## SCS ENGINEERS

## TRANSMITTAL

Attn: Organizati	panization: Department of Regulatory and Economic Resources Environmental Resources Management		Date: From:	6/10/2015 Brittney Odom				
Address:	701 NW 1 <sup>st</sup> Cou Miami, Florida 3		Sent via: Tracking No:	FedEx N/A				
Phone:			Project No:	09213010.44				
Re:	Douglas Park – Assessment Re							
	l enclosed the follow							
Copies	Dated							
1	6-9-2015	Gloundwater Assess	ment Report (one	paper, one CD)				
These are	transmitted:							
☐For approval ☐Approved ☐Approved ☐Approved			s submitted s noted r corrections	☐Other:				
Remarks:								
Received b	oy:							
Distributio	n:							

If enclosures are not as indicated, please notify us immediately.

#### SCS ENGINEERS

June 9, 2015 File No. 09213010.44

Mr. Wilbur Mayorga, P.E., Chief Department of Regulatory and Economic Resources Division of Environmental Resources Management 701 Northwest 1<sup>st</sup> Court, 4<sup>th</sup> Floor Miami, Florida 33136

Re: Douglas Park (HWR-773)

2795 SW 37<sup>th</sup> Avenue Miami, Florida

**Subject:** Groundwater Assessment Report

Dear Mr. Mayorga:

SCS Engineers (SCS), on behalf of the City of Miami (the City), submits this Groundwater Assessment Report for the above referenced site (the Site) to the Department of Regulatory and Economic Resources, Division of Environmental Resource Management (DERM). A site map is provided as **Figure 1**. This report addresses comment #3 of the DERM letter dated August 5, 2014 (**Attachment 1**). This report provides a summary of groundwater sampling and well installation activities.

#### GROUNDWATER QUALITY ASSESSMENT

#### GROUNDWATER ELEVATION

On May 12, 2015, SCS recorded depth-to-water (DTW) measurements from monitoring wells MW-1 through MW-5 to determine groundwater elevation. The elevations were used to calculate the groundwater flow direction, interpreted towards the south-southwest with a horizontal hydraulic gradient of 0.002 feet per foot.

Monitoring well construction details, top-of-casing (TOC) elevation data and depth to water measurements are summarized in **Table 1**. Groundwater elevations and the interpreted groundwater flow direction are provided in **Figure 2**.

#### GROUNDWATER SAMPLING

In response to the DERM letter dated August 5, 2014, URS resampled MW-2 and submitted the report "Monitoring well MW-2 resampling results", dated March 25, 2015. Based on the results of the URS report, SCS installed two additional wells (MW-4 and MW-5) located in the southwest region of the Site for delineation (refer to **Attachment 2** for copies of the monitoring

Mr. Wilbur Mayorga June 9, 2015 Page 2

well construction and development logs and soil boring logs and **Attachment 3** for the Investigation Derived Waste Disposal Manifest).

On April 6, 2015, SCS collected groundwater samples from monitoring wells MW-4 and MW-5 (refer to **Attachment 4** for copies of the groundwater sampling and calibration logs). Field activities were conducted in accordance with the FDEP Quality Assurance Rule 62-160, FAC. Samples were submitted to Pace Analytical, Inc., a NELAP- accredited laboratory for the analysis of Iron via EPA Method 6010.

#### ANALYTICAL RESULTS

A summary of groundwater analytical results is provided in **Table 2** and depicted on **Figure 3**. Laboratory analytical reports and chain-of-custody records are provided in **Attachment 5**. Analytical results were compared to groundwater cleanup target levels (GCTLs) promulgated in Chapter 62-780, FAC.

Concentrations of Iron were reported above the Miami-Dade Background Concentration of Iron in Groundwater in monitoring wells MW-2, MW-4, and MW-5.

#### CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this assessment, SCS recommends additional assessment of monitoring wells MW-2, MW-4, and MW-5 for Iron.

Please contact the undersigned with any questions or comments.

Respectfully Submitted,

Brittney Odom Project Professional

SCS ENGINEERS

SCS ENGPNEERS

Mr. Wilbur Mayorga June 9, 2015 Page 3

#### Enclosures

**Figure 1** – Site Plan

**Figure 2** – Groundwater Elevation Map

Figure 3 – Groundwater Analytical Summary Map

**Table 1** – Monitoring Well Construction Details

**Table 2** – Groundwater Analytical Summary

**Attachment 1** – Regulatory Correspondence

**Attachment 2** – Monitoring Well Construction and Development Logs and Soil Boring Logs

**Attachment 3 -** Investigation Derived Waste Disposal Manifest

**Attachment 4** – Groundwater Sampling and Calibration Logs

**Attachment 5** – Laboratory Analytical Reports, Sample Chain of Custody

## **FIGURES**







## **TABLES**

# Table 1: GROUNDWATER ELEVATION SUMMARY Douglas Park (HWR-773)

WELL NUMBER	MV	V-1	MW-2		MW-3		MW-4		MW-5	
DIAMETER. (in.)	2		2	2	2		2		2	
WELL DEPTH (ft)	3	3	2	.0	2	0	1	7	1	7
SCREEN INTERVAL (ft)	28	-33	10	-20	10	-20	7-	17	7-	17
TOC ELEVATION (ft)	9.48		10.16		10.59		8.	29	7.	82
5475	EL EV	DTW	EL EV	DTW	ELEV	DTW	EL EV	DTW	EL EV	DTM
DATE	ELEV	DTW								
5/12/2015	0.31	9.17	0.28	9.88	0.77	9.82	0.29	8.00	0.31	7.51

#### Notes:

- 1. TOC Top of Casing
- 2. TOC Elevations reference NGVD29 (National Geodetic Vertical Datum of 1929)
- 3. Depth to water referenced from the north side top of the monitoring well casings

#### TABLE 2: GROUNDWATER ANALYTICAL SUMMARY DOUGLAS PARK (HWR-773)

Sample			
Sample Location/ Sample ID	Date Collected	Arsenic	Iron
		(μg/L)	(μg/L)
Groundwater Cleanup Target Le	evels	10	300/706*
IW-1	4/25/2014**	5.0 U	850
MW-1	4/24/2014**	7.0 I	342
MW-2	4/24/2014**	17.4	7290
10100-2	3/17/2015**	5.2 l	29700
MW-3	4/24/2014**	5.0 U	174
MW-4	4/6/2015	NS	4470
MW-5	4/6/2015	NS	2180

#### Notes -

μg/L - micrograms per liter

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

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

- \* Miami-Dade County Background Concentrations of Iron in Groundwater memorandum dated December 8, 2005
- \*\* Samples collected by URS Corporation
- U Not detected at the laboratory method detection limit (MDL)
- I Estimated value, the reported value is between the MDL and the practical quantitaion limit (PQL)

Bold - Indicates an exceedance of the applicable GCTL

NS = Not Sampled

# ATTACHMENT 1 REGULATORY CORRESPONDENCE



#### **Department of Regulatory and Economic Resources**

Environmental Resources Management 701 NW 1st Court, 4th Floor Miami, Florida 33136-3912 T 305-372-6700 F 305-372-6982

miamidade.gov

April 17, 2015

Certified Mail No. 7013 2630 0001 2418 0574 Return Receipt Requested

Alice Bravo, P.E., Deputy City Manager Office of the City Manager City of Miami 444 SW 2<sup>nd</sup> Ave Miami, FL 33130

Re: Monitoring Well MW-2 Resampling Results Report dated March 25, 2015, prepared by URS Corporation for the Notice of Violation dated November 21, 2013 for the City of Miami, Douglas Park, (HWR-773) located at, near, or in the vicinity of 2795 SW 37<sup>th</sup> Avenue, Miami, Miami-Dade County, Florida.

Dear Ms. Bravo:

The Miami-Dade County Department of Regulatory & Economic Resources, Division of Environmental Resources Management (DERM) has reviewed the above referenced document received via email on March 26, 2015, and offers the following comments:

- Groundwater levels of Iron in monitoring well MW-2 exceed the Miami-Dade County Background Concentration for this parameter. Therefore, these groundwater levels shall be delineated.
- 2. Be advised that the Site Assessment Report Addendum (SARA) and the Corrective Action Plan (CAP) requested in DERM's letter dated August 5, 2014 (attached) are overdue.

Be advised that the vertical and horizontal extent of the contaminant plume(s) must be fully delineated. DERM has the option to split any samples deemed necessary with the consultant or laboratory at the subject site. The consultant collecting the samples must perform field sampling work in accordance with the Standard Operating Procedures provided in Chapter 62-160, Florida Administrative Code (FAC), as amended. The laboratory analyzing the samples must perform laboratory analyses pursuant to the National Environmental Laboratory Accreditation Program (NELAP) certification requirements. If the data submitted exhibits a substantial variance from the DERM split sample analysis, a complete re-sampling using two independent certified laboratories will be required.

DERM shall be notified in writing a minimum of three (3) working days prior to the implementation of the referenced plan. Email notifications shall be directed to DERMPCD@miamidade.gov. Please include the DERM file number on all correspondence.

Therefore, within sixty (60) days of receipt of this letter, you are hereby required to submit to DERM for review two copies of a Site Assessment Report Addendum (SARA), one paper and one electronic PDF on CD, prepared in accordance with Section 24-44 (2), Code of Miami-Dade County that must address comment No. 1 above.

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Alice Bravo, Deputy City Manager City of Miami, Douglas Park HWR-773 April 17, 2015 Page 2 of 2

Failure to adhere to the items and timeframes stipulated above may result in enforcement action for this site.

If you have any questions regarding this letter, please contact Alicia Felipe of the Pollution Remediation Section at felipa@miamidade.gov, or (305) 372-6700, or at the letterhead address.

Sincerely

Wilbur Mayorga, P.E., Chief

Environmental Monitoring & Restoration Division

WM/af

Attachment: DERM letter dated August 5, 2014

pc: Vivek Kamath, P.E., URS (vik.kamath@aecom.com)

Brittney Odom, SCS (bodom@scsengineers.com)

Harry James, City of Miami Public Works (hjames@miamigov.com)

Jeovanny Rodriguez, City of Miami Capital Improvements

(jeovannyrodriguez@miamigov.com)

Samir Elmir, Florida Dept. of Health (samir.elmir@flhealth.gov)

John Andersen, DERM Lee Hefty, Director, DERM





Department of Regulatory and Economic Resources

**Environmental Resources Management** 701 NW 1st Court, 4th Floor Miami, Florida 33136-3912 T 305-372-6700 F 305-372-6982

miamidade.gov

August 5, 2014

Alice Bravo, P.E., Deputy City Manager Office of the City Manager City of Miami 444 SW 2nd Ave Miami, FL 33130

Certified Mail No. 7013 2630 0001 2418 9393 Return Receipt Requested

Re: Site Assessment Report (SAR) dated July 10, 2014, prepared by URS Corporation for the Notice of Violation dated November 21, 2013 for the City of Miami, Douglas Park, (HWR-773) located at, near, or in the vicinity of 2795 SW 37th Avenue, Miami, Miami-Dade County, Florida.

Dear Ms. Bravo:

The Miami-Dade County Department of Regulatory & Economic Resources, Division of Environmental Resources Management (DERM) has reviewed the above referenced document received July 11, 2014, and offers the following comments:

- 1. Onsite assessment of solid waste and contaminants of concern in soil is sufficient to develop and implement an onsite Corrective Action Plan (CAP). Provide updated soil cover contour maps that include tabular data adjacent to each point showing the solid waste thickness (i.e., 0-6 inches-no solid waste; 6-24 inches - 10% solid waste (glass, tiles, etc.); 2 feet to 20 feet - 80% solid waste, etc.)
- 2. Be advised that additional offsite solid waste delineation is required pursuant to the DERM review letter dated February 19, 2014 (attached). Additionally, horizontal and vertical delineation of documented soil contamination near the property boundaries is required offsite pursuant to the DERM review letter dated November 21, 2013 (attached). All remaining assessment data shall be presented in the Site Assessment Report Addendum required below. Also, provide all City of Miami correspondence documenting efforts to notify offsite property owners of ongoing assessment and acquisition of offsite site access agreements and copy DERM on all future correspondence.
- 3. DERM concurs with the conversion of MW-2 to a permanent monitoring well. Resample this well for all contaminants of concern previously sampled for. Do not abandon the remaining groundwater monitoring wells at this time. Be advised, based on the results of the resampling additional assessment may be required.
- 4. Do not abandon the methane monitoring probes at this time.

Be advised that the vertical and horizontal extent of the contaminant plume(s) must be fully delineated. DERM has the option to split any samples deemed necessary with the consultant or laboratory at the subject site. The consultant collecting the samples must perform field sampling work in accordance with the Standard Operating Procedures provided in Chapter 62-160, Florida Administrative Code (FAC), as amended. The laboratory analyzing the samples must perform laboratory analyses pursuant to the National Environmental Laboratory

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Alice Bravo, Deputy City Manager City of Miami, Douglas Park HWR-773 August 5, 2014 Page 2 of 2

Accreditation Program (NELAP) certification requirements. If the data submitted exhibits a substantial variance from the DERM split sample analysis, a complete re-sampling using two independent certified laboratories will be required.

DERM shall be notified in writing a minimum of three (3) working days prior to the implementation of the referenced plan. Email notifications shall be directed to DERMPCD@miamidade.gov. Please include the DERM file number on all correspondence.

Therefore, within sixty (60) days of receipt of this letter, you are hereby required to submit to DERM for review two copies of a Site Assessment Report Addendum (SARA) and Corrective Action Plan (CAP), one paper and one electronic PDF on CD, prepared in accordance with Section 24-44 (2), Code of Miami-Dade County that must address the above comments.

Failure to adhere to the items and timeframes stipulated above may result in enforcement action for this site.

If you have any questions regarding this letter, please contact Rob Graessel of the Environmental Assessment Section at graesr@miamidade.gov, or (305) 372-6700, or at the letterhead address.

Sincerely

Wilbur Mayorga, P.E., Chief

**Environmental Monitoring & Restoration Division** 

WM/ra

Attachments: DERM letters of February 19, 2014 & November 21, 2013

pc: Harry James, City of Miami Public Works (hjames@miamigov.com)
Jeovanny Rodriguez, City of Miami Capital Improvements (jeovannyrodriguez@miamigov.com)
Samir Elmir, Florida Dept. of Health (samir.elmir@flhealth.gov)
Lee Hefty, Director, DERM

#### ATTACHMENT 2

WELL CONSTRUCTION AND DEVELOPMENT LOGS AND SOIL BORING LOGS

#### WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA

Well Number: Site Name:	. 0 :	F	FDEP Facility I.D. Numb				
	rlus Park			2-Apr - 2015 Well Install Method:			
Well Location and Type (check appropriate boxes):		erched Monito	•	Well Install Method:			
On-Site Right-of-Way	[ 14 ( mile)		-Table ) Monitoring	Holland Street Aug			
Off-Site Private Property			Deep Monitoring	Hollow Stem Augo Surface Casing Install Method:			
☐ Above Grade (AG) ☐ Flush-to-Grade		emediation or	Other (describe)	Juriace Casing install Method:			
If AG, list feet of riser above land surface:	D:	I'	V.11 p. 10'	NA			
Borehole Depth (feet): 17, 5 (feet): 17 (inches):	Diameter Manhole Diam	neter V	Well Pad Size:	by <u>1.5</u> feet			
Riser Diameter and Material: Riser/Screen	Flush-Threaded		Riser Length: 7				
Sano. 40 PVC Connections:	Other (describe)		from O feet to 7 feet				
Screen Diameter and Material:	Screen Slot Size:	S	Screen Length:	feet			
Sch. 40 Slotted PVC	0.01		from 7	feet to <u>17</u> feet			
1 <sup>st</sup> Surface Casing Material:	1 <sup>st</sup> Surface Casing I.D.	(inches):	Ist Surface Casing Length				
also check: Permanent Temporary			from	feet tofeet			
2 <sup>nd</sup> Surface Casing Material:	2 <sup>nd</sup> Surface Casing I.D.	(inches): 2	2 <sup>nd</sup> Surface Casing Lengt				
also check: Permanent Temporary				feet tofeet			
3 <sup>rd</sup> Surface Casing Material:	3 <sup>rd</sup> Surface Casing I.D.	(inches): 3	3 <sup>rd</sup> Surface Casing Lengtl	h: feet			
also check: Permanent Temporary			from Filter Pack Length:	feet tofeet			
Filter Pack Material and Size: Prepacked Filter A		F					
20/30 silica Sud T Yes	No		from	feet tofeet			
Filter Pack Seal Material and		F	Filter Pack Seal Length:	feet			
Size: fue graved Send			from <u>5</u>	feet tofeet			
Surface Seal Material:		S	Surface Seal Length:	feet			
Goul			from <u>3</u>	feet to feet			
	WELL DEVELOP						
	relopment Method (check	one):	Surge/Pu	Pump			
PIPI	her (describe)						
Development Pump Type (check): Centrifug	al Peristaltic D	epth to Grou	ndwater (before develop	ing in feet):			
Submersible Other (describe)				8.5			
1011000000000	aximum Drawdown of Gro		·	Dry (check one):			
	evelopment (feet):	9.25	Yes	₩No			
Pumping Condition (check one): Total Develop	_	Development I		Water Drummed			
Continuous		17.	(check one):	Yes No			
Water Appearance (color and odor) At Start of Dev	elopment:		ance (color and odor) At	End of Development:			
Ton Cloudy, No Odor		Clear	No odor				
3							

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

DTW after development = 8.45

#### **BORING LOG**

Page 1 of Boring/Well Number: Permit Number: FDEP Facility Identification Number: MW-Site Name: Borehole Start Date: Borehole Start Time: 9:55 Donalas End Time: 10:00 End Date: Environmental Contractor Geologist's Name: Environmental Technician's Name: SCS Pavement Thickness (inches): Drilling Company: Borehole Diameter (inches): Borehole Depth (feet): Drilling Method(s): Apparent Borehole DTW (in feet Measured Well DTW (in feet after OVA (list model and check type): water recharges in well): 6.5 from soil moisture content): FID T PID Drum | Spread Disposition of Drill Cuttings [check method(s)]: Backfill (describe if other or multiple items are checked): Well Grout Grout | Bentonite ☐ Backfill Other (describe) Borehole Completion (check one): Lab Soil and Sample Recovery (inches) Moisture Content Sample Depth Interval (feet) Unfiltered OVA (per six inches) Sample Type Filtered OVA **USCS Symbo** Groundwater 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) 0-6" Dark brown sondy topesil 0.5 t 1.5 6" - 6 Grey Median to fine gravel said w/ LS frags 2.5 and I proce of glass 3 6-7 seed Gray u. + grand sound w/ concrete frings 3.5 1)64 5 6 8-14- Grey mit ar soud w/ LS trags 7.5 8 Water table @ 8ft Boring Jermanated 9 9.5 10 10.5 11 11.5 12

#### WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA									
	Name:	raplas Park		FDEP Faci	lity I.D. Number		ll Install		
MW-5		-0			т.	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-Api	205	
Well Location and Type (check appropriate ☐ Right	priate boxes): t-of-Way		Perched Moni	_			tall Meth		
Off-Site Private Property	t-or- way		Shallow (Wate Intermediate (		nitoring	Hollow	Stew	Auger estall Method:	
☐ Above Grade (AG)	n-to-Grade			or Other (describe) Surfa			Casing In	stall Method:	
If AG, list feet of riser above land surface	:	*********					WIA		
Borehole Depth Well Depth		ole Diameter Manhole Dia	1 -	Well Pad S					
(MATOCAL)	(A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	s): 44 (inches):	8	<u>/.5</u> feet by <u>/.5</u> feet					
Riser Diameter and Material:	Riser/Scree	,		Riser Leng	th:fe	eet			
Sch. 40 PUC	Connection	) Other (describe)			from			feet	
Screen Diameter and Material:		Screen Slot Size:		l	gth: 10 fe				
Sch 40 Slotted Pu	<u> </u>	0.01			from 7	feet to	17	feet	
1st Surface Casing Material:		1 <sup>st</sup> Surface Casing I.I	D. (inches):	1st Surface	Casing Length:		feet		
also check: Permanent [	Tempora	гу			from	feet to		feet	
2 <sup>nd</sup> Surface Casing Material:		2 <sup>nd</sup> Surface Casing I.I	D. (inches):	2 <sup>nd</sup> Surface	Casing Length:		feet		
also check: Permanent [	Тетрога	ry		l	from			feet	
3 <sup>rd</sup> Surface Casing Material:		3 <sup>rd</sup> Surface Casing I.I	D. (inches):	3 <sup>rd</sup> Surface	Casing Length:	_	feet		
also check: Permanent T	Temporar	у			from	feet to		feet	
· · · · · · · · · · · · · · · · · · ·	acked Filter	Around Screen (check one	e):	Filter Pack		_1.	feet		
	Yes	No No			from <u>17</u>	feet to	5	feet	
Filter Pack Seal Material and				Filter Pack	Seal Length:	_	feet		
Size: Fine grained by	and				from	feet to	<u>3</u>	feet	
Surface Seal Material:				Surface Sea	_		feet		
Gront					from <u>3</u>	feet to	_0	feet	
								-	
		WELL DEVELO		DATA					
Well Development Date:		Development Method (chec	k one):	Surge/	Pu 🔀 Pu	ımp	☐ Com	pressed Air	
2-Apr-2015		Other (describe)	D 4 . 6	1			`		
Development Pump Type (check):  Submersible Other (describe	Centrit	fugal Peristaltic	Depth to Gro	undwater (b	efore developin	g in feet	S):	5	
Pumping Rate (gallons per minute):		Maximum Drawdown of C	L Groundwater Γ	During	Well Purged Dr	ry (checi		_	
3.7		Development (feet):	₹.30	-	⊤ Yes	. J (OHOO)	No		
Pumping Condition (check one):		lopment Water	Development Duration Development Water Drummed						
Continuous Intermittent	Removed (	gallons): 55	(minutes):						
Water Appearance (color and odor)	At Start of D	evelopment:	Water Appearance (color and odor) At End of Development:						
Tur Cloudy, No	oder		Clear, No Odor						
1			·						

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

DTW suffer Development = 8.21

#### **BORING LOG**

Page 1 of Boring/Well Number: Permit Number: FDEP Facility Identification Number: MW-45 Borehole Start Date: 2- Apr. 2015 Borehole Start Time: 11:40 AM PM Douglas Park
Environmental Contractor: AM PM End Date: 2 - Apr - 2015 End Time: Geologist's Name: Environmental Technician's Name: SCS Engineers Kunivez Drilling Company: Pavement Thickness (inches): Borehole Diameter (inches): Borehole Depth (feet): JAEE Drilling Method(s): Apparent Borehole DTW (in feet Measured Well DTW (in feet after OVA (list model and check type): Direct Push from soil moisture content): NA water recharges in well): NA FID PID Drum Spread Disposition of Drill Cuttings [check method(s)]: ■ Backfill (describe if other or multiple items are checked): Grout **K** Well Borehole Completion (check one): **Bentonite** Backfill Other (describe) Sample Recovery (inches) Lab Soil and Moisture Content Sample Depth Interval (feet) Unfiltered OVA USCS Symbo Sample Type per six inches Filtered OVA SPT Blows Depth (feet) Groundwater 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) 0-1 Dark brown M.F 1-1.5 Gray/Tan M- & gr Sound w/ L5 frags 1.5-2 Brown, M-F gr swed w/ 15 frags Dark brown u-t
CGT SUND W/ L'S Frags
and preces of shingles
throughout

# ATTACHMENT 3 INVESTIGATION DERIVED WASTE DISPOSAL MANIFEST

Chemtrec

NON-HAZARI	oous	1. Generator	ID Number		2. Page 1 of	3. Emergen	cy Response Ph	one	4. Waste Tra	cking Numl	0049350	)
WASTE MAN	FEST				L		800-424-9		n mailing addres			-
. Generator's Nam	e and Maili	CI 27 Mi	TY OF MIAMI - D 195 SW 37TH AVI IAMI			Generators	Site Address (ii	amerent ma	III Mailing address			
Generator's Phone	mnany Mar	FL me	. 33133						U.S. EPA ID N			
6. Transporter 1 Co		me <b>Ronment</b>	u INC			8	63-425-4884				4206003	
7. Transporter 2 Co			w. 111V.						U.S. EPA ID N			
8. Designated Faci							63-425-4884		U.S. EPA ID N		<b>14</b> 206003	
	PRAIRIE	RONMENTA E INDUSTRA	AL PKWY	3860				<del> ,</del>		ı-·		
I		me and Descrip	tion				10. Contain	Type	11. Total Quantity	12. Unit Wt./Vol.		
INE	UST	RIAL W	ASTE NON-	-REGULATE	D MATE	RIAL	001	DM	00055	G		
2. <b>INI</b>	OUST	RIAL W	ASTE NON	-REGULATE	D MAT	ERIAL	002	DM	00110	G		
3.												
4.												
13. Special Hand								T 611	NCED (	TNCE	PROFILED	<u> 2862 to</u>
Generator's/Offe	B. C. d. R'S/OFFEI labeled/pla	carded, and are d/Typed Name	e in all respects in prope	Broke KEVIN I hare that the contents of er condition for transport	NGINEERS Er Site CO RAMREZ this consignment according to ap	nt are fully an plicable inten			re by the proper smental regulation	shipping nar ns. 45 Ac	me, and are classified, package  Month Day  J 12	ed, Yea
15. Internationa Transporter Sig			Import to U.S.		Export fro	om U.S.		ntry/exit: ving U.S.:				
16. Transporter 1 F	Acknowled rinted/Type	ed Name	pt of Materials			Signature Signature					Month Day  Month Day	Ye
17. Discrepand 17a. Discrepand		on Space	Quantity	□ тур	ee		Residue	Number:		Rejection	Full Reject	tion
17b. Alternate Facility's Phon	e:					ivid	most Florerone		U.S. EPA	ID Number	Month Day	
Facility's Phon 17c. Signature	of Alternat	te Facility (or G	enerator)				<u></u> .					
. !							1. 1					
18. Designate	d Facility C	wner or Opera	tor: Certification of recei	pt of materials covered	by the manifest	except as no Signature	ted in Item 17a				Month Day	17
Printed/Typed			114 600			Jigilatule	X	H6	rabl	<u>e</u> _	105112	1

# ATTACHMENT 4 GROUNDWATER SAMPLING AND CALIBRATION LOGS

# Form FD 9000-24 GROUNDWATER SAMPLING LOG

SITE I	The second of th										
WELL NO:	MIM	1-4		SAMPLE		W-4			DATE: 4	1-6-	15
	, , , ,				PÚRG	ING DA	TA				
	(inches):		ER (inches):	/4 DEP		et to 17 f		WELL CAPACI	-19 OR B	GE PUMP TYF AILER:	PP PP
	IT VOLUME PU	JRGE: 1 EQU	= ( / IPMENT VOL.		feet - 7 JME + (TUB	ING CAPACI	feet) X	, /6 UBING LENGTH)	gallons/foot + FLOW CEL		gallons
(Offig fill Out	if applicable)			= ga	llons + (	gallo	ns/foot X	feet)	+	gallons =	gallons
	MP OR TUBINO WELL (feet):	12,7	FINAL PUM DEPTH IN V	P OR TUBING VELL (feet):	12.7	PURGIN INITIATE			1411	TOTAL VOLU PURGED (ga	IME Ilons): /, 64
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)		ODOR
1407	1,0	1,0	0.16		6.94	28,59	1049	0:37	1019	clean	rhone
1409	0.32	1.32	0.16			28.56		0.39	1.16	11	11
19 11	0.32	1.64	0.16	8,48	6.93	28,51	1052	0.40	1.14	11	11
WELL CAR	ACITY (Gallon:	e Por Footh: (	75" ~ 0.02	1" = 0.04;	<b>1.25"</b> = 0.06	5; <b>2</b> " = 0.1	6; <b>3</b> " = 0.37;	<b>4"</b> = 0.65;	5" = 1.02; €	6" = 1.47; 1	<b>2"</b> = 5.88
TUBING IN	SIDE DIA. CAF	PACITY (Gal./F	t.): <b>1/8"</b> = 0.0	0006; 3/16"	= 0.0014;	1/4" = 0.002	6; <b>5/16"</b> = 0	.004; 3/8" = 0	.006; 1/2"	= 0.010; 5	<b>/8"</b> = 0.016
PURGING I	EQUIPMENT C	ODES: B	= Bailer; E	BP = Bladder P			Submersible Pu	imp; PP = Pe	eristaltic Pump	; <b>O</b> = Oth	er (Specify)
SAMPLED	BY (PRINT) / A	FEILIATION:	, ,	SAMPUER(S)		LING DA	AIA	0444711110		CAMPI INC	
Davi		ninsky	1505	Mal	fur	elmo	W	SAMPLING INITIATED AT	:1412	SAMPLING ENDED AT	: 14/4
PUMP OR T	TUBING WELL (feet):	12.1		TUBING MATERIAL CO	DDE:	PE	/ 1	)-FILTERED: Y on Equipment Ty	ne:	FILTER SIZ	Έ: μm
	ONTAMINATIO	ON: PUM	<u></u>		TUBING	Y (N)re	eplaced)	DUPLICATE:	Y	(N)	
SAMF	LE CONTAINE		TION			RESERVATIO	N	INTENDE			SAMPLE PUMP
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATI USED		OTAL VOL D IN FIELD (	mL) FINAL	ANALYSIS AI METHO		UIPMENT CODE	FLOW RATE (mL per minute)
MW-4	I	PE	250ml	HN03	ADDL	DINTILLO	<b>4</b> 2	Fe	A	PP	~ 200
											•••
DEMARKS											
REMARKS:	NEWFORKS.										
MATERIAL	MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING	SAMPLING EQUIPMENT CODES:  APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; BFP = Blectric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

<sup>2.</sup> STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

# Form FD 9000-24 GROUNDWATER SAMPLING LOG

NAME: I											
WELL NO:	MW	,5	•	SAMPLE ID:	MI	N.5			DATE: 4,	6-1	5
						ING DA	TA	<del>-</del>			
WELL DIAMETER WELL VOL	(inches):	TUBING DIAMET	ER (inches):	74 DEPTH	: 7 fee		STATIC Deet TO WATE	ER (feet): 7,9 WELL CAPACI	5 OR BA	E PUMP TY ILER:	PE PP
(only fill out	if applicable)		= (1"	7,00 fee	et - 7	-93	feet) X	016	gailons/foot		15 gallons
	T VOLUME PU if applicable)	JRGE: 1 EQU	PMENT VOL.	= PUMP VOLUM = gallor	IE + (TUB ns + (		ry X Tu	JBING LENGTH) feet)		VOLUME gallons =	gallons
	INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12,5 PURGING INITIATED AT: 1425 PURGING ENDED AT: 1436 PURGED (gallons): 1,60										
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)		pH standard units)	TEMP. ( <sup>o</sup> C)	COND. (circle units) µmbes/cm or (µS/cm)	OXYGEN (circle units) (mg/L or % saturation	TURBIDITY (NTUs)	COLOF (describ	ODOR
1432	1.0	1.0	0.15		,96	27.55	896	0.34	4.86	clea	r none
1434	0.30	1.30	0.15		.97	27.51	394	0.33	4.83	11	11
19 36	1436 0.30 1.60 0.15 7.97 6.96 27.47 893 0.33 4.82 11 11										
	ACITY (Gallon: SIDE DIA. CAF				<b>25"</b> = 0.06	5; <b>2"</b> = 0.16 <b>1/4"</b> = 0.002					<b>12</b> " = 5.88 5/8" = 0.016
	QUIPMENT C			BP = Bladder Pum			Submersible Pu		ristaltic Pump;		her (Specify)
CAMBLES	DV (DDINE) I A	FEU IATION /				LING DA	TA	ř			
	Suchin		SC.S	SAMPLERIS SIC	LIN	ms.	IN	SAMPLING INITIATED AT	: 1437	SAMPLING ENDED A	
PUMP OR 1		12	.5	TUBING MATERIAL CODI		PF		-FILTERED: Y	ne:®	FILTER SI	ZE:μm
	ONTAMINATIO				UBING	Y Nre	placed)	DUPLICATE:	Υ Υ	N	
SAMP	LE CONTAINE	R SPECIFICA				ESERVATIO	N	INTENDE		APLING	SAMPLE PUMP
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED		OTAL VOL D IN FIELD (r	FINAL nL) pH	ANALYSIS AN METHOI		ODE	FLOW RATE (mL per minute)
MW.5	1	PE 3	250ml	4N03		0	42	Fe	A.	PP	2200
REMARKS:	REMARKS:										
	MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING	SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

<sup>2.</sup> STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

Page

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

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

(1#)955		Pass or Fail	0 3mg/l	<u>с</u> п <u>т</u>	С 0		Pass or Fail	+/- 5% F F F	<u>п</u>		<u>.</u> ц	Pass or Fail			<u></u>	<u>т</u> п.	es No
Meter # 757 556(#1)		Saturation mg/L (from chart)	Acceptance Criteria: +-0.3mg/l				Reading µmhos/cm	Acceptance Criteria: [363				Reading SU	Acceptance Criteria: +/ 7,08 4,13 9,93				Dissolved Oxygen Membrane Changed: Yes
		OO %	Acc.				Constant	Ac				Slope	Acce				Oxygen Mer
118	ok	Temp °c	29,07				Bottle #					Bottle #					Dissolved
Date: 4/6	in log book	mg/L	1.74				Lot #	18601				Lot #					ed? Yes No
the Mami & Date:		Probe Gain					Exp. Date	3/18/15				Exp. Date	4/20/16				Specific Conductance Probe Cleaned? Yes
Aue 1	For Date of Last Temperature Verification see	Probe Charge					Standard µmhos/cm	Ethi				Standard SU	7,0				Conductance
W 37	perature Ve	Time	1338				Time	1337				Time	1339				Specific
3 366	of Last Ten	Date	5119/14				Date	51/9/15				Date	4/6/15				
1	For Date	Initials	50				Initials	95				Initials	PS 05				
Triangle Hotel/27955	terly)	DEP SOP FT 1500					DEP SOP FT 1200					DEP SOP FT 1100					ly pH Slope:
Project/Site: Trian	Temperature (Quarterly)	Dissolved Oxygen	CAL ICV CCV	<u> </u>	25	CAL ICV CCV	Specific Conductance	CAL ICV CCV	20 3	<u>}</u>	CAL ICV CCV	Hd	CAL ICV CCV CAL ICV CCV CAL ICV CCV	200	200	CAL ICV CCV	Maintenance: Weekly pH Slope Notes:

Perform only in Calibrate Mode: Perform only in Run Mode: Perform only in Run Mode:

CAL - Calibrate - ICV - Initial Calibration Verification CCV - Continuing Calibration Verification

# ATTACHMENT 5 LABORATORY ANALYTICAL REPORT AND CHAIN OF CUSTODY





April 13, 2015

Brittney Odom SCS ES Consultants 7700 N Kendall Drive #607 Miami, FL 33156

RE: Project: 09213010.41/Douglas Park

Pace Project No.: 35182732

#### Dear Brittney Odom:

Enclosed are the analytical results for sample(s) received by the laboratory on April 07, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Christina Raschke

Christin Darable

christina.raschke@pacelabs.com

Project Manager

**Enclosures** 





ace Analytica

3610 Park Central Blvd N Pompano Beach, FL 33064 954-582-4300

#### **CERTIFICATIONS**

Project: 09213010.41/Douglas Park

Pace Project No.: 35182732

**Ormond Beach Certification IDs** 

8 East Tower Circle, Ormond Beach, FL 32174

Alabama Certification #: 41320 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

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074 Nebraska Certification: NE-OS-28-14 Nevada Certification: FL NELAC Reciprocity New Hampshire Certification #: 2958 New Jersey Certification #: FL765 New York Certification #: 11608

North Carolina Environmental Certificate #: 667 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

Washington Certification #: C955 West Virginia Certification #: 9962C Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity





#### **SAMPLE SUMMARY**

Project: 09213010.41/Douglas Park

Pace Project No.: 35182732

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35182732001	MW-4	Water	04/06/15 14:14	04/07/15 23:20
35182732002	MW-5	Water	04/06/15 14:39	04/07/15 23:20



#### **SAMPLE ANALYTE COUNT**

Project: 09213010.41/Douglas Park

Pace Project No.: 35182732

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35182732001	MW-4	EPA 6010	CKJ	1	PASI-O
35182732002	MW-5	EPA 6010	CKJ	1	PASI-O



#### **PROJECT NARRATIVE**

Project: 09213010.41/Douglas Park

Pace Project No.: 35182732

Method: EPA 6010
Description: 6010 MET ICP

Client: SCS ES Consultants, Inc.

**Date:** April 13, 2015

#### **General Information:**

2 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

#### **Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

#### Sample Preparation:

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

#### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

#### **Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

#### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

#### **Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

#### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

#### **Additional Comments:**

This data package has been reviewed for quality and completeness and is approved for release.



#### **ANALYTICAL RESULTS**

Project: 09213010.41/Douglas Park

Pace Project No.: 35182732

Date: 04/13/2015 12:05 PM

Sample: MW-4 Lab ID: 35182732001 Collected: 04/06/15 14:14 Received: 04/07/15 23:20 Matrix: Water

Parameters Results Units PQL MDL DF Prepared Analyzed CAS No. Qual

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010

Iron 4470 ug/L 40.0 20.0 1 04/10/15 15:30 04/11/15 20:12 7439-89-6



#### **ANALYTICAL RESULTS**

Project: 09213010.41/Douglas Park

Pace Project No.: 35182732

Date: 04/13/2015 12:05 PM

Sample: MW-5 Lab ID: 35182732002 Collected: 04/06/15 14:39 Received: 04/07/15 23:20 Matrix: Water

Parameters Results Units PQL MDL DF Prepared Analyzed CAS No. Qual

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010

Iron 2180 ug/L 40.0 20.0 1 04/10/15 15:30 04/11/15 20:16 7439-89-6



#### **QUALITY CONTROL DATA**

Project: 09213010.41/Douglas Park

Pace Project No.: 35182732

Date: 04/13/2015 12:05 PM

QC Batch: MPRP/23527 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET

Associated Lab Samples: 35182732001, 35182732002

METHOD BLANK: 1180221 Matrix: Water

Associated Lab Samples: 35182732001, 35182732002

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Iron ug/L 20.0 U 40.0 04/11/15 16:13

LABORATORY CONTROL SAMPLE: 1180222

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Iron ug/L 2500 2410 96 80-120

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1180927 1180928

MS MSD

35182732002 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits RPD RPD Qual 2500 75-125 3 20 Iron ug/L 2180 2500 4610 4480 97 92

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: 09213010.41/Douglas Park

Pace Project No.: 35182732

#### **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.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

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.

#### **LABORATORIES**

PASI-O Pace Analytical Services - Ormond Beach

#### **ANALYTE QUALIFIERS**

Date: 04/13/2015 12:05 PM

U Compound was analyzed for but not detected.



#### **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 09213010.41/Douglas Park

Pace Project No.: 35182732

Date: 04/13/2015 12:05 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35182732001	MW-4	EPA 3010	MPRP/23527	EPA 6010	ICP/14383
35182732002	MW-5	EPA 3010	MPRP/23527	EPA 6010	ICP/14383

State / Location WO#: 35182732 Pace Quote:
Pace Project Manager: christina.raschke@pacelabs.com.
Pace Profile #: -120-2 Address: 7700 N Kendall Drive, Suite 300 Attention: Brittney Odom Company Name: SCS Engineers Invoice Information: CHAIN-C
The Chain-of-Project Name: Douglas Park Project #: 09213010.41 Required Project Information: Report To: Brittney Odom Purchase Order #: 484 Copy To: SCS Engineers 7700 N Kendall Drive, Suite 300 Email: bodom@scsengineers.com Required Client Information: NON Requested Due Date: Miami, FL 33156 Company:

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(N/A) ntact Samples SAMPLE CONDITIONS (N/A) Cooler 2 belses Custody (N/A) Received on -)3 Residual Chlorine (Y/N) TEMP in C 3330 TIME DATE DATE Signed: OFD- (Va. Ba. Pb. Cu. Sb) Analyses Test N/A Methanol Na2S2O3 HOEN HCI коин H2SO4 TIME Unpreserved # OF CONTAINERS SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: SIGNATURE of SAMPLER: SAMPLE TEMP AT COLLECTION DATE 41414 TIME END DATE COLLECTED RELINQUISHED BY / AFFILIATION TIME START DATE SAMPLE TYPE (G=GRAB C=COMP) MATRIX CODE (see valid codes to left) CODE DW WY WP OL OL TS MATRIX
Drinking Water
Water
Waste Water
Product
Soul/Solid
Oil
Wipe
Air
Other
Tissue SAMPLE ID
One Character per box.
(A-Z, 0-9 1, -)
Sample Ids must be unique ADDITIONAL COMMENTS MW-4 MW-5 Page 11 of 12 10 12 # M3TI 9 œ 6 1



Extra Sample in Shed:

Yes

No

# Document Name: Sample Condition Upon Receipt Form Document No.: F-FL-C-007 rev, 06

Document Revised: August 11, 2014 Issuing Authority: Pace Florida Quality Office

## Sample Condition Upon Receipt Form (SCUR)

Table Number:

Client Name:	SCS Project # 35182732
Courier: Fed Ex UPS USPS Client Con	imercial T. Pace T. Other
Tracking #	Imercial LI Pace LI Other
Custody Seal on Cooler/Box Present:  yes  no	Seals intact: Tives Man
Packing Material: Bubble Wrap Bubble Bags	Seals intact: Liyes Ino Date and Initials of person examining contents:
12	
Cort	rection Factor) (Actual) (Temp should be above freezing to 6°C). If below 0°C, the sample frozen?
Receipt of samples satisfactory:	□Yes ⊅No
Receipt of samples satisfactory:  If yes, then all conditions below were met:	ituori i Ari requested off COC;
Chain of Custody Present	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Filled Out Relinquished Signature & Sampler Name COC	
Samples Arrived within Hold Time	
TRY WELL STORY - WILL	
Sufficient Volume	
Correct Containers Used	
Containers Intact	
ample Labele metals 000 (c)	
ample Labels match COC (sample IDs & date/time of collection	No Labels: No Time/Date on Labels:
All containers needing preservation are found to be in compliance with EPA recommendation.	
lo Headspace in VOA Vials (>6mm):	
The second secon	
lient Notification/ Resolution:	
Person Contacted:	Date/Time:
and the control of th	
	NAME AND ADDRESS OF THE PARTY O
the contract of the contract o	
and the state of t	
Project Manager Review:	
COMMITTEE TO THE PROPERTY OF T	Date:
Finished Produ	ct Information Only
P. Sample ID:	
	Size & Qty of Bottles Received  x 5 Gal
oduction Code:	X 2.5 Gal
te/Time Opened:	x 1 Gal
imbay of Indoon of Deluces	x 1_Liter x 500 mL
mber of Unopened Bottles Remaining:	x 250 mL Page