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

April 24, 2017

Ray
Medallion Homes
1651 Whitfield Ave
Sarasota, FL 34243
TEL:
FAX

RE: Waverley - SW Order No.: 1704329

Dear Ray:

Sanders Laboratories, Inc received 1 sample(s) on 4/10/2017 for the analyses presented in the following report.

These pages may include, but are not limited to: Analytical Data, Chains of Custodies, Subcontracted Data and Case Narratives.

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.

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Definition Only

WO#: **1704329**

Date: **4/24/2017**

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.

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#: **1704329**

Date Reported: **4/24/2017**

CLIENT: Medallion Homes **Lab Order:** 1704329

Project: Waverley - SW

Lab ID: 1704329-001 **Collection Date:** 4/10/2017 9:50:00 AM

Client Sample ID: 6685 Clark Rd Creek **Matrix:** SURFACE WATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
FECAL COLIFORM				**A9222D**		Analyst: **DJ**
Coliform, Fecal	2,300	100		CFU/100ml	1	4/10/2017 12:40:00 PM
TOTAL COLIFORM MEMBRANE FILTER				**A9222B**		Analyst: **DJ**
Coliform, Total	4,000	1,000		CFU/100ml	1	4/10/2017 12:40:00 PM
Escherichia Coli	2,300	100		CFU/100ml	1	4/10/2017 12:40:00 PM
AMMONIA				**E350.1**		Analyst: **GC**
Nitrogen, Ammonia	ND	0.01		mg/L	1	4/11/2017 12:42:00 PM
NITROGEN, NITRITE				**E353.2**		Analyst: **DJ**
Nitrogen, Nitrite	0.09	0.03	I	mg/L	1	4/11/2017 4:20:00 PM
NITROGEN, NITRATE + NITRITE				**E353.2**		Analyst: **GC**
Nitrogen, Nitrate	0.94	0.01		mg/L	1	4/10/2017 4:10:00 PM
ORTHO PHOSPHATE				**A4500-P-E**		Analyst: **GC**
Ortho Phosphate	0.03	0.01	I	mg/L	1	4/11/2017 4:26:00 PM
TOTAL KJELDAHL NITROGEN				**E351.2**		Analyst: **KLC**
Nitrogen, Kjeldahl, Total	1.21	0.10		mg/L	1	4/14/2017 10:35:00 AM
TOTAL NITROGEN				**E351.2**		Analyst: **KLC**
Nitrogen, Total	2.2	0.1		mg/L	1	4/14/2017 10:35:00 AM
TOTAL PHOSPHOROUS				**E365.4**		Analyst: **KLC**

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode
M	Manual Integration used to determine area response
PL	Permit Limit
U	Samples with CalcVal < MDL

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Analytical Report

(continuous)

WO#: **1704329**

Date Reported: **4/24/2017**

CLIENT: Medallion Homes **Lab Order:** 1704329

Project: Waverley - SW

TOTAL PHOSPHOROUS				**E365.4**		Analyst: **KLC**
Phosphorus, Total (As P)	0.50	0.05		mg/L	1	4/14/2017 10:35:00 AM
MERCURY				**E245.1**		Analyst: **Pace**
Mercury	ND	0.0001000		mg/L	1	4/17/2017 12:56:00 PM
METALS				**E200.8**		Analyst: **Pace**
Arsenic	0.002300	0.0005000		mg/L	1	4/21/2017 8:29:00 AM
Cadmium	0.0002000	0.00005000		mg/L	1	4/21/2017 8:29:00 AM
Chromium	0.003600	0.0005000		mg/L	1	4/21/2017 8:29:00 AM
Copper	0.001300	0.0009300		mg/L	1	4/21/2017 8:29:00 AM
Lead	0.0007400	0.0005000	I	mg/L	1	4/21/2017 8:29:00 AM
Nickel	0.001700	0.0006200		mg/L	1	4/21/2017 8:29:00 AM
Zinc	0.01200	0.004300		mg/L	1	4/21/2017 8:29:00 AM
BIOLOGICAL OXYGEN DEMAND				**A5210B**		Analyst: **KLC**
Biochemical Oxygen Demand	4	2		mg/L	1	4/11/2017 4:56:00 PM
CHLOROPHYLL A				**A10200H**		Analyst: **GC**
Chlorophyll a	7	1		mg/m³	1	4/10/2017 2:36:00 PM
CHLORIDE				**A4500-CL-E**		Analyst: **GC**
Chloride	75	1		mg/L	1	4/12/2017 12:39:00 PM
FIELD PARAMETERS				**FLD**		Analyst: **JG**
Conductivity, EPA 120.1	970	1.0		umhos/cm		
Dissolved Oxygen, EPA 360.1	5.08	0.10		mg/L		
pH,EPA 150.1	7.66	0.01		S.U.		
Temperature, EPA 170.1	24.1	0.1		deg C		
Turbidity, EPA 180.1	19.74	0.01		NTU		4/10/2017 9:50:00 AM

Qualifiers:

H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
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W	Sample container temperature is out of limit as specified at testcode
M	Manual Integration used to determine area response
PL	Permit Limit
U	Samples with CalcVal < MDL

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Analytical Report

(continuous)

WO#: **1704329**

Date Reported: **4/24/2017**

CLIENT: Medallion Homes

Project: Waverley - SW

Lab Order: 1704329

Qualifiers:		
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	RL	Reporting Detection Limit
	W	Sample container temperature is out of limit as specified at testcode
	M	Manual Integration used to determine area response
	PL	Permit Limit
	U	Samples with CalcVal < MDL

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 1704329

Sanders Laboratories, Inc.
Environmental & Food Analyses

Client: Medallion Homes
Address: 1651 Whitfield Ave
Sarasota, FL 34243
Phone: 941-359-9000
Fax:

Report To: Pete Logan
E-mail : petel@medallionhome.com
Bill to:
P.O. #

Project Name: Waverly
Project Location:
Customer Type:
Kit #:
Requested Due Date: 4/24/17

Preservative: HCL = H, HNO_3= N, $Na_2S_2O_3$ = ST
H_2SO_4 = S, NaOH = SH, NH_4Cl = NH

Sampled By (PRINT): Jason Govanus
Sampler Signature:

Matrix	Sample Description	Sample Date	Sample Time	Sample Type	Preservatives pH	Ice	S	ST	N		Field	Analysis Requested: Cl- O-Phos	NO2 NO3	TN TP TKN NH3	BOD-5	Chlorophyll-A	TC / FC	Metals**	EPA 8082	EPA 8081	EPA 8151	EPA 8141	Sample ID # (Lab Use Only)
SW	6685 Clark rd creek	4/10/17	09:50	G		X					X	X											1A
						X							X										1B
					2	X	X							X									1C
						X									X								1D
						X										X							1E
						X		X									X						1F / 1G
					2	X			X									X					1H
						X													X	X	X	X	1I

Bottle Lot #	Comments
3-121-006	**Metals: Pb, Zn, Cu, Ni, As ✓ ✓ ✓ ✓ ✓
3-121-007	Cd, Cr, Hg ✓ ✓
5-260-008	
5-260-009	
5-201-006	11.4°C

Okay to Run As Is...
Client Initial:

Samples On Ice
(Yes) No

Relinquished By/Affiliation	Date	Time	Accepted By/Affiliation	Date	Time
	4/10/17	11:00		4/10/17	11:00

SCANNED

1050 Endeavor Ct, Nokomis, FL 34275-3623 (941) 488-8103 fax(941) 484-6774 10090 Bavaria Rd., Fort Myers, FL 33913 (239) 590-0337 fax (239) 590-0536

1704329

Sanders Laboratories

Sanders Laboratories Inc
Surface Water Log

Revision: 7/20/2012

Date: 4-10-17
Field Tech: Jason Govanus
Location: Waverly

Site	Time	Flow* Ft/sec or tidal change	Total Depth (ft)	Sample Depth (ft)	Water Temp (C)	DO (mg/L)	DO (%)	Cond (umhos/cm)	Salinity (ppt)	pH (std units)	Turbidity (NTU)	Weather Cloud Cover	Weather Wind	Air Temp (C)	Secchi (ft)
In back of property 6685 clark rd.	09:50	no flow	0.5 ft	0.5 ft	24.1	5.08	60.6	970	0.48	7.66	19.74	0% cover	ENE 8mph	19.44	

Tests/Bottles/Preservatives:

	Lot #	Preservative
250P		
500 P		
1LP		
2LP		
[illegible]		

Equipment Used: (circle)

Dip Stick 1 2

Multi	Turb	Depth	Peri Pump	Sub Pump
JCO20973	412163	3434	2250	18229.00
JCO13613	[illegible]	[illegible]	91351.103	1574.00

SCANNED

Comments:

Form # FF-03 Approved by: KS 10/1/2015

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

April 20, 2017

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

RE: Project: 1704329
Pace Project No.: 35306210

Dear Tami Bright:
Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

V. Brown

Veronica Brown
veronica.brown@pacelabs.com
(386) 672-5668
Project Manager

Enclosures

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

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Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

CERTIFICATIONS

Project: 1704329
Pace Project No.: 35306210

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
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
Wyoming Certification: FL NELAC Reciprocity
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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Ormond Beach, FL 32174
(386)672-5668

SAMPLE SUMMARY

Project: 1704329
Pace Project No.: 35306210

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35306210001	**1704329-001I**	Water	04/10/17 09:50	04/13/17 12:06

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Ormond Beach, FL 32174
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SAMPLE ANALYTE COUNT

Project: 1704329
Pace Project No.: 35306210

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35306210001	**1704329-001I**	EPA 8081	JLG	22	PASI-O
		EPA 8082	JLG	9	PASI-O
		EPA 8141	JGW	18	PASI-O
		EPA 8151	LJM	11	PASI-O

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ANALYTICAL RESULTS

Project: 1704329
Pace Project No.: 35306210

Sample: 1704329-001I **Lab ID: 35306210001** Collected: 04/10/17 09:50 Received: 04/13/17 12:06 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	**0.0000015 U**	mg/L	0.000010	0.0000015	1	04/17/17 11:30	04/18/17 13:28	309-00-2	
alpha-BHC	**0.0000021 U**	mg/L	0.000010	0.0000021	1	04/17/17 11:30	04/18/17 13:28	319-84-6	
beta-BHC	**0.0000082 U**	mg/L	0.000010	0.0000082	1	04/17/17 11:30	04/18/17 13:28	319-85-7	
delta-BHC	**0.0000049 U**	mg/L	0.000010	0.0000049	1	04/17/17 11:30	04/18/17 13:28	319-86-8	
gamma-BHC (Lindane)	**0.0000022 U**	mg/L	0.000010	0.0000022	1	04/17/17 11:30	04/18/17 13:28	58-89-9	
Chlordane (Technical)	**0.00018 U**	mg/L	0.00051	0.00018	1	04/17/17 11:30	04/18/17 13:28	57-74-9	
4,4'-DDD	**0.0000091 U**	mg/L	0.000010	0.0000091	1	04/17/17 11:30	04/18/17 13:28	72-54-8	
4,4'-DDE	**0.0000051 U**	mg/L	0.000010	0.0000051	1	04/17/17 11:30	04/18/17 13:28	72-55-9	
4,4'-DDT	**0.0000051 U**	mg/L	0.000010	0.0000051	1	04/17/17 11:30	04/18/17 13:28	50-29-3	
Dieldrin	**0.0000020 U**	mg/L	0.000010	0.0000020	1	04/17/17 11:30	04/18/17 13:28	60-57-1	
Endosulfan I	**0.0000052 U**	mg/L	0.000010	0.0000052	1	04/17/17 11:30	04/18/17 13:28	959-98-8	
Endosulfan II	**0.0000041 U**	mg/L	0.000010	0.0000041	1	04/17/17 11:30	04/18/17 13:28	33213-65-9	
Endosulfan sulfate	**0.0000063 U**	mg/L	0.00010	0.0000063	1	04/17/17 11:30	04/18/17 13:28	1031-07-8	
Endrin	**0.0000044 U**	mg/L	0.000010	0.0000044	1	04/17/17 11:30	04/18/17 13:28	72-20-8	
Endrin aldehyde	**0.0000037 U**	mg/L	0.00010	0.0000037	1	04/17/17 11:30	04/18/17 13:28	7421-93-4	
Endrin ketone	**0.0000051 U**	mg/L	0.000010	0.0000051	1	04/17/17 11:30	04/18/17 13:28	53494-70-5	
Heptachlor	**0.0000063 U**	mg/L	0.000010	0.0000063	1	04/17/17 11:30	04/18/17 13:28	76-44-8	
Heptachlor epoxide	**0.0000053 U**	mg/L	0.000010	0.0000053	1	04/17/17 11:30	04/18/17 13:28	1024-57-3	
Methoxychlor	**0.0000098 U**	mg/L	0.000010	0.0000098	1	04/17/17 11:30	04/18/17 13:28	72-43-5	
Toxaphene	**0.00025 U**	mg/L	0.00051	0.00025	1	04/17/17 11:30	04/18/17 13:28	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	74	%	27-124		1	04/17/17 11:30	04/18/17 13:28	877-09-8	
Decachlorobiphenyl (S)	72	%	10-132		1	04/17/17 11:30	04/18/17 13:28	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
PCB-1016 (Aroclor 1016)	**0.000081 U**	mg/L	0.00050	0.000081	1	04/15/17 11:40	04/15/17 21:14	12674-11-2	
PCB-1221 (Aroclor 1221)	**0.000082 U**	mg/L	0.00050	0.000082	1	04/15/17 11:40	04/15/17 21:14	11104-28-2	
PCB-1232 (Aroclor 1232)	**0.00012 U**	mg/L	0.00050	0.00012	1	04/15/17 11:40	04/15/17 21:14	11141-16-5	
PCB-1242 (Aroclor 1242)	**0.00013 U**	mg/L	0.00050	0.00013	1	04/15/17 11:40	04/15/17 21:14	53469-21-9	
PCB-1248 (Aroclor 1248)	**0.00028 U**	mg/L	0.00050	0.00028	1	04/15/17 11:40	04/15/17 21:14	12672-29-6	
PCB-1254 (Aroclor 1254)	**0.00015 U**	mg/L	0.00050	0.00015	1	04/15/17 11:40	04/15/17 21:14	11097-69-1	
PCB-1260 (Aroclor 1260)	**0.00011 U**	mg/L	0.00050	0.00011	1	04/15/17 11:40	04/15/17 21:14	11096-82-5	

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Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: 1704329
Pace Project No.: 35306210

Sample: 1704329-001I **Lab ID: 35306210001** Collected: 04/10/17 09:50 Received: 04/13/17 12:06 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
Surrogates									
Tetrachloro-m-xylene (S)	53	%	21-126		1	04/15/17 11:40	04/15/17 21:14	877-09-8	
Decachlorobiphenyl (S)	43	%	10-140		1	04/15/17 11:40	04/15/17 21:14	2051-24-3	
8141 GCS O/P Pesticides	Analytical Method: EPA 8141 Preparation Method: EPA 3510								
Atrazine	**0.69 U**	ug/L	1.5	0.69	1	04/17/17 08:20	04/19/17 20:50	1912-24-9	
Azinphos, methyl (Guthion)	**0.28 U**	ug/L	0.51	0.28	1	04/17/17 08:20	04/19/17 20:50	86-50-0	
Carbophenothion (Trithion)	**0.24 U**	ug/L	0.51	0.24	1	04/17/17 08:20	04/19/17 20:50	786-19-6	
Chlorpyrifos	**0.25 U**	ug/L	0.51	0.25	1	04/17/17 08:20	04/19/17 20:50	2921-88-2	
Coumaphos	**0.27 U**	ug/L	0.51	0.27	1	04/17/17 08:20	04/19/17 20:50	56-72-4	
Diazinon	**0.26 U**	ug/L	0.51	0.26	1	04/17/17 08:20	04/19/17 20:50	333-41-5	
Dichlorvos	**0.20 U**	ug/L	0.51	0.20	1	04/17/17 08:20	04/19/17 20:50	62-73-7	
Dimethoate	**0.24 U**	ug/L	0.51	0.24	1	04/17/17 08:20	04/19/17 20:50	60-51-5	
Disulfoton	**0.26 U**	ug/L	0.51	0.26	1	04/17/17 08:20	04/19/17 20:50	298-04-4	
Ethion	**0.28 U**	ug/L	0.51	0.28	1	04/17/17 08:20	04/19/17 20:50	563-12-2	
Famphur	**0.30 U**	ug/L	0.51	0.30	1	04/17/17 08:20	04/19/17 20:50	52-85-7	
Malathion	**0.28 U**	ug/L	0.51	0.28	1	04/17/17 08:20	04/19/17 20:50	121-75-5	
Methyl parathion	**0.27 U**	ug/L	0.51	0.27	1	04/17/17 08:20	04/19/17 20:50	298-00-0	
Mevinphos	**0.23 U**	ug/L	0.51	0.23	1	04/17/17 08:20	04/19/17 20:50	7786-34-7	
Parathion (Ethyl parathion)	**0.48 U**	ug/L	1.0	0.48	1	04/17/17 08:20	04/19/17 20:50	56-38-2	
Phorate	**0.43 U**	ug/L	1.0	0.43	1	04/17/17 08:20	04/19/17 20:50	298-02-2	
Phosmet	**0.28 U**	ug/L	0.51	0.28	1	04/17/17 08:20	04/19/17 20:50	732-11-6	
Surrogates									
Triphenylphosphate (S)	85	%	39-133		1	04/17/17 08:20	04/19/17 20:50	115-86-6	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151								
Bentazon	**0.049 U**	ug/L	0.098	0.049	1	04/17/17 17:45	04/19/17 21:38	25057-89-0	
2,4-D	**0.23 U**	ug/L	0.97	0.23	1	04/17/17 17:45	04/19/17 21:38	94-75-7	
Dalapon	**0.44 U**	ug/L	0.94	0.44	1	04/17/17 17:45	04/19/17 21:38	75-99-0	
2,4-DB	**0.53 U**	ug/L	2.0	0.53	1	04/17/17 17:45	04/19/17 21:38	94-82-6	
Dicamba	**0.031 U**	ug/L	0.097	0.031	1	04/17/17 17:45	04/19/17 21:38	1918-00-9	
Dinoseb	**0.059 U**	ug/L	0.20	0.059	1	04/17/17 17:45	04/19/17 21:38	88-85-7	
Pentachlorophenol	**0.018 U**	ug/L	0.029	0.018	1	04/17/17 17:45	04/19/17 21:38	87-86-5	
Picloram	**0.020 U**	ug/L	0.098	0.020	1	04/17/17 17:45	04/19/17 21:38	1918-02-1	
2,4,5-T	**0.043 U**	ug/L	0.20	0.043	1	04/17/17 17:45	04/19/17 21:38	93-76-5	
2,4,5-TP (Silvex)	**0.051 U**	ug/L	0.20	0.051	1	04/17/17 17:45	04/19/17 21:38	93-72-1	
Surrogates									
2,4-DCAA (S)	99	%	39-139		1	04/17/17 17:45	04/19/17 21:38	19719-28-9	

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Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALIFIERS

Project: 1704329
Pace Project No.: 35306210

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach

BATCH QUALIFIERS

Batch: 362828

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 363136

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 363326

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

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

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Ormond Beach, FL 32174
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1704329
Pace Project No.: 35306210

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35306210001	**1704329-001I**	EPA 3510	362723	EPA 8081	363136
35306210001	**1704329-001I**	EPA 3510	362718	EPA 8082	362828
35306210001	**1704329-001I**	EPA 3510	362735	EPA 8141	363326
35306210001	**1704329-001I**	EPA 8151	362721	EPA 8151	363518

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Sanders Laboratories
Environmental Testing Services

CHAIN OF CUSTODY RECORD

Omega COCID 2624	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

SUB CONTRATOR:	Pace	COMPANY:	Pace Analytical
ADDRESS:	8 East Tower Circle		
CITY, STATE, ZIP:	Ormond Beach, FL 32174		
PHONE:	(386) 676-4837	FAX: (386) 673-4001	EMAIL:
ACCOUNT #:			

SPECIAL INSTRUCTIONS / COMMENTS:

WO# : 35306210

35306210

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
1	1704329-001I	6685 Clark Rd Cree		Surface Water	4/10/2017 9:50:00 AM	1	EPA 8082, EPA 8081, EPA 8151, EPA 8141
	See Attached						

Relinquished By:	Date: 4/10/17	Time: 16:32	Received By:	Date: 4/5/17	Time: 1206
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

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

Note: RUSH requests will incur surcharges!

REPORT TRANSMITTAL DESIRED:

☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY

Temp of samples 19.4 °C Attempt to Cool ?

Comments: T285

Pace Analytical Florida Laboratory	Document Name: Sample Condition Upon Receipt Form	Document Revised: February 6, 2017
	Document No.: F-FL-C-007 rev. 11	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project # WO#: 35306210

Project Manager: PM: VAB Due Date: 04/20/17

Client: CLIENT: SANLAB

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

Thermometer Used: T186 Date: 4/13/17 Time: 1010 Initials:

Cooler #1 Temp.°C	19.3 (Visual)	+0.1 (Correction Factor)	19.4 (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 ☐ Other

Billing: ☐ Recipient ☒ Sender ☐ Third Party ☐ Unknown

Tracking # 7180 9437 8320

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No **Seals intact:** ☐ Yes ☐ No **Ice:** ☒ Wet ☐ Blue ☐ 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 been checked.	☐ Yes ☐ No ☑ 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	☐ Yes ☐ No ☑ N/A	
Headspace in VOA Vials? (>6mm):	☐ Yes ☐ No ☑ N/A	
Trip Blank Present:	☐ Yes ☐ No ☑ N/A	

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

Comments/ Resolution (use back for additional comments):
OK to run tests out per history

Project Manager Review: Date: