.	Color	Grain Size (F, M, C)	Material
ft.	Color	Grain Size (F, M, C)	Material
ft.	Color	Grain Size (F, M, C)	Material_
ft.	Color	Grain Size (F, M, C)	Material
ft.	Color	Grain Size (F, M, C)	Material
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ft.	Color	Grain Size (F, M, C)	Material
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ft.	Color	Grain Size (F, M, C)	Material
ft.	Color	Grain Size (F, M, C)	Material
ft.	Color	Grain Size (F, M, C)	Material
	ft. ft. ft. ft. ft. ft. ft. ft. ft.	ft. Color	ft. Color Grain Size (F, M, C) ft. Color Grain Size (F, M, C)



*Detailed Site Map of Well Location

STATE OF FLORIDA WELL COMPLETION REPORT



☐ Southwest ☐ Northwest ☐ St. Johns River ☐ South Florida PLEASE, FILL OUT ALL APPLICABLE FIELDS (*Denotes Required Fields Where Applicable)

□Suwannee River

Date Stamp

Delegated Authority (If Applicable)	se Only
1.*Permit Number/// 1.DD Number 62-524 Delineation No	
2.*Number of permitted wells constructed, repaired, or abandoned *Number of permitted wells not constructed, repaired, or abandon	ned O
3.*Owner's Name LEE County Row 4.*Completion Date 1-27-2021 5. Florida Unique ID	
6. Low Metro Pky Closest Aldress! 12210 Metro Parkway, Fort Myers FL *Well Location - Address, Road Name or Number, City, ZIP	
7.*CountyLEE*Section	e 25
8. Latitude Longitude	
9. Data Obtained From:GPSX_MapSurvey Datum:NAD 27NAD 83WGS 8	84
10.*Type of Work:KConstructionRepairModificationAbandonment 11.*Specify Intended Use(s) of Well(s):Landscape IrrigationLivestockMonitoring Bottled Water SupplyRecreation Area IrrigationLivestock	hermal
Class I InjectionHVAC Return	1
Class V Injection:Recharge Commercial/Industrial DisposalAquifer Storage and RecoveryDrainage Remediation:RecoveryAir SpargeOther (Describe)Temporary(
Other (Describe)	
	ic
12.*Drill Method:AugerCable ToolRotaryCombination (Two or More Methods)JettedSonHorizontal DrillingX Hydraulic Point (Direct Push)Other	l 'esNo
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	
Diain. Fromft. Toft. No. of Bags Seal Material (Check One):Neat CementBentoniteOth Diain. Fromft. Toft. No. of Bags Seal Material (Check One):Neat CementBentoniteOth	ier
20.*Liner Casing Diameter and Depth: Diain. Fromft. Toft. No. of Bags Seal Material (Check One):Neat CementBentoniteOti	ner ner ner
Diain. Fromft. Toft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Otl Diain. Fromft. Toft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Otl	her
Diain. Fromft. ft. No. of Bags Seal Material (Check One): Neat CementBentoniteOt Diain. Fromft. Toft. No. of Bags Seal Material (Check One): Neat CementBentoniteOt Diain.	her her her
22. Pump Type (If Known): CentrifugalJetSubmersibleTurbine Ironppm Sulfateppm Chloride Horsepower Pump Capacity (GPM)	ppm
Pump Depthft. Intake DepthftLaboratory TestField Test Kit	-
24. Water Well Contractor: *Contractor Name Grey on Cambell *License Number 2613 E-mail Address area a Postionia	da. Com
*Contractor Name Grey and Cambel *License Number 2613 E-mail Address Grey and School *Contractor's Signature Signatu	٠.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476 WWW.SWFWMD.STATE.FL.US

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9225 CR 49

LIVE OAK, FL 32060

PHONE: (386) 362-1001 or (800) 226-1066 (Florida only) WWW.MYSUWANNEERIVER.COM

					e cutti	ngs every 2	0 ft. or at formation	changes. Note cavi	ities and depth	to producing zor	ne. Grain	Size: F=Fine,
M=Med	ium, and	C=C	Coarse) _		0			E	- 1	0-11	11/11/611
From	0	_ft.	To	5	ft.	Color_C	710am	Grain Size (F, M,	C)	Material Sav	ausig	FOCK SALI LI
From	5	ft.	To	7_	ft.	Color	white	Grain Size (F, M,			VUSLY	Limestone
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material	•	
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
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From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material_		
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
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From		ft.	To		ft.	Color		Grain Size (F, M,	C)	Material		
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From		ft.	To		ft.	Color		Grain Size (F, M,		Material		
From		ft.	To		ft.	Color		Grain Size (F, M,		Material		
From		ft.	To		ft.	Color		Grain Size (F, M,		Material		
From_		ft.	To_		ft.	Color		Grain Size (F, M,		Material		
From		ft.	To		ft.	Color_		Grain Size (F, M,	C)	Material		
From_		ft.	To_		ft.	Color		Grain Size (F, M,	. C)	Material		
Comm	ents: <u>1</u> -	- 1"	x 7 '	Temp	der	hell	ADAMONED	ON 2/1/202	1.25 Ba	as Portland		

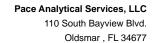
Detailed Site Map of Well Location





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

SA Palmer

Enclosures







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





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





SAMPLE ANALYTE COUNT

Project: Metro Parkway
Pace Project No.: 35607579

Lab ID	Sample ID	Analy Method Analysts Repor		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
5607579003	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
5607579004	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
5607579005	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
5607579006	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



ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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-I	PRO Prepara	tion Method	l: EPA	3546			
	Pace Anal	ytical Service	es - Ormond E	Beach					
Petroleum Range Organics Surrogates	5.5 U	mg/kg	6.4	5.5	1	01/29/21 22:33	01/30/21 10:03		
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 Prepa	ration Metho	od: EP	A 3546			
	Pace Anal	ytical Service	es - Ormond E	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			
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		02/03/21 13:58		
2-Methylnaphthalene	0.014 U	mg/kg	0.042	0.014	1	01/29/21 17:15	02/03/21 13:58		
Naphthalene	0.013 U	mg/kg	0.038	0.013	1	01/29/21 17:15	02/03/21 13:58		
Phenanthrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 13:58		
Pyrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 13:58		
Surrogates	0.012	mg/kg	0.007	0.012	•	01/20/21 17:10	02/00/21 10:00	120 00 0	
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		
p-Terphenyl-d14 (S)	60	%	29-112		1		02/03/21 13:58		
8260 MSV 5035	Analytical	Method: EPA	8260 Prepa	ration Metho	od: EP/	A 5035			
	Pace Anal	ytical Service	es - Ormond E	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		
Toluene	0.00095 U	mg/kg	0.0059	0.00095	1	01/29/21 08:34	01/29/21 18:38		
Xylene (Total)	0.0061 U	mg/kg	0.018	0.0061	1	01/29/21 08:34			
Surrogates		ت ا ت	3.0.0		•				
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		
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	01/29/21 08:34			

110 South Bayview Blvd. Oldsmar , FL 34677 (813)881-9401



ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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	•		M D2974-87						
Percent Moisture	8.1	%	0.10	0.10	1		01/29/21 09:22		





ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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.

## Pace Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach	Parameters Re	Results Uni	ts PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Petroleum Range Organics 10.3 U mg/kg 12.0 10.3 I 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	O Soil Microwave	Analytical Method	d: FL-PRO Prepar	ation Method	d: EPA	3546			
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 S	Services - Ormond	Beach					
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		10.3 U mg/l	kg 12.0	10.3	1	01/29/21 22:33	01/30/21 10:03		P1
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		98 %	66-136		1	01/29/21 22:33	01/30/21 10:03	84-15-1	
,					1				
Pace Analytical Services - Ormond Beach	ISSV Short List Microwave	Analytical Method	d: EPA 8270 Prepa	aration Metho	od: EP	A 3546			
		Pace Analytical S	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	ohthene (0.027 U mg/l	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	ohthylene (0.024 U mg/l	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	cene (0.027 U mg/l	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	a)anthracene	0.022 U mg/l	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	a)pyrene (0.019 U mg/l	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	b)fluoranthene (_	-	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	• •	-	•		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		0.021 U mg/l	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	ene (-	•	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	(a,h)anthracene	_	•	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		J		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	ne (9		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	(1,2,3-cd)pyrene		-	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	, , , , , ,			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	, ,				1				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		9							
Surrogates		9	3.07.7	0.02	·	0.720721 11110	02,00,2::::::::::::::::::::::::::::::::	0 00 0	
Nitrobenzene-d5 (S) 79 % 24-98 1 01/29/21 17:15 02/03/21 14:24 4165-60-0		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	. ,	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	. , , ,				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	ISV 5035	Analytical Method	d: EPA 8260 Prepa	aration Metho	od: EP/	A 5035			
Pace Analytical Services - Ormond Beach		Pace Analytical S	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	ne 0.0	. 00084 U mg/l	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	enzene 0.	•	· ·	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			3						
Toluene 0.00068 U mg/kg 0.0042 0.00068 1 01/31/21 12:01 01/31/21 14:35 108-88-3	•	0	-		1				
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	` ,	g/.	5.010	0.00.0	•	2.70.722.01	1		
4-Bromofluorobenzene (S) 96 % 68-125 1 01/31/21 12:01 01/31/21 14:35 460-00-4		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	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	` '	109 %	70-130		1	01/31/21 12:01	01/31/21 14:35	2199-69-1	

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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	•	Method: AST		Beach					
Percent Moisture	12.3	%	0.10	0.10	1		01/29/21 09:22		





ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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.

FL-PRO Soil Microwave Analytical Method: FL-PRO Preparation Pace Analytical Services - Ormond Beau Surrogates o-Terphenyl (S) N-Pentatriacontane (S) 8270 MSSV Short List Microwave Acenaphthene Acenaphthene Acenaphthylene Acenaphthylene Analytical Method: EPA 8270 Preparation Pace Analytical Services - Ormond Beau Services - Ormond Beau Services Acenaphthylene O.012 U mg/kg 0.037 Acenaphthylene O.011 U mg/kg 0.035 Anthracene O.012 U mg/kg 0.035 Benzo(a)anthracene O.013 I mg/kg 0.035 Benzo(b)fluoranthene O.021 I mg/kg 0.035 Benzo(g,h,i)perylene O.014 I mg/kg 0.035 Benzo(g,h,i)perylene		FPΔ '				
Petroleum Range Organics 5.4 U mg/kg 6.2 Surrogates o-Terphenyl (S) 91 % 66-136 N-Pentatriacontane (S) 95 % 42-159 8270 MSSV Short List Microwave Analytical Method: EPA 8270 Prepara Pace Analytical Services - Ormond Beace	aach		3546			
Surrogates o-Terphenyl (S) 91 % 66-136 N-Pentatriacontane (S) 95 % 42-159 8270 MSSV Short List Microwave Analytical Method: EPA 8270 Prepara Pace Analytical Services - Ormond Bearco Analytical Service	cacii					
o-Terphenyl (S) 91 % 66-136 N-Pentatriacontane (S) 95 % 42-159 8270 MSSV Short List Microwave Analytical Method: EPA 8270 Prepara Pace Analytical Services - Ormond Bethod: EPA 8270 Prepara Pace Analytical Services - Ormond Bethod: One Pace Anal	5.4	1	01/29/21 22:33	01/30/21 10:19		
N-Pentatriacontane (S) 95 % 42-159 8270 MSSV Short List Microwave Analytical Method: EPA 8270 Prepara Pace Analytical Services - Ormond Bear Pace Analytical Method: EPA 8270 Prepara Pace Analytical Method: EPA 8270 Prepara Pace Analytical Method: EPA 8270 Prepara Pace Analytical Services - Ormond Bear Pace Analytical S		1	01/29/21 22:33	01/30/21 10:19	84-15-1	
Pace Analytical Services - Ormond Beta		1	01/29/21 22:33	01/30/21 10:19	630-07-09	
Acenaphthene 0.012 U mg/kg 0.037 Acenaphthylene 0.011 U mg/kg 0.035 Anthracene 0.012 U mg/kg 0.037 Benzo(a)anthracene 0.013 I mg/kg 0.035 Benzo(a)pyrene 0.014 I mg/kg 0.035 Benzo(b)fluoranthene 0.021 I mg/kg 0.035 Benzo(g,h,i)perylene 0.014 I mg/kg 0.035	ation Method	d: EP/	3546			
Acenaphthylene 0.011 U mg/kg 0.035 Anthracene 0.012 U mg/kg 0.037 Benzo(a)anthracene 0.013 I mg/kg 0.035 Benzo(a)pyrene 0.014 I mg/kg 0.035 Benzo(b)fluoranthene 0.021 I mg/kg 0.035 Benzo(g,h,i)perylene 0.014 I mg/kg 0.035	each					
Acenaphthylene 0.011 U mg/kg 0.035 Anthracene 0.012 U mg/kg 0.037 Benzo(a)anthracene 0.013 I mg/kg 0.035 Benzo(a)pyrene 0.014 I mg/kg 0.035 Benzo(b)fluoranthene 0.021 I mg/kg 0.035 Benzo(g,h,i)perylene 0.014 I mg/kg 0.035	0.012	1	01/29/21 17:15	02/03/21 14:50	83-32-9	
Anthracene 0.012 U mg/kg 0.037 Benzo(a)anthracene 0.013 I mg/kg 0.035 Benzo(a)pyrene 0.014 I mg/kg 0.035 Benzo(b)fluoranthene 0.021 I mg/kg 0.035 Benzo(g,h,i)perylene 0.014 I mg/kg 0.035	0.011	1	01/29/21 17:15	02/03/21 14:50		
Benzo(a)anthracene 0.013 I mg/kg 0.035 Benzo(a)pyrene 0.014 I mg/kg 0.035 Benzo(b)fluoranthene 0.021 I mg/kg 0.035 Benzo(g,h,i)perylene 0.014 I mg/kg 0.035	0.012	1 🛦	01/29/21 17:15	02/03/21 14:50	120-12-7	
Benzo(a)pyrene 0.014 I mg/kg 0.035 Benzo(b)fluoranthene 0.021 I mg/kg 0.035 Benzo(g,h,i)perylene 0.014 I mg/kg 0.035	0.010	4		02/03/21 14:50		
Benzo(b)fluoranthene 0.021 I mg/kg 0.035 Benzo(g,h,i)perylene 0.014 I mg/kg 0.035	0.0087	1	01/29/21 17:15	02/03/21 14:50		
Benzo(g,h,i)perylene 0.014 I mg/kg 0.035	0.0094	1		02/03/21 14:50		
(87.77)	0.0088	1		02/03/21 14:50		
Benzo(k)fluoranthene 0.0094 U mg/kg 0.035	0.0094	1		02/03/21 14:50	-	
Chrysene 0.014 I mg/kg 0.035	0.011	1		02/03/21 14:50		
Dibenz(a,h)anthracene 0.0081 U mg/kg 0.035	0.0081	1	01/29/21 17:15	02/03/21 14:50		
Fluoranthene 0.018 I mg/kg 0.035	0.0001	1		02/03/21 14:50		
	0.012	1	01/29/21 17:15	02/03/21 14:50		
3, 3	0.013					
Indeno(1,2,3-cd)pyrene		1		02/03/21 14:50		
1-Methylnaphthalene 0.014 U mg/kg 0.042	0.014	1	01/29/21 17:15	02/03/21 14:50		
2-Methylnaphthalene 0.013 U mg/kg 0.041	0.013	1	01/29/21 17:15	02/03/21 14:50		
Naphthalene 0.012 U mg/kg 0.036	0.012	1	01/29/21 17:15	02/03/21 14:50		
Phenanthrene 0.012 U mg/kg 0.035	0.012	1	01/29/21 17:15	02/03/21 14:50		
Pyrene 0.016 I mg/kg 0.035 Surrogates	0.011	1	01/29/21 17:15	02/03/21 14:50	129-00-0	
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		
p-Terphenyl-d14 (S) 76 % 29-112		1		02/03/21 14:50		
8260 MSV 5035 Analytical Method: EPA 8260 Prepara	ation Metho	d: EP/	A 5035			
Pace Analytical Services - Ormond Be						
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	-	
Methyl-tert-butyl ether 0.00094 U mg/kg 0.0056	0.00094	1	01/29/21 08:34	01/29/21 19:22		
Toluene 0.00091 U mg/kg 0.0056	0.00091	1	01/29/21 08:34	01/29/21 19:22		
Xylene (Total) 0.0058 U mg/kg 0.0030	0.0058	1		01/29/21 19:22		
Surrogates 0.0038 0 mg/kg 0.017	0.0000		51/25/21 00.54	01/20/21 13.22	1000-20-1	
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		
1,2-Dichlorobenzene-d4 (S) 101 % 70-130		1	01/29/21 08:34	01/29/21 19:22		

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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	•		M D2974-87 es - Ormond B	seach					
Percent Moisture	4.3	%	0.10	0.10	1		01/29/21 09:22		





ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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-I	PRO Prepara	tion Method	l: EPA	3546			
	Pace Ana	ytical Service	es - Ormond E	Beach					
Petroleum Range Organics Surrogates	5.6 U	mg/kg	6.5	5.6	1	01/29/21 22:33	01/30/21 10:19		
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 Prepa	ration Metho	od: EP	A 3546			
	Pace Ana	ytical Service	es - Ormond E	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		
Benzo(a)anthracene	0.010 U	mg/kg	0.037	0.010	4	01/29/21 17:15	02/03/21 15:17		
Benzo(a)pyrene	0.0090 U	mg/kg	0.037	0.0090	1	01/29/21 17:15	02/03/21 15:17		
Benzo(b)fluoranthene	0.0097 U	mg/kg	0.037	0.0097	\mathbf{K}_{1}^{i}		02/03/21 15:17		
Benzo(g,h,i)perylene	0.0097 U	mg/kg	0.037	0.0097	1		02/03/21 15:17		
Benzo(k)fluoranthene	0.0092 U	mg/kg	0.037	0.0032	1		02/03/21 15:17	-	
Chrysene	0.0037 U	mg/kg	0.037	0.0037	1		02/03/21 15:17		
	0.012 U 0.0084 U		0.037	0.0012	1		02/03/21 15:17		
Dibenz(a,h)anthracene Fluoranthene	0.0084 U 0.012 U	mg/kg	0.037	0.0004	1		02/03/21 15:17		
		mg/kg							
Fluorene	0.013 U	mg/kg	0.040	0.013	1		02/03/21 15:17		
Indeno(1,2,3-cd)pyrene	0.0083 U	mg/kg	0.037	0.0083	1		02/03/21 15:17		
1-Methylnaphthalene	0.014 U	mg/kg	0.043	0.014	1		02/03/21 15:17		
2-Methylnaphthalene	0.014 U	mg/kg	0.042	0.014	1	01/29/21 17:15	02/03/21 15:17		
Naphthalene	0.013 U	mg/kg	0.038	0.013	1	01/29/21 17:15	02/03/21 15:17		
Phenanthrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:17		
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		
2-Fluorobiphenyl (S)	47	%	29-101		1	01/29/21 17:15	02/03/21 15:17		
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 Prepa	ration Metho	od: EP/	A 5035			
	Pace Ana	ytical Service	es - Ormond E	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			
Toluene	0.00087 U	mg/kg	0.0054	0.00087	1	01/29/21 08:34	01/29/21 19:43		
Xylene (Total)	0.0055 U	mg/kg	0.0054	0.00057	1	01/29/21 08:34			
Surrogates	0.0000	mg/kg	0.010	0.0000	'	01/20/21 00:04	01/20/21 19.40	1000-20-7	
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		
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1	01/29/21 08:34			





ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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			





ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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-I	PRO Prepara	tion Method	l: EPA	3546			
	Pace Anal	ytical Service	s - Ormond E	Beach					
Petroleum Range Organics Surrogates	5.6 U	mg/kg	6.5	5.6	1	01/29/21 22:33	01/30/21 10:35		
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 Prepa	ration Metho	od: EP/	A 3546			
	Pace Anal	ytical Service	s - Ormond B	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		02/03/21 15:43		
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		02/03/21 15:43		
Dibenz(a,h)anthracene	0.0085 U	mg/kg	0.037	0.0085	1		02/03/21 15:43		
Fluoranthene	0.012 U	mg/kg	0.037	0.012	1		02/03/21 15:43		
Fluorene	0.013 U	mg/kg	0.040	0.013	1		02/03/21 15:43		
ndeno(1,2,3-cd)pyrene	0.0085 U	mg/kg	0.037	0.0085	1		02/03/21 15:43		
-Methylnaphthalene	0.015 U	mg/kg	0.044	0.015	1		02/03/21 15:43		
2-Methylnaphthalene	0.014 U	mg/kg	0.043	0.014	1	01/29/21 17:15	02/03/21 15:43		
Naphthalene	0.013 U	mg/kg	0.038	0.013	1	01/29/21 17:15	02/03/21 15:43		
Phenanthrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:43		
Pyrene	0.012 U	mg/kg	0.037	0.012	1	01/29/21 17:15	02/03/21 15:43		
Surrogates	0.012	mg/kg	0.007	0.012	'	01/20/21 17:10	02/00/21 10:40	120 00 0	
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		
o-Terphenyl-d14 (S)	79	%	29-112		1		02/03/21 15:43		
3260 MSV 5035	Analytical	Method: EPA	8260 Prepa	ration Metho	od: EP	A 5035			
	Pace Anal	ytical Service	es - Ormond E	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		
Xylene (Total)	0.081	mg/kg	0.021	0.0070	1	01/29/21 08:34			
Surrogates	3.00.	שיי שיי	2.02.		•				
4-Bromofluorobenzene (S)	99	%	68-125		1	01/29/21 08:34	01/29/21 20:06	460-00-4	
Foluene-d8 (S)	106	%	70-130		1	01/29/21 08:34	01/29/21 20:06		
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

Date: 02/04/2021 12:32 PM

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	•		M D2974-87								
	Pace Analytical Services - Ormond Beach										
Percent Moisture	8.8	%	0.10	0.10	1		01/29/21 09:22				





ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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.	Qua
FL-PRO Soil Microwave	Analytical	Method: FL-F	PRO Prepara	ation Method	l: EPA :	3546			
	Pace Anal	ytical Service	es - Ormond E	Beach					
Petroleum Range Organics Surrogates	6.0 U	mg/kg	7.0	6.0	1	01/29/21 22:33	01/30/21 10:35		
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		
3270 MSSV Short List Microwave	Analytical	Method: EPA	8270 Prepa	ration Metho	od: EP/	3546			
	Pace Anal	ytical Service	es - Ormond E	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		
Anthracene	0.014 U	mg/kg	0.042	0.014	1 🛦	01/29/21 17:15	02/03/21 16:09		
Benzo(a)anthracene	0.011 U	mg/kg	0.039	0.011	- 40	01/29/21 17:15	02/03/21 16:09		
Benzo(a)pyrene	0.0097 U	mg/kg	0.039	0.0097		01/29/21 17:15	02/03/21 16:09		
Benzo(b)fluoranthene	0.0037 U	mg/kg	0.039	0.010	$\mathbf{K}_{1}^{'}$	01/29/21 17:15	02/03/21 16:09		
()	0.010 U	mg/kg	0.039	0.0098	1		02/03/21 16:09		
Benzo(g,h,i)perylene Benzo(k)fluoranthene	0.0038 U	mg/kg	0.039	0.0098	1		02/03/21 16:09	-	
` '	0.010 U	0 0	0.039	0.010	1	01/29/21 17:15	02/03/21 16:09		
Chrysene		mg/kg			<u> </u>				
Dibenz(a,h)anthracene	0.0090 U	mg/kg	0.039	0.0090	1	01/29/21 17:15	02/03/21 16:09		
luoranthene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 16:09		
luorene	0.014 U	mg/kg	0.043	0.014	1	01/29/21 17:15	02/03/21 16:09		
ndeno(1,2,3-cd)pyrene	0.0089 U	mg/kg	0.039	0.0089	1		02/03/21 16:09		
-Methylnaphthalene	0.015 U	mg/kg	0.046	0.015	1	01/29/21 17:15	02/03/21 16:09		
2-Methylnaphthalene	0.015 U	mg/kg	0.045	0.015	1	01/29/21 17:15	02/03/21 16:09		
Naphthalene	0.013 U	mg/kg	0.040	0.013	1	01/29/21 17:15	02/03/21 16:09		
Phenanthrene	0.013 U	mg/kg	0.039	0.013	1	01/29/21 17:15	02/03/21 16:09		
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		
2-Fluorobiphenyl (S)	77	%	29-101		1	01/29/21 17:15	02/03/21 16:09	321-60-8	
-Terphenyl-d14 (S)	96	%	29-112		1	01/29/21 17:15	02/03/21 16:09	1718-51-0	
3260 MSV 5035	Analytical	Method: EPA	8260 Prepa	ration Metho	od: EPA	A 5035			
	Pace Anal	ytical Service	es - Ormond E	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		
Methyl-tert-butyl ether	0.00082 U	mg/kg	0.0049	0.00082	1	01/29/21 08:34	01/29/21 20:27		
Toluene	0.00080 U	mg/kg	0.0049	0.00080	1	01/29/21 08:34	01/29/21 20:27		
Kylene (Total)	0.0050 U	mg/kg	0.0045	0.0050	1	01/29/21 08:34	01/29/21 20:27		
Surrogates	0.0000	9/119	0.010	0.0000	'	5 1, Z0, Z1 00.04	01,20,2120.21	1000 20 7	
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		
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	01/29/21 08:34			





ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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				





QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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

		Blank	Reporting			
Parameter	Units	Result	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	Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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						
		35607869001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% 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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40

40

40

(813)881-9401



Xylene (Total)

Toluene-d8 (S)

1,2-Dichlorobenzene-d4 (S)

4-Bromofluorobenzene (S)

Date: 02/04/2021 12:32 PM

QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

SAMPLE DUPLICATE: 3818521						
		35607869002	Dup		Max	
Parameter	Units	Result	Result	RPD	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	

0.0060 U

100

103

0.0062 U

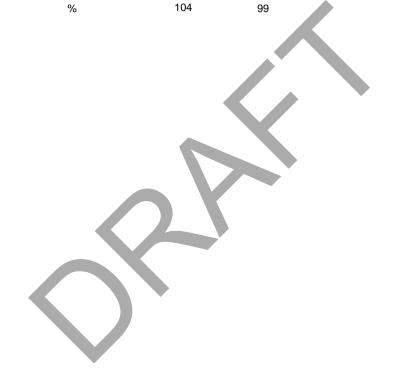
99

98

mg/kg

%

%



Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.





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

Date: 02/04/2021 12:32 PM

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	Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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						
		35607826006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% 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	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

SAMPLE DUPLICATE: 3818565						
		35607826005	Dup		Max	
Parameter	Units	Result	Result	RPD	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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Date: 02/04/2021 12:32 PM

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

		Blank	Reporting			
Parameter	Units	Result	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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

LABORATORY CONTROL SAMPLE:	3817220					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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	
henanthrene	mg/kg	1.7	1.1	68	35-128	
rene	mg/kg	1.7	1.2	74	37-132	
Fluorobiphenyl (S)	%			64	29-101	
itrobenzene-d5 (S)	%			61	24-98	
Terphenyl-d14 (S)	%			90	29-112	

MATRIX SPIKE & MATRIX S	SPIKE DUPLIC	CATE: 3817	400		3817401							
			MS	MSD								
	3	5607870003	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
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			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3817	678		3817679							
			MS	MSD								
		35607871002	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



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
 Max RPD
 RPD
 Qualifiers

 Percent Moisture
 %
 13.9
 12.8
 9
 10

SAMPLE DUPLICATE: 3816357

 Parameter
 Units
 35607578003 Result
 Dup Result
 Max RPD
 Max RPD
 Qualifiers

 Percent Moisture
 %
 2.9
 3.6
 22
 10
 J(D6)

SAMPLE DUPLICATE: 3816358

Date: 02/04/2021 12:32 PM

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

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

Oldsmar, FL 34677 (813)881-9401



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

Date: 02/04/2021 12:32 PM

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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Metro Parkway
Pace Project No.: 35607579

Date: 02/04/2021 12:32 PM

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		

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CHAIN-OF-CUSTODY
The Chain-of-Custody is a LEGAL! W0#:35607579

Sendon Se	6511-13-078E					12	11	10	9	00	7	6	ۍ.	4	ω	2	4	ITEM#		Requested Due Date:	Phone:	Email: mbair@ti	Address:	Company:	Required C
	3E				ADDITIONAL COMMENTS							58-16	25.25	58-12	£-25	58.6	58-	SAMPLE ID One Character per box. (AZ, 0-91, -) Sample ids must be unique		Stande	(813)765-8609 Fax	mbair@tierraeng.com	7351 Temple Terrace Highway	Tierra, Inc.	Required Client Information:
45 ISAN				Bottle Kit														Water Water Water Waste Water Waste Water Froduct Scil/Soild Oil Wipe Air Other Tissue	MATRIX	Proje	Proje	Purc	Cop	Rep	Req
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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 # Project Manager:

WO#: 35607579

PM: LAP Due Date: 02/04/21

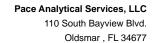
Date and Initials of person:

Examining contents: MC

Label: 1 (28) 21

Deliver:

Client:	CLIENT: 37-TIETPA		Deliver:
Thermometer Used: 120	3 Date: 1/28/	21Time:	1 Initials: MrC
State of Origin: FL	□ For W	/ projects, all containers veri	fied to ≤6 °C
	l) Ocrrection Factor)		Samples on ice, cooling process has begun
Cooler #2 Temp.°C(Visua	77 S		Samples on ice, cooling process has begun
	l)(Correction Factor)		Samples on ice, cooling process has begun
	l)(Correction Factor)		Samples on ice, cooling process has begun
	l)(Correction Factor)		Samples on ice, cooling process has begun
	l)(Correction Factor)		Samples on ice, cooling process has begun
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	ıht ☐ Priority Overnight ☐ Standar	rd Overnight Groun	d □ International Priority
Other	Conden C Third Dark	D On dia On d	- Haling sour
Billing: Recipient	☐ Sender ☐ Third Party	☐ Credit Card	☐ Unknown
Tracking #			
Custody Seal on Cooler/Box Presen	t: 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, com	plete) Shorted Date:	Shor	ted Time: Qty:
i i			
Chain of Custody Present	NYes □ No □N/A	Comments:	
Chain of Custody Filled Out	Lives I No IN/A		
Relinquished Signature & Sampler Na			
Samples Arrived within Hold Time	Des □ No □N/A		W N
Rush TAT requested on COC	□Yes No □N/A		
Sufficient Volume	¹QYes □ No □N/A		
Correct Containers Used	NYes □ No □N/A		
Containers Intact	NYes □ No □N/A		
Sample Labels match COC (sample IDs &			
collection) All containers needing acid/base preservat			Preservation Information:
checked. All Containers needing preservation are for	□Yes □ No N/A	Preservativ Lot #/Trace	e:
compliance with EPA recommendation:	□Yes □ No □N/A	Date:	Time:
	m, TOC, O&G, Carbamates	Initials:	<u> </u>
Headspace in VOA Vials? (>6mm):	□Yes □ No □N/A		
Trip Blank Present:	□Yes □ No DN/A	1	
Client Notification/ Resolution: Person Contacted:		Date/Time:	
Comments/Resolution (use back for	r additional comments): 58-1	58-6 2 5	58-7 Placed in
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 lori.palmer@pacelabs.com 813-855-1844 Project Manager

SA Palmer

Enclosures







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



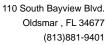


SAMPLE SUMMARY

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







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	ВМС	3	PASI-O
		EPA 8270 by SIM	RJR	20	PASI-O
		EPA 8260	AST	8	PASI-O
35607727005	TMW-5	FL-PRO	ВМС	3	PASI-O
		EPA 8270 by SIM	MMG	20	PASI-O
		EPA 8260	AST	8	PASI-O
35607727006	TMW-6	FL-PRO	ВМС	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





ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

Sample: TMW-1	Lab ID:	35607727001	Collected	l: 01/27/2	1 13:50	Received: 01/	28/21 15:10 M	atrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume	Analytical	Method: FL-PR	O Preparat	ion Method	d: EPA 3	3510			
	Pace Anal	ytical Services	Ormond B	each					
Petroleum Range Organics Surrogates	0.80 U	mg/L	0.99	0.80	1	02/01/21 16:53	02/02/21 09:21		
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	
3270 MSSV PAHLV by SIM	Analytical	Method: EPA 8	270 by SIM	Preparation	n Meth	od: EPA 3510			
	Pace Anal	ytical Services	Ormond B	each					
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_		02/02/21 14:13		
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		02/02/21 14:13		
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1		02/02/21 14:13		
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1		02/02/21 14:13		
Chrysene	0.026 U	ug/L	0.50	0.026	1		02/02/21 14:13		
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1		02/02/21 14:13		
Fluoranthene	0.018 U	ug/L	0.50	0.018	1		02/02/21 14:13		
Fluorene	0.088 U	ug/L	0.50	0.088	1		02/02/21 14:13		
ndeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1		02/02/21 14:13		
I-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1		02/02/21 14:13		
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.13	1		02/02/21 14:13		
Naphthalene	0.29 U	ug/L	2.0	0.29	1		02/02/21 14:13		
Phenanthrene	0.16 U	ug/L	0.50	0.16	1		02/02/21 14:13		
Pyrene	0.032 U	ug/L	0.50	0.10	1		02/02/21 14:13		
Surrogates	0.032 0	ug/L	0.50	0.032	'	02/01/21 00.17	02/02/21 14.13	129-00-0	
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		02/02/21 14:13		
3260 MSV, Short List	Analytical	Method: EPA 8	260						
,	•	ytical Services		each					
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	-	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		02/02/21 07:37		
Foluene	0.33 U	ug/L	1.0	0.33	1		02/02/21 07:37		
Kylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/02/21 07:37		
Surrogates	2 0	~9, -	0.0		•		32,32,21.01.01	.500 20 7	
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		
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		02/02/21 07:37		

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

Sample: TMW-2	Lab ID:	35607727002	Collected	d: 01/27/2	1 14:50	Received: 01/	28/21 15:10 M	atrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume	Analytical	Method: FL-PR	O Preparat	tion Method	d: EPA 3	3510			
	Pace Analy	tical Services	Ormond B	each					
Petroleum Range Organics Surrogates	0.92 U	mg/L	1.1	0.92	1	02/01/21 16:53	02/02/21 09:21		
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	
3270 MSSV PAHLV by SIM	Analytical I	Method: EPA 8	270 by SIM	Preparation	n Meth	od: EPA 3510			
	Pace Analy	tical Services	Ormond B	each					
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	
luoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17	02/02/21 14:35	206-44-0	
luorene	0.088 U	ug/L	0.50	0.088	1	02/01/21 08:17	02/02/21 14:35	86-73-7	
ndeno(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	
I-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		02/02/21 14:35		
Naphthalene	0.29 U	ug/L	2.0	0.29	1		02/02/21 14:35		
Phenanthrene	0.16 U	ug/L	0.50	0.16	1		02/02/21 14:35		
Pyrene	0.032 U	ug/L	0.50	0.032	1		02/02/21 14:35		
Surrogates		13							
2-Fluorobiphenyl (S)	69	%	32-100		1	02/01/21 08:17	02/02/21 14:35	321-60-8	
o-Terphenyl-d14 (S)	74	%	48-112		1	02/01/21 08:17	02/02/21 14:35	1718-51-0	
3260 MSV, Short List	Analytical I	Method: EPA 8	260						
	Pace Analy	tical Services	Ormond B	each					
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		
Toluene	0.33 U	ug/L	1.0	0.33	1		02/02/21 08:03	108-88-3	
Kylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/02/21 08:03		
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	



ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

Sample: TMW-3	Lab ID:	35607727003	Collected	d: 01/27/2	1 15:47	Received: 01/	28/21 15:10 M	atrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume	Analytical	Method: FL-PR	O Prepara	tion Method	d: EPA :	3510			
	Pace Anal	ytical Services	- Ormond B	each					
Petroleum Range Organics Surrogates	0.77 U	mg/L	0.97	0.77	1	02/01/21 16:53	02/02/21 09:34		
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 8	270 by SIM	Preparation	on Meth	od: EPA 3510			
	Pace Anal	ytical Services	- Ormond B	each					
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		02/02/21 14:57		
Anthracene	0.043 U	ug/L	0.50	0.043	1		02/02/21 14:57		
Benzo(a)anthracene	0.055 U	ug/L	0.10	0.055	1.		02/02/21 14:57		
Benzo(a)pyrene	0.12 U	ug/L	0.20	0.12	1		02/02/21 14:57		
Benzo(b)fluoranthene	0.027 U	ug/L	0.10	0.027	1		02/02/21 14:57		
Benzo(g,h,i)perylene	0.15 U	ug/L	0.50	0.15	1		02/02/21 14:57		
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1		02/02/21 14:57		
Chrysene	0.026 U	ug/L	0.50	0.026	1		02/02/21 14:57		
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1		02/02/21 14:57		
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17			
Fluorene	0.088 U	ug/L	0.50	0.088	1		02/02/21 14:57		
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1		02/02/21 14:57		
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1		02/02/21 14:57		
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1		02/02/21 14:57		
Naphthalene	0.29 U	ug/L	2.0	0.29	1		02/02/21 14:57		
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17			
Pyrene	0.032 U	ug/L	0.50	0.032	1		02/02/21 14:57		
Surrogates			0.00	0.002	•	02/01/21 00111	02/02/21 11:01	.20 00 0	
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 8	260						
,	Pace Anal	ytical Services	- Ormond B	each					
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 ug/L	1.0	0.30	1		02/02/21 08:55		
Methyl-tert-butyl ether	4.4 U	ug/L ug/L	5.0	4.4	1		02/02/21 08:55		
Toluene	0.33 U	ug/L ug/L	1.0	0.33	1		02/02/21 08:55		
Xylene (Total)	2.1 U	ug/L ug/L	5.0	2.1	1		02/02/21 08:55		
Surrogates	2.1 0	ug/ L	5.0	۷.۱	'		02,02,21 00.00	1000 20 7	
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		
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		02/02/21 08:55		

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ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

Sample: TMW-4	Lab ID: 3	35607727004	Collected	d: 01/28/2	1 09:48	Received: 01/	28/21 15:10 M	atrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume	Analytical N	Лethod: FL-PR	O Preparat	tion Method	d: EPA 3	3510			
	Pace Analy	tical Services	- Ormond B	each					
Petroleum Range Organics Surrogates	0.81 U	mg/L	1.0	0.81	1	02/01/21 16:53	02/02/21 09:34		J(M1)
o-Terphenyl (S)	77	%	66-139		1	02/01/21 16:53	02/02/21 09:34		
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 N	/lethod: EPA 8	270 by SIM	Preparation	on Meth	od: EPA 3510			
	Pace Analy	tical Services	Ormond B	each					
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		02/02/21 08:39		
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1		02/02/21 08:39		
Chrysene	0.026 U	ug/L	0.50	0.026	1		02/02/21 08:39		
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1		02/02/21 08:39		
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17			
Fluorene	0.088 U	ug/L	0.50	0.088	1		02/02/21 08:39		
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1		02/02/21 08:39		
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1		02/02/21 08:39		
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1		02/02/21 08:39		
Naphthalene	0.29 U	ug/L	2.0	0.29	1		02/02/21 08:39		
Phenanthrene	0.16 U	ug/L	0.50	0.16	1	02/01/21 08:17			
Pyrene	0.032 U	ug/L	0.50	0.032	1		02/02/21 08:39		
Surrogates	0.002 0	ug/L	0.00	0.002	•	02/01/21 00:11	02/02/21 00:00	120 00 0	
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		02/02/21 08:39		
8260 MSV, Short List	Analytical N	Method: EPA 8	260						
ozoo mov, onore zioe	,	tical Services		each					
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		
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		02/03/21 05:48		
Toluene	0.33 U	ug/L ug/L	1.0	0.33	1		02/03/21 05:48		
Xylene (Total)	0.33 U 2.1 U	ug/L ug/L	5.0	2.1	1		02/03/21 05:48		
Surrogates	2.1 0	ug/L	5.0	2.1	'		02/03/21 03.40	1000 20 7	
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		
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		02/03/21 05:48		



ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

Sample: TMW-5	Lab ID:	35607727005	Collected	d: 01/28/2	1 10:39	Received: 01/	28/21 15:10 M	atrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume	Analytical	Method: FL-PR	O Preparat	tion Method	d: EPA 3	3510			
	Pace Ana	lytical Services	- Ormond B	each					
Petroleum Range Organics Surrogates	0.88 U	mg/L	1.1	0.88	1	02/01/21 16:53	02/02/21 09:47		
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 8	270 by SIM	Preparation	on Meth	od: EPA 3510			
	Pace Ana	lytical Services	- Ormond B	each					
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		02/02/21 15:19		
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1				
Fluoranthene	0.018 U	ug/L	0.50	0.018	1	02/01/21 08:17			
Fluorene	0.088 U	ug/L	0.50	0.088	1	02/01/21 08:17			
Indeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1		02/02/21 15:19		
1-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1	02/01/21 08:17			
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.68	1		02/02/21 15:19		
Naphthalene	0.29 U	ug/L	2.0	0.29	1		02/02/21 15:19		
Phenanthrene	0.16 U	ug/L	0.50	0.23	1		02/02/21 15:19		
Pyrene	0.032 U	ug/L	0.50	0.10	1		02/02/21 15:19		
Surrogates	0.032 0	ug/L	0.50	0.032	'	02/01/21 00.17	02/02/21 13.19	129-00-0	
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		02/02/21 15:19		
8260 MSV, Short List	Analytical	Method: EPA 8	260						
0200 MOV, OHOIT LIST	,	lytical Services		each					
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		
Methyl-tert-butyl ether	4.4 U	ug/L ug/L	5.0	4.4	1		02/03/21 06:41		
Toluene	0.33 U	ug/L ug/L	1.0	0.33	1		02/03/21 06:41		
Yylene (Total)	0.33 U 2.1 U	ug/L ug/L	5.0	2.1	1		02/03/21 06:41		
Surrogates	2.1 U	ug/L	5.0	۷.۱	ı		02/03/21 00.41	1330-20-7	
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		
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		02/03/21 06:41		





ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

Sample: TMW-6	Lab ID:	35607727006	Collected	l: 01/28/2 ⁻	1 11:30	Received: 01/	28/21 15:10 M	atrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Water, Low Volume	Analytical	Method: FL-PR	O Preparat	ion Metho	d: EPA (3510			
	Pace Anal	ytical Services	Ormond B	each					
Petroleum Range Organics Surrogates	1.0 U	mg/L	1.3	1.0	1	02/01/21 16:53	02/02/21 10:01		
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 8	270 by SIM	Preparation	on Meth	od: EPA 3510			
	Pace Anal	ytical Services	Ormond B	each					
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		02/02/21 15:42		
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		02/02/21 15:42		
Benzo(k)fluoranthene	0.16 U	ug/L	0.50	0.16	1		02/02/21 15:42		
Chrysene	0.026 U	ug/L	0.50	0.026	1		02/02/21 15:42		
Dibenz(a,h)anthracene	0.13 U	ug/L	0.15	0.13	1		02/02/21 15:42		
Fluoranthene	0.018 U	ug/L	0.50	0.018	1		02/02/21 15:42		
Fluorene	0.088 U	ug/L	0.50	0.088	1		02/02/21 15:42		
ndeno(1,2,3-cd)pyrene	0.12 U	ug/L	0.15	0.12	1		02/02/21 15:42		
I-Methylnaphthalene	0.19 U	ug/L	2.0	0.19	1		02/02/21 15:42		
2-Methylnaphthalene	0.68 U	ug/L	2.0	0.13	1		02/02/21 15:42		
Naphthalene	0.29 U	ug/L	2.0	0.29	1		02/02/21 15:42		
Phenanthrene	0.16 U	ug/L	0.50	0.23	1		02/02/21 15:42		
Pyrene	0.032 U	ug/L	0.50	0.032	1		02/02/21 15:42		
Surrogates	0.032 0	ug/L	0.50	0.032	'	02/01/21 00.17	02/02/21 13.42	129-00-0	
2-Fluorobiphenyl (S)	75	%	32-100		1	02/01/21 08:17	02/02/21 15:42	321-60-8	
o-Terphenyl-d14 (S)	77	%	48-112		1		02/02/21 15:42		
3260 MSV, Short List	Analytical	Method: EPA 8	260						
•	•	ytical Services		each					
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	-	
Methyl-tert-butyl ether	4.4 U	ug/L	5.0	4.4	1		02/03/21 07:07		
Toluene	0.33 U	ug/L	1.0	0.33	1		02/03/21 07:07		
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		02/03/21 07:07		
Surrogates	2 0	~9, -	0.0		•		32,33,21.01.01	.500 20 7	
4-Bromofluorobenzene (S)	103	%	70-130		1		02/03/21 07:07	460-00-4	
Foluene-d8 (S)	96	%	70-130		1		02/03/21 07:07		
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		02/03/21 07:07		



ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

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

Campic. Time?	Lab ib.	0000772700	, concote	u. 01/20/2	1 12.00	reconved.	1/20/21 10:10	atrix. Water	
Parameters	Results	Units	PQL	MDL	DF_	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical	Method: EPA	8260						
	Pace Anal	lytical Service	s - Ormond E	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		- ()
Bromochloromethane	0.37 U	ug/L	1.0	0.37	1		01/30/21 04:44		
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		
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		
Chloroform	0.32 U	ug/L	1.0	0.32	1		01/30/21 04:44		
Chloromethane	0.43 U	ug/L	1.0	0.43	1		01/30/21 04:44		
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		01/30/21 04:44		
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		01/30/21 04:44	_	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		01/30/21 04:44		
1,3-Dichlorobenzene	0.33 U	ug/L	1.0	0.33			01/30/21 04:44		
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		01/30/21 04:44		
Dichlorodifluoromethane	0.26 U	ug/L	1.0	0.26	1		01/30/21 04:44		
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		01/30/21 04:44		
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		01/30/21 04:44		
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		01/30/21 04:44		
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		01/30/21 04:44		
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		01/30/21 04:44		
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		01/30/21 04:44		
1,3-Dichloropropene	0.17 U	ug/L	1.0	0.23	1		01/30/21 04:44		
Ethylbenzene	0.30 U	ug/L ug/L	1.0	0.17	1		01/30/21 04:44		
2-Hexanone	3.2 U	ug/L ug/L	25.0	3.2	1		01/30/21 04:44		
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		01/30/21 04:44		
Methylene Chloride	4.4 U	ug/L	5.0	4.4	1		01/30/21 04:44		
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L ug/L	25.0	7.5	1		01/30/21 04:44		
	4.4 U	_	5.0	4.4	1		01/30/21 04:44		
Methyl-tert-butyl ether Styrene	0.26 U	ug/L ug/L	1.0	0.26	1		01/30/21 04:44		
1,1,2,2-Tetrachloroethane	0.59 U	ug/L ug/L	1.0	0.20	1		01/30/21 04:44		
Tetrachloroethene	0.38 U	ug/L ug/L	1.0	0.38	1		01/30/21 04:44		
Toluene	0.33 U		1.0	0.33	1		01/30/21 04:44	_	
		ug/L							
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/30/21 04:44		
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		01/30/21 04:44		
Trichloroethene Trichloroethene	0.36 U	ug/L	1.0	0.36	1		01/30/21 04:44		
Trichlorofluoromethane	0.35 U	ug/L	1.0	0.35	1		01/30/21 04:44		
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/30/21 04:44		
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		01/30/21 04:44		
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		01/30/21 04:44		
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		01/30/21 04:44	1330-20-7	



ANALYTICAL RESULTS

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

Sample: TMW-7	Lab ID:	35607727007	Collecte	d: 01/28/2	21 12:33	Received: 01	/28/21 15:10 Ma	atrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical	Method: EPA 8	260						
	Pace Anal	ytical Services	- Ormond E	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	





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

Date: 02/03/2021 04:45 PM

		Blank Reporting				
Parameter	Units	Result	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	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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	
1-Methyl-2-pentanone (MIBK)	ug/L	100	83.3	83	57-132	
Acetone	ug/L	100	132	132	46-148	(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	(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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Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

ABORATORY CONTROL SAMPLE:	3817063					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
ropylbenzene (Cumene)	ug/L		20.1	100	70-130	
/l-tert-butyl ether	ug/L	20	18.1	91	64-124	
ylene Chloride	ug/L	20	21.3	107	65-136	
ne	ug/L	20	19.9	100	70-130	
hloroethene	ug/L	20	21.9	109	64-134	
ne	ug/L	20	18.8	94	70-130	
1,2-Dichloroethene	ug/L	20	20.0	100	68-127	
roethene	ug/L	20	20.9	104	70-130	
orofluoromethane	ug/L	20	21.3	106	65-135	
chloride	ug/L	20	18.4	92	68-131	
e (Total)	ug/L	60	58.0	97	70-130	
chlorobenzene-d4 (S)	%			98	70-130	
nofluorobenzene (S)	%			106	70-130	
ne-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE:	3817073						
		35607252005	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% 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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REPORT OF LABORATORY ANALYSIS

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Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

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						
		35607252004	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
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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REPORT OF LABORATORY ANALYSIS

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Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

SAMPLE DUPLICATE: 3817072						
		35607252004	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
Bromomethane	ug/L	8.1 U	8.1 U		4) 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		4)
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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Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

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

		Blank	Reporting			
Parameter	Units	Result	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	1				
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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						
		35607530008	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% 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

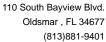
Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

SAMPLE DUPLICATE: 3819691						
		35607530007	Dup		Max	
Parameter	Units	Result	Result	RPD	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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Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

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

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

MATRIX SPIKE SAMPLE:	3821724	35607729006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% 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						
		35607729005	Dup		Max	
Parameter	Units	Result	Result	RPD	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	





Date: 02/03/2021 04:45 PM

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

	·	Blank	Reporting			
Parameter	Units	Result	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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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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QUALITY CONTROL DATA

Project: Metro Parkway
Pace Project No.: 35607727

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LABORATORY CONTROL SAMPLE:	3817616					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Naphthalene	ug/L		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												
			MS	MSD								
	3	5607727004	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
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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Date: 02/03/2021 04:45 PM

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

MATRIX SPIKE SAMPLE:	3819872	25027727004	Cailea	MC	MC	0/ Dan	
		35607727004	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% 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						
		35608132003	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
Petroleum Range Organics	mg/L	0.82 I	0.83 I		20)
N-Pentatriacontane (S)	%	89	85			
o-Terphenyl (S)	%	88	90			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



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

Date: 02/03/2021 04:45 PM

- 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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Metro Parkway
Pace Project No.: 35607727

Date: 02/03/2021 04:45 PM

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				

Section A

CHAIN-OF-CUSTODY / Analytical Request Doc The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be

Required Client Information:
Company: Tierra, Inc.
Address: 7351 Temple Terrace Highway Required Project Information:
Report To: Bair, Mike
Copy To: Section C
Invoice Information:
Attention: Company Name: Page: 오

1778		6511-13-078E				12	11	10	9	8	7	6 7	5	4	» ا	2	1 1	ITEM #	(0	- 51		sted Due		Email: mbair@tierraeng.com
100	A Parent	, b			ADDITIONAL COMMENTS						1MW-7	TMW-60	S. MM.S	TMW-4	MW-3	Mwa	MW-I	One Character per box. (A-Z, 0-9 / , -) Sample lds must be unique	SAMPLE ID				(813)766-8609 Fax	מיספחה רחש
				Bottle Kit													-	Wipe Wipe Air Olher Tissue	er te Water fuct Solid	MATRIX		Proj	Pro	Pin
	, 61	9	dimas	Coost of	RELINQUIS						.9)- =Z	长之	15 85	ج 3	77	A NA	1/2	MATRIX CODE (See valid coo	des to left)		Project #: (65/1-)	Project Name: Me	hasa Ordar#
SIGI	SAMPLE		Milliand France	PACE	RELINQUISHED BY I AFFILIATION											/		DATE TIME	START	COL		38 CO - 51 1150)	Metro Parkway	
SIGNATURE of SAMPLER:	SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER:		178/21		ON DATE						1/28/11/33	1/28/21/30	1/20/11/03H	1/20/2 0948	ths/ "kt/l,	Uzhlydeth.	1/20/2 135D	DATE TIME		COLLECTED				
LER:	NATURE			-	iii						3	6	6	10			6	SAMPLE TEMP A		ON		Pa	Pa Pa	D
Sound	4	۷.	15/0	0830	TIME													Unpreserved H2SO4 HNO3		P		Pace Profile #:	Pace Quote:	Don Ounto
Sould I wood			2) due	Sul!	ACCE													HCI NaOH Na2S2O3		Preservatives		-1 (BT	Ī	
I FOR			ξ.	Awel	ACCEPTED BY AFFILIATION													Methanol Other Analyses	Test	Y/N	-	EX) / 4 (Full List)		
DA:				12	FILIATIO					\Box	1	-	-	\$		2	-	8260 VOC full II			100	ist)		
DATE Signed:				STITE OF	N							5	3	5	1	7	$-\lambda$	PAH by 8270 SI	M (low vo		Requested	m,		
ed:				٥		-		-		-	_	1	1	1	7	1	1	FL Pro Low Vol PAH MS/MSD	ume					
1/28			1/36/21	1-18-21	DATE									1				FL PRO MS/MS	D		Analysis			l
				-	m .			_													Filtered (Y/N)	1000		
			1510	0330	TIME												_				(NI)	STATE OF STATE OF		100
TEMP in	С		9:1	Thes													4	Residual Chlorin	e (Y/N)	A P CU +		Stat		Kegu
Receive Ice (Y/N)	d on		<		SAMPLE													E.	,		77	State / Location		Regulatory Agency
Custody Sealed Cooler (Y/N)			2,		SAMPLE CONDITIONS																	n		эсу
Samples Intact (Y/N)			<		<i>"</i>						-											A HIGH		1

Ref.

MO#:35607727



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 #	MU# ·	3560//2	7	Date and Initials of person:
Project Manager:	PM: LAP	Due Date:	02/04/21	Examining contents; 2M
Client:	CLIENT: 3		/ UT/ ZI	Deliver:
				pH: 1/23/21
Thermometer Used:	203	Date: 1/28/2	Time: \	514 Initials: MVC
State of Origin: FL		□ For W p	rojects, all containers v	verified to ≤6 °C
Cooler #1 Temp. C 1. 6 (Visi			Tall	Samples on ice, cooling process has begu
Cooler #2 Temp.°C(Vis	ual)	(Correction Factor)	(Actual)	Samples on ice, cooling process has begu
Cooler #3 Temp. C(Vis	ual)	(Correction Factor)	(Actual)	Samples on ice, cooling process has begu
Cooler #4 Temp.°C(Vis	ual)	(Correction Factor)	(Actual)	Samples on ice, cooling process has begu
Cooler #5 Temp.°C(Visi	ual)	(Correction Factor)	(Actual)	Samples on ice, cooling process has begu
Cooler #6 Temp. C(Vis	ual)	(Correction Factor)	(Actual)	Samples on ice, cooling process has begu
	UPS USPS			Other
			mmercial Pac	
Shipping Method:	ngnt 🗀 Phonty	Overnight Standard	Overnight Gro	und 🔲 International Priority
Billing: ☐ Recipient	☐ Sender	—— ☐ Third Party	☐ Credit Card	☐ Unknown
Tracking #		,		
Custody Seal on Cooler/Box Pres	ent: □Yes	No Seals in	Yes DN	o Ice: Web Blue Dry None
_	1		tact: Yes N	o Ice: Web Blue Dry None
Packing Material: Bubble Wrap			ner	
Samples shorted to lab (If Yes, co	mplete)	Shorted Date:	Sh	norted Time: Qty:
			comments:	
Chain of Custody Present		NYes □ No □N/A	5 7	
Chain of Custody Filled Out		Y☐Yes ☐ No ☐N/A		6
Relinquished Signature & Sampler N	lame COC	Yes □ No □N/A		
Samples Arrived within Hold Time		Yes □ No □N/A	73	
Rush TAT requested on COC		□Yes □ No □N/A		
Sufficient Volume		Yes No No N/A		
Correct Containers Used		Yes □ No □N/A		
Containers Intact		QYes □ No □N/A		
Sample Labels match COC (sample IDs collection)	& date/time of	Yes □ No □N/A		
All containers needing acid/base preserv checked.	ation have been	NYes □ No □N/A	_	Preservation Information:
All Containers needing preservation are	found to be in	',	Preserva Lot #/Tra	ce#
compliance with EPA recommendation: Exceptions: VOA, Colife	TOC O!C Co	Yes □ No □N/A	Date: Initials:	Time:
Headspace in VOA Vials? (>6mm):	ini, 100, 0aG, Ca	□Yes No □N/A	illidais	-
Trip Blank Present:		□Yes □ No □N/A		
Client Notification/ Resolution:		\		
Person Contacted:			Date/Time:	
.			Taken	(-(1-1)-2
Comments/ Resolution (use back	for additional co	mments): KWQ	1 aren	of TMW-2
Project Manager Review:		1	*	Date: