

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.

Katie Strothman

Laboratory Director



Ft. Myers Lab02 10090 Bavaria Rd. Fort Myers, FL 33913 (239) 590-0337 FAX: (239) 590-0536

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.

Pace* Location Requested (City/State): Pace 8 Pace Analytical Ormond Beach 8 East Tower Circle, Ormond Beach, FL 32174			CHAIN-OF-C		Analytical			ment						L	AB USE ON	ILY- Affix	Workord	ler/Logir	n Label Here	
Company Name: Sanders Laboratories, Inc. UCMRS			Contact/Report To:	Jeff Walsh*	_					1	127	e Su								
Street Address: 10090 Bayaria Rd, Fort Myers, FL 33913			Phone #:	(941)234-10	00						是	- 0	472							
200-200-200-200-200-200-200-200-200-200			E-Mail:	jeff@sander							5-23		0		Scan QR	Code f	or instru	ctions		
			Cc E-Mail:	lenmannen	siaus.net					1	E 7	e.punab	CAL'AR		Count Cit	GOGG !	or morn u	CHOID		
Customer Project #:			Invoice To:	1000						-										
			110000000000000000000000000000000000000	Accounts Pa	The second second					_			-	40.0		_			**Container Size: (1) 1L, (2) 500mL, (3)	250-1 (4)
Project Name: UCMR5_SE2_JAN2024_Great Pine Island			Invoice E-Mail:	tami@sande	erslabs.net							T	Spe	cify Cont	ainer Size *	_	1		125mL, (5) 100mL, (6) 40mL vial, (7) En TerraCore, (9) Other	
Site Collection Info/Facility ID (as applicable):			Purchase Order # (if			25						ide	ntify Co	ntainer P	reservative	Type***		*	*** Preservative Types: (1) None, (2) HI	
			applicable):		24	015	اعا												H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetat NaHSO4, (8) Sod. Thiosulfate, (9) Ascort	
			Quote #:			THE RESERVE								Analysis f	Requested		-	4	MeOH, (11) Other	
Time Zone Collected: [] AK [] PT [] MT [] CT	[]ET		County / State origin	of sample(s):	Florida			12		*									Proj. Mgr:	for
Data Deliverables:	Regulato	ry Program	n (DW, RCRA, etc.) as	applicable:						1				œ					DJ Kapadia AcctNum / Client ID:	Ped
Literatus Literatus Literatus												UCMR		UCMR					PACELIAGITY CHESICIDS	dent
[] Level II	1.120		(Pre-approval required 1 5 day 0 0		DW PW5ID # o FL5360322	r WW Permit #	as applica	ble;		ac .									Table #:	apuce
I legas	25 750 200		say []3 day []0	/CHEE	Field Filts	ered (if applicable	(a)- 1 15	Var. I 1	No	NCM		pun		noon					3 Profile / Template:	- form
[] Other	Date Re Request		25 BD TAT		Analysis:	ered (ii applicabi	iet- []	ies []	NO	J		Compounds,		Compounds,					18420	103-00
 Matrix Codes (Insert in Matrix box below): Drinking Water (DW), G Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk 	round Water	(GW), Wa	ste Water (WW), Prod	fuct (P), Soil/Soli	d (SS), Oil (OL), Wi	pe (WP), Tissue	(TS), Bioa	ssay (B), V	/apor (V)	12		SCO	88	AS					Prelog / Bottle Ord, ID:	ion no
	W. W. St.	Comp /	Collect		Compo	site End	Res.		& Type of	7 M	FRB	PFA	1 FF	1 PF					EZ 3028866	ervat
Customer Sample ID	Matrix	Grab	(or Composi	te Start) Time	Date	Time	CLZ		Glass	200.7	533 FRB	533 PFAS	537.1 FRB	537.1					Sample Comment	Pres
10001Greater Pine Island Water Association, Inc	DW	6	1/17/24	10,50				9	9	Х		X		Х					ogs	
FRB-10001Greater Pine Island Water Association,	DW	1	1/1	1							X		V							
Inc	DVV	6	-	/		*			•		^		X							
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Control Boards (Control Control Contro		_			0.11		1	_	_		_	4 (14)						_		
Customer Remarks / Special Conditions / Possible Hazards: UCMR5 is for testing finished drinking water ONLY. Pleas container cap. Prior to shipping, please refrigerate the sar					Collected By: Printed Name: Signature:	lason	_6	ovar	145				oolers:		ns from Pa		Correction	Factor I°C	C): Obs. Temp. (°C) Correcte	d Temp. (°C)
Ship samples on Monday thru Wednesday only, overnight	shipping la	bel inclu	ded.	and the second second			_	-		-										
Relinquished by/Company (Signature)		Date	Make 1	3:40	Received by/Compa	any: (Signature)	M	14					Date/	7.	1-		- 1/2	Trackin	ng Number:	
Relinquished by/Company: (Signature)			/19/94 /	0.90	Section 4 to Are	mu Kina T	1//						District	17	124	13	340			
reconductored any company, (segnature)		Date	7		Received by/Compa	my. (Signature)							Date/	and:				Delive	ered by: [] In-Person [] Couri	er
Relinquished by/Company: (Signature)		Date	e/Time:		Received by/Compa	any: (Signature)							Date/	ime:				18	[]FedEX []UPS []Oth	ner
Relinquished by/Company: (Signature)		Date	e/Time:		Received by/Compa	any: (Signature)							Date/1	ime:				P	age: 1 of 1	

Sanders A Laboratories Guironnontol Isting Services

DEP-SOP-001/01

DEP Form FD 9000-24: SAMPLING LOG

					gallons	gallons	:(St.	ODOR (describe)				HOME	12" = 5.88	= 0.016 (Specify)		10,00	7		SAMPLE PUMP	FLOW RATE (mL per minute)					PP = Polypropylene;	×	e FS 2200-2) reater)	
,	R		PURGE PUMP TYPE OR BAILER		= VOLUME	gallons =	TOTAL VOLUME PURGED (gallons):	COLOR (describe)				dew	4.5	1		SAMPLING ENDED AT:	FILTER SIZE	Z	-	CODE (m	90				1000	mersible Pump secify)	on (see Table	
1	DATE: //7/	/	PURGE PUI	×	gallons/foot + FLOW CELL		Fa	TURBIDITY EPA 180.1 (NTUs)	20012585	Blank	Dup:	0.30	1.02;	the		11150	×	>		DISK.	1/2		100%	FEB	sity Polyethyler	ESP = Electric Submersible Pump. O = Other (Specify)	SECTION 3) 20% saturati J or ± 10% (w	
2			EPTH R (feet):	- STATIC DEPTH TO WATER) X WELL CAPACITY	X gailons/foot = TUBING LENGTH) + FLOW CELL VOLUME	feet) +	PURGING ENDED AT:	DISSOLVED OXYGEN EPA 360.1 mg/L	13E103015			26%	= 0.65			SAMPLING INITIATED AT:	FIELD-FILTERED: Y	DUPLICATE	INTENDED	ANALYSIS AND/OR METHOD	EM 533	EM SS	75 70	EPH 537	LDPE = Low Density Polyethylene:	p. Drain)	 The above do not constitute all of the information required by Chapter 62-160, F.A.C. 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); onlineally ± 0.2 mol. or ± 10% (whichever is greater). Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater). Sanders Laboratories Inc. South 	ED
UME	561	ΓA	STATIC DEPTH feet TO WATER (feet):	O WATER) X	×	gallons/foot X	D AT:	COND. EPA 120.1 (circle units) µmhos/cm	13E103015	Blank:	Dup:	219	3" = 0.37, 4"	0.1	TA		FIELD-F	N X (replaced)	ig wet ice)	FINAL pH					1	SAMPLING EQUIPMENT CODES: APP = After (Through) Peristalitic Pump; B = Bailer; BP = Bladder Pump; RPPP = Reverse Flow Peristalitic Pump; SM = Straw Method (Tubing Gravity Drain); Peristalitic Pump Geotach S/N: 5105Submersible Pump S/N: 002917 Chlorine Meter Hach: S/N: 1808E364895	1. The above do not constitute all of the information required by Chapter 62-160, F.A.C. 2. STABILIZATION CRITERIA FOR RANGE OF WARIATION OF LAST THREE CONSECUTIVE READINGS (S) PH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: a contionally + 0.2 mol/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally + 0.2 mol/L or + 10% (whichever is greater) Turbidity: all readings < 20 NTU; option Sanders Laboratories Inc. South	SALVE DATE
LOCATION:	2401	PURGING DATA		TIC DEPTH TO	NG CAPACIT	gallor	PURGING INITIATED AT	TEMP. EPA. 170.1 (°C)	13E10301 5		1	38.3	2" = 0.16;	3P = Electric 8	SAMPLING DAT	(2)	-19	>	TION (includir	ADDED IN FIELD (mL)					HDPE = High Density Polyethylene; cify)	B = Bailer; SM = Straw N Meter Hach	I by Chapte E CONSECUT ± 5% Diss all readings nc, South	
SITE		PURG	WELL SCREEN INTERVAL DEPTH: feet to		feet - .UME + (TUB	gallons + (cn.	EPA 150.1 (standard	13E10301	DUP		6.69	1.25" = 0.06	4	SAMP	SAMPLER(S) SIGNATURE(S)	ODE HDPE	TUBING	SAMPLE PRESERVATION (Including wet ice)	-	dale	1	X	edite	HDPE = H	iltic Pump, Itic Pump, 17 Chlorine	e information required by Chap ARRATION OF LAST THREE CONSEC Decific Conductance: ± 5% Dis is greater) Turbidity: all readin Sanders Laboratories Inc, South	aria Rd s, Fl
	SAMPLE ID:		WE	AL WELL DEF	= PUMP VOI	11	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	DEPTH TO WATER (feet)	6602				0	00	CANADA PROPERTY	SAMPLER(S)	TOBING MATERIAL CODE: HDPE	z	SAMPLE	PRESERVATIVE USED	anna, a	IN TONA	Whran	Total	CG = Clear Glass; HDF flon; 0 = Other (Specify)	rough) Perista e Flow Perista np S/N:0029	he information of specific Corporate is greater). Sanders La	10090 Bavaria Rd Fort Myers, FI FDOH #F85457
100	The	1	TUBING DIAMETER (inches):	UME = (TOT	= (PMENT VOL.		FINAL PUN DEPTH IN	PURGE RATE (gpm)					0.75" = 0.02, 1"=	aller;			1	××	NOIL	VOLUME	1005C	250ml	1000	2.8ml	(0)	APP = After (Through) Peristaltic Pump. RFPP = Reverse Flow Peristaltic Pump. bmersible Pump S/N:002917 Chlori	itute all of the OR RANGE OF Set ± 0.2 °C Set 1 % (whicheve	
4	to h	/	TUBING	1 WELL VOLUME = (TOTAL WELL DEPTH	RGE: 1 EQU		(0)	CUMUL. VOLUME PURGED (gallons)	umbers				Per Foot): 0	l Ca	THE LATER OF THE PARTY OF THE P	FILIATION		N. PUMP	R SPECIFICA	MATERIAL	HOPE :	HOPE	Tool	The state of	AG = Amber Glass; S = Silicone; T = T	CODES: A	o not const	rrs (E)
THE	Lab 7		inches):	63	= (feet – feet – coupment volume purge: 1 equipment vol. = PUMP volume + (TUBING CAPACITY	applicable)	INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	VOLUME PURGED (gallons)	Equipment Serial Numbers				WELL CAPACITY (Gallons Per Foot): 0.75	PURGING EQUIPMENT CODES:	TAL STRINGS	SAMPLED BY (PRINT) / APPLICATION Jason Govanus	JBING ELL (feet):	FIELD DECONTAMINATION:	SAMPLE CONTAINER SPECIFICATION	# CONTAINERS	5	5	-1	in	4	SAMPLING EQUIPMENT CODES: Peristallic Pump Geotach S/N; 5105	The above d	Sanders A
SITE OF	WELL NO:		WELL DIAMETER (inches):	WELL VOLUME PURGE (only fill out if applicable)	EQUIPMENT	(only fill out it	INITIAL PUMP OR TUB DEPTH IN WELL (feet):	TIME	Equipm			05.7	WELL CAPA	PURGING EC	CONTROL CO.	SAMPLED B	PUMP OR TUBING DEPTH IN WELL (feet)	FIELD DECO	SAMPL	SAMPLE ID CODE		LAL	23-166	SX DE	MATERIAL CODES	SAMPLING E	NOTES: 1. T	ړ ۷
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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

Inkapadia

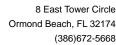
(386)672-5668 Project Manager

Enclosures

cc: Tami*

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







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





SAMPLE SUMMARY

Project: UCMR5_SE2_JAN2024_Greater Pine

Pace Project No.: 35855136

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



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



ANALYTICAL RESULTS

Project: UCMR5_SE2_JAN2024_Greater Pine

Pace Project No.: 35855136

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

Island Wate

Date: 02/19/2024 12:18 PM

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



Project: UCMR5_SE2_JAN2024_Greater Pine

Pace Project No.: 35855136

Date: 02/19/2024 12:18 PM

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

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Lithium ug/L 7.5 U 22.5 7.5 01/26/24 00:11 N2

LABORATORY CONTROL SAMPLE: 5408926

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

3

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5408927 5408928

MS MSD

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

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: 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

Date: 02/19/2024 12:18 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.
- 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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UCMR5_SE2_JAN2024_Greater Pine

Pace Project No.: 35855136

Date: 02/19/2024 12:18 PM

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

CHAIN-OF-CUSTODY Analytical Request Document Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields jeff@sanderslabs.net (941)234-1000 Jeff Walsh* Contact/Report To: hone #: E-Mail: 8 East Tower Circle, Ormond Beach, FL 32174 10090 Bavaria Rd, Fort Myers, FL 33913 Pace® Location Requested (City/State) Sanders Laboratories, Inc. UCMR5 Pace Analytical Ormond Beach face npany Name: Street Address:

NO#:35855136 3585513

**Container Sizer (1) 11, (2) 500mL, (4)
1125mL, (5) 100mL, (6) 40mL vai, (7) EnCore, (6)
**Terractore, (9) Other
***Preservative Types: (1) None, (2) HNO3, (3)
HS264, (4) HG, (5) NsOH, (6) Zn Acetate, (7)
NsHS04, (8) 50d Thiosulfate, (9) Accorbic Acid, (10)
NsHS04, (11) Other Preservation non-conformance identified for Sample Comment relog / Bottle Ord. ID: AcctNum / Client ID: Profile / Template: EZ 3028866 DJ Kapadia Proj Mgr: 18420 Lab Use Only Identify Container Preservative Type*** Specify Container Size ** Analysis Requested 537.1 PFAS Compounds, UCMR \times 537.1 FRB 533 PFAS Compounds, UCMR \times 233 LKB 200.7 MET ICP, UCMR Containers Plastic Glass 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), Bloassay (B), Vapor (V), Number & Type of Field Filtered (if applicable): [] Yes DW PWSID # or WW Permit # as applicable FLS360322 Res. CL2 240156 Time Composite End Collected By: Date Florida tami@sanderslabs.net Accounts Payable County / State origin of sample(s): (or Composite Start)
Date/ Time Regulatory Program (DW, RCRA, etc.) as applicable. Rush (Pre-approval required): [] 2 Day [] 3 day [] 5 day [] Other Collected urchase Order # (if oice E-Mail: roice To: ipplicable): Cc E-Mail: 25 BD TAT Comp/ Grab Date Results Matrix * M À 1 UCMR5_SE2_JAN2024_Great Pine Island FRB-10001Greater Pine Island Water Association, []CT 10001 Greater Pine Island Water Association, Inc Other (OT), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk Customer Remarks / Special Conditions / Possible Hazards: I] MT [] Level IV Customer Sample 1D Site Collection Info/Facility ID (as applicable): []PT [] Level III] AK Time Zone Collected: Lustomer Project #: Data Deliverables: roject Name: [] Level [[] EQUIS Other

rinted Name: UCMRS 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 samplies for 4-6 hours immediately after sampling. Ship samples on Monday thru Wednesday only, overnight shipping label included

Reinguished by/Company: (Signature) quished by/Company: (Signature)

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Date/Time:

pany: (Signature)

ING

G5F1

eceived by/Company: (Signature)

ENV-FRM-CORQ-0019_v01_082123 @

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Page:

[]FedEx []UPS []Other

1655

Delivered by: [] In- Person [] Courier

Corrected Temp. (*C)

Obs. Temp. (°C)

Correction Factor ("C).

Thermometer ID:

Additional Instructions from Pace®

racking Number

Order							
Company	ddresses ———— r By :		Ship To :			Retur	n To:
Company	/ Sanders Laboratories, Inc. U	JCMR5		ratories,	Inc. UCMR5		Ormond Beach, FL (Pace Analytical
Contact	t Jeff Walsh*		Contact Jeff Walsh*				DJ Kapadia
Email	jeff@sanderslabs.net		Email jeff@sander	slabs.ne	t		dj.kapadia@pacelabs.com
Address	10090 Bavaria Rd		Address 10090 Bava				8 East Tower Circle
Address 2			Address 2	110		Address 2	o East Tower Circle
City	Fort Myers		City Fort Myers				-
State				7in 2204	2		Ormond Beach
	(941)234-1000			Zip <u>3391</u>	3	State	
	(011)204 1000		Phone (941)234-10	00		Phone	(386)672-5668
Inf	fo	-					
Proje	UCMR5_SE2_JAN20 Pine Island	124_Grea	Due Date 12/21/2023		Profile 18420		Quote
Proiect	Manager Kapadia, DJ		Return Date				
	Napadia, DJ		Veraili Dare		Carrier FedEx Gr	ound	Location FL
Retur	rn Shipping Labels —		Bottle L	ahele		- Par	ttles
	-	l'T	1 [apeis			
	urn Label Type OVERNIGH Shipper	11	Blank		. 0		Boxed Cases
-	h Shipper				Sample IDs		Individually Wrapped
) (X) Pre-P	rintea vv	ith Sample IDs		Grouped By Sample ID/Matrix
Trin Bl	lanks		Mine				
_			Misc —			(a	
Inclu	ude Trip Blanks			ing Insti	uctions	=	Extra Bubble Wrap
			/ I 🖂	dy Seal		=	Short Hold/Rush Stickers
— coc o	Options ————			Blanks		=	OI Water
Num	nber of Blanks		X Cooler Syring	1			USDA Regulated Soils
X Pre-l	Printed 1		Syning	es L			Ory Weight
of mp Matrix	Analysis	Qty / Sam		T-4-1	# of		
	533 PFAS Compounds, UCMR	4	250 mL plastic with ammonium	Total 4	QC Lot #		Notes
DW	533 FRB	2	acetate 250mL Plastic 1w/Amm Acetate &	-	M-2-119-03BB		
	537.1 FRB	L	1w/DI Water 250mL Plastic 1w/Trizma & 1w/DI	2	M-2-119-03BB		
DW	55.1(TIND		Water	2	M-3-105-03BB		
	200 7 MET ICP LICMP	1 1	2E0ml plantic LINIOS		1446		
DW	200.7 MET ICP, UCMR 537.1 PFAS Compounds, UCMR		250mL plastic HNO3 250mL plastic Trizma	1 4	111323-2EIZ M-3-105-03BB		

DC#_Title: ENV-FRM-CORQ-0016 v00_UCMR5 Sample Condition Upon Receipt (SCUR) Effective Date: 11/15/2022 Due Date: 02/09/24 Project # PM: DNK CLIENT: SANLABUCMR3 Project Manager Client: Courier: FedEx UPS ☐ Client ☐ Pace ☐ Other _____ USPS 0347 7135 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 ☑Yes ☐ No Chain of Custody Completed ☑Yes ☐ No Relinquished & Sampler Signature Samples Arrived within Hold Time ☑ Yes □ No Sufficient Volume ☑Yes □ No Correct Containers Used ☑ Yes ☐ No Containers Intact ☐ Yes ☐ No Sample Labels match COC ☑Yes ☐ No Samples received ≤48 hr from collection ☐ Yes ☑ No If no, were samples kept ≤6°C after 48 hrs of collection? ☐ Ye ☑ No Person contacted for verification Temperature Verification Initials: GSF Date: Time: 1655 IR Gun ID: +0.1 CF (°C): Observed (°C) Corrected (°C) Comments 9.3 **EPA 533** 9.4 ALL SAMPLES AFRINED 9.2 **EPA 537.1** OUT OF TEMP Preservation Verification HC324723 pH strip: pH meter: Free CI Strip/DPD:

200.7 Lab Preserved:	Nitric Acid:			_ Date/Time:			Initials:
		pH			Free CI	hlorine**	Comments
Sample/Container ID	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 GREPHER PINE 15LAND			12				

*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

Inkapadia

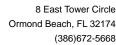
Project Manager

Enclosures

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

Tami*







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



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	Drinking Water	02/06/24 10:05	02/07/24 10:30



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



ANALYTICAL RESULTS

Project: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

Date: 03/05/2024 11:27 AM

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

Island Wate	Lab ID.	35858873001	Collecte	u. 02/00/22	+ 10.05	Received: 02/	07/24 10.30 W	atrix. Drinking v	valer
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
533 PFAS Compounds, UCMR	Analytical	Method: EPA 5	33 Prepar	ation Metho	d: EPA	533			
	Initial Vol	ume/Weight: 23	3.94 mL Fi	inal Volume/	Weight	: 1 mL			
	Pace Ana	lytical Services	- Ormond I	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		
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		
Perfluorohexanoic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56		
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		
PFHpS	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56		
PFMBA	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56		
PFMPA	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56		
PFPeA	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56		
PFPeS	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56		
Perfluorododecanoic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56		
Perfluoroheptanoic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56		
Perfluorohexanesulfonic acid	0.0011 U	ug/L	0.0032	0.0011	1	02/09/24 11:10	02/11/24 15:56		
Perfluorononanoic acid	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56		
Perfluorooctanesulfonic acid	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56		
Perfluorooctanoic acid	0.0014 U	ug/L	0.0043	0.0014	1	02/09/24 11:10	02/11/24 15:56		
Perfluoroundecanoic acid	0.00072 U	ug/L	0.0021	0.00072	1	02/09/24 11:10	02/11/24 15:56		
Surrogates	0.000.2	ug/ =	0.0021	0.00012	•	02/00/2111110	02/11/21 10:00	2000 01 0	
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			
13C4-PFBA (S)	94	%	50-200		1	02/09/24 11:10			
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		



ANALYTICAL RESULTS

Project: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

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

Island Wate

Date: 03/05/2024 11:27 AM

isiailu vvale									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, UCMR	Analytical	Method: EPA	\ 537.1 Prepa	ration Meth	od: EP	A 537.1			
	Initial Volu	me/Weight: 2	233.42 mL Fir	nal Volume/	Weight	:: 1 mL			
	Pace Anal	ytical Service	es - Ormond B	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		



Project: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

Date: 03/05/2024 11:27 AM

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

Associated Lab Gampies. 55050075	001	Blank	Reporting			
Parameter	Units	Result	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	

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: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

Date: 03/05/2024 11:27 AM

METHOD BLANK: 5431940 Matrix: Drinking Water

Associated Lab Samples: 35858873001

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

13C9-PFNA (S) % 101 50-200 02/11/24 14:50

LABORATORY CONTROL SAMPLE:	5431941					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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	
3:2 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	
FEESA	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	
3C3-PFHxS (S)	%			114	50-200	
3C3HFPO-DA(S)	%			102	50-200	
3C4-PFBA (S)	%			101	50-200	
3C4-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	

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: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

Date: 03/05/2024 11:27 AM

LABORATORY CONTROL SAMPLE:	5431941					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
13C8-PFOS (S)	%			110	50-200	
13C9-PFNA (S)	%			102	50-200	

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: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

Date: 03/05/2024 11:27 AM

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

		Blank	Reporting			
Parameter	Units	Result	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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPLIC	CATE: 5435	330	•	5435331	•			•			
			MS	MSD								
	3	5858873001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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			

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: 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

Date: 03/05/2024 11:27 AM

- 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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UCMR5_SE2_Jan2024_GreatP_RS2

Pace Project No.: 35858873

Date: 03/05/2024 11:27 AM

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

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

CHAIN-OF-CUSTODY Analytical F

Phone #:

10090 Bavaria Rd, Fort Myers, FL 33913

Street Address:

UCMR5_SE2_Jan2024_RS2

Sustomer Project #:

roject Name:

Site Collection Info/Facility ID (as applicable):

Sanders Laboratories, Inc. UCMR5

Chain-of-Custody is a LEGAL DOCUMENT - Con

Contact/Report To:

(941)234-1000 Ship Walsh*

MO#: 35858873

Y- Affix Workorder/Login Label Here

Resample for: 2401561 WO 当 2402 147

Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCJ, (5) NaOH, (6) Zo Acetate, (7) NaHSO4, (6) Sod. Thiosulfate, (9) Ascorbic Add, (10) MeOH, (11) Other aldmes. **Container Size: (1) 1L (2) S00mL (3) 250mL (4) 125mL (5) 100mL (6) 40mL vial. (7) EnCore, (8) TerraCore, (9) 90mL (10) Other Preservation non-conformance identified for AcctNum / Client ID: Profile / Template: DJ Kapadia Proj. Mgr. Table #: Scan QR Code for instructions Identify Container Preservative Type*** Specify Container Size ** Analysis Requested 金彩品家 DW PWSID # or www Permit # as applicable; Field Filtered (if applicable): [] Yes [] No Reportable [] Yes [] No Florida tami@sanderslabs.net leff@sanderslabs.net Accounts Payable County / State origin of sample(s): Purchase Order # (if Regulatory Program (DW, RCRA, etc.) as applicable: nvoice E-Mail: nvoice To: applicable); Cc E-Mail: Quote #: E-Mail: 25 BD TAT

ל ב

IM1

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Time Zone Collected: [] AK

Data Deliverables:

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

[] EQUIS

Inc

Sample Comment Prelog / Bottle Ord. ID: EZ 3065943 18420 537.1 PFAS Compounds, UCMR 837.1 FRB × 533 PFAS Compounds, UCMR × **833 FRB** × [] Other | Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Soild (SS), Oil (OL), Wipe (WP), Tissue (TS), Bloassay Results Units Res. Chlorine Cont # 4 œ Collected or Composite End Time Date 10:05 Тіте (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SU), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT) Rush (Pre-approval required): Composite Start Date Matrix * Comp / Grab P Ã Μ Date Results FRB-10001 Greater Pine Island Water Association, 10001 Greater Pine Island Water Association, Inc Customer Sample ID

Delivered by: [] In- Person [] Courier Obs. Temp. (*C) racking Number Page: Correction Factor (°C): 1130 (030 5 N Thermometer ID: 27 County (Signature) are. eceived by/Company: (Signature) ved by/Company; (Signature) eceived by/Company: (Signature) ason GS.P. Signature: 37 UCMRS 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. Date/Time: Reinguished by/Company: (Signature) inquished by/Company: (Signature) quished by/Company: (Signature)

Subariting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource-fpace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 @

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[]Other

]FedEX [] UPS

On Ice:

Corrected Temp. (°C)

Customer Remarks / Special Conditions / Possible Hazards

(Printed Name Collected By:

Additional Instructions from Page®

Paca Container Order #2065042

Add		Г	ace Co	maine	Corc	zer #3065	943	mica.da	lesandro@pacelabs
Order By :			Ship	To :			Retur	n To:	
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Contact Ship			-1	t Ship Walsh*				DJ Kapadia	L (Face Analytical
Email jeff@	gsanderslabs.net	17	- 1	l jeff@sander				dj.kapadia@pace	laha aam
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Address 2			Address 2		ia itu				cie
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State FL	Zip 33913		-					Ormond Beach	2126
Phone (941)			State		Zip 3391:	3		FL Zip 3	2174
- Thoric (047)	7204-1000		Filone	(941)234-10	JU		Phone	(386)672-5668	
Info									
Project Na	me UCMR5_SE2_Jan202	4_RS2	Due Date	02/02/2024		Profile 18420		Quote	
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f		Qty /	*			# 06	ь		
mp Matrix	Analysis	Samp	Contai		Total	# of QC Lot #	#	Note	es
DW 533 P	FAS Compounds, UCMR	ace			4	M-3-159-03BE	3		
DW 533 FI	RB		mL Plastic 1w// DI Water	Amm Acetate &	2	M-3-159-03BE	3		
DW 537.1		110/04		Trizma & 1w/DI	2	M-3-192-02BE	3		
DW 537.1	PFAS Compounds, UCMR	4 250	mL plastic Trizr	ma	4	M-3-192-02BB	3		•
	•								
								#:	
Haz	zard Shipping F	Placard	In Place	⊋: N/A			LAB (JSE:	
nple receiving ho	urs are typically 8am-5p				check wil	th your Pace Project			02/01/2024
ager.								Prepared By	
ce Analytical reser se Analytical reser	rves the right to return harves the right to charge t	azardous, or unused	toxic, or radio bottles, as w	active sample ell as cost ass	s to you. ociated v	vith sample storage	/disposal	Verified By	
ment term are ne	et 30 days.					I		•	
	roposal number on the o	nain of cus	stody to ensu	re proper billin	g.		OLIENI U	SE (Optional): Date Rec'd:	
Sample Notes									
								Received By:	

DC#_Title: ENV-FRM-CORQ-0016 v00_UCMR5 Sample Condition Upon Receipt (SCUR) Effective Date: 11/15/2022 WO#: 35858873 Project # Due Date: 02/27/24 CLIENT: SANLABUCMR3 **Project Mana** Client: Courier: FedEx UPS USPS Client Pace Other___ Tracking# 0349 7348 7135 Custody Seal: Yes No Seal intact: Yes No NA Ice: Yes No Packing Material:

Bubble Wrap ☐ Bubble Bags None ☐ Other Comments Chain of Custody Present Chain of Custody Completed ∠ Yes No Relinquished & Sampler Signature Samples Arrived within Hold Time ☑ Yes ☐ No Sufficient Volume Correct Containers Used Containers Intact ☑Yes ☐ No Sample Labels match COC ☑Yes ☐ No Samples received ≤48 hr from collection ☑Yes ☐ No If no, were samples kept ≤6°C after 48 hrs of collection? ☐Ye ☐ No Person contacted for verification Temperature Verification Initials: 65F Date: 31 T- 409 IR Gun ID: CF (°C): 40. Observed (°C) Corrected (°C) Comments EPA 533 0.1 0.2 0,1 EPA 537.1 0.7 Preservation Verification HC178067 pH strip: 51-3 pH meter: Free CI Strip/DPD: 240101 SR-1 Cl Meter: 200.7 Lab Preserved: Nitric Acid: Date/Time: Initials: Free Chlorine** Comments 533* 537.1 200.7 200.7 Lab Sample/Container ID (pH 6.0-8.0) (pH 6.0-8.0) (pH < 2)Preserved 533 537.1 7.2 0.36 0.41 CHLORINE DETECTED 2/4 61 7.3 0.17 0.36 CHLORINE DETECTED 3/4 6.3 7.3 0.21 0.37