



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

October 20, 2021

Desoto County
2170 N.E. Roan Street
Arcadia, FL 34266
TEL: (863) 491-7500
FAX:

RE: DeSoto - WTP NPDES / Outfall

Order No.: 2109708

Dear :

Sanders Laboratories, Inc received 1 sample(s) on 9/21/2021 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.
Nokomis Certificate # E84380 Fort Myers Certificate # E85457

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'.

Katie Strothman
Laboratory Director



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Definition Only

WO#: 2109708
Date: 10/20/2021

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.

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.

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: Too many colonies were present for accurate counting.



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Analytical Report

(continuous)

WO#: 2109708

Date Reported: 10/20/2021

CLIENT: Desoto County

Lab Order: 2109708

Project: DeSoto - WTP NPDES / Outfall

Lab ID: 2109708-001

Collection Date: 9/21/2021 10:20:00 AM

Client Sample ID: Lonesome 002 Outfall

Matrix: SURFACE WATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
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METALS **E200.8** Analyst: **Pace**

Arsenic	0.0040	0.0005000		mg/L	1	9/28/2021 3:34:00 PM
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TOTAL NITROGEN **E351.2** Analyst: **GC**

Nitrogen, Total	1.13	0.0300		mg/L	1	9/30/2021 1:19:00 PM
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TOTAL PHOSPHOROUS **E365.4** Analyst: **GC**

Phosphorus, Total (As P)	0.563	0.0200		mg/L	1	9/30/2021 1:19:00 PM
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CHLOROPHYLL A **A10200H** Analyst: **EH**

Chlorophyll A, Corrected	15.4	1.00		mg/m ³	1	9/22/2021 4:31:00 PM
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Pheophytin	12.2	1.00		mg/m ³	1	9/22/2021 4:31:00 PM
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FLUORIDE **A4500-F-C** Analyst: **PS**

Fluoride	1.00	0.100		mg/L	1	9/24/2021 9:24:00 AM
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SULFATE **ASTM-D516-90** Analyst: **EH**

Sulfate	75.1	1.00		mg/L	1	9/23/2021 3:18:00 PM
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TOTAL DISSOLVED SOLIDS **A2540C** Analyst: **PS**

Total Dissolved Solids (Residue, Filterable)	252	20.0		mg/L	1	9/22/2021 3:30:00 PM
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TOTAL SOLIDS **A2540B** Analyst: **GC**

Total Solids	280	0.60		mg/L	1	9/22/2021 4:14:00 PM
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TOTAL SUSPENDED SOLIDS **A2540D** Analyst: **PS**

Qualifiers:
 H Holding times for preparation or analysis exceeded
 PL Permit Limit
 U Samples with CalcVal < MDL

ND Not Detected at the Reporting Limit
 RL Reporting Detection Limit
 W Sample container temperature is out of limit as specified at testcode



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Analytical Report

(continuous)

WO#: 2109708

Date Reported: 10/20/2021

CLIENT: Desoto County

Lab Order: 2109708

Project: DeSoto - WTP NPDES / Outfall

TOTAL SUSPENDED SOLIDS

A2540D

Analyst: **PS**

Residue, Suspended Solids	6.10	0.600	mg/L	1	9/21/2021 1:55:00 PM
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FIELD PARAMETERS

FLD

Analyst:

Conductivity, EPA 120.1	434.8	1.0	umhos/cm
Dissolved Oxygen, EPA 360.1	3.94	0.10	mg/L
pH,EPA 150.1	7.55	0.01	S.U.
Salinity	0.21	0.01	ppt
Temperature, EPA 170.1	26.0	0.1	deg C
Turbidity, EPA 180.1	11.6	0.01	NTU
Water Level	1	0.01	feet

Qualifiers:

H Holding times for preparation or analysis exceeded
 PL Permit Limit
 U Samples with CalcVal < MDL

ND Not Detected at the Reporting Limit
 RL Reporting Detection Limit
 W Sample container temperature is out of limit as specified at testcode



CHAIN OF CUSTODY RECORD

Project # (Lab Use Only) 2109708

Client: Desoto County
 Address: _____
 Phone: _____
 Fax: _____

Report To: _____
 E-mail: _____
 Bill to: _____
 P.O. # _____

Project Name: Outfall Lonesome cove
 Project Location: 13231 FL-674 lotra
 Customer Type: _____
 Kit #: _____
 Requested Due Date: _____

Preservative: HCL = H, HNO₃ = N, Na₂S₂O₃ = ST
 H₂SO₄ = S, NaOH = SH, NH₄Cl = NH

Sampled By (PRINT) <u>Jason Gamm</u>					Analysis Requested										Sample ID # (Lab Use Only)								
Sampler Signature <u>[Signature]</u>			Sample		Preservatives																		
Matrix	Sample Description	Date	Time	Type	pH	Ice	H2SO4	HNO3															
SW	Lonesome CO2 Outfall	9/2/21	10:20	G		X					X											X	1A
						X					X												1B
						X						X											1C
					1.5		X					X											1D
	Added 0.25ul HNO ₃ Lot R11263/4748 to 1E				1.5			X					X										1E
					6.0-10		X							X									1F
	Added 2ul HNO ₃ Lot R11263/4748 to 1H				6.5, 1.5			X							X	X							1G, 1H
						X											X						1I
Bottle Lot #	Comments	Relinquished By/Affiliation			Date	Time	Accepted By/Affiliation			Date	Time												
10 9039006 2620015 #036006 262966 80352006 1077003 3119022 2296115	5 1/2 hrs Field time	Okay to Run As Is... Client Initial: <u>[Signature]</u>			9/2/21	12:25	M/Km			9/2/2021	12:25												
21030 80271221	28.3°C	Samples On Ice Yes No																					

2x

2109708



Date: 9/21/21
 Field Tech: Scott Halbert
 Location: [Handwritten]

Site	Time	Flow* Ft/sec or tidal change	Total Depth ft	Sample Depth (ft)	Water Temp EPA 170.1 (C)	DO EPA 360.1 (mg/L)	DO (%)	Cond EPA 120.1 (umhos /cm)	Salinity M 250B (ppt)	pH EPA 150.1 (std units)	Turbidity EPA 180.1 (NTU)	Weather		Air Temp (C)	Secchi (ft)
												Cloud Cover	Wind		
Long Swamp 002 outlet	10:20	6-12 ft flow over weir	4.3 ft	HF	26.0	394	486	434.8	0.21	7.55	11.6	0% cover clear	SE 3 mph	27.77	

Tests/Bottles/Preservatives:		Equipment Used: (circle)		Comments:
250P	Lot # 8038006	Preservative Ice	Dip Stick	
500 RLO	8-038-009	H2SO4	Chlorine 0604D047281	
1LP200ml	8-038-001	HNO3	Multi Turb Depth Peri Pump Sub Pump	
2LP	10	Ice	18G102286 18051731 7307 3976 OO1637	
Other	10	HNO3	Secchi 4999	

Date Revised: 5/19/2020 Form ID: FF-03 Approved by: KS

IL 1077003 Ice Chlor-a
 IL 833540 H2SO4 FOG-02
 EL 533099 HNO3 Grass alpha

October 19, 2021

Tami Bright
Sanders Laboratories, Inc.
1050 Endeavor Court
Nokomis, FL 34275

RE: Project: 2109708
Pace Project No.: 35665780

Dear Tami Bright:

Enclosed are the analytical results for sample(s) received by the laboratory on September 22, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Greensburg

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

Sincerely,



Brad Smith
brad.smith@pacelabs.com
(386) 672-5668
Project Manager

Enclosures

cc: Katie Strothman, Sanders
Katie Strothman, Sanders Laboratories, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2109708
Pace Project No.: 35665780

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Florida: Cert E871149 SEKS WET
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991

Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 9526
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16

Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375

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CERTIFICATIONS

Project: 2109708

Pace Project No.: 35665780

Pace Analytical Services National

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LAO00356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Certification #: T 104704245-17-14

Texas Mold Certification #: LAB0152

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2109708
Pace Project No.: 35665780

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35665780001	2109708-001	Water	09/21/21 10:20	09/22/21 11:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2109708
Pace Project No.: 35665780

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35665780001	2109708-001	EPA 900.0	CLA	1	PASI-PA
		EPA 903.1	SLC	1	PASI-PA
		EPA 904.0	JC2	1	PASI-PA
		EPA 1664A	WAW	1	PAN

PAN = Pace National - Mt. Juliet

PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2109708
Pace Project No.: 35665780

Sample: 2109708-001 **Lab ID: 35665780001** Collected: 09/21/21 10:20 Received: 09/22/21 11:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Wet Chemistry 1664A									
Analytical Method: EPA 1664A Preparation Method: 1664A Pace National - Mt. Juliet									
Oil & Grease (Hexane Extr)	1.22 U	mg/L	5.26	1.22	1	10/03/21 17:52	10/04/21 00:44		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2109708
Pace Project No.: 35665780

QC Batch: 1750246	Analysis Method: EPA 1664A
QC Batch Method: 1664A	Analysis Description: Wet Chemistry 1664A
	Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 35665780001

METHOD BLANK: R3711855-1 Matrix: Water
Associated Lab Samples: 35665780001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Oil & Grease (Hexane Extr)	mg/L	1.16 U	5.00	1.16	10/04/21 00:44	

LABORATORY CONTROL SAMPLE & LCSD: R3711855-2 R3711855-3

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Oil & Grease (Hexane Extr)	mg/L	40.0	38.1	38.9	95.3	97.3	78.0-114	2.08	20	

MATRIX SPIKE SAMPLE: R3711855-4

Parameter	Units	L1409721-02 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil & Grease (Hexane Extr)	mg/L	ND	40.0	35.8	89.5	78.0-114	

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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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 2109708
Pace Project No.: 35665780

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Sample: 2109708-001 Lab ID: 35665780001 Collected: 09/21/21 10:20 Received: 09/22/21 11:40 Matrix: Water PWS: Site ID: Sample Type:						
	Pace Analytical Services - Greensburg					
Gross Alpha	EPA 900.0	12.0 ± 3.58 (2.61) C:NA T:NA	pCi/L	10/19/21 08:09	12587-46-1	
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	1.40 ± 0.791 (0.985) C:NA T:84%	pCi/L	10/19/21 14:41	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	0.920U ± 0.432 (0.920) C:68% T:85%	pCi/L	10/18/21 14:44	15262-20-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2109708
Pace Project No.: 35665780

QC Batch: 466844	Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1	Analysis Description: 903.1 Radium-226
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 35665780001

METHOD BLANK: 2254339 Matrix: Water

Associated Lab Samples: 35665780001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.163 ± 0.412 (0.764) C:NA T:91%	pCi/L	10/19/21 14:12	

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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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2109708
Pace Project No.: 35665780

QC Batch: 467699	Analysis Method: EPA 900.0
QC Batch Method: EPA 900.0	Analysis Description: 900.0 Gross Alpha/Beta
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 35665780001

METHOD BLANK: 2258320 Matrix: Water

Associated Lab Samples: 35665780001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	0.306 ± 0.688 (1.62) C:NA T:NA	pCi/L	10/19/21 08:09	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2109708
Pace Project No.: 35665780

QC Batch: 466845	Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0	Analysis Description: 904.0 Radium 228
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 35665780001

METHOD BLANK: 2254342 Matrix: Water

Associated Lab Samples: 35665780001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	-0.210 ± 0.268 (0.688) C:69% T:86%	pCi/L	10/18/21 11:48	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2109708
Pace Project No.: 35665780

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.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval).

Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

U Compound was analyzed for but not detected.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2109708
Pace Project No.: 35665780

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35665780001	2109708-001	EPA 900.0	467699		
35665780001	2109708-001	EPA 903.1	466844		
35665780001	2109708-001	EPA 904.0	466845		
35665780001	2109708-001	1664A	1750246	EPA 1664A	1750246

REPORT OF LABORATORY ANALYSIS

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CHAIN OF CUSTODY RECORD

Omega COCID 17824 PAGE: 1 OF: 1

ADDRESS
 Nokomis Lab01
 1050 Endeavor Court
 Nokomis, FL 34275
 TEL: (941) 234-1000
 FAX: (941) 484-6774
 Website: www.sanderslabs.net



WO# : 35665780



SUB CONTRACTOR: **Pace** COMPANY: **Pace Analytical** SPECIAL INSTRUCTIONS / COMMENTS:

ADDRESS: **8 East Tower Circle**

CITY, STATE, ZIP: **Ormond Beach, FL 32174**

PHONE: **(386) 676-4837** FAX: **(386) 673-4001** EMAIL:

ACCOUNT #:

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Merhanol Preserved Weights HOT Sample Notation, Additional Sample Description.
1	2109708-001F See Attached	Lonesome 002 Out		Surface Water	9/21/2021 10:20:00 AM	1	SW - FOG
2	2109708-001G See Attached	Lonesome 002 Out	1LCHNO3	Surface Water	9/21/2021 10:20:00 AM	1	SW - Gross Alpha
3	2109708-001H See Attached	Lonesome 002 Out	2L P HNO3	Surface Water	9/21/2021 10:20:00 AM	1	SW - Rads 226/228

Relinquished By: *[Signature]* Date: *9/21/2021* Time: *11:40*

Relinquished By: *[Signature]* Date: *9/21/2021* Time: *11:40*

Relinquished By: _____ Date: _____ Time: _____

TAT: Standard **RUSH** Next BD 2nd BD 3rd BD

REPORT TRANSMITTAL DESIRED:
 HARDCOPY (extra cost) FAX EMAIL ONLINE

FOR LAB USE ONLY
 Temp of samples _____ °C Attempt to Cool? _____
 Comments: _____

Note: RUSH requests will incur surcharges!

Sample Container Count

COC PAGE ___ of ___

Client: _____ Profile #: _____
 Site: _____ Notes: _____

COC Line Item	Matrix	AG1A	AG1G	AG1H	AG1S	AG1R	AG1U	AG2S	AG3T	AG3S	AG2U	AG3U	AG4S	AG4E	AP1U	BP1N	12GU	BP1U	BP1Z	AP1S	BP2N	12GN	BP2U	BP2S	BP3R	BP3B	BP3N	BP3F	BP3U	BP3S	BP3T	BP4U	BP4S	BP4N	BP4S	15P5T	ZPLC	EZH	TEDL	TU	EN		
1																																											
2					2																																						
3																																											
4																																											
5																																											
6																																											
7																																											
8																																											
9																																											
10																																											
11																																											
12																																											

Glass		Plastic		Misc.	
DG9H	40mL HCl amber vial	AP1U	1L Amber plastic	SP5T	Thiosulfate
DG9Y	40mL HCl amber vial	BP1N	1L HNO3 plastic	ZPLC	Ziploc Bag
DG9C	Citrate and Na Thiosulfate	12GU	1/2 GL jug unpreserved	GN	General
DG9A	glass	BP1U	1L unpreserved plastic	EZH	Encore soil
DG9T	HCl amber vial	BP1Z	1L NaOH Zn Acetate	TEDL	Air Bags
DG9U	40mL Na Thio amber vial	AP1S	1L H2SO4 Amber plastic	TU	Summa Can
DG9V	40mL amber unpreserved	BP2N	500mL HNO3 plastic		
DG9W	40mL HCl clear vial	12GN	1/2 GL HNO3 jug		
DG9X	40mL Na Thio clear vial	BP2U	500mL unpreserved plastic		
DG9Z	40mL unpreserved clear vial	BP2S	500mL H2SO4 plastic		
DG9A	HCl clear vial	BP3R	Hydroxide Buffer		
DG9B	glass	BP3B	250mL NaOH plastic	WT	Water
DG9C	40mL soil vial	BP3F	filtered	SL	Solid
DG9D		BP3N	250mL HNO3 plastic	NAL	Non-aqueous Liquid
DG9E		BP3U	250mL unpreserved plastic	OL	OIL
DG9F		BP3S	250mL H2SO4 plastic	WP	Wipe
DG9G		BP3T	250mL Trizma	DW	Drinking Water
DG9H		BP4U	125mL unpreserved plastic		
DG9I		BP4N	125mL HNO3 plastic		
DG9J		BP4S	125mL H2SO4 plastic		

Additional Comments



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

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

Sample Condition Upon Receipt Form (SCUR)

Project # **WO# : 35665780**
 Project Manager: **PM: BTS** Due Date: **10/06/21**
 Client: **CLIENT: SANLAB**

Date and Initials of person:
 Examining contents: _____
 Label: _____
 Deliver: _____
 pH: _____

Thermometer Used: T-389 Date: 9/22/21 Time: 1150 Initials: KMF

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

- Cooler #1 Temp. °C 3.2 (Visual) 10.0 (Correction Factor) 3.2 (Actual) Samples on ice, cooling process has begun
- Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun
- Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority
 Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # 8166 0944 4895

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

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

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

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

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ Date: _____