

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

Website: www.sanderslabs.net

September 07, 2022

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

FAX:

RE: Lonesome Mine Order No.: 2208490

Dear:

Sanders Laboratories, Inc received 1 sample(s) on 8/12/2022 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.

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#: **2208490**Date: **9/7/2022**

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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TEL: (239) 590-0337 FAX: (239) 590-0536 Website: www.sanderslabs.net **Analytical Report**

(continuous)

WO#: **2208490**Date Reported: **9/7/2022**

CLIENT: Desoto County Lab Order: 2208490

Project: Lonesome Mine

Lab ID: 2208490-001					022 10:35:00 AM
Client Sample ID: Outfall (Mine)			Ma	trix: SURF	ACE WATER
Analyses	Result	MDL Q	ual Units	DF	Date Analyzed
TOTAL NITROGEN			E351	.2	Analyst: GC
Nitrogen, Total	2.11	0.0300	mg/L	1	8/19/2022 2:31:00 PM
TOTAL PHOSPHOROUS			E365	5.4	Analyst: GC
Phosphorus, Total (As P)	0.714	0.0200	mg/L	1	8/19/2022 2:31:00 PM
CHLOROPHYLL A			A1020	00Н	Analyst: GC
Chlorophyll a	24.6	1.00	mg/m³	1	8/12/2022 2:19:00 PM
Chlorophyll A, Corrected	24.6	1.00	mg/m³	1	8/12/2022 2:19:00 PM
Pheophytin	12.1	1.00	mg/m³	1	8/12/2022 2:19:00 PM
FLUORIDE			A4500-	-F-C	Analyst: PS
Fluoride	1.60	0.100	mg/L	1	8/19/2022 9:30:00 AM
SULFATE			ASTM-D	516-90	Analyst: EH
Sulfate	180	1.00	mg/L	1	8/16/2022 4:26:00 PM
TOTAL SUSPENDED SOLIDS			A254	0D	Analyst: PS
Residue, Suspended Solids	3.9	0.6	mg/L	1	8/14/2022 1:00:00 PM
FIELD PARAMETERS			FLC)	Analyst:
Conductivity, EPA 120.1	610	1.0	umhos/cm		
Dissolved Oxygen, EPA 360.1	5.96	0.10	mg/L		
pH,EPA 150.1	7.59	0.01	S.U.		
Salinity	0.29	0.01	ppt		
Water Level	1	0.01	feet		

Qualifiers: H Holding times for preparation or analysis exceeded

PL Permit Limit

 $U \qquad Samples \ with \ Calc Val < MDL$

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#: **2208490**Date Reported: **9/7/2022**

CLIENT: Desoto County Lab Order: 2208490

Project: Lonesome Mine

Qualifiers:

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

Workorder # (Lab Use Only)

Env	rironmento	l Testino	g Services				Email:	Su	alla	era	des	utob	20((CUPITO	ject	Nan	ne:								
Client	De	esotz	Coun	LY		Re	port To	S, W	90	alla	ec			Pro	ject	Loca	ation	. '	L	un	res	MAC	- l	u	ne
Address	Kino	g Fr	ies	<u> </u>	e 2		Bill to):						Per	mit #	# :									
e e	,	,					P.O.	#						Kit	#:										
Phone					Pres	servati	ve: HCL	= H, HNO	₃ = N, N	a ₂ S ₂ O ₃ :	= ST/TI	nio		Re	ques	ted	Due	Date	e:						
					۲	I₂SO₄	= S, Na0	OH = SH, N	H ₄ Cl =	NH AA=	Ascort	oic Aci	d				Ana	lysis	Re	ques	sted				
Sampled B	y (PRINT)	Ch	Wishan	Bonilla						Pres	ervati	ves		-		U	to	0-6		R	HP				Sample ID#
Sampler Si	ignature	C	most				Sampl	e			Τ			35	X	20	2	bloco	as	6	grass 41/Ph	Rads	1.	Acres 18	(Lab Use Only)
Matrix		Sampl	le Description	on	D	ate	Time	Type (G=grab/C comp)	pH					4	+	8	1)	8		9	512		101	
Sw	0	HFal	11 (m	ine)	8/1	elu	1035	-						X									3	and a	8812 /A
-		1													X										IA
																X								The same of the sa	1R
																	X								10
	-																	X					T		10
									20			П							X				1	-	IE.
	Added .	3nel HM	Us Lot R	12/20/18/54/16	IL						\top	П		1						X			1	1	IF
1	Added	Year HA	03 lot A	16015547 tol)	40	V	4		45.24	9	T			T							2	X	X		16.14
Bottle Lot#	Chem ID	Exp Date	Comment	Okay to Run As	Re	linqu		By/Affili	MARKET AND DESCRIPTION OF THE PERSON NAMED IN		D	ate	Time	Ac	cept	ed E	By/A	ffilia	tion				Dat	e	Time
(0				Client Initial:			C	net l			8/	12/29	E 124	0 1	12	V-	1-	-4	4			2	8/12/2	22	12:48
2098007		-	-	Complex On	-	_				-	+	-		+				0				+	-	+	
-06bay			Temp °C ↓	Samples On Ice (thermal preservation)																					
2066018	(140334		6.40	Yes No				- 0-10																	

By signing the Chain of Custody, the client, acknowledges, and authorizes analysis of the parameters listed above. 201050 Endeavor Ct, Nokomis, FL 34275-3623 (941) 488-8103 fax(941) 484-6774

Form #: RCF-02 Approved KS 3/10/22

10090 Bavaria Rd., Fort Myers, FL 33913 (239) 590-0337 fax (239) 590-0536 form #. RCF -02 Approved by RS 7/11/2016



Date: 8/12/22
Field Tech: Kert Halbert (Wishambau)
Location: Desolo

														200000	
Site	Time	Flow* Ft/sec or tidal change	Total Depth ft		Water Temp EPA 170.1 (C)		DO (%)	Cond EPA 120.1 (umhos /cm)	Salinity M 250B (pp	pH EPA 150.1 (std units)	Turbidity EPA 180.1 (NTU)	Weathe Cloud Cover		Air Temp (C)	
utfall	135		5	1	29.0	5.96	68.6	610	0.20	7,59		20%			(ft)
														100	
														200	
													*		
	*								111						
						7.						N 1			
71			,							31.4					
	250P 500 P 1LP 2LP Other	Lot #	Preserva	tive C	Equipment U Dip Stick Chlorine Multi 18G102286 sed:5/19/2020	0604D0472 Turb 18051731	3 81 Depth 7307	Peri Pump 3976	Secchi Sub Pump OO1637	4999 o		Comments:	â	8) X	

250W 2000 018 HN09





September 06, 2022

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

RE: Project: 2208490

Pace Project No.: 35740166

Dear Tami Bright:

Enclosed are the analytical results for sample(s) received by the laboratory on August 16, 2022. 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 Charlotte
- Pace Analytical Services Ormond Beach
- 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

Bodles Smith

(386) 672-5668 Project Manager

Enclosures

cc: Sanders Labs Reporting (Email), Sanders Laboratories,

Inc.

Katie Strothman, Sanders

Katie Strothman, Sanders Laboratories, Inc.



(386)672-5668



CERTIFICATIONS

Project: 2208490
Pace Project No.: 35740166

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 Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mayica Certification #: PA01457

New Mexico Certification #: PA01457 New York/TNI Certification #: 10888 North Carolina Certification #: 42706 North Dakota Certification #: R-190 Ohio EPA Rad Approval: #41249

Missouri Certification #: 235

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 #: 460198
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 Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST Alabama Certification #: 41320

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079 Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383 Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity Louisiana Environmental Certificate #: 05007

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

(386)672-5668



CERTIFICATIONS

Project: 2208490
Pace Project No.: 35740166

Pace Analytical Services Ormond Beach

Wisconsin Certification #: 399079670 Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006 South Carolina Certification #: 99006001

9800 Kincey Ave. Ste 100, Huntersville, NC 28078 South Carolina Drinking Water Cert. #: 99006003

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

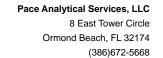
South Carolina Laboratory ID: 99006

Florida/NELAP Certification #: 84

Kentucky UST Certification #: 84

Louisiana DoH Drinking Water #: LA029

Virginia/VELAP Certification #: 460221





SAMPLE SUMMARY

Project: 2208490
Pace Project No.: 35740166

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35740166001	2208490-001	Water	08/12/22 10:35	08/16/22 11:35



SAMPLE ANALYTE COUNT

Project: 2208490
Pace Project No.: 35740166

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35740166001	2208490-001	EPA 1664B	REL	1	PASI-C
		EPA 200.8	LEC	1	PASI-O
		EPA 900.0	KET	1	PASI-PA
		EPA 903.1	SLC	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA

PASI-C = Pace Analytical Services - Charlotte
PASI-O = Pace Analytical Services - Ormond Beach
PASI-PA = Pace Analytical Services - Greensburg



ANALYTICAL RESULTS

Project: 2208490
Pace Project No.: 35740166

Date: 09/06/2022 04:01 PM

Sample: 2208490-001	Lab ID:	35740166001	Collecte	ed: 08/12/22	2 10:35	Received: 08/	/16/22 11:35 M	atrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
HEM, Oil and Grease	•	Method: EPA 1							
Oil and Grease	1.1 U	mg/L	5.1	1.1	1		08/25/22 23:00		
200.8 MET ICPMS	•	Method: EPA 2			od: EF	PA 200.8			
Arsenic	0.011	mg/L	0.0010	0.00050	1	08/24/22 02:22	08/24/22 11:52	7440-38-2	



Parameter

Oil and Grease

Date: 09/06/2022 04:01 PM

Units

mg/L

Result

7.4

QUALITY CONTROL DATA

Project: 2208490 Pace Project No.: 35740166 QC Batch: 719673 Analysis Method: **EPA 1664B** QC Batch Method: **EPA 1664B** Analysis Description: 1664 HEM, Oil and Grease Laboratory: Pace Analytical Services - Charlotte Associated Lab Samples: 35740166001 METHOD BLANK: 3750858 Matrix: Water Associated Lab Samples: 35740166001 Blank Reporting MDL Qualifiers Parameter Units Result Limit Analyzed Oil and Grease 1.1 U 5.0 1.1 08/25/22 23:00 mg/L LABORATORY CONTROL SAMPLE: 3750859 Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Oil and Grease mg/L 40 35.6 89 78-114 MATRIX SPIKE SAMPLE: 3750860 35740651001 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 1.8 I Oil and Grease mg/L 34.4 78-114 38.8 84 SAMPLE DUPLICATE: 3750861 35740810002 Dup Max

Result

8.9

RPD

18

RPD

30

Qualifiers

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.



Arsenic

Date: 09/06/2022 04:01 PM

QUALITY CONTROL DATA

2208490 Project: Pace Project No.: 35740166 QC Batch: 850609 Analysis Method: EPA 200.8 QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET Laboratory: Pace Analytical Services - Ormond Beach Associated Lab Samples: 35740166001 METHOD BLANK: Matrix: Water Associated Lab Samples: 35740166001 Blank Reporting Qualifiers Parameter Units Result Limit MDL Analyzed Arsenic 0.00050 U 0.0010 0.00050 08/24/22 13:33 mg/L LABORATORY CONTROL SAMPLE: 4680288 Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Arsenic 0.05 0.051 103 85-115 mg/L MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4680289 4680290 MSD MS 35739603001 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Result Result **RPD** RPD Result Conc. % Rec % Rec Limits Qual 0.50 U 20 Arsenic mg/L 0.05 0.05 0.053 0.051 106 102 70-130 3 ug/L MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4680291 4680292 MS MSD 35741812001 Spike MS MSD MS MSD Spike % Rec Max Result RPD Parameter Units Result Conc. Conc. Result % Rec % Rec Limits **RPD** Qual

0.013

mg/L

0.05

0.05

0.066

0.066

107

105

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.

REPORT OF LABORATORY ANALYSIS

20



ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 2208490
Pace Project No.: 35740166

Sample: 2208490-001 PWS:	Lab ID: 3574 Site ID:	0166001 Collected: 08/12/22 10:35 Sample Type:	Received:	08/16/22 11:35 N	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Gross Alpha	EPA 900.0	9.74 ± 2.72 (2.03) C:NA T:NA	pCi/L	08/26/22 18:35	12587-46-1	
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 903.1	0.946U ± 0.510 (0.946) C:NA T:96%	pCi/L	08/30/22 12:07	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 904.0	1.18U ± 0.504 (1.18) C:70% T:63%	pCi/L	09/02/22 15:18	15262-20-1	



QUALITY CONTROL - RADIOCHEMISTRY

Project: 2208490
Pace Project No.: 35740166

QC Batch: 527683 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: 35740166001

METHOD BLANK: 2560349 Matrix: Water

Associated Lab Samples: 35740166001

 Parameter
 Act ± Unc (MDC) Carr Trac
 Units
 Analyzed
 Qualifiers

 Radium-226
 0.000 ± 0.484 (1.02) C:NA T:65%
 pCi/L
 08/30/22 11:32

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



QUALITY CONTROL - RADIOCHEMISTRY

Project: 2208490
Pace Project No.: 35740166

QC Batch: 528065

QC Batch Method: EPA 900.0

Analysis Method: EPA 900.0

Analysis Description:

900.0 Gross Alpha/Beta

Laboratory:

Pace Analytical Services - Greensburg

Associated Lab Samples: 35740166001

METHOD BLANK: 2562034

Matrix: Water

Associated Lab Samples: 35740166001

Parameter

Act ± Unc (MDC) Carr Trac

Units

Analyzed

Qualifiers

Gross Alpha

0.656 ± 0.708 (1.37) C:NA T:NA

pCi/L

08/28/22 12:50

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.



QUALITY CONTROL - RADIOCHEMISTRY

Project: 2208490 Pace Project No.: 35740166

QC Batch:

527685 QC Batch Method: EPA 904.0 Analysis Method: Analysis Description:

Laboratory:

EPA 904.0

904.0 Radium 228

Pace Analytical Services - Greensburg

Associated Lab Samples: 35740166001

METHOD BLANK: 2560353

Matrix: Water

Associated Lab Samples: 35740166001

Parameter

Act ± Unc (MDC) Carr Trac

Units

Analyzed

Qualifiers

Radium-228

0.272 ± 0.373 (0.796) C:80% T:67%

pCi/L

09/02/22 15:16

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: 2208490
Pace Project No.: 35740166

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

Date: 09/06/2022 04:01 PM

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



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2208490
Pace Project No.: 35740166

Date: 09/06/2022 04:01 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
35740166001	2208490-001	EPA 1664B	719673		
35740166001	2208490-001	EPA 200.8	850609	EPA 200.8	850622
35740166001	2208490-001	EPA 900.0	528065		
35740166001	2208490-001	EPA 903.1	527683		
35740166001	2208490-001	EPA 904.0	527685		

CHAIN OF CUSTODY RECORD

WO#: 35740166

Sanders (Laboratories

Omega COCID 20240

OF: PAGE:

1050 Endeavor Court Nokomis Lab01

Nokomis, FL 34275 TEL: (941) 234-1000 FAX: (941) 484-6774

Website: www.sanderslabs.net

SUB CONT	SUB CONTRATOR: Pace	COMPANY:	Pace Analyti	ical	SPECIAL INSTRUCTIONS / COMMENTS:	COMMENTS:	
ADDRESS:	8 East Tower Circle	rcle					
CITY, STAT	CITY, STATE, ZIP: Ormond Beach, FL 32174	FL 32174					
PHONE: (3	PHONE: (386) 676-4837 FAX: (3	FAX: (386) 673-4001 EMAIL:	-3				
ACCOUNT #:							
ITEM #	SAMPLE ID	CLENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
7	2208490-001E	Outfall (Mine)		Surface Water	8/12/2022 10:35:00 AM	1	SW - 200.8 - As
-	See Attached						
	2208490-001F	Outfall (Mine)		Surface Water	8/12/2022 10:35:00 AM	++	SW - FOG
7	See Attached						
	2208490-001G	Outfall (Mine)		Surface Water	8/12/2022 10:35:00 AM	1	SW - Gross Alpha
9	See Attached						
,	2208490-001H	Outfall (Mine)		Surface Water	8/12/2022 10:35:00 AM	П	SW - Rads 226/228
4	See Attached						

HARDCOPY (extra cost) FAX FOR LAB USE C Temp of samples S.S. °C A Comments:	Reinquisted By.	Defe.	The Trans	Received By:	4	ig .	Kallar Kallar	REPORT TRANSMITTAL DESIRED.	
Date: Time: Received By: Date: Time: Standard □ RUSH Next BD □ 2nd BD □ 3rd BD □ Standard □ RUSH requests will incur surchastest Comments:	Relinquished By:	Since	Time:		Dai	ig:	Time:		CNIDE
Standard C RUSH Next BD 2nd BD 3rd BD Comments: Note: RUSH requests will incur surcharges!	o G Relinquished By:	Date:	Time:	Received By:	Dat	ıte:	Time:		
Note: RUSH requests will incur suncharges!	15 d TAT:	Standard	RUSH		2nd BD □	3rd BL			1
	6			Note: RUSH reque	ests will incur surcha	inest		77 (8) (7)	

Version: 3 | Effective Date: 12/29/2021 | Issued by: Ormond Beach

Project #

#:35740166

Due Date: 08/23/22

CLIENT: SANLAB

□Yes

□ No □N/A

Date and Initials of person:

Examining contents: ______

Project Manager: Label: Client: Deliver: pH: Date: 8.16.22 Thermometer Used: T-394 Time: \2\c State of Origin: For WV projects, all containers verified to ≤6 °C Cooler #1 Temp.*C 5 3 (Visual) (Correction Factor) 5.3 (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 Recheck for OOT °C (Visual) ____(Correction Factor) _ _(Actual) Time:_ _ Initials:_ ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client □ Other ☐ Commercial ☐ Pace ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority ☐ Other Billing: Recipient ☐ Sender ☐ Third Party ☐ Credit Card □ Unknown 8166 0944 Tracking # Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Melted 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 ☐Yes ☐ No ☐N/A Chain of Custody Filled Out ☑Yes □ No □N/A Relinquished Signature & Sampler Name COC ☐Yes ☐ No ☐N/A Samples Arrived within Hold Time ☑Yes □ No □N/A Rush TAT requested on COC □Yes □ No □N/A Sufficient Volume ✓Yes □ No □N/A Correct Containers Used ☐Yes ☐ No ☐N/A Containers Intact □Yes □ No □N/A Sample Labels match COC (sample IDs & date/time of collection) ☐Yes ☐ No ☐N/A All containers needing acid/base preservation have Preservation Information: been checked. □ No □N/A Preservative: All Containers needing preservation are found to be in Lot #/Trace #: compliance with EPA recommendation: Yes □ No □N/A Date: Time: Exceptions: Vials, Microbiology, O&G, PFAS Initials: Headspace in VOA Vials? (>6mm): □ No □N/A □Yes

Comments/ Resolution (use back for additional comments):

Trip Blank Present: