



*Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net*

Mark Ashton
Greater Pine Island Water Assn, Inc
5281 Pine Island Road
Bokeelia, FL 33922
TEL: (239) 283-1072
FAX:

RE: UCMR5 Sampling & Analyses

Order No.: 2401561

Dear Mark Ashton:

Sanders Laboratories, Inc received 2 sample(s) on 1/17/2024 for the analyses presented in the following report.

These results only pertain to the samples as received. These pages may include, but are not limited to: Analytical Data, Chains of Custodies, Subcontracted Data and Case Narratives for samples. Results relate only to the samples in the report.

Reports are archived for a minimum of 5 years. Copies of reports are available for a fee of \$50.00. Copies will be provided within 2 weeks of the time of the request.
Laboratory PQL's are available upon request.

Test results meet all the requirements of the NELAP standards, unless otherwise noted.
SL 001= Nokomis Certificate # E84380 1050 Endeavor Court Nokomis Fl 34275. SL002= Fort Myers Certificate # E85457 10090 Bavaria Road Fort Myers Fl 33913

A statement of estimated uncertainty of results is available upon request.
Laboratory report shall not be reproduced except in full, without the written approval of Sanders Laboratories.

Sanders Laboratories follows DEP standard operating procedures for field sampling, unless otherwise noted.

A handwritten signature in blue ink, appearing to read "Katie", with a stylized flourish extending from the end.

Katie Strothman
Laboratory Director



*Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net*

Definition Only

WO#: 2401561
Date:

Definitions:

B: Results based upon colony counts outside the acceptable range.

G: Sample value indicates that the analyte was detected at or above the method detection limit in both the sample and the associated field blank, equipment blank, or trip blank, and the blank value was greater than 10% of the associated sample value. The value in the blank shall not be subtracted from associated samples. Also if the RPD on a field duplicate exceeds allowable control limit.

I: The reported value is greater than or equal to the laboratory MDL but less than the laboratory PQL.

J: Estimated Value. Lab QC not in range.

J7: Excessive amounts of Sodium Sulfite used to dechlorinate the sample due to high levels of chlorine present.

K: Off scale low, actual value is known to be less than the value given.

L: Off scale high, actual value is known to be greater than the value given.

S: Final DO reading is less than 1 mg/l and the difference between initial and final DO is not at least 2 mg/l or if seed dilutions have wide variance per mL seed (30%).

NC: Not Certified. Parameter was ran but is not covered under laboratory accredited scopes.

Q: Sample held beyond acceptable holding time.

U: The compound was analyzed for, but not detected.

V: Indicates that the analyte was detected at or above the MDL in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Y: The laboratory analysis was from an improperly preserved sample.

Z: MF: Too many colonies were present for accurate counting. MPN: All wells were positive. Results maybe higher than reported.

**DEP Form FD 9000-24:
SAMPLING LOG**

SITE NAME: GRIPA	SITE LOCATION: WML-5	DATE: 7/17/24
WELL NO: Lab Tap PVE	SAMPLE ID: 2401561	

PURGING DATA			
WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to	STATIC DEPTH TO WATER (feet):
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY			
(only fill out if applicable)			

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME * (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME	gallons/foot =	gallons
(only fill out if applicable)		

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
--	--	-----------------------	-------------------	--------------------------------

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH EPA 150.1 (standard units)	TEMP EPA 170.1 (°C)	COND. EPA 120.1 (circle units) µmhos/cm or SAL ppt	DISSOLVED OXYGEN EPA 360.1 mg/L	TURBIDITY EPA 180.1 (NTUs)	COLOR (describe)	ODOR (describe)
Equipment Serial Numbers				5602	13E10301	13E10301	13E10301	13E10301	20012585		

0:50					8.64	23.3	617	4.92	0.90	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88	TUBING INSIDE DIA. CAPACITY (Gal/ft): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
--	---

PURGING EQUIPMENT CODES: B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jason Govanus	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 10:50	SAMPLING ENDED AT: 10:55
---	--------------------------	-------------------------------------	---------------------------------

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y N X	FILTER SIZE: µm
--------------------------------------	----------------------------	-----------------------	-----------------

FIELD DECONTAMINATION:	PUMP	Y	X	N	TUBING	Y	N	X	(replaced)	DUPLICATE:	Y	N	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE CONTAINER SPECIFICATION															
SAMPLE ID CODE	#	MATERIAL	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH									
2210219	4	HDPE	250ml	garnet acid											
SUP3158	4	HDPE	250ml	Trizma											
111323-7ER	1	HDPE	250ml	White acid											
2010219	3	HDPE	250ml	garnet acid											
SUP3158	3	HDPE	250ml	Trizma											

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
--

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

Peristaltic Pump Geotech S/N: 5105 Submersible Pump S/N: 002917 Chlorine Meter Hach S/N: 1808E364895

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); additionally + 0.2 mol/L or + 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)



February 19, 2024

Katie Strothman*
Sanders Laboratories, Inc.
1050 Endeavor Court
Nokomis, FL 34275

RE: Project: UCMR5_SE2_JAN2024_Greater Pine
Pace Project No.: 35855136

Dear Katie Strothman*:

Enclosed are the analytical results for sample(s) received by the laboratory on January 19, 2024. 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,

DJ Kapadia
dj.kapadia@pacelabs.com
(386)672-5668
Project Manager

Enclosures

cc: Tami*
Ship to-Jeff Walsh*, Sanders Laboratories, Inc. UCMR5



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: UCMR5_SE2_JAN2024_Greater Pine

Pace Project No.: 35855136

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

California Certification# 3096

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #:ADE-3199

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

Maine Certification #: FL01264

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

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: UCMR5_SE2_JAN2024_Greater Pine

Pace Project No.: 35855136

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35855136001	10001 Greater Pine Island Wate	Drinking Water	01/17/24 10:50	01/19/24 16:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: UCMR5_SE2_JAN2024_Greater Pine
Pace Project No.: 35855136

Lab ID		Sample ID	Method	Analysts	Analytes Reported	Laboratory
35855136001		10001 Greater Pine Island Wate	EPA 200.7	TMA	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UCMR5_SE2_JAN2024_Greater Pine
Pace Project No.: 35855136

Sample: 10001 Greater Pine Island Wate		Lab ID: 35855136001		Collected: 01/17/24 10:50		Received: 01/19/24 16:55		Matrix: Drinking Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, UCMR									
Analytical Method: EPA 200.7 Preparation Method: EPA 200.7									
Initial Volume/Weight: 50 mL Final Volume/Weight: 50 mL									
Pace Analytical Services - Ormond Beach									
Lithium	7.5 U	ug/L	22.5	7.5	2.5	01/23/24 23:36	01/26/24 00:54	7439-93-2	N2

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA

Project: UCMR5_SE2_JAN2024_Greater Pine
Pace Project No.: 35855136

QC Batch:	983320	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 MET Drinking Water
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35855136001

METHOD BLANK: 5408925 Matrix: Drinking Water
Associated Lab Samples: 35855136001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	ug/L	7.5 U	22.5	7.5	01/26/24 00:11	N2

LABORATORY CONTROL SAMPLE: 5408926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	ug/L	9	8.9 I	98	50-150	N2

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5408927 5408928

Parameter	Units	35855490005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	ug/L	7.5 U	100	100	123	123	122	122	0-200	0	30	N2

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.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: UCMR5_SE2_JAN2024_Greater Pine

Pace Project No.: 35855136

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U Compound was analyzed for but not detected.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UCMR5_SE2_JAN2024_Greater Pine
Pace Project No.: 35855136

Lab ID	Sample ID		QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35855136001	10001 Wate	Greater Pine Island	EPA 200.7	983320	EPA 200.7	983349

REPORT OF LABORATORY ANALYSIS

Pace Analytical Ormond Beach
8 East Tower Circle, Ormond Beach, FL 32174

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO#: 35855136



35855136

35855136

Specify Container Size **	**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) ECore, (8) TerraCore, (9) Other
Identify Container Preservative Type ***	*** Preservative Types: (1) None, (2) HNO ₃ , (3) H ₂ SO ₄ , (4) HCl, (5) NaOH, (6) Zn Acetate, (7) H ₃ PO ₄ , (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other.
Analysis Requested	

[illegible]

Additional Instructions from PACE:			
# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)
			Corrected Temp. (°C)
	Tracking Number:		
	Date/Time:	Delivered by: <input type="checkbox"/> In-Person <input type="checkbox"/> Courier	
	Date/Time:	<input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Other	
	Date/Time:	Page: 1 of 1	

Project Name: OLMWAS_3EZ_JAN2024_Great Pine Island

Site Collection Info/Facility ID (as applicable):

Invoice E-Mail: tami@sanderslabs.net

Purchase Order # (if applicable): 2401561

Quote #:

[illegible]

<p>Customer Remarks / Special Conditions / Possible Hazards:</p> <p>UCMR5 is for testing finished drinking water ONLY. Please fill containers up to the bottom thread of the container cap. Prior to shipping, please refrigerate the samples for 4-6 hours immediately after sampling. Ship samples on Monday thru Wednesday only, overnight shipping label included.</p>	<p>Relinquished by/Company: (Signature)</p> <p><i>[Signature]</i></p>	<p>Date/Time:</p> <p><i>1/17/14 13:40</i></p>	<p>Received by/Company: (Signature)</p> <p><i>[Signature]</i></p>	<p>Collected By: <i>Jean Sounius</i></p> <p>Printed Name: <i>Jean Sounius</i></p> <p>Signature: <i>[Signature]</i></p>
<p>Relinquished by/Company: (Signature)</p> <p><i>[Signature]</i></p>	<p>Date/Time:</p> <p><i>1/17/14 17:00</i></p>	<p>Received by/Company: (Signature)</p> <p><i>[Signature]</i></p>	<p>Received by/Company: (Signature)</p> <p><i>[Signature]</i></p>	<p>Received by/Company: (Signature)</p> <p><i>[Signature]</i></p>

mica.dalesandro@pacelabs.com

WO#: 35855136

Project #

PM: DNK

Due Date: 02/09/24

Project Manager

CLIENT: SANLABUCMR3

Client:

Courier: ☒ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ Other

Tracking # 7135 0347 7438

Custody Seal: ☒ Yes ☐ No Seal intact: ☒ Yes ☐ No ☐ N/A Ice: ☒ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other

		Comments
Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Chain of Custody Completed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Relinquished & Sampler Signature	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Labels match COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Samples received ≤48 hr from collection	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If no, were samples kept ≤6°C after 48 hrs of collection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Person contacted for verification		

Temperature Verification

Initials: GSF

Date: 1/19/24

Time: 1655

IR Gun ID: T-409

CF (°C): +0.1

	Observed (°C)	Corrected (°C)	Comments
EPA 533	9.3	9.4	9.3, 9.4, 9.6, 9.2
EPA 537.1	9.1	9.2	9.6, 9.1, 10.1, 9.9

Preservation Verification

pH strip: HC 324723

pH meter:

Free Cl Strip/DPD:

Cl Meter:

200.7 Lab Preserved:

Nitric Acid:

Date/Time:

Initials:

Sample/Container ID	pH				Free Chlorine**		Comments
	533* (pH 6.0-8.0)	537.1 (pH 6.0-8.0)	200.7 (pH <2)	200.7 Lab Preserved	533	537.1	
10001 GREATER PINE ISLAND			<2				

*533 pH may be adjusted at the bench prior to extra ** ND = <0.1 mg/L



March 05, 2024

Katie Strothman*
Sanders Laboratories, Inc.
1050 Endeavor Court
Nokomis, FL 34275

RE: Project: UCMR5_SE2_Jan2024_GreatP_RS2
Pace Project No.: 35858873

Dear Katie Strothman*:

Enclosed are the analytical results for sample(s) received by the laboratory on February 07, 2024. 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,

DJ Kapadia
dj.kapadia@pacelabs.com
(386)672-5668
Project Manager

Enclosures

cc: Ship to- Jeff Walsh*, Sanders Laboratories, Inc. UCMR5
Tami*



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

California Certification# 3096

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #:ADE-3199

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

Maine Certification #: FL01264

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

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: UCMR5_SE2_Jan2024_GreatP_RS2
Pace Project No.: 35858873

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35858873001	10001 Greater Pine Island Wate	Drinking Water	02/06/24 10:05	02/07/24 10:30
35858873002	FRB-10001 Greater Pine Island	Drinking Water	02/06/24 10:05	02/07/24 10:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: UCMR5_SE2_Jan2024_GreatP_RS2
Pace Project No.: 35858873

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory	
35858873001	10001	Greater Pine Island Wate	EPA 533	SWR	41	PASI-O
			EPA 537.1	TMM1	8	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

Sample: 10001 **Greater Pine Island Wate** **Lab ID:** 35858873001 **Collected:** 02/06/24 10:05 **Received:** 02/07/24 10:30 **Matrix:** Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
533 PFAS Compounds, UCMR									
Analytical Method: EPA 533 Preparation Method: EPA 533									
Initial Volume/Weight: 233.94 mL Final Volume/Weight: 1 mL									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	0.0018 U	ug/L	0.0053	0.0018	1	02/09/24 11:10	02/11/24 15:56	763051-92-9	
4:2 FTS	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	757124-72-4	
6:2 FTS	0.0018 U	ug/L	0.0053	0.0018	1	02/09/24 11:10	02/11/24 15:56	27619-97-2	
8:2 FTS	0.0018 U	ug/L	0.0053	0.0018	1	02/09/24 11:10	02/11/24 15:56	39108-34-4	
9CI-PF3ONS	0.00072 U	ug/L	0.0021	0.00072	1	02/09/24 11:10	02/11/24 15:56	756426-58-1	
ADONA	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	919005-14-4	
HFPO-DA	0.0018 U	ug/L	0.0053	0.0018	1	02/09/24 11:10	02/11/24 15:56	13252-13-6	
NFDHA	0.0071 U	ug/L	0.021	0.0071	1	02/09/24 11:10	02/11/24 15:56	151772-58-6	
Perfluorobutanesulfonic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	375-73-5	
Perfluorodecanoic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	335-76-2	
Perfluorohexanoic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	307-24-4	
PFBA	0.0018 U	ug/L	0.0053	0.0018	1	02/09/24 11:10	02/11/24 15:56	375-22-4	
PFEESA	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	113507-82-7	
PFHpS	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	375-92-8	
PFMBA	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	863090-89-5	
PFMPA	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56	377-73-1	
PFPeA	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	2706-90-3	
PFPeS	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56	2706-91-4	
Perfluorododecanoic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	307-55-1	
Perfluoroheptanoic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	375-85-9	
Perfluorohexanesulfonic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56	355-46-4	
Perfluorononanoic acid	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56	375-95-1	
Perfluorooctanesulfonic acid	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56	1763-23-1	
Perfluorooctanoic acid	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56	335-67-1	
Perfluoroundecanoic acid	0.00072 U	ug/L	0.0021	0.00072	1	02/09/24 11:10	02/11/24 15:56	2058-94-8	
Surrogates									
13C24:2FTS (S)	116	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C26:2FTS (S)	112	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C28:2FTS (S)	99	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C2-PFDoA (S)	89	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C3HFPO-DA(S)	89	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C3-PFBS (S)	106	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C3-PFHxS (S)	104	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C4-PFBA (S)	94	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C4-PFHpA (S)	95	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C5-PFHxA (S)	95	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C5-PFPeA (S)	94	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C6-PFDA (S)	91	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C7-PFUdA (S)	92	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C8-PFOA (S)	95	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C8-PFOS (S)	104	%	50-200		1	02/09/24 11:10	02/11/24 15:56		
13C9-PFNA (S)	92	%	50-200		1	02/09/24 11:10	02/11/24 15:56		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

Sample: 10001 Greater Pine Island Water Lab ID: 35858873001 Collected: 02/06/24 10:05 Received: 02/07/24 10:30 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, UCMR									
Analytical Method: EPA 537.1 Preparation Method: EPA 537.1									
Initial Volume/Weight: 233.42 mL Final Volume/Weight: 1 mL									
Pace Analytical Services - Ormond Beach									
NEtFOSAA	0.0018 U	ug/L	0.0064	0.0018	1	02/12/24 10:24	02/13/24 15:41	2991-50-6	
NMeFOSAA	0.0021 U	ug/L	0.0064	0.0021	1	02/12/24 10:24	02/13/24 15:41	2355-31-9	
Perfluorotetradecanoic acid	0.0029 U	ug/L	0.0086	0.0029	1	02/12/24 10:24	02/13/24 15:41	376-06-7	
Perfluorotridecanoic acid	0.0025 U	ug/L	0.0075	0.0025	1	02/12/24 10:24	02/13/24 15:41	72629-94-8	
Surrogates									
13C2-PFDA (S)	101	%	70-130		1	02/12/24 10:24	02/13/24 15:41		
13C2-PFHxA (S)	99	%	70-130		1	02/12/24 10:24	02/13/24 15:41		
NEtFOSAA-d5 (S)	96	%	70-130		1	02/12/24 10:24	02/13/24 15:41		
HFPO-DAS (S)	94	%	70-130		1	02/12/24 10:24	02/13/24 15:41		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

QC Batch: 987778

Analysis Method: EPA 533

QC Batch Method: EPA 533

Analysis Description: 533 PFAS Compounds, UCMR

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35858873001

METHOD BLANK: 5431940

Matrix: Drinking Water

Associated Lab Samples: 35858873001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
11CI-PF3OUdS	ug/L	0.0017 U	0.0050	0.0017	02/11/24 14:50	
4:2 FTS	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
6:2 FTS	ug/L	0.0017 U	0.0050	0.0017	02/11/24 14:50	
8:2 FTS	ug/L	0.0017 U	0.0050	0.0017	02/11/24 14:50	
9CI-PF3ONS	ug/L	0.00067 U	0.0020	0.00067	02/11/24 14:50	
ADONA	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
HFPO-DA	ug/L	0.0017 U	0.0050	0.0017	02/11/24 14:50	
NFDHA	ug/L	0.0067 U	0.020	0.0067	02/11/24 14:50	
Perfluorobutanesulfonic acid	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
Perfluorodecanoic acid	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
Perfluorododecanoic acid	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
Perfluoroheptanoic acid	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
Perfluorohexanesulfonic acid	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
Perfluorohexanoic acid	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
Perfluorononanoic acid	ug/L	0.0013 U	0.0040	0.0013	02/11/24 14:50	
Perfluorooctanesulfonic acid	ug/L	0.0013 U	0.0040	0.0013	02/11/24 14:50	
Perfluorooctanoic acid	ug/L	0.0013 U	0.0040	0.0013	02/11/24 14:50	
Perfluoroundecanoic acid	ug/L	0.00067 U	0.0020	0.00067	02/11/24 14:50	
PFBA	ug/L	0.0017 U	0.0050	0.0017	02/11/24 14:50	
PFEESA	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
PFHpS	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
PFMBA	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
PFMPA	ug/L	0.0013 U	0.0040	0.0013	02/11/24 14:50	
PFPeA	ug/L	0.0010 U	0.0030	0.0010	02/11/24 14:50	
PFPeS	ug/L	0.0013 U	0.0040	0.0013	02/11/24 14:50	
13C2-PFDoA (S)	%	98	50-200		02/11/24 14:50	
13C24:2FTS (S)	%	124	50-200		02/11/24 14:50	
13C26:2FTS (S)	%	110	50-200		02/11/24 14:50	
13C28:2FTS (S)	%	111	50-200		02/11/24 14:50	
13C3-PFBS (S)	%	114	50-200		02/11/24 14:50	
13C3-PFHxS (S)	%	111	50-200		02/11/24 14:50	
13C3HFPO-DA(S)	%	101	50-200		02/11/24 14:50	
13C4-PFBA (S)	%	104	50-200		02/11/24 14:50	
13C4-PFHpA (S)	%	104	50-200		02/11/24 14:50	
13C5-PFHxA (S)	%	104	50-200		02/11/24 14:50	
13C5-PFPeA (S)	%	104	50-200		02/11/24 14:50	
13C6-PFDA (S)	%	100	50-200		02/11/24 14:50	
13C7-PFUdA (S)	%	100	50-200		02/11/24 14:50	
13C8-PFOA (S)	%	102	50-200		02/11/24 14:50	
13C8-PFOS (S)	%	111	50-200		02/11/24 14:50	

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QUALITY CONTROL DATA

Project: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

METHOD BLANK: 5431940

Matrix: Drinking Water

Associated Lab Samples: 35858873001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
13C9-PFNA (S)	%	101	50-200		02/11/24 14:50	

LABORATORY CONTROL SAMPLE: 5431941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11CI-PF3OUdS	ug/L	0.0019	0.0017 U	84	50-150	
4:2 FTS	ug/L	0.0019	0.0018 I	95	50-150	
6:2 FTS	ug/L	0.0019	0.0017 U	83	50-150	
8:2 FTS	ug/L	0.0019	0.0017 U	84	50-150	
9CI-PF3ONS	ug/L	0.0019	0.0015 I	81	50-150	
ADONA	ug/L	0.0019	0.0017 I	88	50-150	
HFPO-DA	ug/L	0.002	0.0020 I	101	50-150	
NFDHA	ug/L	0.02	0.018 I	92	50-150	
Perfluorobutanesulfonic acid	ug/L	0.0018	0.0015 I	84	50-150	
Perfluorodecanoic acid	ug/L	0.002	0.0017 I	86	50-150	
Perfluorododecanoic acid	ug/L	0.002	0.0017 I	87	50-150	
Perfluoroheptanoic acid	ug/L	0.002	0.0017 I	86	50-150	
Perfluorohexanesulfonic acid	ug/L	0.0018	0.0017 I	94	50-150	
Perfluorohexanoic acid	ug/L	0.002	0.0017 I	87	50-150	
Perfluorononanoic acid	ug/L	0.002	0.0025 I	124	50-150	
Perfluorooctanesulfonic acid	ug/L	0.0019	0.0021 I	109	50-150	
Perfluorooctanoic acid	ug/L	0.002	0.0023 I	114	50-150	
Perfluoroundecanoic acid	ug/L	0.002	0.0017 I	87	50-150	
PFBA	ug/L	0.002	0.0019 I	96	50-150	
PFEESA	ug/L	0.0018	0.0016 I	88	50-150	
PFHpS	ug/L	0.0019	0.0018 I	96	50-150	
PFMBA	ug/L	0.002	0.0017 I	86	50-150	
PFMPA	ug/L	0.002	0.0018 I	89	50-150	
PFPeA	ug/L	0.002	0.0016 I	82	50-150	
PFPeS	ug/L	0.0019	0.0015 I	81	50-150	
13C2-PFDoA (S)	%			101	50-200	
13C24:2FTS (S)	%			125	50-200	
13C26:2FTS (S)	%			111	50-200	
13C28:2FTS (S)	%			112	50-200	
13C3-PFBS (S)	%			116	50-200	
13C3-PFHxS (S)	%			114	50-200	
13C3HFPO-DA(S)	%			102	50-200	
13C4-PFBA (S)	%			101	50-200	
13C4-PFHpA (S)	%			104	50-200	
13C5-PFHxA (S)	%			104	50-200	
13C5-PFPeA (S)	%			105	50-200	
13C6-PFDA (S)	%			102	50-200	
13C7-PFUdA (S)	%			101	50-200	
13C8-PFOA (S)	%			104	50-200	

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QUALITY CONTROL DATA

Project: UCMR5_SE2_Jan2024_GreatP_RS2
Pace Project No.: 35858873

LABORATORY CONTROL SAMPLE: 5431941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
13C8-PFOS (S)	%			110	50-200	
13C9-PFNA (S)	%			102	50-200	

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QUALITY CONTROL DATA

Project: UCMR5_SE2_Jan2024_GreatP_RS2
Pace Project No.: 35858873

QC Batch:	988278	Analysis Method:	EPA 537.1
QC Batch Method:	EPA 537.1	Analysis Description:	537.1 PFOA Compounds, UCMR
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35858873001

METHOD BLANK: 5434744 Matrix: Water

Associated Lab Samples: 35858873001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
NEtFOSAA	ug/L	0.0017 U	0.0060	0.0017	02/13/24 14:54	
NMeFOSAA	ug/L	0.0020 U	0.0060	0.0020	02/13/24 14:54	
Perfluorotetradecanoic acid	ug/L	0.0027 U	0.0080	0.0027	02/13/24 14:54	
Perfluorotridecanoic acid	ug/L	0.0024 U	0.0070	0.0024	02/13/24 14:54	
13C2-PFDA (S)	%	98	70-130		02/13/24 14:54	
13C2-PFHxA (S)	%	97	70-130		02/13/24 14:54	
HFPO-DAS (S)	%	90	70-130		02/13/24 14:54	
NEtFOSAA-d5 (S)	%	90	70-130		02/13/24 14:54	

LABORATORY CONTROL SAMPLE: 5434745

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
NEtFOSAA	ug/L	0.005	0.0041 I	82	50-150	
NMeFOSAA	ug/L	0.006	0.0054 I	90	50-150	
Perfluorotetradecanoic acid	ug/L	0.008	0.0064 I	80	50-150	
Perfluorotridecanoic acid	ug/L	0.007	0.0059 I	84	50-150	
13C2-PFDA (S)	%			96	70-130	
13C2-PFHxA (S)	%			95	70-130	
HFPO-DAS (S)	%			92	70-130	
NEtFOSAA-d5 (S)	%			88	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5435330 5435331

Parameter	Units	35858873001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
NEtFOSAA	ug/L	0.0018 U	0.0052	0.0052	0.0043 I	0.0044 I	83	85	70-130		30	
NMeFOSAA	ug/L	0.0021 U	0.0062	0.0062	0.0056 I	0.0053 I	90	84	70-130		30	
Perfluorotetradecanoic acid	ug/L	0.0029 U	0.0083	0.0083	0.0067 I	0.0068 I	81	81	70-130		30	
Perfluorotridecanoic acid	ug/L	0.0025 U	0.0072	0.0073	0.0060 I	0.0060 I	81	81	70-130		30	
13C2-PFDA (S)	%						100	95	70-130			
13C2-PFHxA (S)	%						100	96	70-130			
HFPO-DAS (S)	%						96	92	70-130			
NEtFOSAA-d5 (S)	%						90	86	70-130			

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QUALIFIERS

Project: UCMR5_SE2_Jan2024_GreatP_RS2
Pace Project No.: 35858873

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.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U Compound was analyzed for but not detected.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UCMR5_SE2_Jan2024_GreatP_RS2
Pace Project No.: 35858873

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35858873001	10001 Wate	Greater Pine Island EPA 533	987778	EPA 533	988162
35858873001	10001 Wate	Greater Pine Island EPA 537.1	988278	EPA 537.1	988691

REPORT OF LABORATORY ANALYSIS

WO#: 35858873



35858873

CHAIN-OF-CUSTODY Analytical F

Chain-of-Custody is a LEGAL DOCUMENT - Con

Pace® Location Requested (City/State):
Pace Analytical Ormond Beach
8 East Tower Circle, Ormond Beach, FL 32174

Company Name: Sanders Laboratories, Inc. UCMRS
Street Address: 10090 Bavaria Rd, Fort Myers, FL 33913

Customer Project #: UCMRS_SE2_Jan2024_RS2

Site Collection Info/Facility ID (as applicable):

Contact/Report To: Ship Walsh*
Phone #: (941)234-1000
E-Mail: jeff@sanderslabs.net
Cc E-Mail:

Invoice To: Accounts Payable
Invoice E-Mail: tami@sanderslabs.net
Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [] AK [] PT [] MT [] CT [] ET
Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No

[] Level II [] Level III [] Level IV

[] EQUIS

[] Other

Date Results Requested: 25 BD TAT

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CX), Leachate (LL), Biosolid (BS), Other (OT)

Field Filtered (if applicable): [] Yes [] No

Analysis: FL5360322

Customer Sample ID

Matrix * Comp / Grab

10001 Greater Pine Island Water Association, Inc

FRB-10001 Greater Pine Island Water Association, Inc

DW

DW

Additional Instructions from Pace®:

UCMR5 is for testing finished drinking water ONLY. Please fill containers up to the bottom thread of the container cap. Prior to shipping, please refrigerate the samples for 4-6 hours immediately after sampling. Ship samples on Monday thru Wednesday only, overnight shipping label included.

Relinquished by/Company: (Signature)

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Specify Container Size **

Identify Container Preservative Type ***

Analysis Requested

Proj. Mgr:

DJ Kapadia

Table #:

18420

Profile / Template:

Prelog / Bottle Ord. ID:

EZ 3065943

Sample Comment

QOS

533 TRB

533 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

537,1 PFAS Compounds, UCMR

537,1 FRB

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice:

Tracking Number:

Date/Time: 2/6/24 1130

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Date/Time: 2/7/24 1030

Delivered by: [] In-Person [] Courier

[] FedEx [] UPS [] Other

Page: 1 of 1

ENV-FRM-CORQ-0019_v02_110123 ©

Pace Container Order #3065943

mica.dalesandro@pacelabs.com

Addresses

Order By :

Company Sanders Laboratories, Inc. UCMR5
 Contact Ship Walsh*
 Email jeff@sanderslabs.net
 Address 10090 Bavaria Rd
 Address 2
 City Fort Myers
 State FL Zip 33913
 Phone (941)234-1000

Ship To :

Company Sanders Laboratories, Inc. UCMR5
 Contact Ship Walsh*
 Email jeff@sanderslabs.net
 Address 10090 Bavaria Rd
 Address 2
 City Fort Myers
 State FL Zip 33913
 Phone (941)234-1000

Return To:

Company Ormond Beach, FL (Pace Analytical)
 Contact DJ Kapadia
 Email dj.kapadia@pacelabs.com
 Address 8 East Tower Circle
 Address 2
 City Ormond Beach
 State FL Zip 32174
 Phone (386)672-5668

Info

Project Name UCMR5_SE2_Jan2024_RS2 Due Date 02/02/2024 Profile 18420 Quote
 Project Manager Kapadia, DJ Return Date Carrier FedEx Ground Location FL

Return Shipping Labels

Return Label Type OVERNIGHT
☐ No Shipper
☒ With Shipper

Bottle Labels

☐ Blank
☐ Pre-Printed No Sample IDs
☒ Pre-Printed With Sample IDs

Bottles

☐ Boxed Cases
☐ Individually Wrapped
☒ Grouped By Sample ID/Matrix

Trip Blanks

☐ Include Trip Blanks

COC Options

☐ Number of Blanks
☒ Pre-Printed 1

Misc

☒ Sampling Instructions
☒ Custody Seal
☐ Temp. Blanks
☒ Coolers
☐ Syringes
☐ Extra Bubble Wrap
☐ Short Hold/Rush Stickers
☐ DI Water
☐ USDA Regulated Soils
☐ Dry Weight

# of Samp Matrix	Analysis	Qty / Samp	Container	Total	# of QC	Lot #	Notes
1	DW 533 PFAS Compounds, UCMR	4	250 mL plastic with ammonium acetate	4		M-3-159-03BB	
1	DW 533 FRB	2	250mL Plastic 1w/Amm Acetate & 1w/DI Water	2		M-3-159-03BB	
1	DW 537.1 FRB	2	250mL Plastic 1w/Trizma & 1w/DI Water	2		M-3-192-02BB	
1	DW 537.1 PFAS Compounds, UCMR	4	250mL plastic Trizma	4		M-3-192-02BB	

Hazard Shipping Placard In Place : N/A

*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.

*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

*Payment term are net 30 days.

*Please include the proposal number on the chain of custody to ensure proper billing.

Sample Notes :

LAB USE:

Ship Date : 02/01/2024

Prepared By: CK

Verified By:

CLIENT USE (Optional):

Date Rec'd:

Received By:

WO#: 35858873

Project #

PM: DNK

Due Date: 02/27/24

Project Manager

CLIENT: SANLABUCMR3

Client:

Courier: ☒ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ Other

Tracking # 7135 0349 7348

Custody Seal: ☐ Yes ☒ No

Seal intact: ☐ Yes ☐ No ☒ N/A

Ice: ☒ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other

		Comments
Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Chain of Custody Completed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Relinquished & Sampler Signature	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Labels match COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Samples received ≤48 hr from collection	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If no, were samples kept ≤6°C after 48 hrs of collection? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Person contacted for verification		

Temperature Verification

IR Gun ID: T-409

Initials: GSF

Date: 2/7/24

Time: 11:31

CF (°C): 10.1

	Observed (°C)	Corrected (°C)	Comments
EPA 533	0.1	0.2	
EPA 537.1	0.1	0.2	

Preservation Verification

pH strip: HC178067

pH meter: SL-3

Free Cl Strip/DPD: 240101

Cl Meter: SL-1

200.7 Lab Preserved: Nitric Acid:

Date/Time:

Initials:

Sample/Container ID	pH				Free Chlorine**		Comments
	533* (pH 6.0-8.0)	537.1 (pH 6.0-8.0)	200.7 (pH <2)	200.7 Lab Preserved	533	537.1	
6001 GREATER RIMS ISLAND WATERWAY 1/4	6.3	7.2			0.36	0.41	CHLORINE DETECTED
2/4	6.1	7.3			0.17	0.36	CHLORINE DETECTED
3/4	6.3	7.3			0.21	0.37	CHLORINE DETECTED
4/4	6.3	7.3			0.20	0.41	CHLORINE DETECTED
6001 GREATER RIMS ISLAND WATERWAY	6.4	7.3			ND	ND	

*533 pH may be adjusted at the bench prior to extra. ** ND = <0.1 mg/L