



1602 Clare Avenue  
West Palm Beach, FL 33401  
t: 561.833.4200 | info@evergladeslabs.com

**Sam Payson**  
**Northern Palm Beach County Improvement District**  
**359 Hiatt Drive**  
**Palm Beach Gardens FL 33418**

The accompanying report provides the analytical results for the samples listed below. This report is created directly from our database system. The format is designed to comply with the reporting requirements of Chapter 62-160 Florida Administrative Code. The reported data is divided into several sections. Information about each sample is separated by bold lines. In this grouping, sample information appears first which includes the sample number, date and time of collection and receipt in the laboratory, sample collector, sample identifiers and the receipt condition. Each analyte is listed below the appropriate header, starting with METHOD. The Method number, analyte name, results, date (and time) of extraction and analysis, analyst initials, MDL, PQL, batch number, CAS number, duplicate analysis if available, bottle number and field preservation information are listed. Quality assurance information is below the analysis information. Where no data is available, zero is used as a placeholder. Headers describing the information being reported only appear if data is available. Matrix spike and matrix spike duplicate information appears on the left, LCS (Laboratory Control Sample) information appears on the right. The lower space of this section is provided for comments. This line ends with the laboratory ID number for that particular analyte. Reports from other laboratories that provided some of the testing for this report are transmitted as part of this report, but results are not necessarily entered into our data system. Invoices and reports list the total number of pages and the page numbers of official Everglades Laboratories, Inc. documents only. Reports may be printed in duplex mode. Field data may be printed as a separate report document

SAMPLE:	DATE/TIME COLLECTED	CONDITION	MATRIX
190139 Lake S/S Juno Isles Blvd.	08/11/20 1025	2.0 C Wet Ice	SW

**LAB ID E86048**

02-Sep-20  
190139 187261 1036 17138  
FORM DATE 1-17-17





1602 Clare Avenue  
West Palm Beach, FL 33401  
t: 561.833.4200 | [info@evergladeslabs.com](mailto:info@evergladeslabs.com)

**Northern Palm Beach County Improvement District**  
**359 Hiatt Drive**  
**Palm Beach Gardens FL 33418**

[illegible]

MATRIX SW

14623 14527

METHOD	ANALYTE		QUAL	RESULT	UNITS	PREPARED	ANALYZED	ANALYST	MDL	PQL	DF
EPA 200.7	Sodium			103	mg/L	08/14/20	08/14/20	KPP	0.54	2	1
BATCH:	0		DUPLICATE								
Lab ID::	E83079							FIELD PRES VERIFIED:			
EPA 300.0	Chloride			205	mg/L	08/18/20	08/18/20	EDC	12.5	25	5
BATCH:	0		DUPLICATE								
Lab ID::	E83079							FIELD PRES VERIFIED:			

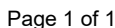
Note: MDLs and PQLs are always adjusted to account for dilutions. For example, if a sample is diluted by a factor of 10 and the MDL is 2, the reported MDL is entered at 20.

L: Result is known to be greater than the value reported.

HN: Heavy non-coliform bacteria (>200 CFU). Constitutes failure.

BEN MARTIN III.BS, Director 561 833 4200

190139	2E+05	1036	17138
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# EVERGLADES Laboratories, Inc.

1602 Clare Avenue  
West Palm Beach, FL 33401  
t: 561.833.4200 | info@evergladeslabs.com  
1036  
187261

Northern Palm Beach County Improvement District  
359 Hiatt Drive  
Palm Beach Gardens, FL 33418  
P: 561 624 7830 F: 561 624 7839

## PWSID:

Lake S/S Juno Isles Blvd.

## SAMPLE INSTRUCTIONS AND CHAIN OF CUSTODY FORM



Invoice: 17138  
Sample No: 190139

575  
8/11/2020

SCHEDULED: 8/11/2020  
FREQUENCY: MONTHLY  
PROJECT: SURFACE WATER SAMPLE  
Lake; S/S Juno Isles Blvd., North Palm Beach, FL 33408

COMPOSITE SET UP DATE TIME

\*Field measurements made with HH01 FOR pH, TEMP, DO AND COND - 170112567032;. pH ALSO WITH OA02

BDESC  
5 Plastic 250ml + HNO3  
16 Plastic 250ml

AN METHOD  
5419 EPA 200.7  
5457 EPA 300.0

ANALYTE 14623  
Sodium  
Chloride 14527

DO	TEMP	SLOPE	READS	TABLE	TIME	pH 7.00
COND	SET	VALUE	READS	TIME		pH 4.01
COND	SET	VALUE	READS	TIME		pH ICV
COND	SET	VALUE	READS	TIME		pH CCV
DO	T	SC	pH	T or F	WL	DEPTH
mg/L	°C	µS/cm		mg/L	Ft	Ft

SET	READS	TIME
SET	READS	TIME
SET	READS	TIME
SET	READS	TIME

SAMPLE COLLECTED BY: [Signature] DATE: 8-11-2020 TIME: 10:25

Bottle Temp °C 2.0 Wet Ice ☒

SAMPLE RELINQUISHED BY: [Signature] DATE: 8-11-2020 TIME: 13:25

SAMPLE RECEIVED BY: [Signature] DATE: 8-11-2020 TIME: 13:25

SAMPLE RELINQUISHED BY:                      DATE:            TIME:           

SAMPLE RECEIVED BY:                      DATE:            TIME:           

Acid preserved sample verification: record pH

H2SO4: ☐ HNO3: ☒ NaOH: ☐ HCL: ☐



# Sample Condition Report (SCR)

3101/22/2016SAMPLE CONDITION REPORT11

Client: Northern Palm Beach County Improvement District

Invoice No 17138

Samples Delivered B RG

Samples Received By BMS

Date Form Completed 8/11

Check all applicable fields:

PWSID

Sample appearance OK  
Chain of Custody Document  
Containers Intact  
Sample Labels Match COC  
Sample Preservative Verification

YES ✓	NO
YES ✓	NO
YES ✓	NO
YES ✓	NO
YES ✓	NO

Containers conform to samples

YES ✓	NO
-------	----

Chlorine residual Present

YES	NO ✓
-----	------

Sample underfilled

YES	NO ✓
-----	------

Ice or Ice Packs Present

YES ✓	NO
-------	----

Packing Material

None ✓

Bubble Wrap

Paper

Sample within Hold Time

YES ✓	NO
-------	----

VOC Vials without bubbles MA

YES	NO
-----	----

Analyses Subbed? Lab PACE

YES ✓	NO
-------	----

Fluke IR Thermometer FL01 Used to Measure Representative Bottle.FL TID4 2.0°C Wet Ice Blue Ice No ice

Project No 187261

Sample No.	Date/Time Collected	Date/Time Received	Sampled By	Sample Matrix	No. of Container
190139	8/11/2020 1025	8/11/2020 1325	RG	SW	2

Lake S/S  
Juno Isles  
Blvd.

CID: 1462 1452

Bottle Desc: 5 16



# Analysis Assignment Report (AAR)



I D D O C U M E N T   D A T E D O C U M E N T   T I T L E

1036

Northern Palm Beach County Improvement Distr  
359 Hiatt Drive  
Palm Beach Gardens                      FL              33418

**Sample Number    190139**

Date Collected    8/11/2020

Date Received    8/11/2020

Sample ID    **Lake S/S Juno Isles Blvd.**

Time Collected    1025

Time Received    1325

**ANALYTE**

Chloride

Sodium

**METHOD**

EPA 300.0

EPA 200.7

**LABID**

**LAB\_NAME**

E83079    Pace Analytical Services LLC

E83079    Pace Analytical Services LLC

August 20, 2020

Ph.D Ben Martin  
Everglades Laboratories, Inc.  
1602 Clare Avenue  
West Palm Beach, FL 33401

RE: Project: 190139  
Pace Project No.: 35569635

Dear Ph.D Martin:

Enclosed are the analytical results for sample(s) received by the laboratory on August 11, 2020. 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,



Martha Montero  
martha.montero@pacelabs.com  
(386)672-5668  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
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## CERTIFICATIONS

Project: 190139  
Pace Project No.: 35569635

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### **Pace Analytical Services Ormond Beach**

8 East Tower Circle, Ormond Beach, FL 32174  
Alaska DEC- CS/UST/LUST  
Alabama Certification #: 41320  
Arizona Certification# AZ0819  
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  
Maryland Certification: #346  
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

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 190139  
Pace Project No.: 35569635

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35569635001	190139	Water	08/11/20 10:25	08/11/20 16:06

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: 190139  
Pace Project No.: 35569635

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35569635001	190139	EPA 200.7	KPP	1	PASI-O
		EPA 300.0	EDC	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 190139  
Pace Project No.: 35569635

Sample: 190139		Lab ID: 35569635001		Collected: 08/11/20 10:25		Received: 08/11/20 16:06		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.7 MET ICP</b>									
Analytical Method: EPA 200.7 Preparation Method: EPA 200.7									
Pace Analytical Services - Ormond Beach									
Sodium	<b>103</b>	mg/L	2.0	0.54	1	08/14/20 01:23	08/14/20 19:09	7440-23-5	
<b>300.0 IC Anions 28 Days</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Ormond Beach									
Chloride	<b>205</b>	mg/L	25.0	12.5	5		08/18/20 20:15	16887-00-6	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 190139  
Pace Project No.: 35569635

QC Batch: 656995	Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7	Analysis Description: 200.7 MET
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35569635001

METHOD BLANK: 3572295 Matrix: Water  
Associated Lab Samples: 35569635001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sodium	mg/L	0.54 U	2.0	0.54	08/14/20 18:16	

LABORATORY CONTROL SAMPLE: 3572296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sodium	mg/L	12.5	12.4	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3572297 3572298

Parameter	Units	35569431001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sodium	mg/L	1190000 ug/L	12.5	12.5	1180	1200	-58	78	70-130	1	20	J(M1), L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3572299 3572300

Parameter	Units	35570192002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sodium	mg/L	14300 ug/L	12.5	12.5	27.0	27.0	102	102	70-130	0	20	

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 DATA

Project: 190139  
Pace Project No.: 35569635

QC Batch: 658202	Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0	Analysis Description: 300.0 IC Anions
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35569635001

METHOD BLANK: 3579151 Matrix: Water

Associated Lab Samples: 35569635001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	2.5 U	5.0	2.5	08/18/20 16:34	

LABORATORY CONTROL SAMPLE: 3579152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.7	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3579153 3579154

Parameter	Units	35569434002	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result										
Chloride	mg/L	46.7	50	50	106	106	118	119	90-110	1	20	J(M1), L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3579155 3579156

Parameter	Units	35570081001	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result										
Chloride	mg/L	33.9	50	50	91.4	92.2	115	116	90-110	1	20	J(M1)

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

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 190139  
Pace Project No.: 35569635

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### 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.

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.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
L	Off-scale high. Actual value is known to be greater than value given.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 190139

Pace Project No.: 35569635

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35569635001	190139	EPA 200.7	656995	EPA 200.7	656998
35569635001	190139	EPA 300.0	658202		

## REPORT OF LABORATORY ANALYSIS

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W0# : 35569635



35569635

# CHAIN OF CUSTODY RECORD

LAB W.O #

Quote: \_\_\_\_\_

Page 1 of 1

Company Name: Everglades Labs., Inc. PO#									
Address: 1602 Clare Ave.									
City: West Palm Beach State: FL Zip: 33401									
Attn: Ben Martin III B.S. Fax#									
email: info@evergladeslabs.com Phone:									
Project Name Proj #									
Sampler Signature: <i>Victor G. Galt</i> Circle One Event: Daily Weekly Monthly N/A									
Sample # Sample ID Collect Date Collect Time Matrix Code Total # of containers (Integrity OK/Y/N) Field Filtered									
1	190139	8-1-20	1025	SW	2				
2									
3									
4									
5									
6									
7									
8									
9									
10									


LAB ANALYSIS									
Sample	TRC	pH	Pos Colies	Parameters	Sodium Chloride 200.7 300.0	Dis. Lead 6010	# of Containers Size/Type	COC Condition	Requirt State Certification
1							1 1800P	OK Incomplete	FL GA SC NC NJ PA LA TX IL

Relinquished by		Short Hold		Circle QA/QC Report Level		EDD (Fees May Apply)		COC Condition		Coolers #s - Temp °C	
Item	Signature	Date	Affiliation	Y	N	1	2	3	4	5	Temp °C
1	<i>Victor G. Galt</i>	8-1-20	Everglades Labs., Inc.		✓						13.2 3 4 5
2	<i>PD</i>	8/11	<i>Pace</i>								
3											
4											

Revision: FALL-C-007- Rev.00

Pompano Lab 954-582-4300

	Document Name:	Document Revised:
	Sample Condition Upon Receipt Form	May 30, 2018
	Document No.: F-FL-C-007 rev. 13	Issuing Authority: Pace Florida Quality Office

**WO#: 35569635**

Project:  
Project Manager:  
Client:

PM: MIM  
Due Date: 08/20/20  
CLIENT: EVELAB

Date and Initials of person:

Examining contents: TMA  
Label:  
Deliver:  
pH:

Thermometer Used: T-337 Date: 8-11-20 Time: 23:46 Initials: SMK

State of Origin:

☐ For WW projects, all containers verified to  $\leq 6^\circ\text{C}$

Cooler #1 Temp. °C 2.8 (Visual) 10.2 (Correction Factor) 3.0 (Actual)  
Cooler #2 Temp. °C (Visual) (Correction Factor) (Actual)  
Cooler #3 Temp. °C (Visual) (Correction Factor) (Actual)  
Cooler #4 Temp. °C (Visual) (Correction Factor) (Actual)  
Cooler #5 Temp. °C (Visual) (Correction Factor) (Actual)  
Cooler #6 Temp. °C (Visual) (Correction Factor) (Actual)

☐ Samples on ice, cooling process has begun  
☐ Samples on ice, cooling process has begun  
☐ Samples on ice, cooling process has begun  
☐ Samples on ice, cooling process has begun  
☐ Samples on ice, cooling process has begun  
☐ 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 #

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	No Project Name
Chain of Custody Filled Out	<input 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	No Collection date/time on containers
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 type="checkbox"/> Yes <input checked="" 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	
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information: Lot #/Trace #: PH=2.8 Date: BP3N Initials:
Exceptions: VOA, Coliform, TOC, O&G, Carbamates		
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: Page 16 of Page 11 of 11