

October 6, 2020

Ref: Peace River/Manasota Regional Water Supply Authority  
(PWS #6142734 – Quarterly Compliance Monitoring)

Dear Members/Customers,

Enclosed are the compliance monitoring test results for samples collected and analyzed during the Third Quarter of 2020.

Should you have any questions or require additional information, please feel free to call me at (863) 993-4565.

Regards,

Michael P. Chell  
Peace River/Manasota Regional Water Supply Authority  
Operations Supervisor  
DEP License # DWA- 15153

cc: w/attachments  
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File/Compliance Monitoring

**DISINFECTANT RESIDUAL (CHLORINE OR CHLORAMINES)  
EXAMPLE REPORTING FORMAT**

<b>QUARTERLY REPORTING PERIOD:</b> 3rd quarter		<b>YEAR:</b> 2020
<b>SYSTEM INFORMATION</b>		
PWS NAME: Peace River/Manasota Regional Water Supply Authority		
PWS ID NUMBER: 6142734	COUNTY: Desoto	
CONTACT PERSON: Mike Chell	PHONE NUMBER: (863) 993-4565	
E-MAIL ADDRESS (optional):	FAX NUMBER (optional): (863) 993-4568	

<b>DISINFECTANT RESIDUAL COMPLIANCE SUMMARY</b>												
Last 12 Months	10	11	12	1	2	3	4	5	6	7	8	9
Actual Month/Year	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
Provide the number of disinfectant residual samples taken each month of the last quarter (include disinfectant residual samples taken for all total coliform samples, including repeat or additional total coliform samples)*	12	15	12	15	12	12	15	12	12	15	12	12
Provide the monthly arithmetic average of all samples taken in each month for the last 12 months (include disinfectant residual samples taken for all total coliform samples, including repeat or additional total coliform samples)	3.74	3.53	3.54	3.51	3.36	3.48	3.67	3.58	3.88	3.85	3.88	3.81
Calculate the Running Annual Average (RAA) (i.e., calculate the arithmetic average of the monthly averages for the last 12 months)												3.65
Does the RAA violate the Maximum Residual Disinfectant Level of 4.0 mg/l? (YES/NO)												<b>NO</b>

\*Also, for each disinfectant residual sample taken each month of the last quarter, provide the information requested in the table on page two of this format.

INSTRUCTIONS: This format should be completed and submitted WITHIN 10 DAYS AFTR THE END OF EACH QUARTER IN WHICH SAMPLES WERE COLLECTED, by all community or non-transient non-community water systems that add a chemical disinfectant and that serve at least 4,901 persons. For example, for disinfectant residual samples collected in the first quarter (January - March) of 2004, this format is due no later than April 0, 2004. Submit the completed form to the appropriate Department of Environmental Protection District Office or Approved County Health Department.

The following specific instructions are for the "Disinfectant Residual Analysis Results for Reporting Period" table on page two.

Attach additional sheets if necessary.

Analytical Method: In accordance with 40 CFR 141.31(c)(1), the approved methods for disinfectant residual compliance monitoring are as follows:

Free Chlorine: Standard Methods 4500-Cl D, 4500-Cl F, 4500-Cl G (DPD Colorimetric), and 4500-Cl H and ASTM Method D 1253-86

Combined Chlorine: Standard Methods 4500-Cl D, 4500-Cl F, and 4500-Cl G (DPD Colorimetric) and ASTM Method D 1253-86

Total Chlorine: 4500Cl-D, 4500-Cl E, 4500-Cl F, 4500-Cl G (DPD Colorimetric), and 4500-Cl I and ASTM Method D 1253-86

Enter in the space provided the analytical method that the person or laboratory is using to measure disinfectant residuals.

Analysis Information: In accordance with Florida Administrative Code (F.A.C.) subsections 62-550.550(1), 62-550.821(8), operators licensed under F.A.C. Chapter 62-602 and persons working under the direct supervision of a licensed operator, as well as laboratories certified by the Department of Health, are approved to measure disinfectant residuals. If the person measuring the disinfectant residual is a licensed operator or is working under the direct supervision of a licensed operator, enter the name and license number of the operator. In cases where certified laboratory personnel measuring the disinfectant residual, indicate the name and certification number of the laboratory.





## STAGE 2 TOTAL TRIHALOMETHANES (TTHM) AND HALOACETIC ACIDS FIVE (HAA5) EXAMPLE REPORTING FORMAT

Subpart H systems serving 500 or more persons and ground water systems serving 10,000 or more persons shall complete applicable pages of this format and submit them to the Department within 10 days after the end of any quarter in which TTHM/HAA5 monitoring is required. Systems on routine or reduced quarterly TTHM/HAA5 monitoring shall complete pages 1, 2, and 3 of this format. (Add additional rows to the tables on pages 2 and 3 as necessary.) Systems on reduced annual TTHM/HAA5 monitoring shall complete pages 1 and 4 of this format. Additionally, Subpart H systems seeking to qualify for, or remain on, reduced quarterly or annual TTHM/HAA5 monitoring shall complete page 5 of this format. (Add additional rows to the table on page 5 as necessary.)

D/DBPR = Disinfectant and Disinfection Byproducts Rule; LRAA = locational running annual average; MCL = maximum contaminant level; OE = operational evaluation; RAA = running annual average; TOC = total organic carbon.

<b>QUARTERLY MONITORING PERIOD*:</b>
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\*Indicate the quarterly monitoring period by months and year (e.g., April-June 2012).

<b>SYSTEM INFORMATION</b>
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PWS ID Number:		
PWS Name:		
Source Water Type and Population Size Category:		
Ground Water:	Subpart H:	
10,000 – 99,999	500 – 3,300	250,000 – 999,999
100,000 – 499,999	3,301 – 9,999	1,000,000 – 4,999,999
≥ 500,000	10,000 – 49,999	≥ 5,000,000
	50,000 – 249,999	
Monitoring Mode*:    Routine Monitoring    Reduced Monitoring		
Monitoring Frequency*:    Quarterly    Annually		
Total Number Of Distribution System Monitoring Locations*:		
Contact Person:		
Phone Number:		
E-Mail Address (optional):		
Fax Number (optional):		

\* See 40 CFR 141.621 and 141.623 for more details.

QUARTERLY MONITORING PERIOD:

PWS ID Number:

**TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY**

Monitoring Location*	DOH Lab Certification No.	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago	TTHM LRAA** (µg/L)	TTHM OE Value*** (µg/L)
		No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/da/yr)	TTHM Sample Result (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)		
					A	B	C	D		

Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 80 µg/L? (YES/NO)	Yes	No	
Does the TTHM OE value at any monitoring location exceed 80 µg/L? (YES/NO)****	Yes	No	
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 40 µg/L at any monitoring location?	Yes	No	N/A

\* Location names or numbers should correspond to those in your Stage 2 D/DBPR compliance monitoring plan required under 40 CFR 141.622.  
 \*\* Calculate and enter the LRAA beginning at the end of the fourth quarter of Stage 2 monitoring and at the end of each subsequent quarter. Also, if the LRAA calculated based on fewer than four quarters of data would cause the MCL to be exceeded regardless of the monitoring results of subsequent quarters, calculate and enter the LRAA (using zero for the results of subsequent quarters).  
 \*\*\* Calculate the OE value beginning at the end of the third quarter of Stage 2 monitoring and at the end of each subsequent quarter. Enter the OE value if it exceeds 80 µg/L.  
 \*\*\*\* If any TTHM OE value at any location exceeds 80 µg/L, conduct an OE and submit an OE report in accordance with 40 CFR 141.626.  
 \*\*\*\*\* If any TTHM LRAA at any location exceeds 40 µg/L, resume routine quarterly monitoring under 40 CFR 141.621.

**HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY**

Monitoring Location*	DOH Lab Certification No.	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago	HAA5 LRAA** (µg/L)	HAA5 OE Value*** (µg/L)
		No. of HAA5 Samples Taken	Date Each HAA5 Sample Taken (mo/da/yr)	HAA5 Sample Result (µg/L)	HAA5 Locational Quarterly Average (µg/L)	HAA5 Locational Quarterly Average (µg/L)	HAA5 Locational Quarterly Average (µg/L)	HAA5 Locational Quarterly Average (µg/L)		
					A	B	C	D		

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 60 µg/L?	Yes	No	
Does the HAA5 OE value at any monitoring location exceed 60 µg/L?	Yes	No	
If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 30 µg/L at any monitoring location?	Yes	No	N/A

\* Location names or numbers should correspond to those in your Stage 2 D/DBPR compliance monitoring plan required under 40 CFR 141.622.  
 \*\* Calculate and enter the LRAA beginning at the end of the fourth quarter of Stage 2 monitoring and at the end of each subsequent quarter. Also, if the LRAA calculated based on fewer than four quarters of data would cause the MCL to be exceeded regardless of the monitoring results of subsequent quarters, calculate and enter the LRAA (using zero for the results of subsequent quarters).  
 \*\*\* Calculate the OE value beginning at the end of the third quarter of Stage 2 monitoring and at the end of each subsequent quarter. Enter the OE value if it exceeds 60 µg/L.  
 \*\*\*\* If any HAA5 OE value at any location exceeds 60 µg/L, you must conduct an OE and submit an OE report in accordance with 40 CFR 141.626.  
 \*\*\*\*\* If any HAA5 LRAA at any location exceeds 30 µg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

DISINFECTION BYPRODUCTS  
62-550.310(3)

Report Number / Job ID: 20070467-001

Disinfectant Residual (mg/L): 4.1

PWS ID (From Page 1): 614-2734

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Certification #
1009	Chlorite	1000	µg/L					20***			E
1011	Bromate	10	µg/L					5.0 or 1.0****			E

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Certification #
2450	Monochloroacetic Acid	N/A	µg/L	0.5	U	552.2	0.5	2.0	7/9/2020	17:05	E84167
2451	Dichloroacetic Acid	N/A	µg/L	6.07		552.2	0.5	1.0	7/9/2020	17:05	E84167
2452	Trichloroacetic Acid	N/A	µg/L	2.82		552.2	0.5	1.0	7/9/2020	17:05	E84167
2453	Monobromoacetic Acid	N/A	µg/L	0.5	U	552.2	0.5	1.0	7/9/2020	17:05	E84167
2454	Dibromoacetic Acid	N/A	µg/L	1.86	I	552.2	0.5	1.0	7/9/2020	17:05	E84167
2456	Total Haloacetic Acids (HAA5)	60	µg/L	10.8		552.2	0.5	---	7/9/2020	17:05	E84167

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Certification #
2941	Chloroform	N/A	µg/L	10.8		524.2	0.5	1.0	7/9/2020	17:05	E84167
2942	Bromoform	N/A	µg/L	9.41		524.2	0.5	1.0	7/10/2020	00:37	E84167
2943	Bromodichloromethane	N/A	µg/L	0.5	U	524.2	0.5	1.0	7/10/2020	00:37	E84167
2944	Dibromochloromethane	N/A	µg/L	9.67		524.2	0.5	1.0	7/10/2020	00:37	E84167
2950	Total Trihalomethanes (TTHM)	80	µg/L	29.9		524.2	0.5	---	7/10/2020	00:37	E84167

\*\* Laboratories are required to adhere to the minimum reporting level (MRL) requirements of 40 CFR 141.131(b)(2)(iv).

\*\*\* Applicable to monitoring as prescribed in 40 CFR 141.132.(b)(2)(i)(B) and (b)(2)(ii).

\*\*\*\* Laboratories that use EPA Methods 317.0 Revision 2.0, 326.0 or 321.8 must meet a 1.0 µg/L MRL for bromate.

**NOTE:** Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

DISINFECTION BYPRODUCTS  
62-550.310(3)

Report Number / Job ID: 20070467-002

Disinfectant Residual (mg/L): 4.2

PWS ID (From Page 1): 614-2734

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Certification #
1009	Chlorite	1000	µg/L					20***			E
1011	Bromate	10	µg/L					5.0 or 1.0****			E

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Certification #
2450	Monochloroacetic Acid	N/A	µg/L	0.5	U	552.2	0.5	2.0	7/9/2020	17:33	E84167
2451	Dichloroacetic Acid	N/A	µg/L	5.30		552.2	0.5	1.0	7/9/2020	17:33	E84167
2452	Trichloroacetic Acid	N/A	µg/L	2.59		552.2	0.5	1.0	7/9/2020	17:33	E84167
2453	Monobromoacetic Acid	N/A	µg/L	0.5	U	552.2	0.5	1.0	7/9/2020	17:33	E84167
2454	Dibromoacetic Acid	N/A	µg/L	1.95	I	552.2	0.5	1.0	7/9/2020	17:33	E84167
2456	Total Haloacetic Acids (HAA5)	60	µg/L	9.84		552.2	0.5	---	7/9/2020	17:33	E84167

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Certification #
2941	Chloroform	N/A	µg/L	8.83		524.2	0.5	1.0	7/10/2020	01:07	E84167
2942	Bromoform	N/A	µg/L	0.5	U	524.2	0.5	1.0	7/10/2020	01:07	E84167
2943	Bromodichloromethane	N/A	µg/L	9.53		524.2	0.5	1.0	7/10/2020	01:07	E84167
2944	Dibromochloromethane	N/A	µg/L	4.18		524.2	0.5	1.0	7/10/2020	01:07	E84167
2950	Total Trihalomethanes (TTHM)	80	µg/L	22.5		524.2	0.5	---	7/10/2020	01:07	E84167

\*\* Laboratories are required to adhere to the minimum reporting level (MRL) requirements of 40 CFR 141.131(b)(2)(iv).

\*\*\* Applicable to monitoring as prescribed in 40 CFR 141.132.(b)(2)(i)(B) and (b)(2)(ii).

\*\*\*\* Laboratories that use EPA Methods 317.0 Revision 2.0, 326.0 or 321.8 must meet a 1.0 µg/L MRL for bromate.

**NOTE:** Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

DISINFECTION BYPRODUCTS  
62-550.310(3)

Report Number / Job ID: 20070467-003

Disinfectant Residual (mg/L): 4.1

PWS ID (From Page 1): 614-2734

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Certification #
1009	Chlorite	1000	µg/L					20***			E
1011	Bromate	10	µg/L					5.0 or 1.0****			E

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Certification #
2450	Monochloroacetic Acid	N/A	µg/L	0.5	U	552.2	0.5	2.0	7/9/2020	18:00	E84167
2451	Dichloroacetic Acid	N/A	µg/L	5.29		552.2	0.5	1.0	7/9/2020	18:00	E84167
2452	Trichloroacetic Acid	N/A	µg/L	3.50		552.2	0.5	1.0	7/9/2020	18:00	E84167
2453	Monobromoacetic Acid	N/A	µg/L	0.5	U	552.2	0.5	1.0	7/9/2020	18:00	E84167
2454	Dibromoacetic Acid	N/A	µg/L	1.97	I	552.2	0.5	1.0	7/9/2020	18:00	E84167
2456	Total Haloacetic Acids (HAA5)	60	µg/L	10.8		552.2	0.5	---	7/9/2020	18:00	E84167

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Regulatory MRL**	Analysis Date	Analysis Time	DOH Lab Certification #
2941	Chloroform	N/A	µg/L	9.76		524.2	0.5	1.0	7/10/2020	01:36	E84167
2942	Bromoform	N/A	µg/L	0.5	U	524.2	0.5	1.0	7/10/2020	01:36	E84167
2943	Bromodichloromethane	N/A	µg/L	10.2		524.2	0.5	1.0	7/10/2020	01:36	E84167
2944	Dibromochloromethane	N/A	µg/L	4.29		524.2	0.5	1.0	7/10/2020	01:36	E84167
2950	Total Trihalomethanes (TTHM)	80	µg/L	24.3		524.2	0.5	---	7/10/2020	01:36	E84167

\*\* Laboratories are required to adhere to the minimum reporting level (MRL) requirements of 40 CFR 141.131(b)(2)(iv).

\*\*\* Applicable to monitoring as prescribed in 40 CFR 141.132.(b)(2)(i)(B) and (b)(2)(ii).

\*\*\*\* Laboratories that use EPA Methods 317.0 Revision 2.0, 326.0 or 321.8 must meet a 1.0 µg/L MRL for bromate.

**NOTE:** Do not round values. Report results to the accuracy, precision, and sensitivity of the analytical method used.

**DATA QUALIFIERS THAT MAY APPLY:**

B = Results based upon colony counts outside the ideal range.

G1 = Accuracy standard does not meet method control limits but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request.

G2 = Accuracy standard exceeds acceptable control limits. Duplicate and spike values are within control limits. Reported data are usable.

G3 = Precision measurement exceeded acceptable control limits. Standard and spike values are within control limits. Reported data are usable.

G4 = Spike recovery exceeds acceptable control limits. Standard and duplicate values are within control limits. Reported data are usable.

I = Reported value is between the laboratory MDL and the PQL.

J3 = Estimated value. Quality control criteria for precision and accuracy not met.

J4 = Estimated value. Sample matrix interference suspected.

J6 = Estimated value. SM5210B test replicates show more than 30% difference between high and low values, indicating potential presence of toxicity within the sample.

K = Off-scale low. Value is known to be < the value reported.

L = Off scale high; reported concentration exceeds the highest standard.

ND = Not Detected at or above adjusted reporting limit.

Q = Sample held beyond accepted hold time.

U = Analyte analyzed but not detected at the value indicated.

X = Value exceed MCL.

Y = Analysis performed on an improperly preserved sample. Data may be inaccurate

Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.

**Benchmark EnviroAnalytical, Inc.**

1711 Twelfth Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 WWW.Benchmarkea.com

**Client: Peace River/ Manasota RWS**

8998 SW County Road 769  
 Arcadia, FL 34269  
 (863) 993-4565  
 Fax: (863) 993-4568

COC # 63

Chain of Custody Form: Quarterly TTHM/HAA

Project Name: Peace River Facility Compliance Monitoring – Qtly (Jan., April, July, Oct.) Laboratory Submission #: **2070467**

Method of Discharge<sup>2</sup>: DW

Sample Name	Sample Type <sup>1</sup>	Collection		Container			Preservative <sup>4</sup>	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type <sup>3</sup>			
<b>Carlton 42 (NRTM)</b> Cl <sub>2</sub> @ time of collection: <u>4.1</u> pH @ time of collection: <u>8.26</u>	Grab	7/8/20	1020	1	250mL	Glass	NH <sub>4</sub> Cl	HAA's	1
				3	40mL*	Glass Vials	1:1 HCl	THM's	
<b>Charlotte County Utility 10</b> Cl <sub>2</sub> @ time of collection: <u>4.2</u> pH @ time of collection: <u>8.18</u>	Grab	7/8/20	1030	1	250mL	Glass	NH <sub>4</sub> Cl	HAA's	2
				3	40mL*	Glass Vials	1:1 HCl	THM's	
<b>Peace River Facility</b> Cl <sub>2</sub> @ time of collection: <u>4.1</u> pH @ time of collection: <u>8.11</u>	Grab	7/8/20	0900	1	250mL	Glass	NH <sub>4</sub> Cl	HAA's	3
				3	40mL*	Glass Vials	1:1 HCl	THM's	

\* Fill all 3 Vials Full, no head space, sample can not have any air bubbles.

- 1 "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- 2 "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), soil, sediment (SDMNT), or sludge (SLDG).
- 3 "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- 4 Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

**Instructions:**

- 1. Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- 2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
- 3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
- 4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability: pH < 2 : 0

BEA Temperature: 2.52

1	Collector: <u>John Ramsey</u>	Date: <u>7/8/20</u>	Time: <u>1207</u>	Received By: <u>Melinda Murchant</u>	Date: <u>7/8/20</u>	Time: <u>1207</u>
2	Relinquished by: <u>Melinda Murchant</u>	Date: <u>7/8/20</u>	Time: <u>12:15</u>	Received By: <u>Tom Scurry</u>	Date: <u>7/8/20</u>	Time: <u>12:15</u>
3	Relinquished by: <u>Tom Scurry</u>	Date: <u>7/8/20</u>	Time: <u>1430</u>	Received By: <u>[Signature]</u>	Date: <u>7/8/20</u>	Time: <u>1430</u>
4	Relinquished by:	Date:	Time:	Received By:	Date:	Time:

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity

Address: 8998 S.W. County Rd. 769

City: Arcadia FL. ZIP Code: 34269

Phone #: 863-993-4565 Fax #: 863-993-4568 E-Mail Address: randerson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 7/8/20 Sample Time: 1130  AM  PM (Circle One)

Sample Location (be specific): Carlton 42" Location Code: \_\_\_\_\_

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.1 mg/L Field pH: 8.26

**Sample Type (Check Only One)**

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments:

TTHM, HAA

\*See 62-550.500(6) for requirements and restrictions.  
 And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and  
 attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 7/8/20

Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply

PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

System Type (check one):  Community  Nontransient Noncommunity

Transient Noncommunity

Address: 8998 S.W. County Rd. 769

City: Arcadia FL.

Phone #: 863-993-4565 Fax #: 863-993-4568

ZIP Code: 34269

E-Mail Address: randerson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 7/8/20

Sample Location (be specific): Charlotte County 10"

Sample Time: 1030  AM  PM (Circle One)

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.2 mg/L

Location Code: \_\_\_\_\_

**Sample Type (Check Only One)**

Field pH: 8.18

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

- Reason(s) for Sample (Check all that apply)**
- Routine Compliance with 62-550
  - Confirmation of MCL Exceedance\*
  - Composite of Multiple Sites\*\*
  - Other: \_\_\_\_\_
  - Replacement (of Invalidated Sample)
  - Special (not for compliance with 62-550)
  - Clearance (permitting)

Sampling Procedure Used or Other Comments:

TTHM, HAA

\*See 62-550.500(6) for requirements and restrictions.  
 And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and  
 attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey  
 (Print Name)

Ops. specialist, do HEREBY CERTIFY  
 (Print Title)

that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey

Certified Operator #: 4668 Phone #: 863-993-4565

Date: 7/8/20

Sampler's E-mail: \_\_\_\_\_ Sampler's Fax #: 863-993-4568

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler – please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

  
 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL ZIP Code: 34269  
 Phone #: 863-993-4565 Fax #: 863-993-4568 E-Mail Address: randerson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 7/8/20 Sample Time: 0900  AM  PM (Circle One)  
 Sample Location (be specific): Peace River Facility Location Code: \_\_\_\_\_  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.1 mg/L Field pH: 8.11

**Sample Type (Check Only One)**

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments:

TTM, HAA

\*See 62-550.500(8) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY that the above public water system and sample collection information is complete and correct.

Signature: [Signature] Date: 7/8/20  
 Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568  
 Sampler's E-mail: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

## LABORATORY CERTIFICATION INFORMATION (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): \_\_\_\_\_

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

## ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 07/08/20

PWS ID (From Page 1): 614-2734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20070467-001

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

### Inorganics

- All Except Asbestos  
 Partial  
 Nitrate  
 Nitrite  
 Asbestos

### Synthetic Organics

- All 30  
 All Except Dioxin  
 Partial  
 Dioxin Only

### Volatile Organics

- All 21  
 Partial

### Disinfection Byproducts

- Trihalomethanes  
 Haloacetic Acids  
 Chlorite  
 Bromate

### Radionuclides

- Single Sample  
 Qtrly Composite\*\*


### Secondaries

- All 14  
 Partial

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tannisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 7/17/2020

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES  
NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

## COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

## LABORATORY CERTIFICATION INFORMATION (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): \_\_\_\_\_

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

## ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 07/08/20

PWS ID (From Page 1): 614-2734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20070467-002


Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<u>Inorganics</u>	<u>Synthetic Organics</u>	<u>Volatile Organics</u>	<u>Disinfection Byproducts</u>	<u>Radionuclides</u>	<u>Secondaries</u>
<input type="checkbox"/> All Except Asbestos	<input type="checkbox"/> All 30	<input type="checkbox"/> All 21	<input checked="" type="checkbox"/> Trihalomethanes	<input type="checkbox"/> Single Sample	<input type="checkbox"/> All 14
<input type="checkbox"/> Partial	<input type="checkbox"/> All Except Dioxin	<input type="checkbox"/> Partial	<input checked="" type="checkbox"/> Haloacetic Acids	<input type="checkbox"/> Qtrly Composite**	<input type="checkbox"/> Partial
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Partial		<input type="checkbox"/> Chlorite		
<input type="checkbox"/> Nitrite	<input type="checkbox"/> Dioxin Only		<input type="checkbox"/> Bromate		
<input type="checkbox"/> Asbestos					

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 7/17/2020

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.  
\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES  
NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)**

## COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): \_\_\_\_\_

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

**ANALYSIS INFORMATION** (to be completed by lab) Date Sample(s) Received: 07/08/20

PWS ID (From Page 1): 614-2734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20070467-003

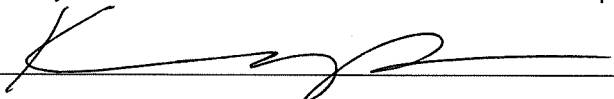
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<u>Inorganics</u>	<u>Synthetic Organics</u>	<u>Volatile Organics</u>	<u>Disinfection Byproducts</u>	<u>Radionuclides</u>	<u>Secondaries</u>
<input type="checkbox"/> All Except Asbestos	<input type="checkbox"/> All 30	<input type="checkbox"/> All 21	<input checked="" type="checkbox"/> Trihalomethanes	<input type="checkbox"/> Single Sample	<input type="checkbox"/> All 14
<input type="checkbox"/> Partial	<input type="checkbox"/> All Except Dioxin	<input type="checkbox"/> Partial	<input checked="" type="checkbox"/> Haloacetic Acids	<input type="checkbox"/> Qtrly Composite**	<input type="checkbox"/> Partial
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Partial		<input type="checkbox"/> Chlorite		
<input type="checkbox"/> Nitrite	<input type="checkbox"/> Dioxin Only		<input type="checkbox"/> Bromate		
<input type="checkbox"/> Asbestos					

### LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 7/17/2020

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.  
\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES  
NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167 EPA Lab Code: FL00289 (941) 723-9986

E84167  
Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	7/31/2007
Conductivity	SM 2510 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Copper	EPA 200.7	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	NELAP	5/25/2004
Corrosivity (langlier index)	SM 2330 B	Secondary Inorganic Contaminants	NELAP	3/7/2011
Cyanide	EPA 335.4	Primary Inorganic Contaminants	NELAP	3/7/2011
Dibromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Dibromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Dichloromethane (DCM, Methylene chloride)	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Dissolved organic carbon (DOC)	SM 5310 B	Primary Inorganic Contaminants	NELAP	11/21/2008
Escherichia coli	SM 9223 B	Microbiology	NELAP	1/3/2002
Escherichia coli	SM 9223 B /QUANTI-TRAY	Microbiology	NELAP	3/7/2011
Ethybenzene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Fluoride	EPA 300.0	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	NELAP	5/25/2004
Hardness	SM 2340 B	Secondary Inorganic Contaminants	NELAP	3/7/2011
Heterotrophic plate count	SIMP/PLATE	Microbiology	NELAP	7/1/2016
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	5/25/2004
Hydrogen sulfide, un-ionized (calculation)	SM 4500S=H (21st ed.)	Primary Inorganic Contaminants	NELAP	3/7/2011
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Lead	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Magnesium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	1/3/2002
Molybdenum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/7/2011
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Nitrate	EPA 353.2	Primary Inorganic Contaminants	NELAP	1/3/2002
Nitrate as N	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Nitrite as N	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Nitrite as N	EPA 353.2	Primary Inorganic Contaminants	NELAP	5/25/2004
Odor	EPA 140.1	Secondary Inorganic Contaminants	NELAP	1/3/2002
Orthophosphate as P	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/7/2011
pH	SM 4500-H+ B	Secondary Inorganic Contaminants	NELAP	7/31/2007
Potassium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program. Issue Date: 7/1/2020

Expiration Date: 6/30/2021

**QUARTERLY WORKSHEET FOR  
TOTAL ORGANIC CARBON MONTHLY OPERATION REPORT (TOC-MOR)  
FOR SURFACE WATER OR GROUND WATER SYSTEMS UNDER THE DIRECT INFLUENCE  
OF SURFACE WATER**

Qtr. 3	2020
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PWS NAME: Peace River/Man. Reg. Water	PLANT NAME OR NUMBER: Peace River Water Facility
PWS ID NUMBER: 6142734	COUNTY: DeSoto
FACILITY CONTACT: Mike Chell	PHONE NUMBER: 863-993-4565

Type of Treatment: Conventional
---------------------------------

DATE	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio
	Raw Alkalinity	Treated TOC	Raw TOC			
7/8/2020	67.5	2.7	12.5	78	40	1.96
8/11/2020	68.5	2.98	12.9	77	40	1.92
9/8/2020	62	3.88	15.4	75	40	1.87

DATE	(1-Treated Water TOC % / Source Water TOC) x 100 = Monthly % TOC Removal
7/8/2020	( 1- 2.7 / 12.5 ) x100= 78
8/11/2020	( 1-2.98 /12.9 ) x 100= 77
9/8/2020	( 1-3.88/15.4 ) x 100 = 75

DATE	Calculated Monthly TOC % Removal / Required TOC % Removal = Ratio	Ratio > 1.0
7/8/2020	1.96	YES
8/11/2020	1.92	YES
9/8/2020	1.87	YES

**QUARTERLY SAMPLE INFORMATION - 3rd QUARTER REPORT 2020**

Parameter	Number of Samples Collected	Number of paired (source water and treated water) samples collected	Sample Location	Name of the Individual Sampler	Laboratory Certification Number responsible for the analysis	Date(s) of Collection	Date of Analysis	Analytical Method Used		
Raw Alkalinity	3	3	Raw Water	John Ramsey	E84167	7/8/20	7/15/2020	SM2320B		
						8/11/20	8/18/2020	SM2320B		
						9/8/20	9/10/2020	SM2320B		
Raw TOC	3		3	Raw Water	John Ramsey	E84167	7/8/20	7/13/2020	SM5310B	
							8/11/20	8/14/2020	SM5310B	
							9/8/20	9/10/2020	SM5310B	
Treated TOC	3			3	Finish Water	John Ramsey	E84167	7/8/20	7/13/2020	SM5310B
								8/11/20	8/14/2020	SM5310B
								9/8/20	9/10/2020	SM5310B

\*I hereby certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete and accurate.

Operator's Signature:    *J.P. Chell*    Date:    09/30/2020   

Certificate Number & Clas      A15153      Expiration Date:    4/30/2021

**TOTAL ORGANIC CARBON (TOC) ANNUAL REMOVAL SUMMARY**

	By Month for Past 12 Months											
	10	11	12	1	2	3	4	5	6	7	8	9
<b>Actual Month/Year</b>	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
Number of Paired (Source Water and Treated Water) TOC Samples Collected	1	1	1	1	1	1	1	1	1	1	1	1
Raw Water TOC Monthly Arithmetic Average	12.8	12.5	12.92	12.6	12	12.5	12	11.4	9.8	12.5	12.9	15.4
Treated Water TOC Monthly Arithmetic Average	3.48	3.73	3.82	3.68	3.62	3.81	0	3.3	3.05	2.7	2.98	3.88
Actual % TOC Removed *	73	70	70	71	70	70	100	71	69	78	77	75
% TOC Removed Quarterly Arithmetic Average			71			70			80			77
% TOC Removed 12 Month Running Arithmetic Average									74			74
Required % Removal	50	50	50	50	50	50	50	40	40	40	40	40
Monthly Actual/Required Ratio	1.46	1.40	1.41	1.42	1.40	1.39	2.00	1.78	1.72	1.96	1.92	1.87
Quarterly Average of Actual/Required Ratio			1.423			1.401			1.833			1.918
Running 12 Month Actual/Required Ratio												1.643

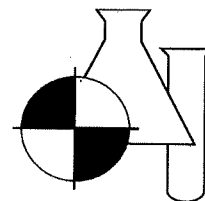
Does the system meet the enhanced coagulation or enhanced softening % removal requirements in 40 CFR 141.135(b) (2) or (3) for the past four quarters? (Yes/No)	<b>YES</b>
---	------------

\*Attach calculations for determining compliance with the TOC percent removal requirements, as provided in 40 CFR 141.135(e)(1). 40 CFR 141.135(3)(1), TOC removal requirements that are found in 40 CFR 141.135(e)(1) are calculated using the following formula:

(1- Treated water TOC/source water TOC) X 100 = Actual Monthly TOC Removal Percentage  
 Removal Ratio = Calculated Monthly TOC % Removal/Required % Removal

# BENCHMARK

*EnviroAnalytical Inc.*



NELAC Certification #E84167

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 20070468

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Project Name : MONTHLY ANALYSIS  
Date Received : 07/08/2020  
Time Received : 1430

Sam Stone

Submission Number: 20070468	Sample Date: 07/08/2020
Sample Number: 001	Sample Time: 0840
Sample Description: Raw Water	Sample Method: Grab

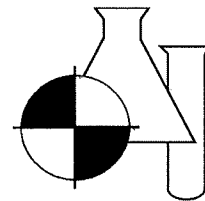
Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
TOTAL ALKALINITY (CACO3)	67.5	MG/L	0.594	2.376	SM2320B	07/15/2020 12:28	CB
TOTAL ORGANIC CARBON	12.5	MG/L	0.271	1.084	SM5310B	07/13/2020 15:00	ASA

Submission Number: 20070468	Sample Date: 07/08/2020
Sample Number: 002	Sample Time: 0835
Sample Description: Transfer Station #3	Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
TOTAL ORGANIC CARBON	2.70	MG/L	0.271	1.084	SM5310B	07/13/2020 19:59	ASA/JW

# BENCHMARK

*EnviroAnalytical Inc.*



NELAC Certification #E84167

07/27/2020

Dale D. Dixon / Laboratory Director

Date

Tülay Tarrisever - Technical Director/QC Officer

Kara Peterson - QA Officer

#### DATA QUALIFIERS THAT MAY APPLY:

A = Value reported is an average of two or more determinations.  
B = Results based upon colony counts outside the ideal range.  
H = Value based on field kit determination. Results may not be accurate.  
I = Reported value is between the laboratory MDL and the PQL.  
J1 = Estimated value. Surrogate recovery limits exceeded.  
J2 = Estimated value. No quality control criteria exists for component.  
J3 = Estimated value. Quality control criteria for precision or accuracy not met.  
J4 = Estimated value. Sample matrix interference suspected.  
J5 = Estimated value. Data questionable due to improper lab or field protocols.  
K = Off-scale low. Value is known to be < the value reported.  
L = Off-scale high. Value is known to be > the value reported.  
N = Presumptive evidence of presence of material.  
O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.  
T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.  
U = Analyte analyzed but not detected at the value indicated.  
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate and Spike values are within control limits. Reported data are usable.  
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.  
Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.  
! = Data deviate from historically established concentration ranges.  
? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the presence or absence of the analyte cannot be determined from the data.  
\* = Not reported due to interference.  
Oil & Grease - If client does not send sufficient sample quantity for spike evaluation surface water samples are supplied by the laboratory.

#### NOTES:

MBAS calculated as LAS; molecular weight = 340.  
PQL = 4xMDL.  
ND = Not detected at or above the adjusted reporting limit.  
X = Value exceeds MCL.  
G1 = Accuracy standard does not meet method control limits, but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request.

#### COMMENTS:

For questions or comments regarding these results, please contact us at (941) 723-9986.

*Results relate only to the samples.*

**Benchmark EnviroAnalytical, Inc.**

1711 Twelfth Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 www.benchmarkea.com

**Client:**

**Peace River Regional Water Supply**

8998 SW County Road 769  
 Arcadia, FL 34269  
 (863) 993-4565  
 (863) 993-4568

COC #120

Chain of Custody Form: Monthly Analysis  
 Method of Discharge: DW (Benchmark report format)

Sample Name	Sample Type <sup>1</sup>	Collection		Qty	Container Capacity	Type <sup>3</sup>	Preservative <sup>4</sup>	Parameters for Analysis	Laboratory Sample #
		Date	Time						
Raw Water	Grab	7/8/20	0840	1	1/2 Pint	Plastic	Plain	Total Alkalinity SM2320B	1
#3 Transfer Station	Grab	7/8/20	0835	1	40mL	Glass Vial	1:1 HCl	TOC SM5310B	2

Laboratory Submission #: 20070468

Chlorine residual at time of collection: 4.5 Temperature at time of collection: 32.3 Turbidity at time of collection: 0.08

- "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), soil, sediment (SDMNT), or sludge (SLDGG).
- "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

**Instructions:**

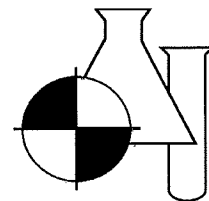
- Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
- The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:  
 pH < 8.5  
 Temperature: 20.2

1	Collector: John Ramsey	Date: 7/8/20	Time: 1907	Received By: Melinda Mmchment	Date: 7/8/20	Time: 1207
2	Relinquished by: Melinda Mmchment	Date: 7/8/20	Time: 12:15	Received By: Tom Scurry	Date: 7/8/20	Time: 12:15
3	Relinquished by: Tom Scurry	Date: 7/8/20	Time: 1200	Received By: [Signature]	Date: 7/8/20	Time: 1430
4	Relinquished by:	Date:	Time:	Received By:	Date:	Time:

# BENCHMARK

*EnviroAnalytical Inc.*



NELAC Certification #E84167

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 20080566

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Project Name : MONTHLY ANALYSIS  
Date Received : 08/11/2020  
Time Received : 1410

Sam Stone

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Submission Number:	20080566	Sample Date:	08/11/2020
Sample Number:	001	Sample Time:	0835
Sample Description:	Raw Water	Sample Method:	Grab

---

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
TOTAL ALKALINITY (CACO3)	68.5	MG/L	0.594	2.376	SM2320B	08/18/2020 13:24	CE/TG
TOTAL ORGANIC CARBON	12.9	MG/L	0.271	1.084	SM5310B	08/14/2020 18:50	ASA

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Submission Number:	20080566	Sample Date:	08/11/2020
Sample Number:	002	Sample Time:	0830
Sample Description:	Transfer Station	Sample Method:	Grab

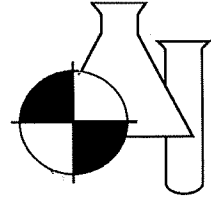
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Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
TOTAL ORGANIC CARBON	2.98	MG/L	0.271	1.084	SM5310B	08/14/2020 19:05	ASA

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# BENCHMARK

*EnviroAnalytical Inc.*



NELAC Certification #E84167

*Tulay Tanrisever*  
Dale D. Dixon / Laboratory Director

08/24/2020

Date

Tulay Tanrisever - Technical Director/QC Officer

Kara Peterson - QA Officer

#### **DATA QUALIFIERS THAT MAY APPLY:**

A = Value reported is an average of two or more determinations.  
B = Results based upon colony counts outside the ideal range.  
H = Value based on field kit determination. Results may not be accurate.  
I = Reported value is between the laboratory MDL and the PQL.  
J1 = Estimated value. Surrogate recovery limits exceeded.  
J2 = Estimated value. No quality control criteria exists for component.  
J3 = Estimated value. Quality control criteria for precision or accuracy not met.  
J4 = Estimated value. Sample matrix interference suspected.  
J5 = Estimated value. Data questionable due to improper lab or field protocols.  
K = Off-scale low. Value is known to be < the value reported.  
L = Off-scale high. Value is known to be > the value reported.  
N = Presumptive evidence of presence of material.  
O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.  
T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.  
U = Analyte analyzed but not detected at the value indicated.  
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate and Spike values are within control limits. Reported data are usable.  
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.  
Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.  
! = Data deviate from historically established concentration ranges.  
? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the presence or absence of the analyte cannot be determined from the data.  
\* = Not reported due to interference.  
Oil & Grease - If client does not send sufficient sample quantity for spike evaluation surface water samples are supplied by the laboratory.

#### **NOTES:**

MBAS calculated as LAS; molecular weight = 340.  
PQL = 4xMDL.  
ND = Not detected at or above the adjusted reporting limit.  
X = Value exceeds MCL.  
G1 = Accuracy standard does not meet method control limits, but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request.

#### **COMMENTS:**

For questions or comments regarding these results, please contact us at (941) 723-9986.

*Results relate only to the samples.*

**Benchmark EnviroAnalytical, Inc.**

1711 Twelfth Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 www.benchmarkea.com

**Client:**

**Peace River Regional Water Supply**

8998 SW County Road 769  
 Arcadia, FL 34269  
 (863) 993-4565  
 (863) 993-4568

COC #120

Chain of Custody Form: Monthly Analysis  
 Method of Discharge: DW (Benchmark report format)

Sample Name	Sample Type <sup>1</sup>	Collection		Qty	Container Capacity	Type <sup>3</sup>	Preservative <sup>4</sup>	Parameters for Analysis	Laboratory Sample #
		Date	Time						
Raw Water	Grab	8/11/20	0835	1	½ Pint	Plastic	Plain	Total Alkalinity SM2320B	1
#3 Transfer Station	Grab	8/11/20	0830	1	40mL	Glass Vial	1:1 HCl	TOC SM5310B	2

Laboratory Submission #: 20080566

Chlorine residual at time of collection: 4.6  
 Temperature at time of collection: 37.3  
 Turbidity at time of collection: 0.11

Laboratory Sample Acceptability:  
 pH < 2.8  
 Temperature: 3.8°C

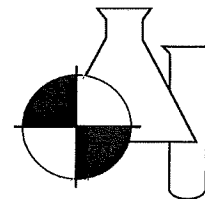
- "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), soil, sediment (SDMNT), or sludge (SLDG).
- "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

Instructions:  
 1. Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.  
 2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.  
 3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.  
 4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

1	Collector: John Ramsey	Date: 8/11/20	Time: 1202	Received By: [Signature]	Date: 8/11/20	Time: 1202
2	Relinquished by: [Signature]	Date: 8/11/20	Time: 1205	Received By: [Signature]	Date: 8/11/20	Time: 1205
3	Relinquished by: [Signature]	Date: 8/11/20	Time: 1410	Received By: [Signature]	Date: 8-11-20	Time: 1410
4	Relinquished by:	Date:	Time:	Received By:	Date:	Time:

# BENCHMARK

*EnviroAnalytical Inc.*



NELAC Certification #E84167

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 20090430

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Project Name : MONTHLY ANALYSIS  
Date Received : 09/08/2020  
Time Received : 1455

Sam Stone

Submission Number: 20090430	Sample Date: 09/08/2020
Sample Number: 001	Sample Time: 0915
Sample Description: Raw Water	Sample Method: Grab

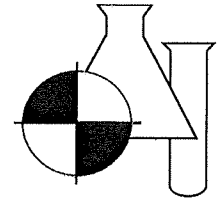
Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
TOTAL ALKALINITY (CACO3)	62.0	MG/L	0.594	2.376	SM2320B	09/10/2020 11:09	CE
TOTAL ORGANIC CARBON	15.4	MG/L	0.271	1.084	SM5310B	09/10/2020 09:57	JW

Submission Number: 20090430	Sample Date: 09/08/2020
Sample Number: 002	Sample Time: 0905
Sample Description: Transfer Station #3	Sample Method: Grab


Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
TOTAL ORGANIC CARBON	3.88	MG/L	0.271	1.084	SM5310B	09/10/2020 09:57	JW

# BENCHMARK

*EnviroAnalytical Inc.*



NELAC Certification #E84167



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09/16/2020

Date

Dale D. Dixon / Laboratory Director

Tülay Tanrisever - Technical Director/QC Officer

Kara Peterson - QA Officer

#### DATA QUALIFIERS THAT MAY APPLY:

A = Value reported is an average of two or more determinations.  
B = Results based upon colony counts outside the ideal range.  
H = Value based on field kit determination. Results may not be accurate.  
I = Reported value is between the laboratory MDL and the PQL.  
J1 = Estimated value. Surrogate recovery limits exceeded.  
J2 = Estimated value. No quality control criteria exists for component.  
J3 = Estimated value. Quality control criteria for precision or accuracy not met.  
J4 = Estimated value. Sample matrix interference suspected.  
J5 = Estimated value. Data questionable due to improper lab or field protocols.  
K = Off-scale low. Value is known to be < the value reported.  
L = Off-scale high. Value is known to be > the value reported.  
N = Presumptive evidence of presence of material.  
O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.  
T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.  
U = Analyte analyzed but not detected at the value indicated.  
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate and Spike values are within control limits. Reported data are usable.  
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.  
Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.  
! = Data deviate from historically established concentration ranges.  
? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the presence or absence of the analyte cannot be determined from the data.  
\* = Not reported due to interference.  
Oil & Grease - If client does not send sufficient sample quantity for spike evaluation surface water samples are supplied by the laboratory.

#### NOTES:

MBAS calculated as LAS; molecular weight = 340.  
PQL = 4xMDL.  
ND = Not detected at or above the adjusted reporting limit.  
X = Value exceeds MCL.  
G1 = Accuracy standard does not meet method control limits, but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request

#### COMMENTS:

For questions or comments regarding these results, please contact us at (941) 723-9986.

*Results relate only to the samples.*

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1711 Twelfth Street East  
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 www.benchmarkea.com

**Client:**

**Peace River Regional Water Supply**  
 8998 SW County Road 769  
 Arcadia, FL 34269  
 (863) 993-4565  
 (863) 993-4568

COC #120

Chain of Custody Form: Monthly Analysis  
 Method of Discharge: DW (Benchmark report format)

Sample		Collection		Qty	Container Capacity	Type <sup>3</sup>	Preservative <sup>4</sup>	Parameters for Analysis		Laboratory Sample #
Sample Name	Sample Type <sup>1</sup>	Date	Time					Total Alkalinity SM2320B	TOC SM5310B	
Raw Water	Grab	9/8/20	0915	1	½ Pint	Plastic	Plain	Total Alkalinity SM2320B		1
#3 Transfer Station	Grab	9/8/20	0905	1	40mL	Glass Vial	1:1 HCl	TOC SM5310B		

Turbidity at time of collection: 0.2

Temperature at time of collection: 30.0

Chlorine residual at time of collection: 4.1

Laboratory Sample Acceptability:  
 pH < 2 :   
 Temperature: 3.8°C

- "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), soil, sediment (SDMNT), or sludge (SLDG).
- "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

Instructions:  
 1. Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.  
 2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.  
 3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.  
 4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

1	Collector: John Ramsey	Date: 9/8/20	Time: 1224	Received By: M. Murchant	Date: 9/8/20	Time: 1224
2	Relinquished by: M. Murchant	Date: 9/8/20	Time: 1229	Received By: [Signature]	Date: 9/8/20	Time: 1229
3	Relinquished by: [Signature]	Date: 9/8/20	Time: 1455	Received By: [Signature]	Date: 9-8-20	Time: 1455
4	Relinquished by: [Signature]	Date:	Time:	Received By:	Date:	Time:

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
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 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Accadia FL  
 Phone #: 863-993-4565 Fax #: 863-993-4568 ZIP Code: 34269  
 E-Mail Address: canderson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 7/16/20 Sample Time: 0830-0910  
 Sample Location (be specific): Entry Point (Lab Tap) Location Code: \_\_\_\_\_  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.0 mg/L Field pH: 7.93  
 Sample Type (Check Only One)

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

- Reason(s) for Sample (Check all that apply)
- Routine Compliance with 62-550
  - Confirmation of MCL Exceedance\*
  - Composite of Multiple Sites\*\*
  - Other: \_\_\_\_\_
  - Replacement (of Invalidated Sample)
  - Special (not for compliance with 62-550)
  - Clearance (permitting)

Sampling Procedure Used or Other Comments:

SOC's

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances. \*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 7/16/20  
 Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568  
 Sampler's E-mail: \_\_\_\_\_

Revised February 2010  
 Florida Department of Environmental Protection

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12<sup>th</sup> Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): E83079, E87775, E87605

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

**ANALYSIS INFORMATION** (to be completed by lab)

Date Sample(s) Received: 07/16/2020

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20070954-001

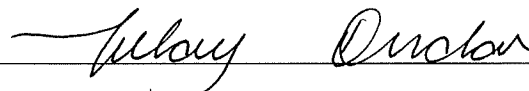
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<p><u>Inorganics</u></p> <input type="checkbox"/> All Except Asbestos <input type="checkbox"/> Partial <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Asbestos	<p><u>Synthetic Organics</u></p> <input checked="" type="checkbox"/> All 30 <input type="checkbox"/> All Except Dioxin <input type="checkbox"/> Partial <input type="checkbox"/> Dioxin Only	<p><u>Volatile Organics</u></p> <input type="checkbox"/> All 21 <input type="checkbox"/> Partial	<p><u>Disinfection Byproducts</u></p> <input type="checkbox"/> Trihalomethanes <input type="checkbox"/> Haloacetic Acids <input type="checkbox"/> Chlorite <input type="checkbox"/> Bromate	<p><u>Radionuclides</u></p> <input type="checkbox"/> Single Sample <input type="checkbox"/> Qtrly Composite**	<p><u>Secondaries</u> <u>Other</u></p> <input type="checkbox"/> All 14 <input type="checkbox"/> Partial
--	---	---	--	--	--

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
 (Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 8/19/20

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES**  
**NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

SYNTHETIC ORGANICS  
62-550.310(4)(b)

Report Number / Job ID: 20070954-001 PWS ID (from Page 1): 6142734

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier *	Analytical Method	Lab MDL	RDL	Extraction Date	Analysis Date	Analysis Time	DOH Lab Certification #
2005	Endrin	2	µg/L	0.01	U	525.2	0.01	0.01	7/28/2020	7/29/2020	04:38	E87775
2010	Lindane	0.2	µg/L	0.01	U	525.2	0.01	0.02	7/28/2020	7/29/2020	04:38	E87775
2015	Methoxychlor	40	µg/L	0.03	U	525.2	0.03	0.1	7/28/2020	7/29/2020	04:38	E87775
2020	Toxaphene	3	µg/L	0.6000	U	508.1	0.6000	1	7/28/2020	7/30/2020	02:14	E83079
2031	Dalapon	200	µg/L	0.8900	U	515.3	0.8900	1	7/21/2020	7/25/2020	01:31	E83079
2032	Diquat	20	µg/L	0.1600	U,J	549.2	0.1600	0.4	7/22/2020	7/23/2020	14:07	E83079
2033	Endothall	100	µg/L	3.3000	U	548.1	3.3000	9	7/22/2020	7/24/2020	08:24	E83079
2034	Glyphosate	700	µg/L	4.2000	U	547	4.2000	6	7/23/2020	7/23/2020	00:04	E83079
2035	Di(2-ethylhexyl)adipate	400	µg/L	0.6	U	525.2	0.6	0.6	7/28/2020	7/29/2020	04:38	E87775
2036	Oxamyl (Vydate)	200	µg/L	0.4400	U	531.2	0.4400	2	7/24/2020	7/24/2020	23:37	E83079
2037	Simazine	4	µg/L	0.01	U	525.2	0.01	0.07	7/28/2020	7/29/2020	04:38	E87775
2039	Di(2-ethylhexyl)phthalate	6	µg/L	0.6	U	525.2	0.6	0.6	7/28/2020	7/29/2020	04:38	E87775
2040	Picloram	500	µg/L	0.0940	U	515.3	0.0940	0.1	7/21/2020	7/25/2020	01:31	E83079
2041	Dinoseb	7	µg/L	0.1600	U	515.3	0.1600	0.2	7/21/2020	7/25/2020	01:31	E83079
2042	Hexachlorocyclopentadinene	50	µg/L	0.01	U	525.2	0.01	0.1	7/28/2020	7/29/2020	04:38	E87775
2046	Carbofuran	40	µg/L	0.6700	U	531.2	0.6700	0.9	7/24/2020	7/24/2020	23:37	E83079
2050	Atrazine	3	µg/L	0.01	U	525.2	0.01	0.1	7/28/2020	7/29/2020	04:38	E87775
2051	Alachlor	2	µg/L	0.01	U	525.2	0.01	0.2	7/28/2020	7/29/2020	04:38	E87775
2063	2,3,7,8-TCDD (Dioxin)	0.03	ng/L	0.00039	U	1613B	0.00039	0.005	8/1/2020	8/2/2020	11:48	E87605
2065	Heptachlor	0.4	µg/L	0.01	U	525.2	0.01	0.04	7/28/2020	7/29/2020	04:38	E87775
2067	Heptachlor Epoxide	0.2	µg/L	0.01	U	525.2	0.01	0.02	7/28/2020	7/29/2020	04:38	E87775
2105	2,4-D	70	µg/L	0.0960	U	515.3	0.0960	0.1	7/21/2020	7/25/2020	01:31	E83079
2110	2,4,5-TP (Silvex)	50	µg/L	0.1600	U	515.3	0.1600	0.2	7/21/2020	7/25/2020	01:31	E83079
2274	Hexachlorobenzene	1	µg/L	0.01	U	525.2	0.01	0.1	7/28/2020	7/29/2020	04:38	E87775
2306	Benzo(a)pyrene	0.2	µg/L	0.01	U	525.2	0.01	0.02	7/28/2020	7/29/2020	04:38	E87775
2326	Pentachlorophenol	1	µg/L	0.0300	U	515.3	0.0300	0.04	7/21/2020	7/25/2020	01:31	E83079
2383	Polychlorinated biphenyls (PCBs)	0.5	µg/L	0.0790	U	508.1	0.0790	0.1	7/28/2020	7/30/2020	02:14	E83079
2931	Dibromochloropropane	0.2	µg/L	0.014	U	504.1	0.014	0.02	7/28/2020	7/28/2020	13:47	E84167
2946	Ethylene Dibromide (EDB)	0.02	µg/L	0.01	U	504.1	0.01	0.01	7/28/2020	7/28/2020	13:47	E84167
2959	Chlordane	2	µg/L	0.0460	U	508.1	0.0460	0.2	7/28/2020	7/30/2020	02:14	E83079

**NOTE:** Results indicating non-detection with a reported lab MDL >50% of the MCL will not be accepted for compliance. J = Estimated value.

Reporting Format 62-550.730  
Effective January 1995, Revised December 2012

\*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, \*, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

## DATA QUALIFIER CODES (From 62-160, Table 1) CONTINUED

N	Presumptive evidence of presence of material. This qualifier shall be used if the component has been tentatively identified based on mass spectral library search; or there is an indication that the analyte is present, but quality control requirements for confirmation were not met (i.e., presence of analyte was not confirmed by alternative procedures).
O	Sampled, but analysis lost or not performed.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
Z	Too many colonies were present for accurate counting. Historically, this condition has been reported as "too numerous to count" (TNTC). The "Z" qualifier code shall be reported when the total number of colonies of all types is more than 200 in all dilutions of the sample. When applicable to the observed test results, a numeric value for the colony count for the microorganism tested shall be estimated from the highest dilution factor (smallest sample volume) used for the test and reported with the qualifier code.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
The following codes (J,Q,R,Y) <b>MAY OR MAY NOT BE ACCEPTABLE</b> for use with results submitted for compliance with 62-550 and 62-555, depending on the parameter(s) and/or the circumstances. Results with these codes will be evaluated on a case by case basis.	
SYMBOL	MEANING
J	Estimated value. A "J" value shall be accompanied by a detailed explanation for designating the value as estimated. Where possible, the lab shall report whether the actual value is estimated to be less than or greater than the reported value. A "J" value shall not be used as a substitute for K, L, M, T, V, or Y, however, if additional reasons exist for identifying the value as an estimate (e.g., matrix spiked failed to meet acceptance criteria), the "J" code may be added to a K, L, M, T, V, or Y. Examples of situations in which a "J" code must be reported include: instances where a quality control item associated with the reported value failed to meet the established quality control criteria (the specific failure must be identified); instances when the sample matrix interfered with the ability to make any accurate determination; instances when data are questionable because of improper laboratory or field protocols (e.g., composite sample was collected instead of a grab sample); instances when the analyte was detected at or above the method detection limit in a blank other than the method blank (such as calibration blank or field-generated blanks and the value of 10 times the blank value was equal to or greater than the associated sample value); or instances when the field or laboratory calibrations or calibration verifications did not meet calibration acceptance criteria.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis.
R	Significant rain in the past 48 hours. (Significant rain typically involves rain in excess of 1/2 inch within the past 48 hours.) This code shall be used when the rainfall might contribute to a lower than normal value.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

**DATA QUALIFIERS THAT MAY APPLY:**

B = Results based upon colony counts outside the ideal range.

G1 = Accuracy standard does not meet method control limits but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request.

G2 = Accuracy standard exceeds acceptable control limits. Duplicate and spike values are within control limits. Reported data are usable.

G3 = Precision measurement exceeded acceptable control limits. Standard and spike values are within control limits. Reported data are usable.

G4 = Spike recovery exceeds acceptable control limits. Standard and duplicate values are within control limits. Reported data are usable.

I = Reported value is between the laboratory MDL and the PQL.

J3 = Estimated value. Quality control criteria for precision and accuracy not met.

J4 = Estimated value. Sample matrix interference suspected.

J6 = Estimated value. SM5210B test replicates show more than 30% difference between high and low values, indicating potential presence of toxicity within the sample.

K = Off-scale low. Value is known to be < the value reported.

L = Off scale high; reported concentration exceeds the highest standard.

ND = Not Detected at or above adjusted reporting limit.

Q = Sample held beyond accepted hold time.

U = Analyte analyzed but not detected at the value indicated.

X = Value exceed MCL.

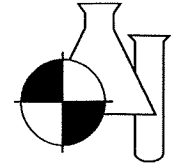
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate

Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume

(L2) = Estimated value. Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

# BENCHMARK

## EnviroAnalytical Inc.



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Sam Stone

### ANALYTICAL TEST REPORT

**THESE RESULTS MEET NELAC STANDARDS**

#### SYNTHETIC ORGANICS

62-550.310 (4) (b)

REPORT NUMBER: 20070954 - 001

SYSTEM NAME: Entry Point (Lab Tap)

SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
2005	ENDRIN	2	UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775
2010	GAMMA-BHC (LINDANE)	0.2	UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775
2015	METHOXYCHLOR	40	UG/L	0.03	U	525.2	0.03	07/29/2020	04:38	E87775
2020	TOXAPHENE	3.0	UG/L	0.6000	U	508.1	0.6000	07/30/2020	02:14	E83079
2031	DALAPON	200	UG/L	0.8900	U	515.3	0.8900	07/25/2020	01:31	E83079
2032	DIQUAT	20	UG/L	0.1600	J(L2)U	549.2	0.1600	07/23/2020	14:07	E83079
2033	ENDOTHALL	100	UG/L	3.3000	U	548.1	3.3000	07/24/2020	08:24	E83079
2034	GLYPHOSATE	700	UG/L	4.2000	U	547	4.2000	07/23/2020	00:04	E83079
2035	BIS(2-ETHYLHEXYL)ADIPATE	400	UG/L	0.6	U	525.2	0.6	07/29/2020	04:38	E87775
2036	OXAMYL	200	UG/L	0.4400	U	531.2	0.4400	07/24/2020	23:37	E83079
2037	SIMAZINE	4	UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775
2039	BIS(2-ETHYLHEXYL)PHTHALATE	6.0	UG/L	0.6	U	525.2	0.6	07/29/2020	04:38	E87775
2040	PICLORAM	500	UG/L	0.0940	U	515.3	0.0940	07/25/2020	01:31	E83079
2041	DINOSEB	7.0	UG/L	0.1600	U	515.3	0.1600	07/25/2020	01:31	E83079
2042	HEXACHLOROCYCLOPENTADIENE		UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775
2046	CARBOFURAN	40	UG/L	0.6700	U	531.2	0.6700	07/24/2020	23:37	E83079
2050	ATRAZINE	3.0	UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775
2051	ALACHLOR	2	UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775
2063	2,3,7,8-TCDD		NG/L	0.00039	U	1613B	0.00039	08/02/2020	11:48	E87605
2065	HEPTACHLOR	0.4	UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775

**SYNTHETIC ORGANICS**

62-550.310 (4) (b)

REPORT NUMBER: 20070954 - 001

SYSTEM NAME: Entry Point (Lab Tap)

SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
2067	HEPTACHLOR EPOXIDE	0.2	UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775
2105	2,4-D	70	UG/L	0.0960	U	515.3	0.0960	07/25/2020	01:31	E83079
2110	2,4,5-TP (SILVEX)	50	UG/L	0.1600	U	515.3	0.1600	07/25/2020	01:31	E83079
2274	HEXACHLOROBENZENE	1	UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775
2306	BENZO(A)PYRENE	0.2	UG/L	0.01	U	525.2	0.01	07/29/2020	04:38	E87775
2326	PENTACHLOROPHENOL	1.0	UG/L	0.0300	U	515.3	0.0300	07/25/2020	01:31	E83079
2383	PCB, TOTAL	0.5	UG/L	0.0790	U	508.1	0.0790	07/30/2020	02:14	E83079
2931	1,2-DIBROMO-3-CHLOROPROPANE	0.20	UG/L	0.014	U	504.1	0.014	07/28/2020	13:47	E84167
2946	ETHYLENE DIBROMIDE	0.02	UG/L	0.01	U	504.1	0.01	07/28/2020	13:47	E84167
2959	CHLORDANE (TECHNICAL)	2.0	UG/L	0.0460	U	508.1	0.0460	07/30/2020	02:14	E83079

**DATA QUALIFIERS THAT MAY APPLY:**

I = Reported value is between the laboratory MDL and the PQL.

J = Estimated value.

J3 = Estimated value. Quality control criteria for precision or accuracy not met.

J4 = Estimated value. Sample matrix interference suspected.

Q = Sample held beyond accepted hold time.

U = Analyte analyzed but not detected at the value indicated.

V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high.

Standard, Duplicate, and Spike values are within control limits. Reported data are usable.

Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.

**NOTES:**

PQL = 4 x MDL.

ND = Not Detected at or above adjusted reporting limit.

MBAS calculated as LAS; molecular weight = 340.

X = Value exceeds MCL.

J(L2) = Estimated value. Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

For questions or comments regarding these results, please contact us at (941)723-9986.

Results relate only to the samples.

# Benchmark EnviroAnalytical, Inc.

1711 Twelfth Street East  
 Palmetto, FL. 34221  
 (941) 723-9986 / (941) 723-6061 fax

Client: **Peace River RWS**  
 8998 S. W. Country Rd  
 Arcadia, FL 34269  
 (863) 993-4565  
 (863) 993-4568 (Fax)

COC Form # 49

Sample Temperature checked upon receipt with Temperature Gun ID #RAYL000570277

Chain of Custody Form: SOC's

Project Name: Peace River Facility Compliance Monitoring – Semi-Annual (Jan., July) (2020, 2023)

Sample Matrix<sup>2</sup>: DW

Laboratory Submission #:

20070954

Sample ID	SOC's (Pesticides and PCB's)									Lab ID #
	Carabamates 531.2	Pesticides 508.1	EDB/DBCP 504	Herbicides 515.3	Semivolatiles 525.2	Glyphosate 547	Endothall 548.1	Diquat 549.2	Dioxin	
	C <sub>2</sub> H <sub>5</sub> KO <sub>2</sub> NaThio pH = 3.3-4.3 ✓	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1:1 HCl* pH < 2 ✓	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1:1 HCl* pH < 2 ✓	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> ***	
2 x 40mL Amber Glass Vials	2 x 1 Liter Amber Glass	2 x 40mL Glass Vials	1 x 250mL Amber Glass	2 x 1 Liter Amber Glass	2 x 40mL Amber Glass Vials**	1 x 500mL Amber Glass	1 x 1 Liter Opaque Plastic	2 x 950mL Amber Glass		
Entry Point (Lab Tap)	Date & Time: 7/16/20 0830 - 0910									1

\*Fill bottle half full with sample, then add entire vial of HCl, \*\*Fill all Vials Full, no head space, sample can not have any air bubbles. \*\*\*Add Entire dropper of H<sub>2</sub>SO<sub>4</sub> to sample.

Chlorine residual at time of collection: 4.0 Temperature at time of collection: 30.0°C Turbidity at time of collection: .15

### Non-Chlorinated

- "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), soil, sediment (SDMNT), or sludge (SLDG).
- "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

### Instructions:

- Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
- The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability: pH < 2 ✓  
 BEA Temperature: 3.6°C

1	Collected / Relinquished By: John Ramsey	Date: 7/16/20	Time: 1034	Received By: Melinda Muchant	Date: 7/16/20	Time: 1034
2	Relinquished By: Melinda Muchant	Date: 7/16/20	Time: 1120	Received By: Buster Deen	Date: 7/16/20	Time: 1120
3	Relinquished By: Buster Deen	Date: 7/16/20	Time: 1430	Received By: [Signature]	Date: 07/16/20	Time: 1430
4	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

**INTERLABORATORY SAMPLE TRANSMITTAL FORM**

Benchmark EnviroAnalytical, Inc.  
 1711 12<sup>th</sup> Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 www.Benchmarkea.com

**WO#: 35564306**



35564306

Date:	07/20/20		
# of Samples:	1	Total # of Bottles:	11
Method of Shipment:	Hand Delivery		
Subcontract Laboratory:	E83079 - Pace Analytical Service Inc; 8 East Tower Circle; Ormond Beach, FL 32175 Daniel Barrett; 1-800-966-5668		
Page	1	of	1

Page 14 of 40

Laboratory Submission #	Collection		Sample Matrix*	Collection Method**	Preservative	Container			Parameters	Comments Sample verified to have no Chlorine at BEA
	Date	Time				Qty	Capacity	Type***		
20070954-1	07/16/20	0830	DW	Grab	NaThio C <sub>6</sub> H <sub>4</sub> K <sub>3</sub> O <sub>7</sub>	2	40mL	G	Carbamates (531.2)	pH @ BEA = <u>4.0</u>
					Na <sub>2</sub> SO <sub>3</sub> 1:1 HCl pH<2	2	1 L	G	Pesticides (508/608)	pH verified @ BEA
					Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	250mL	G	Herbicides (515.3)	
					Na <sub>2</sub> SO <sub>3</sub> 1:1 HCl pH<2	2	1 L	G	Semivolatiles (525.2) (Including Atrazine)	pH verified @ BEA
					Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	2	40mL	G	Glyphosate (547)	
					Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	500mL	G	Endothall (548.1)	
					NaThio 1:4 H <sub>2</sub> SO <sub>4</sub> pH<2	1	1 L	P	Diquat (549.2)	pH verified @ BEA
*Do NOT Dilute sample, Call Dale Dixon for OK first!										

Checked against COC & Method Requirements: Dale Dixon Lab. Director

\* Sample Matrix abbreviations: Groundwater (GW), Surface Water (SW), Saline Surface Water (SSW), Fresh Surface Water(FSW), Drinking Water (DW), Sludge (Slg), Solid (Sol), Soil (Soil), Domestic Effluent (Dom Eff), Industrial Effluent (Ind Eff).

\*\* Sample Method abbreviations: Grab (G), Composite (C), 24 Hour Composite (24HR Comp.).

\*\*\* Container Type abbreviations: Plastic (P), Glass (G).

Relinquished By: (Benchmark)	Sign Name:	<i>Nathan Hadsell</i>	Date:	7-20-20	Received By:	<i>MC PACE</i>	Date:	7-20-20
	Print Name:	Nathan Hadsell (Benchmark EA)	Time:				Time:	12:35
Relinquished By:	Sign Name:	<i>MC PACE</i>	Date:	7-20-20	Received By:	<i>Dawn Sargent</i>	Date:	7-20-20
	Print Name:		Time:	12:42			Time:	12:42

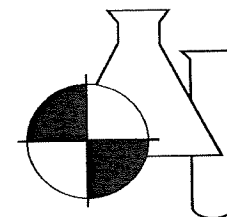




# BENCHMARK

*EnviroAnalytical, Inc.*

## QC REPORT



NELAC CERTIFICATION #E84167

Submission Number: 20070954

Project Name: P R FACILITY COMPLIANCE MON. S-A

SUBMISSION	METHOD	ANALYTE	LAB SAMPLE	ANALYSIS DATE	QC FLAG	QC VALUE	SAMPLE RESULT	DUPLICATE RESULT	LR %RSD	SPK RESULT	STD-SPK RECOVERY
	504.1	1,2-DIBROMO-3-CHLOROPROPANE		07/28/2020 10:12	MB	0.01	0.000				
20070954	001	504.1		07/28/2020 12:30	MS	0.10	0.000			0.090	90.0
20070954	001	504.1		07/28/2020 13:09	MSD		0.090	0.100	2.63		
	504.1	1,2-DIBROMO-3-CHLOROPROPANE		07/28/2020 15:04	STD	0.25	0.250				100.0
	504.1	ETHYLENE DIBROMIDE		07/28/2020 10:12	MB	0.01	0.000				
20070954	001	504.1		07/28/2020 12:30	MS	0.10	0.000			0.100	100.0
20070954	001	504.1		07/28/2020 13:09	MSD		0.100	0.100	0.00		
	504.1	ETHYLENE DIBROMIDE		07/28/2020 15:04	STD	0.25	0.270				108.0

NOTES:



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167 EPA Lab Code: FL00289 (941) 723-9986

E84167  
Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,2,4-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/20/2009
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/20/2009
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Alkalinity as CaCO3	SM 2320 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Ammonia as N	EPA 350.1	Primary Inorganic Contaminants	NELAP	3/7/2011
Antimony	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Arsenic	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Beryllium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Boron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/7/2011
Bromate	EPA 300.1	Primary Inorganic Contaminants	NELAP	11/21/2008
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Bromodichloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Bromoform	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Chlorate	EPA 300.1	Secondary Inorganic Contaminants	NELAP	11/21/2008
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	5/25/2004
Chlorine	SM 4500-Cl G	Primary Inorganic Contaminants	NELAP	3/7/2011
Chlorite	EPA 300.1	Primary Inorganic Contaminants	NELAP	11/21/2008
Chloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Chloroform	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021



Laboratory Scope of Accreditation

Attachment to Certificate #: E83079-79, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E83079** EPA Lab Code: **FL01264** (386) 672-5668

**E83079**  
**Pace Analytical Services, LLC - Ormond Beach FL**  
**8 East Tower Circle**  
**Ormond Beach, FL 32174**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
1,1,2,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
1,1-Dichloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
1,1-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,2,3-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,2,3-Trichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,2,4-Trichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
1,2,4-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	1/8/2002
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	1/8/2002
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
1,3,5-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,3-Dichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,3-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 522	Synthetic Organic Contaminants	NELAP	1/17/2014
11-Chloroicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
2-(N-Methyl-perfluorooctane sulfonamido) acetic acid	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
2,2',3,3',4,5',6'-Octachlorobiphenyl (BZ 201)	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
2,2',3',4,6-Pentachlorobiphenyl (S25.2 typo for 2,2',3,4',6'-Pentachlorobiphenyl)	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
2,2',4,4'-Tetrachlorobiphenyl (BZ 47)	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
2,2-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
2,4,5-T	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2004
2,4-D	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/11/2004
2,4-DB	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2004
2-Chlorobiphenyl (BZ 1)	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
2-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
3-Hydroxycarbofuran	EPA 531.1	Group I Unregulated Contaminants	NELAP	1/8/2002

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Issue Date: 7/1/2020

Expiration Date: 6/30/2021



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E83079-79, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E83079** EPA Lab Code: **FL01264** (386) 672-5668

**E83079**  
**Pace Analytical Services, LLC - Ormond Beach FL**  
**8 East Tower Circle**  
**Ormond Beach, FL 32174**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
3-Hydroxycarbofuran	EPA 531.2	Group I Unregulated Contaminants	NELAP	4/26/2018
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
4-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
4-Isopropyltoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Acetone	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/3/2012
Acifluorfen	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/11/2004
Alachlor	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Alachlor	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Aldicarb (Temik)	EPA 531.1	Group I Unregulated Contaminants	NELAP	1/8/2002
Aldicarb (Temik)	EPA 531.2	Group I Unregulated Contaminants	NELAP	4/26/2018
Aldicarb sulfone	EPA 531.1	Group I Unregulated Contaminants	NELAP	1/8/2002
Aldicarb sulfone	EPA 531.2	Group I Unregulated Contaminants	NELAP	4/26/2018
Aldicarb sulfoxide	EPA 531.1	Group I Unregulated Contaminants	NELAP	1/8/2002
Aldicarb sulfoxide	EPA 531.2	Group I Unregulated Contaminants	NELAP	4/26/2018
Aldrin	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
Aldrin	EPA 525.3	Group I Unregulated Contaminants	NELAP	4/14/2020
Alkalinity as CaCO3	SM 2320 B	Primary Inorganic Contaminants	NELAP	1/8/2002
alpha-Chlordane	EPA 525.3	Group I Unregulated Contaminants	NELAP	4/14/2020
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	1/8/2002
Aluminum	EPA 200.8	Secondary Inorganic Contaminants	NELAP	5/11/2004
Anatoxin-a	EPA 545	Group III Unregulated Contaminants	NELAP	4/14/2020
Antimony	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/11/2004
Atroclor-1016 (PCB-1016)	EPA 505	Group I Unregulated Contaminants	NELAP	4/14/2020
Atroclor-1016 (PCB-1016)	EPA 508.1	Synthetic Organic Contaminants	NELAP	3/10/2010
Atroclor-1221 (PCB-1221)	EPA 505	Group I Unregulated Contaminants	NELAP	4/14/2020
Atroclor-1221 (PCB-1221)	EPA 508.1	Synthetic Organic Contaminants	NELAP	3/10/2010
Atroclor-1232 (PCB-1232)	EPA 505	Group I Unregulated Contaminants	NELAP	4/14/2020
Atroclor-1232 (PCB-1232)	EPA 508.1	Synthetic Organic Contaminants	NELAP	3/10/2010
Atroclor-1242 (PCB-1242)	EPA 505	Group I Unregulated Contaminants	NELAP	4/14/2020
Atroclor-1242 (PCB-1242)	EPA 508.1	Synthetic Organic Contaminants	NELAP	3/10/2010
Atroclor-1248 (PCB-1248)	EPA 505	Group I Unregulated Contaminants	NELAP	4/14/2020
Atroclor-1248 (PCB-1248)	EPA 508.1	Synthetic Organic Contaminants	NELAP	3/10/2010
Atroclor-1254 (PCB-1254)	EPA 505	Group I Unregulated Contaminants	NELAP	4/14/2020
Atroclor-1254 (PCB-1254)	EPA 508.1	Synthetic Organic Contaminants	NELAP	3/10/2010
Atroclor-1260 (PCB-1260)	EPA 505	Group I Unregulated Contaminants	NELAP	4/14/2020

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**Issue Date: 7/1/2020**

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State Laboratory ID: E83079 EPA Lab Code: FL01264 (386) 672-5668

E83079  
Pace Analytical Services, LLC - Ormond Beach FL  
8 East Tower Circle  
Ormond Beach, FL 32174

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aroclor-1260 (PCB-1260)	EPA 508.1	Synthetic Organic Contaminants	NELAP	3/10/2010
Arsenic	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/11/2004
Atrazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	7/1/2016
Atrazine	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	1/8/2002
Barium	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/11/2004
Benzazon	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2004
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
Benzof(a)pyrene	EPA 525.2	Synthetic Organic Contaminants	NELAP	1/8/2002
Benzof(a)pyrene	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Beryllium	EPA 200.7	Primary Inorganic Contaminants	NELAP	1/8/2002
Beryllium	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/11/2004
Bromacil	EPA 525.2	Group I Unregulated Contaminants	NELAP	3/15/2013
Bromate	EPA 300.1	Primary Inorganic Contaminants	NELAP	5/11/2004
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	1/8/2002
Bromide	EPA 300.1	Primary Inorganic Contaminants	NELAP	5/11/2004
Bromoacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	7/1/2016
Bromoacetic acid	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Bromochloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	7/1/2016
Bromochloroacetic acid	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Bromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Bromodichloromethane	EPA 524.2	Group II Unregulated Contaminants, Other Regulated Contaminants	NELAP	1/8/2002
Bromoforn	EPA 524.2	Group II Unregulated Contaminants, Other Regulated Contaminants	NELAP	1/8/2002
Butachlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
Buryl benzyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	1/8/2002
Cadmium	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/11/2004
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	1/8/2002
Carbaryl (Sevin)	EPA 531.1	Group I Unregulated Contaminants	NELAP	1/8/2002
Carbaryl (Sevin)	EPA 531.2	Group I Unregulated Contaminants	NELAP	4/26/2018
Carbofuran (Furadan)	EPA 531.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Carbofuran (Furadan)	EPA 531.2	Synthetic Organic Contaminants	NELAP	4/26/2018
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
Chlorate	EPA 300.1	Primary Inorganic Contaminants	NELAP	5/11/2004
Chlordane (tech.)	EPA 505	Synthetic Organic Contaminants	NELAP	4/14/2020

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**E83079**  
**Pace Analytical Services, LLC - Ormond Beach FL**  
**8 East Tower Circle**  
**Ormond Beach, FL 32174**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chlordane (tech.)	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	1/8/2002
Chlorite	SM 4500-Cl D	Primary Inorganic Contaminants	NELAP	1/8/2002
Chlorine dioxide, res. disinfectant	SM 4500-CIO2 D	Primary Inorganic Contaminants	NELAP	10/14/2004
Chlorite	EPA 300.1	Primary Inorganic Contaminants	NELAP	5/11/2004
Chloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	7/1/2016
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
Chloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Chloroform	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	1/8/2002
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	1/8/2002
Chromium	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/11/2004
Chromium VI	EPA 218.6	Primary Inorganic Contaminants	NELAP	12/12/2012
Chromium VI	EPA 218.7	Primary Inorganic Contaminants	NELAP	12/12/2012
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
cis-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	4/26/2018
Cobalt	EPA 200.8	Primary Inorganic Contaminants	NELAP	12/12/2012
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	1/8/2002
Conductivity	SM 2510 B	Primary Inorganic Contaminants	NELAP	1/8/2002
Copper	EPA 200.7	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	1/8/2002
Copper	EPA 200.8	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	5/11/2004
Corrosivity (langlier index)	SM 2330 B	Secondary Inorganic Contaminants	NELAP	1/8/2002
Cyanide	EPA 335.4	Primary Inorganic Contaminants	NELAP	1/8/2002
Cylindrospermopsin	EPA 545	Group III Unregulated Contaminants	NELAP	4/14/2020
Dalapon	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/11/2004
Di(2-ethylhexyl) phthalate (DEHP)	EPA 525.2	Synthetic Organic Contaminants	NELAP	1/8/2002
Di(2-ethylhexyl) phthalate (DEHP)	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Di(2-ethylhexyl)adipate	EPA 525.2	Synthetic Organic Contaminants	NELAP	1/8/2002
Di(2-ethylhexyl)adipate	EPA 525.3	Synthetic Organic Contaminants	NELAP	5/21/2020
Dibromoacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	7/1/2016
Dibromochloromethane	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	1/8/2002
Dibromomethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Dicamba	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/11/2004

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**Pace Analytical Services, LLC - Ormond Beach FL**  
**8 East Tower Circle**  
**Ormond Beach, FL 32174**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Dichloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	7/1/2016
Dichlorodifluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Dichloromethane (DCM, Methylene chloride)	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
Dichloroprop (Dichloroprop)	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2004
Dieldrin	EPA 508.1	Group I Unregulated Contaminants	NELAP	1/8/2002
Dieldrin	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
Dieldrin	EPA 525.3	Group I Unregulated Contaminants	NELAP	4/14/2020
Diethyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Dimethyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Di-n-butyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/11/2004
Diquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	1/8/2002
Dissolved organic carbon (DOC)	SM 5310 B	Primary Inorganic Contaminants	NELAP	1/31/2012
Endothall	EPA 548.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Endrin	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Endrin	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Escherichia coli	COLISURE	Microbiology	NELAP	11/1/2011
Escherichia coli	SM 9223 B	Microbiology	NELAP	11/1/2011
Ethylbenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
Fluorene	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Fluoride	EPA 300.0	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	NELAP	1/8/2002
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
gamma-Chlordane	EPA 525.3	Group I Unregulated Contaminants	NELAP	4/14/2020
Glyphosate	EPA 547	Synthetic Organic Contaminants	NELAP	1/8/2002
Hardness	SM 2340 B	Secondary Inorganic Contaminants	NELAP	8/14/2006
Hardness (calc.)	EPA 200.7	Secondary Inorganic Contaminants	NELAP	8/14/2006
Hepachlor	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Hepachlor	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Hepachlor epoxide	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Hepachlor epoxide	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Heterotrophic plate count	SIMPLATE	Microbiology	NELAP	3/15/2013
Hexachlorobenzene	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Hexachlorobenzene	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020

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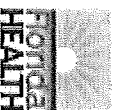
Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Hexachlorobutadiene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Hexachlorocyclopentadiene	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Hexachlorocyclopentadiene	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Indeno(1,2,3-cd)pyrene	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	1/8/2002
Isopropylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Lead	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/11/2004
m/p-Xylenes	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/3/2012
Magnesium	EPA 200.7	Primary Inorganic Contaminants	NELAP	1/8/2002
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	1/8/2002
Manganese	EPA 200.8	Secondary Inorganic Contaminants	NELAP	5/11/2004
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	1/8/2002
Methiocarb (Mesuro)	EPA 531.1	Group I Unregulated Contaminants	NELAP	1/8/2002
Methiocarb (Mesuro)	EPA 531.2	Group I Unregulated Contaminants	NELAP	4/26/2018
Methomyl (Lannate)	EPA 531.1	Group I Unregulated Contaminants	NELAP	1/8/2002
Methomyl (Lannate)	EPA 531.2	Group I Unregulated Contaminants	NELAP	4/26/2018
Methoxychlor	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Methoxychlor	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Methyl bromide (Bromomethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Methyl chloride (Chloromethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Methyl tert-butyl ether (MTBE)	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Metolachlor	EPA 508.1	Group I Unregulated Contaminants	NELAP	1/8/2002
Metolachlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
Metolachlor	EPA 525.3	Group I Unregulated Contaminants	NELAP	4/14/2020
Metribuzin	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
Metribuzin	EPA 525.3	Group I Unregulated Contaminants	NELAP	4/14/2020
Molinate	EPA 525.3	Group I Unregulated Contaminants	NELAP	4/14/2020
Naphthalene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
n-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	1/8/2002
Nickel	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/11/2004
Nitrate	EPA 300.0	Primary Inorganic Contaminants	NELAP	1/8/2002
Nitrate	EPA 353.2	Primary Inorganic Contaminants	NELAP	1/8/2002
Nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	1/8/2002
Nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	1/8/2002

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**E83079**  
**Pace Analytical Services, LLC - Ormond Beach FL**  
**8 East Tower Circle**  
**Ormond Beach, FL 32174**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
n-Propylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Odor	SM 2150 B	Secondary Inorganic Contaminants	NELAP	1/8/2002
Orthophosphate as P	EPA 300.0	Primary Inorganic Contaminants	NELAP	1/8/2002
Orthophosphate as P	EPA 365.1	Primary Inorganic Contaminants	NELAP	1/8/2002
Oxamyl	EPA 531.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Oxamyl	EPA 531.2	Synthetic Organic Contaminants	NELAP	4/26/2018
o-Xylene	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/3/2012
Paraquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	3/10/2010
PCBs	EPA 505	Synthetic Organic Contaminants	NELAP	4/14/2020
PCBs	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
PCBs	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/11/2004
Pentachlorophenol	EPA 537	Group III Unregulated Contaminants	NELAP	7/1/2016
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorodecanoate (PFDA, perfluorodecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorododecanoate (PFDDoA, perfluorododecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	7/1/2016
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorohexanoate (PFHxA, perfluorohexanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	7/1/2016
Perfluorononanoate (PFNA, perfluorononanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorononanoate (PFNA, perfluorononanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorooctane sulfonate (PFOS, perfluorooctane sulfonic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	7/1/2016
Perfluorooctane sulfonate (PFOS, perfluorooctane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	7/1/2016
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019
Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	12/5/2019

**Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.**

**Issue Date: 7/1/2020**

**Expiration Date: 6/30/2021**



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E8775-40, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E8775** EPA Lab Code: **IN00035** (574) 233-4777

**E8775**  
**Eurofins Eaton Analytical, LLC - South Bend**  
**110 South Hill Street**  
**South Bend, IN 46617**

Matrix: **Drinking Water**

Analyte	Method/Teach	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
1,1,1-Trichloro-2-propanone	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
1,1,2,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
1,1-Dichloro-2-propanone	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
1,1-Dichloro-2-propanone	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
1,1-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
1,1-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
1,2,3-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
1,2,3-Trichloropropene	EPA 524.3	Group II Unregulated Contaminants	NELAP	10/21/2019
1,2,4-Trichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
1,2,4-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	5/9/2016
1,2-Dibromo-3-chloropropane (DBCP)	EPA 524.3	Synthetic Organic Contaminants	NELAP	10/21/2019
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	5/9/2016
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 524.3	Synthetic Organic Contaminants	NELAP	10/21/2019
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
1,3,5-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
1,3-Dichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
1,3-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 522	Synthetic Organic Contaminants	NELAP	5/9/2016
1-Chloroicosafluoro-3-oxaundecane-1-sulfonic acid (1-Cl-PF30LDS)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
1-Chlorobutane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	EPA 537	Group III Unregulated Contaminants	NELAP	10/21/2019
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid	EPA 537	Group III Unregulated Contaminants	NELAP	10/21/2019
2-(N-Methyl-perfluorooctane sulfonamido) acetic acid	EPA 537	Group III Unregulated Contaminants	NELAP	10/21/2019
2-(N-Methyl-perfluorooctane sulfonamido) acetic acid	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
2,2-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016

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**Issue Date: 7/1/2020**

**Expiration Date: 6/30/2021**



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E87775-40, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87775

EPA Lab Code:

IN00035

(574) 233-4777

E87775

Eurofins Eaton Analytical, LLC - South Bend  
110 South Hill Street  
South Bend, IN 46617

Matrix: **Drinking Water**

Analyte	Method/Teach	Category	Certification Type	Effective Date
2,4,5-T	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/9/2016
2,4-D	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/9/2016
2,4-DB	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/9/2016
2-Butanone (Methyl ethyl ketone, MEK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
2-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
2-Hexanone	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
2-Nitropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
3,5-Dichlorobenzoic acid	EPA 515.3	Group I Unregulated Contaminants	NELAP	11/16/2016
3-Hydroxycarbofuran	EPA 531.2	Group I Unregulated Contaminants	NELAP	5/9/2016
4,4'-DDD	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
4,4'-DDE	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
4,4'-DDT	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
4-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
4-Isopropyltoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
4-Methyl-2-pentanone (MIBK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
9-Chlorohexadecylfluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Acenaphthylene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Acetaldehyde	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Acetone	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Acifluorfen	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/9/2016
Acrylonitrile	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Alachlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Aldicarb (Temik)	EPA 531.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Aldicarb sulfone	EPA 531.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Aldicarb sulfoxide	EPA 531.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Aldrin	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Alkalinity as CaCO3	SM 2330 B	Primary Inorganic Contaminants	NELAP	5/9/2016
Allyl chloride (3-Chloropropene)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Aluminum	EPA 200.8	Secondary Inorganic Contaminants	NELAP	5/9/2016
Anthracene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Antimony	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/9/2016
Aroclor-1016 (PCB-1016)	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016
Aroclor-1221 (PCB-1221)	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016
Aroclor-1232 (PCB-1232)	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016
Aroclor-1242 (PCB-1242)	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016

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Issue Date: 7/1/2020

Expiration Date: 6/30/2021



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Attachment to Certificate #: E87775-40, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87775 EPA Lab Code: IN00035 (574) 233-4777

E87775  
Eurofins Eaton Analytical, LLC - South Bend  
110 South Hill Street  
South Bend, IN 46617

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aroclor-1248 (PCB-1248)	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016
Aroclor-1254 (PCB-1254)	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016
Aroclor-1260 (PCB-1260)	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016
Arsenic	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/9/2016
Atrazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Barium	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/9/2016
Benzazone	EPA 515.3	Group I Unregulated Contaminants	NELAP	11/16/2016
Benzaldehyde	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Benzof(a)anthracene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Benzof(a)pyrene	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Benzof(b)fluoranthene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Benzof(g,h,i)perylene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Benzof(k)fluoranthene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Beryllium	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/9/2016
Bromacil	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Bromate	EPA 300.1	Primary Inorganic Contaminants	NELAP	5/9/2016
Bromate	EPA 317.0	Primary Inorganic Contaminants	NELAP	5/9/2016
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/9/2016
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants,Synthetic Organic Contaminants	NELAP	5/9/2016
Bromoacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Bromobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Bromochloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Bromochloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Bromochloroacetic acid(BDCAA)	EPA 552.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Bromochloroacetic acid(BDCAA)	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Bromodichloromethane	EPA 524.2	Other Regulated Contaminants,Group II Unregulated Contaminants	NELAP	5/9/2016
Bromodichloromethane	EPA 524.3	Group II Unregulated Contaminants	NELAP	10/21/2019
Bromodichloromethane	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
Bromoform	EPA 524.2	Other Regulated Contaminants,Group II Unregulated Contaminants	NELAP	5/9/2016
Bromoform	EPA 524.3	Group II Unregulated Contaminants	NELAP	10/21/2019

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State Laboratory ID: E87775      EPA Lab Code: IN00035      (574) 233-4777

**E87775**  
**Eurofins Eaton Analytical, LLC - South Bend**  
**110 South Hill Street**  
**South Bend, IN 46617**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Bromoform	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
Butachlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Butanal	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Butyl benzyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Cadmium	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/9/2016
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/9/2016
Carbaryl (Sevin)	EPA 531.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Carbofuran (Furadan)	EPA 531.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Carbon disulfide	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Chloral hydrate	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
Chlorate	EPA 300.0	Secondary Inorganic Contaminants	NELAP	5/9/2016
Chlordane (tech)	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	5/9/2016
Chlorine	SM 4500-Cl G	Primary Inorganic Contaminants	NELAP	5/9/2016
Chlorite	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/9/2016
Chloroacetic acid	EPA 552.2	Synthetic Organic Contaminants, Group I Unregulated Contaminants	NELAP	5/9/2016
Chloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Chloroacetoneitrile	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Chlorodibromoacetic acid(CDBAA)	EPA 552.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Chlorodibromoacetic acid(CDBAA)	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Chloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Chloroform	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	5/9/2016
Chloroform	EPA 524.3	Group II Unregulated Contaminants	NELAP	10/21/2019
Chloroform	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
Chloropicrin	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
Chlorothalonil	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Chromium	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/9/2016
Chromium VI	EPA 218.6	Primary Inorganic Contaminants	NELAP	11/16/2016
Chromium VI	EPA 218.7	Primary Inorganic Contaminants	NELAP	11/16/2016
Chrysene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
cis-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016

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Eurofins Eaton Analytical, LLC - South Bend  
110 South Hill Street  
South Bend, IN 46617

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	5/9/2016
Conductivity	SM 2510 B	Primary Inorganic Contaminants	NELAP	5/9/2016
Copper	EPA 200.8	Secondary Inorganic Contaminants, Primary Inorganic Contaminants	NELAP	5/9/2016
Corrosivity (langier index)	SM 2330 B	Secondary Inorganic Contaminants	NELAP	5/9/2016
Formaldehyde	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Cryptosporidium	EPA 1623	Microbiology	NELAP	5/9/2016
Cyanide	EPA 335.4	Primary Inorganic Contaminants	NELAP	5/9/2016
Cyclohexanone	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Daclath (DCPA)	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/9/2016
Dalapon	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/9/2016
Decanal	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Di(2-ethylhexyl) phthalate (DEHP)	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Di(2-ethylhexyl)adipate	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Dibenz(a,h)anthracene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Dibromoacetic acid	EPA 552.2	Synthetic Organic Contaminants, Group I Unregulated Contaminants	NELAP	5/9/2016
Dibromoacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Dibromoacetone	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
Dibromochloromethane	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	5/9/2016
Dibromochloromethane	EPA 524.3	Group II Unregulated Contaminants	NELAP	10/21/2019
Dibromochloromethane	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
Dibromomethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Dicamba	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/9/2016
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants, Synthetic Organic Contaminants	NELAP	5/9/2016
Dichloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Dichloroacetone	EPA 551.1	Group II Unregulated Contaminants	NELAP	5/9/2016
Dichlorodifluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Dichloromethane (DCM, Methylene chloride)	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Dichloroprop (Dichloroprop)	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/9/2016
Dieldrin	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Diethyl ether	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Diethyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Dimethyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016

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State Laboratory ID: E87775 EPA Lab Code: IN00035 (574) 233-4777

**E87775**  
**Eurofins Eaton Analytical, LLC - South Bend**  
**110 South Hill Street**  
**South Bend, IN 46617**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Di-n-butyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/9/2016
Diquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Dissolved organic carbon (DOC)	SM 5310 C	Primary Inorganic Contaminants	NELAP	5/9/2016
Endothal	EPA 548.1	Synthetic Organic Contaminants	NELAP	5/9/2016
Endrin	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
EPTC (Eptam, s-ethyl-dipropyl thio carbamate)	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Escherichia coli	COLISURE	Microbiology	NELAP	5/9/2016
Escherichia coli	SM 9223 B	Microbiology	NELAP	5/9/2016
Escherichia coli	SM 9223 B	Microbiology	NELAP	5/9/2016
Escherichia coli	SM 9223 B /QUANT-TRAY	Microbiology	NELAP	11/16/2016
Ethyl methacrylate	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Ethylbenzene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Ethyl-t-butylether (ETBE)	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Fluorene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Fluoride	EPA 300.0	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	NELAP	5/9/2016
Fluoride	SM 4500 F-C	Primary Inorganic Contaminants	NELAP	5/9/2016
Formaldehyde	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Giardia	EPA 1623	Microbiology	NELAP	5/9/2016
Glyoxal	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Glyphosate	EPA 547	Synthetic Organic Contaminants	NELAP	5/9/2016
Gross-alpha	SM 7110 B	Radiochemistry	NELAP	5/9/2016
Gross-alpha	SM 7110 C	Radiochemistry	NELAP	5/9/2016
Gross-beta	SM 7110 B	Radiochemistry	NELAP	5/9/2016
Hardness	SM 2340 B	Secondary Inorganic Contaminants	NELAP	5/9/2016
Heptachlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Heptachlor epoxide	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Heptanal	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Heterotrophic plate count	SIMPLATE	Microbiology	NELAP	5/9/2016
Hexachlorobenzene	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Hexachlorobutadiene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Hexachlorocyclopentadiene	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Hexachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019

**Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.**

**Issue Date: 7/1/2020**

**Expiration Date: 6/30/2021**



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E87775-40, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87775

EPA Lab Code: IN00035

(574) 233-4777

**E87775**  
**Eurofins Eaton Analytical, LLC - South Bend**  
**110 South Hill Street**  
**South Bend, IN 46617**

Matrix: **Drinking Water**

Analyte	Method/Teach	Category	Certification Type	Effective Date
Hexanal	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Indeno(1,2,3-cd)pyrene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Iodomethane (Methyl iodide)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/9/2016
Isopropylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Lead	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/9/2016
m/p-Xylenes	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/21/2019
Magnesium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/9/2016
Manganese	EPA 200.8	Secondary Inorganic Contaminants	NELAP	5/9/2016
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	5/9/2016
Methacrylonitrile	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Methiocarb (Mesorol)	EPA 531.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Methomyl (Lannate)	EPA 531.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Methoxychlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Methyl acrylate	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Methyl bromide (Bromomethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Methyl chloride (Chloromethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Methyl glyoxal	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Methyl methacrylate	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Methyl tert-butyl ether (MTBE)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Metolachlor	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Merribuzin	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Molinate	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Molybdenum	EPA 200.8	Secondary Inorganic Contaminants	NELAP	5/9/2016
Naphthalene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
n-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Nickel	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/9/2016
Nitrate	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/9/2016
Nitrate	EPA 353.2	Primary Inorganic Contaminants	NELAP	5/9/2016
Nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	5/9/2016
Nitrobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Nonanal	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
n-Propylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Octanal	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Orthophosphate as P	SM 4500-P E	Primary Inorganic Contaminants	NELAP	5/9/2016
Oxamyl	EPA 531.2	Synthetic Organic Contaminants	NELAP	5/9/2016

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Issue Date: 7/1/2020

Expiration Date: 6/30/2021



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E87775-40, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87775** EPA Lab Code: **IN00035** (574) 233-4777

**E87775**  
**Eurofins Eaton Analytical, LLC - South Bend**  
**110 South Hill Street**  
**South Bend, IN 46617**

Matrix: **Drinking Water**

Analyte	Method/Teach	Category	Certification Type	Effective Date
o-Xylene	EPA 524.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Paraquat	EPA 549.2	Group I Unregulated Contaminants	NELAP	11/16/2016
PCBs	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016
Pentachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Pentachlorophenol	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/9/2016
Pentanal (Valeraldehyde)	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Perchlorate	EPA 331.0	Secondary Inorganic Contaminants	NELAP	5/9/2016
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	11/16/2016
Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorodecanoate (PFDA, perfluorodecanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorododecanoate (PFDDoA, perfluorododecanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorododecanoate (PFDDoA, perfluorododecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorodecanoate (PFHxA, perfluorheptanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	11/16/2016
Perfluorodecanoate (PFHxA, perfluorheptanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	11/16/2016
Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorohexanoate (PFHxA, perfluorohexanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorohexanoate (PFHxA, perfluorohexanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorononanoate (PFNA, perfluorononanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	11/16/2016
Perfluorononanoate (PFNA, perfluorononanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorooctane sulfonate (PFOS, perfluorooctane sulfonic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	11/16/2016
Perfluorooctane sulfonate (PFOS, perfluorooctane sulfonic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	11/16/2016
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorooctanoate (PFOA, perfluorooctanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019

**Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.**

**Issue Date: 7/1/2020**

**Expiration Date: 6/30/2021**



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E87775-40, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87775 EPA Lab Code: IN00035 (574) 233-4777

E87775  
Eurofins Eaton Analytical, LLC - South Bend  
110 South Hill Street  
South Bend, IN 46617

Matrix: Drinking Water

Analyte	Method/Teach	Category	Certification Type	Effective Date
Perfluorotridecanoate (PFTrIA, perfluorotridecanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluorotridecanoate (PFTrIA, perfluorotridecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)	EPA 537	Group III Unregulated Contaminants	NELAP	10/21/2019
Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)	EPA 537.1	Group III Unregulated Contaminants	NELAP	10/21/2019
pH	EPA 150.1	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	NELAP	5/9/2016
Phenanthrene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Picloram	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/9/2016
Potassium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/9/2016
Prometryn	EPA 525.2	Group I Unregulated Contaminants	NELAP	11/16/2016
Propachlor (Ranrod)	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Propanal (Propionaldehyde)	EPA 556	Group III Unregulated Contaminants	NELAP	11/16/2016
Propionitrile (Ethyl cyanide)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Propoxur (Baygon)	EPA 531.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Pyrene	EPA 525.2	Group III Unregulated Contaminants	NELAP	5/9/2016
Radium-226	SM 7500-Ra B	Radiochemistry	NELAP	5/9/2016
Radium-228	SM 7500-Ra D	Radiochemistry	NELAP	5/9/2016
Radon	SM 7500 Rn B	Radiochemistry	NELAP	5/9/2016
Residue-filterable (TDS)	SM 2540 C	Secondary Inorganic Contaminants	NELAP	5/9/2016
sec-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Selenium	EPA 200.8	Primary Inorganic Contaminants	NELAP	5/9/2016
Silica as SiO2	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/9/2016
Silver	EPA 200.8	Secondary Inorganic Contaminants	NELAP	5/9/2016
Sivex (2,4,5-TP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/9/2016
Simazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/9/2016
Styrene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Sulfate	EPA 300.0	Secondary Inorganic Contaminants,Primary Inorganic Contaminants	NELAP	5/9/2016
T-amylnmethyl ether (TAME)	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Terbacil	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
tert-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Tetrachloroethylene (Perchloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016

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Issue Date: 7/1/2020

Expiration Date: 6/30/2021



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E87775-40, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87775

EPA Lab Code:

IN00035

(574) 233-4777

E87775

**Eurofins Eaton Analytical, LLC - South Bend**  
110 South Hill Street  
South Bend, IN 46617

Matrix: **Drinking Water**

Analyte	Method/Teach	Category	Certification Type	Effective Date
Tetrahydrofuran (THF)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Thallium	EPA 200.8	Primary/ Inorganic Contaminants	NELAP	5/9/2016
Toluene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Total coliforms	COLISURE	Microbiology	NELAP	5/9/2016
Total coliforms	SM 9223 B	Microbiology	NELAP	5/9/2016
Total coliforms	SM 9223 B /QUANTIT-TRAY	Microbiology	NELAP	11/16/2016
Total haloacetic acids (HAA5)	EPA 552.2	Synthetic Organic Contaminants	NELAP	5/9/2016
Total haloacetic acids (HAA5)	EPA 552.3	Synthetic Organic Contaminants	NELAP	10/21/2019
Total nitrate-nitrite	EPA 353.2	Primary/ Inorganic Contaminants	NELAP	5/9/2016
Total organic carbon	SM 5310 C	Primary/ Inorganic Contaminants	NELAP	5/9/2016
Total trihalomethanes	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Total trihalomethanes	EPA 524.3	Other Regulated Contaminants	NELAP	10/21/2019
Total trihalomethanes	EPA 551.1	Other Regulated Contaminants	NELAP	5/9/2016
Toxaphene (Chlorinated camphene)	EPA 505	Synthetic Organic Contaminants	NELAP	5/9/2016
trans-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
trans-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
trans-1,4-Dichloro-2-butene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/9/2016
Trichloroacetic acid (TBAA)	EPA 552.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Trichloroacetic acid (TBAA)	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants, Synthetic Organic Contaminants	NELAP	5/9/2016
Trichloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Trichloroacetic acid	EPA 551.1	Group I Unregulated Contaminants	NELAP	5/9/2016
Trichloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	5/9/2016
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Trichloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Trichloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	10/21/2019
Trichloroacetic acid	EPA 551.1	Group I Unregulated Contaminants	NELAP	5/9/2016
Trichloroacetic acid	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Trichloroacetic acid	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Trifluralin (Treflan)	EPA 525.2	Group I Unregulated Contaminants	NELAP	5/9/2016
Tritium	EPA 906.0	Radiochemistry	NELAP	5/9/2016
Turbidity	EPA 180.1	Secondary/ Inorganic Contaminants	NELAP	5/9/2016
Uranium	EPA 200.8	Radiochemistry	NELAP	5/9/2016
UV 254	SM 5910 B	Primary/ Inorganic Contaminants	NELAP	5/9/2016
Vanadium	EPA 200.8	Secondary/ Inorganic Contaminants	NELAP	5/9/2016
Vinyl chloride	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Xylene (total)	EPA 524.2	Other Regulated Contaminants	NELAP	5/9/2016
Zinc	EPA 200.8	Secondary/ Inorganic Contaminants	NELAP	5/9/2016

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program. Issue Date: 7/1/2020

Expiration Date: 6/30/2021

August 19, 2020

Dr. Dale Dixon  
Benchmark Analytical Lab Inc.  
1711 12th Street East  
Palmetto, FL 34221

RE: Project: 20070954  
Pace Project No.: 35564306

Dear Dr. Dixon:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NEELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses were subcontracted outside of the Pace Network. The test report from the external subcontractor is attached to this report in its entirety.

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.

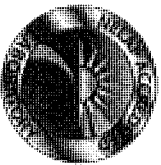
Sincerely,



Bo Garcia  
bo.garcia@pacelabs.com  
(386)672-5668  
Project Manager

Enclosures

cc: Ms. Bettina Beilfuss, Benchmark Analytical Lab Inc.  
Dr. Dale Dixon, Benchmark Analytical Lab Inc.  
Annah Jensen, Benchmark Analytical Lab Inc.  
Kara Peterson, Benchmark Analytical Lab Inc.  
Tulay Dindar Tanrısever, Benchmark Analytical Lab Inc.  
Kelsey Ulrich, BenchmarkEA



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: 20070954  
Pace Project No.: 35564-306

**Pace Analytical Services Ormond Beach**  
8 East Tower Circle, Ormond Beach, FL 32174  
Alabama DEC- CS/UST/LUST  
Alaska 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

## REPORT OF LABORATORY ANALYSIS

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

### SAMPLE SUMMARY

Project: 20070954  
Pace Project No.: 35564306

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35564306001	20070954-1	Drinking Water	07/16/20 08:30	07/20/20 12:42

### REPORT OF LABORATORY ANALYSIS

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

### SAMPLE ANALYTE COUNT

Project: 20070954  
Pace Project No.: 35564306

Lab ID	Sample ID	Method	Analysts	Analytes	
				Reported	Laboratory
35564306001	20070954-1	EPA 508.1	LJM	11	PAS-I-O
		EPA 515.3	JGH	8	PAS-I-O
		EPA 531.2	PFG	3	PAS-I-O
		EPA 547	PFG	1	PAS-I-O
		EPA 549.2	PFG	1	PAS-I-O
		EPA 548.1	CTB	1	PAS-I-O

PAS-I-O = Pace Analytical Services - Ormond Beach

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 20070954  
Pace Project No.: 35564306

Lab ID: 35564306001 Collected: 07/16/20 08:30 Received: 07/20/20 12:42 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>508.1 GCS Pesticides</b>									
Analytical Method: EPA 508.1 Preparation Method: EPA 508.1									
Pace Analytical Services - Ormond Beach									
Chlordane (Technical)	0.046 U	ug/L	0.20	0.046	1	07/28/20 08:42	07/30/20 02:14	57-74-9	
PCB-1016 (Aroclor 1016)	0.079 U	ug/L	0.099	0.079	1	07/28/20 08:42	07/30/20 02:14	12674-11-2	
PCB-1221 (Aroclor 1221)	0.029 U	ug/L	0.099	0.029	1	07/28/20 08:42	07/30/20 02:14	11104-28-2	
PCB-1232 (Aroclor 1232)	0.029 U	ug/L	0.099	0.029	1	07/28/20 08:42	07/30/20 02:14	11141-16-5	
PCB-1242 (Aroclor 1242)	0.050 U	ug/L	0.099	0.050	1	07/28/20 08:42	07/30/20 02:14	53469-21-9	
PCB-1248 (Aroclor 1248)	0.061 U	ug/L	0.099	0.061	1	07/28/20 08:42	07/30/20 02:14	12672-29-6	
PCB-1254 (Aroclor 1254)	0.023 U	ug/L	0.099	0.023	1	07/28/20 08:42	07/30/20 02:14	11097-69-1	
PCB-1260 (Aroclor 1260)	0.065 U	ug/L	0.099	0.065	1	07/28/20 08:42	07/30/20 02:14	11096-82-5	
PCB, Total	0.079 U	ug/L	0.099	0.079	1	07/28/20 08:42	07/30/20 02:14	1336-36-3	
Toxaphene	0.60 U	ug/L	0.99	0.60	1	07/28/20 08:42	07/30/20 02:14	8001-35-2	
<b>Surrogates</b>									
Decachlorobiphenyl (S)	96	%	70-130		1	07/28/20 08:42	07/30/20 02:14	2051-24-3	
<b>515.3 Chlorinated Herbicides</b>									
Analytical Method: EPA 515.3 Preparation Method: EPA 515.3									
Pace Analytical Services - Ormond Beach									
2,4-D	0.096 U	ug/L	0.10	0.096	1	07/21/20 16:21	07/25/20 01:31	94-75-7	
Dalapon	0.89 U	ug/L	1.0	0.89	1	07/21/20 16:21	07/25/20 01:31	75-99-0	
Dicamba	0.067 U	ug/L	0.10	0.067	1	07/21/20 16:21	07/25/20 01:31	1918-00-9	
Dinoseb	0.16 U	ug/L	0.20	0.16	1	07/21/20 16:21	07/25/20 01:31	88-85-7	
Pentachlorophenol	0.030 U	ug/L	0.040	0.030	1	07/21/20 16:21	07/25/20 01:31	87-86-5	
Pidloram	0.094 U	ug/L	0.10	0.094	1	07/21/20 16:21	07/25/20 01:31	1918-02-1	
2,4,5-TP (Silvex)	0.16 U	ug/L	0.20	0.16	1	07/21/20 16:21	07/25/20 01:31	93-72-1	
<b>Surrogates</b>									
2,4-DCAA (S)	82	%	70-130		1	07/21/20 16:21	07/25/20 01:31	19719-28-9	
<b>531.2 HPLC Carbamates</b>									
Analytical Method: EPA 531.2									
Pace Analytical Services - Ormond Beach									
Carbofuran	0.67 U	ug/L	0.90	0.67	1		07/24/20 23:37	1563-66-2	
Oxamyl	0.44 U	ug/L	2.0	0.44	1		07/24/20 23:37	23135-22-0	
<b>Surrogates</b>									
BDMC (S)	108	%	70-130		1		07/24/20 23:37		
<b>547 HPLC Glyphosate</b>									
Analytical Method: EPA 547									
Pace Analytical Services - Ormond Beach									
Glyphosate	4.2 U	ug/L	6.0	4.2	1		07/23/20 00:04		
<b>549.2 HPLC Paraquat Diquat</b>									
Analytical Method: EPA 549.2 Preparation Method: EPA 549.2									
Pace Analytical Services - Ormond Beach									
Diquat	0.16 U	ug/L	0.40	0.16	1	07/22/20 20:20	07/23/20 14:07	85-00-7	J(L2)
<b>548.1 GCS Endothall</b>									
Analytical Method: EPA 548.1 Preparation Method: EPA 548.1									
Pace Analytical Services - Ormond Beach									
Endothall	3.3 U	ug/L	9.0	3.3	1	07/22/20 17:44	07/24/20 08:24		ea

### REPORT OF LABORATORY ANALYSIS

Date: 08/19/2020 09:09 AM

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**QUALITY CONTROL DATA**

Project: 20070954  
Pace Project No.: 35564306

QC Batch: 651153 Analysis Method: EPA 531.2  
QC Batch Method: EPA 531.2 Analysis Description: 531.2 HPLC Carbamate  
Associated Lab Samples: 35564306001 Laboratory: Pace Analytical Services - Ormond Beach

METHOD BLANK: 3540475  
Associated Lab Samples: 35564306001

Matrix: Water

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Carbofuran	ug/L	0.67 U	0.90		0.67	07/24/20 15:48
Oxamyl	ug/L	0.44 U	2.0		0.44	07/24/20 15:48
BDMC (S)	%	102	70-130			07/24/20 15:48

**LABORATORY CONTROL SAMPLE: 3540476**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbofuran	ug/L	10	9.3	93	70-130	
Oxamyl	ug/L	10	9.5	95	70-130	
BDMC (S)	%			93	70-130	

**MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3540477 3540478**

Parameter	Units	MS 35564723001		MSD 3540477		MS 3540478		MSD 3540478		% Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result	Spike Conc.	Result	Spike Conc.	Result					
Carbofuran	ug/L	10	0.67 U	10	9.7	10	9.2	97	92	97	70-130	5	30	
Oxamyl	ug/L	10	0.44 U	10	10.6	10	9.7	106	97	106	70-130	8	30	
BDMC (S)	%							98	92	98	70-130			

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 20070954  
Pace Project No.: 35564306

QC Batch: 650240 Analysis Method: EPA 547  
QC Batch Method: EPA 547 Analysis Description: 547 HPLC Glyphosate  
Associated Lab Samples: 35564306001 Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35564306001

METHOD BLANK: 3535368 Matrix: Water  
Associated Lab Samples: 35564306001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Glyphosate	ug/L	4.2 U	6.0		4.2	07/22/20 19:07

LABORATORY CONTROL SAMPLE: 3535369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Glyphosate	ug/L	50	51.3	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3535370

Parameter	Units	Result	Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Glyphosate	ug/L	ND	50	50	60.1	44.6	120	89	80-120	30	30	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3535372

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Glyphosate	ug/L	ND	50	50	43.8	43.4	88	87	80-120	1	30	

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**REPORT OF LABORATORY ANALYSIS**

### QUALITY CONTROL DATA

Project: 20070954  
Pace Project No.: 35564306

QC Batch: 651748  
QC Batch Method: EPA 508.1  
Associated Lab Samples: 35564306001

Analysis Method: EPA 508.1  
Analysis Description: 508 GCS Pest / PCB  
Laboratory: Pace Analytical Services - Ormond Beach

METHOD BLANK: 3543705  
Associated Lab Samples: 35564306001

Matrix: Water

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chlordane (Technical)	ug/L	0.047 U	0.20	0.047	07/29/20 21:06	
PCB-1016 (Aroclor 1016)	ug/L	0.080 U	0.10	0.080	07/29/20 21:06	
PCB-1221 (Aroclor 1221)	ug/L	0.029 U	0.10	0.029	07/29/20 21:06	
PCB-1232 (Aroclor 1232)	ug/L	0.029 U	0.10	0.029	07/29/20 21:06	
PCB-1242 (Aroclor 1242)	ug/L	0.051 U	0.10	0.051	07/29/20 21:06	
PCB-1248 (Aroclor 1248)	ug/L	0.062 U	0.10	0.062	07/29/20 21:06	
PCB-1254 (Aroclor 1254)	ug/L	0.023 U	0.10	0.023	07/29/20 21:06	
PCB-1260 (Aroclor 1260)	ug/L	0.066 U	0.10	0.066	07/29/20 21:06	
Toxaphene	ug/L	0.61 U	1.0	0.61	07/29/20 21:06	
Decachlorobiphenyl (S)	%	89	70-130			

LABORATORY CONTROL SAMPLE: 3543706

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Decachlorobiphenyl (S)	%			82	70-130	

LABORATORY CONTROL SAMPLE: 3543707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Decachlorobiphenyl (S)	%			83	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3543957

Parameter	Units	MS		MSD		MS		MSD		% Rec	RPD	Max RPD	Qual
		Result	Spike Conc.	Result	Spike Conc.	Result	% Rec	Result	% Rec				
Decachlorobiphenyl (S)	%	35564717001				169		167		70-130		40	J(S0)

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### REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 20070954  
Pace Project No.: 35564306

QC Batch: 650315 Analysis Method: EPA 515.3  
QC Batch Method: EPA 515.3 Analysis Description: 5153 GCS Herbicides  
Associated Lab Samples: 35564306001 Laboratory: Pace Analytical Services - Ormond Beach

METHOD BLANK: 3535606  
Associated Lab Samples: 35564306001

Parameter	Units	Blank		Reporting		MDL	Analyzed	Qualifiers
		Result	Limit	Result	Limit			
2,4,5-TP (Silvex)	ug/L	0.16 U	0.20	0.16	0.16		07/24/20 22:32	
2,4-D	ug/L	0.096 U	0.10	0.096	0.096		07/24/20 22:32	
Dalapon	ug/L	0.89 U	1.0	0.89	0.89		07/24/20 22:32	
Dicamba	ug/L	0.067 U	0.10	0.067	0.067		07/24/20 22:32	
Dinoseb	ug/L	0.16 U	0.20	0.16	0.16		07/24/20 22:32	
Pentachlorophenol	ug/L	0.030 U	0.040	0.030	0.030		07/24/20 22:32	
Picloram	ug/L	0.094 U	0.10	0.094	0.094		07/24/20 22:32	
2,4-DCAA (S)	%	89	70-130				07/24/20 22:32	

LABORATORY CONTROL SAMPLE: 3535607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-D	ug/L	0.4	0.29	72	70-130	
Dalapon	ug/L	4	3.7	92	70-130	
Dicamba	ug/L	0.4	0.36	91	70-130	
Dinoseb	ug/L	0.8	0.63	79	70-130	
Pentachlorophenol	ug/L	0.16	0.13	80	70-130	
Picloram	ug/L	0.4	0.42	105	70-130	
2,4-DCAA (S)	%			81	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3535608 3535609

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Spike Conc.	Result	Result						
2,4,5-TP (Silvex)	ug/L	0.8	0.8	0.63	0.62	78	78	70-130	0	40	
2,4-D	ug/L	0.4	0.4	0.32	0.32	81	79	70-130	2	40	
Dalapon	ug/L	4	4	3.8	3.8	95	95	70-130	1	40	
Dicamba	ug/L	0.4	0.4	0.35	0.33	87	81	70-130	7	40	
Dinoseb	ug/L	0.8	0.8	0.58	0.58	73	72	70-130	1	40	
Pentachlorophenol	ug/L	0.16	0.16	0.12	0.12	74	73	70-130	1	40	
Picloram	ug/L	0.4	0.4	0.45	0.41	111	103	70-130	7	40	
2,4-DCAA (S)	%					81	81	70-130			

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REPORT OF LABORATORY ANALYSIS

**QUALITY CONTROL DATA**

Project: 20070954  
Pace Project No.: 35564306

Parameter	Units	35563406001		3535610		3535611		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Result	Spike Conc.	Result	MSD Result						
2,4,5-TP (Silvex)	ug/L	<0.16	0.8	0.60	0.8	0.59	75	73	70-130	2	40		
2,4-D	ug/L	<0.096	0.4	0.26	0.4	0.26	65	65	70-130	0	40	J(M1)	
Dalapon	ug/L	<0.89	4	3.5	4	3.5	87	86	70-130	1	40		
Dicamba	ug/L	<0.067	0.4	0.34	0.4	0.33	86	82	70-130	4	40		
Dinoseb	ug/L	<0.16	0.8	0.58	0.8	0.56	72	70	70-130	3	40		
Pentachlorophenol	ug/L	<0.030	0.16	0.12	0.16	0.12	74	73	70-130	2	40		
Picloram	ug/L	<0.094	0.4	0.40	0.4	0.37	99	91	70-130	8	40		
2,4-DCAA (S)	%						75	73	70-130				

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 20070954  
Pace Project No.: 35564306

QC Batch: 650555  
QC Batch Method: EPA 548.1  
Associated Lab Samples: 35564306001

Analysis Method: EPA 548.1  
Analysis Description: 548 GCS Endothall  
Laboratory: Pace Analytical Services - Ormond Beach

METHOD BLANK: 3537194  
Associated Lab Samples: 35564306001

Matrix: Water

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Endothall	ug/L	3.3 U	9.0	3.3	07/24/20 04:48	

**LABORATORY CONTROL SAMPLE: 3537195**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endothall	ug/L	50	48.5	97	64-137	

**LABORATORY CONTROL SAMPLE: 3537196**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endothall	ug/L	9	8.5	94	50-150	

**MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3538129**

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD
		Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Endothall	ug/L	3.3 U	50	50	43.7	49.6	87	99	64-137	13	30	

**MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3538132**

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD
		Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Endothall	ug/L	3.3 U	50	50	50.9	45.0	102	90	64-137	12	30	

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**REPORT OF LABORATORY ANALYSIS**

**QUALITY CONTROL DATA**

Project: 20070954  
Pace Project No.: 35564306

QC Batch: 650557 Analysis Method: EPA 549.2  
QC Batch Method: EPA 549.2 Analysis Description: 549 HPLC Paraquat Diquat  
Associated Lab Samples: 35564306001 Laboratory: Pace Analytical Services - Ormond Beach

METHOD BLANK: 3537201 Matrix: Water  
Associated Lab Samples: 35564306001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diquat	ug/L	0.16 U	0.40	0.16	07/23/20 11:54	

LABORATORY CONTROL SAMPLE: 3537202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diquat	ug/L	2	0.16 U	0	70-130 J(L2)	

LABORATORY CONTROL SAMPLE: 3537203

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diquat	ug/L	0.4	0.37 I	92	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3537956

Parameter	Units	Result	MS		MSD		MS		MSD		Max RPD	Qual
			Spike Conc.	Conc.	Spike Conc.	Conc.	Result	% Rec	Result	% Rec		
Diquat	ug/L	117	2	2	129	127	123	34	70-130	1	30 J(M1), L	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3537958

Parameter	Units	Result	MS		MSD		MS		MSD		Max RPD	Qual
			Spike Conc.	Conc.	Spike Conc.	Conc.	Result	% Rec	Result	% Rec		
Diquat	ug/L	1.2	2	2	3.0	3.2	90	102	70-130	7	30	

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**REPORT OF LABORATORY ANALYSIS**

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## QUALIFIERS

Project: 20070954  
Pace Project No.: 35564306

## 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

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.  
J(L2) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.  
J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.  
J(S0) Estimated Value. Surrogate recovery outside laboratory control limits.  
L Off-scale high. Actual value is known to be greater than value given.

## REPORT OF LABORATORY ANALYSIS

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INTERLABORATORY SA LE TRANSMITTAL FORM

Date:	07/20/20
# of Samples:	1
Total # of Bottles:	11
Method of Shipment:	Hand Delivery
Subcontract Laboratory:	E83079 - Pace Analytical Service Inc, 8 East Tower Circle, Ormond Beach, FL 32175 Daniel Barrett, 1-800-966-5668
Page	1 of 1

**MO# : 35564306**



35564306

Benchmark Environmental, Inc.  
1711 12<sup>th</sup> Street East  
Palmetto, FL 34221  
(941) 723-9986  
(941) 723-6061 Fax  
www.Benchmarkkea.com

Laboratory #	Submission #	Collection		Sample Matrix*	Collection Method**	Preservative	Container		Parameters	Comments Sample verified to have no Chlorine at BEA
		Date	Time				Qty	Capacity		
20070954-1	07/16/20	0830	DW	Grab			2	40mL	Carabamates (531.2)	pH @ BEA = ~4.0
							2	1 L	Pesticides (508/608)	pH verified @ BEA
							1	250mL	Herbicides (515.3)	
							2	1 L	Semivolatiles (525.2) (Including Atrazine)	pH verified @ BEA
							2	40mL	Glyphosate (547)	
							1	500mL	Endothall (548.1)	
							1	1 L	Diquat (549.2)	pH verified @ BEA
									*Do NOT Dilute sample, Call Dale Dixon for OK first!	

Checked against COC & Method Requirements: Dale Dixon Lab. Director

\* Sample Matrix abbreviations: Groundwater (GW), Surface Water (SW), Saline Surface Water (SSW), Fresh Surface Water (FSW), Drinking Water (DW), Sludge (Slg), Solid (Sol), Soil (Soil), Domestic Effluent (Dom Eff), Industrial Effluent (Ind Eff).  
 \*\* Sample Method abbreviations: Grab (G), Composite (C), 24 Hour Composite (24HR Comp).  
 \*\*\* Container Type abbreviations: Plastic (P), Glass (G).

Retrieved By: Nathan Hadsell (Benchmark EA)	Print Name:	Sign Name:	Received By: Dawn Kougout	Print Name:	Sign Name:
Date: 7-20-20	Date: 7-20-20	Date: 7-20-20	Date: 7-20-20	Date: 7-20-20	Date: 7-20-20
Time: 10:30	Time: 12:42	Time: 0:8	Time: 12:42	Time: 12:42	Time: 12:42



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 # **W0#: 35564306**

Project Manager: **PM: VEG** Due Date: **08/05/20**

Client: **CLIENT: BENANA**

Date and Initials of person:

Examining contents: **not**

Label: **7/21/18**

Deliver: **↓**

PH: **DS**

Thermometer Used: **7203** Date: **7-20-20** Time: **1242** Initials: **DS**

State of Origin: **FL**  For WV projects, all containers verified to 56 °C

Cooler #1 Temp. °C: **01.5** (Visual) **TD.3** (Correction Factor) **0.8** (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

Billing:  Recipient  Sender  Third Party  Credit Card  Unknown

Tracking # \_\_\_\_\_ Custody Seal on Cooler/Box Present:  Yes  No **Seals Intact**  Yes  No **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 In tact	<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	<b>Time on Sample Range from 8:30 to 9:10</b>
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:
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	Preservative: _____
Exceptions: VOA, Coliform, TOC, O&G, Carbinates		Lot #/Trace #: _____
		Date: _____ Time: _____
		Initials: _____
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: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Person Contacted: \_\_\_\_\_

Comments/Resolution (use back for additional comments): **received Dioxin Bottles not marked on COC**



www.pacelabs.com

Pace Analytical Services, LLC.

1700 Elm Street

Minneapolis, MN 55414

Phone: 612.607.1700

Fax: 612.607.6444

**Report Prepared for:**

Bo Garcia  
PASI Florida  
8 East Tower Circle  
Ormond Beach FL 32174

**Report Information:**

Pace Project#: 10526868  
Sample Receipt Date: 07/31/2020  
Client Project#: 35564306 Benchmark An  
Client Sub PO #: N/A  
State Cert #: E87605

**REPORT OF  
LABORATORY  
ANALYSIS FOR  
2,3,7,8-TCDD**

**Report Summary:**

This report contains results of one drinking water sample analyzed to determine 2,3,7,8-TCDD content. This sample was analyzed according to Method 1613 by High Resolution Gas Chromatography/High Resolution Mass Spectrometry.

**Invoicing & Reporting Options:**

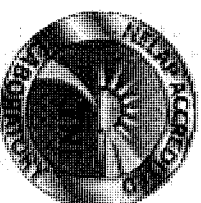
The report provided has been invoiced as a Level 2 Drinking Water Report. If an upgrade of this report package is requested, an additional charge may be applied.

Please review the attached invoice for accuracy and forward any questions to Kirsten Hogberg, your Pace Project Manager.

**This report has been reviewed by:**

August 05, 2020

Kirsten Hogberg, Project Manager  
(612) 607-6407  
(612) 607-6444 (fax)  
kirsten.hogberg@pacelabs.com



**Report of Laboratory Analysis**

This report should not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

The results relate only to the samples included in this report.

**Report Prepared Date:**

August 5, 2020

## Minnesota Laboratory Certifications

Authority	Certificate #	Authority	Certificate #
A2LA	2926.01	Mississippi	MN000064
Alabama	40770	Missouri	10100
Alaska-DW	MN000064	Montana	CERT0092
Alaska-UST	17-009	Nebraska	NE-OS-18-06
Arizona	AZ0014	Nevada	MN000064
Arkansas - WW	88-0680	New Hampshire	2081
Arkansas-DW	MN000064	New Jersey	MN002
California	2929	New York	11647
Colorado	MN000064	North Carolina-	27700
Connecticut	PH-0256	North Carolina-	530
Florida	E87605	North Dakota	R-036
Georgia	959	Ohio - VAP	CL101
Hawaii	MN000064	Ohio-DW	41244
Idaho	MN000064	Oklahoma	9507
Illinois	200011	Oregon- rimary	MN300001
Indiana	C-MN-01	Oregon-Second	MN200001
Iowa	368	Pennsylvania	68-00563
Kansas	E-10167	Puerto Rico	MN000064
Kentucky-DW	90062	South Carolina	74003
Kentucky-WW	90062	Tennessee	TN02818
Louisiana-DEQ	AI-84596	Texas	T104704192
Louisiana-DW	MN000064	Utah	MN000064
Maine	MN000064	Vermont	VT-027053137
Maryland	322	Virginia	460163
Massachusetts-	via MN 027-053	Washington	C486
Michigan	9909	West Virginia-D	382
Minnesota	027-053-137	West Virginia-D	9952C
Minnesota-Ag	via MN 027-053	Wisconsin	999407970
Minnesota-Petr	1240	Wyoming-UST	via A2LA 2926.

## REPORT OF LABORATORY ANALYSIS

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 without the written consent of Pace Analytical Services, Inc.

## Reporting Flags

- A = Reporting Limit based on signal to noise
- B = Less than 10x higher than method blank level
- C = Result obtained from confirmation analysis
- D = Result obtained from analysis of diluted sample
- E = Exceeds calibration range
- I = Interference present
- J = Estimated value
- L = Suppressive interference, analyte may be biased low
- Nh = Value obtained from additional analysis
- P = PCDE Interference
- R = Recovery outside target range
- S = Peak saturated
- U = Analyte not detected
- V = Result verified by confirmation analysis
- X = %D Exceeds limits
- Y = Calculated using average of daily RFs
- \* = See Discussion

### REPORT OF LABORATORY ANALYSIS

# Internal Transfer Chain of Custody



Samples Pre-Logged into eCOC.

State Of Origin: FL  
 Cert. Needed:  Yes  No  
 Owner Received Date: 7/20/2020

Results Requested By: 8/5/2020

Workorder: 35564306 Workorder Name: 20070954

Report No: 10526868-1613BW-DTR

Report To: Bo Garcia, Pace Analytical Ormond Beach, 8 East Tower Circle, Ormond Beach, FL 32174, Phone (386)672-5668

Subcontract To: Pace Analytical Minnesota, 1700 Elm Street SE, Suite 200, Minneapolis, MN 55414, Phone (612)607-1700

Requested Analysis: 2,3,7,8-TCDD (Dioxin)

WO#: 10526868

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers				2,3,7,8-TCDD (Dioxin)	LAB USE ONLY
						Unpreserved					
1	20070954-1	PS	7/16/2020 08:30	35564306001	Drinking	2				X	OC 1
2											
3											
4											
5											

Comments

Transfers	Released By	Date/Time	Received By	Date/Time
1	M P Pace	7/30/20 1600	FREDY	7/30/20 1600
2			M P Pace	7/30/20 845
3				7/31/20 KUH 7/31/2020

Cooler Temperature on Receipt 2.5 °C Custody Seal Y or  X Received on Ice  Y or N Samples Intact  Y or N

\*\*\*In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.  
 This chain of custody is considered complete as is since this information is available in the owner laboratory.



Document Name: **Sample Condition Upon Receipt (SCUR) - MN**  
 Document No.: **ENV-FRM-MIN4-0150 Rev.00**  
 Document Revised: **27Mar2020**  
 Page 1 of 1  
 Pace Analytical Services -  
 Minneapolis

Sample Condition  
Upon Receipt

Client Name:

*Pace FL*

Project #:

**W0# : 10526868**

PM: **KMH** Due Date: **08/05/20**  
 CLIENT: **PASI-FL**

Courier:  Fed Ex  UPS  USPS  Client  
 Pace  Speedee  Commercial See Exceptions

Tracking Number: *#11 39934679*

Custody Seal on Cooler/Box Present?  Yes  No Seals Intact?  Yes  No Biological Tissue Frozen?  Yes  No  N/A

Packing Material:  Bubble Wrap  Bubble Bags  None  Other: \_\_\_\_\_ Temp Blank?  Yes  No

Thermometer:  T1(0461)  T2(1336)  T3(0459) Type of Ice:  Wet  Blue  None  Dry  Melted

Did Samples Originate in West Virginia?  Yes  No Were All Container Temps Taken?  Yes  No  N/A

Temp should be above freezing to 6°C Cooler Temp Read w/Temp blank: \_\_\_\_\_ °C Average Corrected Temp \_\_\_\_\_ °C  
 (no temp blank only): *2.5 °C*  See Exceptions  1 Container

Correction Factor: *-0.1* Cooler Temp Corrected w/Temp blank: \_\_\_\_\_ °C

USDA Regulated Soil:  N/A, water sample/other: \_\_\_\_\_ Date/Initials of Person Examining Contents: *MKH 2/3/20*

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, HI, IA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)?  Yes  No  
 Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)?  Yes  No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

COMMENTS:

Chain of Custody Present and Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.	
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.	
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.	
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5.	<input type="checkbox"/> Fecal Coliform <input type="checkbox"/> HPC <input type="checkbox"/> Total Coliform/E coli <input type="checkbox"/> BOD/cBOD <input type="checkbox"/> Hex Chrome <input type="checkbox"/> Turbidity <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Orthophos <input type="checkbox"/> Other
Rush Turn Around Time Requested?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.	
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.	Is sediment visible in the dissolved container? <input type="checkbox"/> Yes <input type="checkbox"/> No See Exception <input type="checkbox"/>
Field Filtered Volume Received for Dissolved Tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	If no, write ID/Date/Time on Container Below: See Exception <input type="checkbox"/>
Is sufficient information available to reconcile the samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.	Sample #
Matrix: <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Other			
All containers needing acid/base preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		<input type="checkbox"/> NaOH <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PCFAS	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Positive for Res. Chlorine? <input type="checkbox"/> Yes <input type="checkbox"/> No Res. Chlorine 0-6 Roll pH Paper Lot# 0-6 Strip See Exception <input type="checkbox"/>
Extra labels present on soil VOA or WIDRO containers? Headspace in VOA Vials (greater than 6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.	
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.	
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Pace Trip Blank Lot # (if purchased):

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Field Data Required?  Yes  No

Comments/Resolution: \_\_\_\_\_

Project Manager Review:

Date: \_\_\_\_\_

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

Report No.....10526868\_1613DW\_DFR

Labeled by: *MKH* Page 5 of 7





**Drinking Water Analysis Results**  
**2,3,7,8-TCDD -- USEPA Method 1613B**

PaceAnalyticalServices,LLC.  
 1700ElmsStreet  
 Minneapolis,MN,55414

Tel:612-607-1700  
 Fax:612-607-6444

Sample ID.....20070954-1  
 Client.....PASI Florida  
 Lab Sample ID.... 35564306001

Date Collected....07/16/2020  
 Date Received.....07/31/2020  
 Date Extracted....08/01/2020

	Sample 20070954-1	Method Blank	Lab Spike	Lab Spike Dup
[2,3,7,8-TCDD]	0.39 U	0.44 U	--	--
EDL	0.39 pg/L	0.44 pg/L	--	--
2,3,7,8-TCDD Recovery	--	--	106%	100%
Spike Recovery Limit	--	--	73-146%	73-146%
RPD				5.7%

IS Recovery	62%	74%	72%	61%
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	77%	78%	79%	65%
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%

Filename	E200802A_07	E200802A_05	E200802A_03	E200802A_04
Analysis Date	08/02/2020	08/02/2020	08/02/2020	08/02/2020
Analysis Time	11:48	10:50	09:54	10:22
Analyst	JRH	JRH	JRH	JRH
Volume	0.888L	0.946L	1.001L	0.969L
Dilution	NA	NA	NA	NA
ICAL Date	03/31/2020	03/31/2020	03/31/2020	03/31/2020
CCAL Filename	E200802A_02	E200802A_02	E200802A_02	E200802A_02

- I = Outside the Control Limits
- ND = Not Detected
- EDL = Estimated Detection Limit
- Limits = Control Limits from Method 1613 (10/94 Revision), Tables 6A and 7A
- RPD = Relative Percent Difference of Lab Spike Recoveries
- IS = Internal Standard [2,3,7,8-TCDD-<sup>13</sup>C<sub>12</sub>]
- CS = Cleanup Standard [2,3,7,8-TCDD-<sup>37</sup>Cl<sub>4</sub>]

Analyst: *Jessica Hester*

## LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

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**STATE CERTIFICATION LIST**

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

\*NELAP/TNI Recognized Accreditation Bodies

## NELAC NARRATIVE PAGE

Client: Pace Analytical

Report #: 492366NP

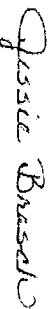
Eurofins Eaton Analytical, LLC is a NELAP accredited laboratory. All reported results meet the requirements of the NELAC standards, unless otherwise noted.

EEA contact person : Jessie Brasch

NELAP requires complete reporting of deviations from method requirements, regardless of the suspected impact on the data. Quality control failures not reported within the report summary are noted here.

There were no quality control failures.

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Analytical Services Manager

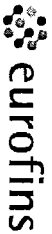
08/03/2020

Authorized Signature

Title

Date

Page 1 of 1



Eaton Analytical

110 South Hill Street  
South Bend, IN 46617  
Tel: (574) 233-4777  
Fax: (574) 233-8207  
1 800 332 4345

### Laboratory Report

Client: Pace Analytical  
Attn: Bo Garcia  
8 East Tower Circle  
Ormond Beach, FL 32174

Report: 492366  
Priority: Standard Written  
Status: Final  
PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4679907	35564306001/20070954-1	525.2	07/16/20 08:30	Client	07/22/20 09:15

#### Report Summary

Note: Sample containers were provided by the client.

Note: The sample submitted for Method 525.2 analysis was searched to the current MDL.

J=This is an estimated value greater than the current MDL and less than the current MRL.

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Jessie Brasch at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA. EEA is accredited by the National Environmental Laboratory Accreditation Program (NELAP).

*Jessie Brasch*

Analytical Services Manager

Authorized Signature

Title

Date

08/03/2020

Client Name: Pace Analytical  
Report #: 492366

Sampling Point: 355664306001/20070954-1

PWS ID: Not Supplied

Semi-Volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
15972-60-8	Alachlor	525.2	2 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
1912-24-9	Atrazine	525.2	3 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
50-32-8	Benz(a)pyrene	525.2	0.2 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
58-89-9	gamma-BHC (Lindane)	525.2	0.2 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
103-23-1	Di(2-ethylhexyl)adipate	525.2	400 *	0.6	< 0.6	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
117-81-7	Di(2-ethylhexyl)phthalate	525.2	6 *	0.6	< 0.6	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
72-20-8	Endrin	525.2	2 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
76-44-8	Hepachlor	525.2	0.4 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
1024-57-3	Hepachlor epoxide	525.2	0.2 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
118-74-1	Hexachlorobenzene	525.2	1 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
77-47-4	Hexachlorocyclopentadiene	525.2	50 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
72-43-5	Methoxychlor	525.2	40 *	0.03	< 0.03	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
122-34-9	Simazine	525.2	4 *	0.01	< 0.01	ug/L	07/28/20 08:13	07/29/20 04:38	4679907
Reg Limit Type:		MCL		SMCL		AL			
Symbol:		*		^		l			

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

If applicable, the calculation of the matrix spike (MS) or matrix spike duplicate (MSD) percent recovery is as follows: (MS or MSD value - Sample value) \* 100 / spike target / dilution factor = **Recovery %**

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.



# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab – please type or print legibly)

Lab Name: EEA Florida DOH Certification #: E87775 Certification Expiration Date: June 30, 2020

**ATTACH CURRENT DOH ANALYTE SHEET\***

Address: 110 South Hill Street, South Bend, IN 46617 Phone #: 574-233-4777

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): E87775

**ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\***

**ANALYSIS INFORMATION** (to be completed by lab) Date Sample(s) Received: 07/22/20

PWS ID (From Page 1): \_\_\_\_\_ Sample Number (From Page 1): 4679907 Lab Assigned Report # or Job ID: 492366

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<p><u>Inorganics</u></p> <input type="checkbox"/> All Except Asbestos <input type="checkbox"/> Partial <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Asbestos	<p><u>Synthetic Organics</u></p> <input type="checkbox"/> All 30 <input type="checkbox"/> All Except Dioxin <input checked="" type="checkbox"/> Partial <input type="checkbox"/> Dioxin Only	<p><u>Volatile Organics</u></p> <input type="checkbox"/> All 21 <input type="checkbox"/> Partial	<p><u>Disinfection Byproducts</u></p> <input type="checkbox"/> Trihalomethanes <input type="checkbox"/> Haloacetic Acids <input type="checkbox"/> Chlorite <input type="checkbox"/> Bromate	<p><u>Radionuclides</u></p> <input type="checkbox"/> Single Sample <input type="checkbox"/> Qtrly Composite**	<p><u>Secondaries</u></p> <input type="checkbox"/> All 14 <input type="checkbox"/> Partial
--	---	---	--	--	---

## LAB CERTIFICATION

I, Jessie Brasch, \_\_\_\_\_, do HEREBY CERTIFY  
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature: Jessie Brasch Analytical Services Manager Date: 08/03/2020

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.  
 \*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES  
 NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)**

**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH – attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

SYNTHETIC ORGANICS  
62-550.310(4)(b)

Report Number / Job ID: 492366

PWS ID (From Page 1):

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	RDL	Extraction Date	Analysis Date	Analysis Time	DOH Lab Certification #
2005	Endrin	2	ug/L	0.01	U	525.2	0.01	0.01	07/28/2020	07/29/2020	04:38	E87775
2010	Lindane	0.2	ug/L	0.01	U	525.2	0.01	0.02	07/28/2020	07/29/2020	04:38	E87775
2015	Methoxychlor	40	ug/L	0.03	U	525.2	0.03	0.1	07/28/2020	07/29/2020	04:38	E87775
2020	Toxaphene	3	ug/L					1				
2031	Dalapon	200	ug/L					1				
2032	Diquat	20	ug/L					0.4				
2033	Endothall	100	ug/L					9				
2034	Glyphosate	700	ug/L					6				
2035	Di(2-ethylhexyl)adipate	400	ug/L	0.6	U	525.2	0.6	0.6	07/28/2020	07/29/2020	04:38	E87775
2036	Oxamyl (Vydate)	200	ug/L					2				
2037	Simazine	4	ug/L	0.01	U	525.2	0.01	0.07	07/28/2020	07/29/2020	04:38	E87775
2039	Di(2-ethylhexyl)phthalate	6	ug/L	0.6	U	525.2	0.6	0.6	07/28/2020	07/29/2020	04:38	E87775
2040	Picloram	500	ug/L					0.1				
2041	Dinoseb	7	ug/L					0.2				
2042	Hexachlorocyclopentadiene	50	ug/L	0.01	U	525.2	0.01	0.1	07/28/2020	07/29/2020	04:38	E87775
2046	Carbofuran	40	ug/L					0.9				
2050	Atrazine	3	ug/L	0.01	U	525.2	0.01	0.1	07/28/2020	07/29/2020	04:38	E87775
2051	Alachlor	2	ug/L	0.01	U	525.2	0.01	0.2	07/28/2020	07/29/2020	04:38	E87775
2063	2,3,7,8-TCDD (Dioxin)	0.03	ng/L					0.005				
2065	Heptachlor	0.4	ug/L	0.01	U	525.2	0.01	0.04	07/28/2020	07/29/2020	04:38	E87775
2067	Heptachlor Epoxide	0.2	ug/L	0.01	U	525.2	0.01	0.02	07/28/2020	07/29/2020	04:38	E87775
2105	2,4-D	70	ug/L					0.1				
2110	2,4,5-TP (Silvex)	50	ug/L					0.2				
2274	Hexachlorobenzene	1	ug/L	0.01	U	525.2	0.01	0.1	07/28/2020	07/29/2020	04:38	E87775
2306	Benzo(a)pyrene	0.2	ug/L	0.01	U	525.2	0.01	0.02	07/28/2020	07/29/2020	04:38	E87775
2326	Pentachlorophenol	1	ug/L					0.04				
2383	Polychlorinated biphenyls (PCBs)	0.5	ug/L	0.26 **				0.1				
2931	Dibromochloropropane	0.2	ug/L					0.02				
2946	Ethylene Dibromide (EDB)	0.05	ug/L					0.01				
2959	Chlordane	2	ug/L					0.2				

**NOTE:** Results indicating non-detection with a reported lab MDL > 50% of the MCL will not be accepted for compliance.

\*\* Pattern Recognition Level: Aroclor 1016 0.08; Aroclor 1221 0.19; Aroclor 1232 0.23; Aroclor 1242 0.26; Aroclor 1248 0.1; Aroclor 1254 0.1; Aroclor 1260 0.1 (as decachlorobiphenyl). Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L).

Reporting Format 62-550.730  
Effective January 1995, Revised February 2010

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\*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, \*, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

# Florida Department of Environmental Protection

## Safe Drinking Water Program Laboratory Reporting Format

### DATA QUALIFIER CODES (From 62-160, Table 1)

The following qualifier codes shall be used by laboratories when reporting data values that either meet the specified descriptions outlined below or do not meet the quality control criteria of the laboratory. They are categorized on these 2 pages as Acceptable, Not Acceptable, or May Be Acceptable for compliance.

The following codes (B,D,E,I,K,L,M,U,V,I) ARE ACCEPTABLE for use with results submitted for compliance with 62-550 and 62-555.	
SYMBOL	MEANING
B	Results based upon colony counts outside the acceptable range. Applies to microbiological tests and specifically to membrane filter colony counts. It is to be used if the colony count is generated from a plate in which the total number of coliform colonies is outside the method indicated ideal range. This code is not to be used if a 100 mL sample has been filtered and the colony count is less than the lower value of the ideal range.
D	Measurement was made in the field (i.e., in situ). This code applies to any value (except field measurements of pH, specific conductance, dissolved oxygen, temperature, total residual chlorine, transparency, turbidity, or salinity) that was obtained under field conditions using approved analytical methods. If the parameter code specifies a field measurement (e.g., "Field pH"), this code is not required.
E	Indicates that extra samples were taken at composite stations.
I	The reported value is greater than or equal to the laboratory method detection limit but less than the laboratory practical quantitation limit.
K	Off-scale low. Actual value is known to be less than the value given. This code shall be used if the value is less than the lowest calibration standard and the calibration curve is known to be non-linear; or the value is known to be less than the reported value based on sample size, dilution. Shall not be used to report values that are less than the laboratory practical quantitation limit or laboratory method detection limit.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation exceeds the linear range or highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
M	When reporting chemical analyses: presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. This code shall be used if the level is too low to permit accurate quantification, but the estimated concentration is greater than or equal to the method detection limit. If the value is less than the method detection limit use "T" below.
U	Indicates that the compound was analyzed for but not detected. This symbol shall be used to indicate that the specified component was not detected. The value associated with the qualifier shall be the laboratory method detection limit. Unless requested by the client, less than the method detection limit values shall not be reported (see "T" below).
V	Indicates that the analyte was detected at or above the method detection limit 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. Note: unless specified by the method, the value in the blank shall not be subtracted from associated samples.
I	Data deviate from historically established concentration ranges.
The following codes (J,Q,R,Y) MAY OR MAY NOT BE ACCEPTABLE for use with results submitted for compliance with 62-550 and 62-555, depending on the parameter(s) and/or the circumstances. Results with these codes will be evaluated on a case by case basis.	
J	Estimated value. A "J" value shall be accompanied by a detailed explanation for designating the value as estimated. Where possible, the lab shall report whether the actual value is estimated to be less than or greater than the reported value. A "J" value shall not be used as a substitute for K, L, M, T, V, or Y, however, if additional reasons exist for identifying the value as an estimate (e.g., matrix spiked failed to meet acceptance criteria), the "J" code may be added to a K, L, M, T, V, or Y. Examples of situations in which a "J" code must be reported include: instances where a quality control item associated with the reported value failed to meet the established quality control criteria (the specific failure must be identified); instances when the sample matrix interfered with the ability to make any accurate determination; instances when data are questionable because of improper laboratory or field protocols (e.g., composite sample was collected instead of a grab sample); instances when the analyte was detected at or above the method detection limit in a blank other than the method blank (such as calibration blank or field-generated blanks and the value of 10 times the blank value was equal to or greater than the associated sample value); or instances when the field or laboratory calibrations or calibration verifications did not meet calibration acceptance criteria.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis.
R	Significant rain in the past 48 hours. (Significant rain typically involves rain in excess of 1/2 inch within the past 48 hours.) This code shall be used when the rainfall might contribute to a lower than normal value.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
The following codes (A,F,H,N,O,T,Z,?,*) are NOT ACCEPTABLE for use with results submitted for compliance with 62-550 and 62-555.	



**SOCs by 525:**

Benzo(a)pyrene

bis(2-Ethylhexyl)adipate

bis(2-Ethylhexyl)phthalate

Atrazine

Alachlor

Endrin

gamma-BHC (lindane)

Heptachlor

Heptachlor epoxide

Hexachlorobenzene

Hexachlorocyclopentadiene

Methoxychlor

Simazine

State: FL

Report to the MDL

Express Non-detects at MDL



eurofins

Eaton Analytical

### Eurofins Eaton Analytical Run Log

Run ID: **277708** Method: **525.2**

<u>Type</u>	<u>Sample Id</u>	<u>Sample Site</u>	<u>Matrix</u>	<u>Instrument ID</u>	<u>Analysis Date</u>	<u>Calibration File</u>
CCC	4683127		OS	DH	07/28/2020 18:50	525.2-DH-060720A.mth
LFB	4683119		RW	DH	07/28/2020 19:32	525.2-DH-060720A.mth
LMB	4683116		RW	DH	07/28/2020 22:20	525.2-DH-060720A.mth
FS	4679907	35564306001/20070954-1	DW	DH	07/29/2020 04:38	525.2-DH-060720A.mth
CCC	4683128		OS	DH	07/29/2020 06:44	525.2-DH-060720A.mth

## QC Summary Report

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCC	IS-Chrysene-d12	525.2	N/A	---		1591000	1591000	ug/L	100	50 - 150	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	IS-Phenanthrene-d10	525.2	N/A	---		1568000	1568000	ug/L	100	50 - 150	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	SS-Triphenylphosphate	525.2	N/A	---		5.4080	5.0	ug/L	108	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	IS-Acenaphthene-d10	525.2	N/A	---		1620000	1620000	ug/L	100	50 - 150	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	IS-p-Terphenyl-d14	525.2	N/A	---		1846000	1846000	ug/L	100	50 - 150	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	---		5.0500	5.0	ug/L	101	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	SS-Perylene-d12	525.2	N/A	---		4.8710	5.0	ug/L	97	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Alachlor	525.2	0.01	---		2.1030	2.0	ug/L	105	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Atrazine	525.2	0.01	---		2.1070	2.0	ug/L	105	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Benzo(a)pyrene	525.2	0.01	---		1.9040	2.0	ug/L	95	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	gamma-BHC (Lindane)	525.2	0.01	---		2.0900	2.0	ug/L	104	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Di(2-ethylhexyl)adipate	525.2	0.6	---		2.2410	2.0	ug/L	112	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Di(2-ethylhexyl)phthalate	525.2	0.6	---		2.2710	2.0	ug/L	114	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Endrin	525.2	0.01	---		2.0740	2.0	ug/L	104	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Heptachlor	525.2	0.01	---		2.0290	2.0	ug/L	101	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Heptachlor epoxide	525.2	0.01	---		2.0390	2.0	ug/L	102	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Hexachlorobenzene	525.2	0.01	---		2.1170	2.0	ug/L	106	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Hexachlorocyclopentadiene	525.2	0.01	---		1.9420	2.0	ug/L	97	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Methoxychlor	525.2	0.03	---		2.1060	2.0	ug/L	105	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
CCC	Simazine	525.2	0.01	---		2.0860	2.0	ug/L	104	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 18:50	4683127
LFB	IS-Chrysene-d12	525.2	N/A	---		1551000	1591000	ug/L	97	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	IS-Phenanthrene-d10	525.2	N/A	---		1548000	1568000	ug/L	99	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	SS-Triphenylphosphate	525.2	N/A	---		5.3980	5.0	ug/L	108	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	IS-Acenaphthene-d10	525.2	N/A	---		1608000	1620000	ug/L	99	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	IS-p-Terphenyl-d14	525.2	N/A	---		1915000	1846000	ug/L	104	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	---		4.9940	5.0	ug/L	100	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	SS-Perylene-d12	525.2	N/A	---		4.6500	5.0	ug/L	93	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Alachlor	525.2	0.01	---		2.1180	2.0	ug/L	106	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Atrazine	525.2	0.01	---		2.1170	2.0	ug/L	106	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Benzo(a)pyrene	525.2	0.01	---		1.8110	2.0	ug/L	91	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	gamma-BHC (Lindane)	525.2	0.01	---		2.0750	2.0	ug/L	104	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Di(2-ethylhexyl)adipate	525.2	0.6	---		2.2590	2.0	ug/L	113	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Di(2-ethylhexyl)phthalate	525.2	0.6	---		2.2720	2.0	ug/L	114	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Endrin	525.2	0.01	---		2.1920	2.0	ug/L	110	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Heptachlor	525.2	0.01	---		1.9510	2.0	ug/L	98	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Heptachlor epoxide	525.2	0.01	---		2.0280	2.0	ug/L	101	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Hexachlorobenzene	525.2	0.01	---		2.0040	2.0	ug/L	100	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Hexachlorocyclopentadiene	525.2	0.01	---		1.7690	2.0	ug/L	88	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Methoxychlor	525.2	0.03	---		2.1840	2.0	ug/L	109	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119
LFB	Simazine	525.2	0.01	---		2.0810	2.0	ug/L	104	70 - 130	---	---	1.0	07/28/2020 08:13	07/28/2020 19:32	4683119

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
LMB	IS-Chrysene-d12	525.2	N/A	---		1389000	1591000	ug/L	87	70 - 130	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	IS-Phenanthrene-d10	525.2	N/A	---		1347000	1568000	ug/L	86	70 - 130	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	SS-Triphenylphosphite	525.2	N/A	---		5.2840	5.0	ug/L	109	70 - 130	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	IS-Acenaphthene-d10	525.2	N/A	---		1427000	1620000	ug/L	88	70 - 130	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	IS-p-Terphenyl-d14	525.2	N/A	---		1763000	1846000	ug/L	96	70 - 130	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	---		4.9460	5.0	ug/L	102	70 - 130	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	SS-Perylene-d12	525.2	N/A	---		4.0650	5.0	ug/L	84	70 - 130	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Alachlor	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Alrazine	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Benzo(a)pyrene	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	gamma-BHC (Lindane)	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Di(2-ethylhexyl)adipate	525.2	0.6	---	<	0.6		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Di(2-ethylhexyl)phthalate	525.2	0.6	---	<	0.6		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Endrin	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Heptachlor	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Heptachlor epoxide	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Hexachlorobenzene	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Hexachlorocyclopentadiene	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Methoxychlor	525.2	0.03	---	<	0.03		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
LMB	Simazine	525.2	0.01	---	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/28/2020 22:20	4683116
FS	IS-Chrysene-d12	525.2	N/A	35564306001/20070954		1458000	1591000	ug/L	92	70 - 130	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	IS-Phenanthrene-d10	525.2	N/A	35564306001/20070954		1410000	1568000	ug/L	90	70 - 130	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	SS-Triphenylphosphite	525.2	N/A	35564306001/20070954		5.5190	5.0	ug/L	114	70 - 130	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	IS-Acenaphthene-d10	525.2	N/A	35564306001/20070954		1475000	1620000	ug/L	91	70 - 130	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	IS-p-Terphenyl-d14	525.2	N/A	35564306001/20070954		1858000	1846000	ug/L	101	70 - 130	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	35564306001/20070954		4.7480	5.0	ug/L	98	70 - 130	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	SS-Perylene-d12	525.2	N/A	35564306001/20070954		4.1610	5.0	ug/L	86	70 - 130	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Alachlor	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Alrazine	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Benzo(a)pyrene	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	gamma-BHC (Lindane)	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Di(2-ethylhexyl)adipate	525.2	0.6	35564306001/20070954	<	0.6		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Di(2-ethylhexyl)phthalate	525.2	0.6	35564306001/20070954	<	0.6		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Endrin	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Heptachlor	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Heptachlor epoxide	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Hexachlorobenzene	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Hexachlorocyclopentadiene	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Methoxychlor	525.2	0.03	35564306001/20070954	<	0.03		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	Simazine	525.2	0.01	35564306001/20070954	<	0.01		ug/L	---	---	---	---	0.97	07/28/2020 08:13	07/29/2020 04:38	4679907
FS	IS-Chrysene-d12	525.2	N/A	---		1479000	1479000	ug/L	100	50 - 150	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128

QC Summary Report (cont.)

Sample Type	Analyte	Method	MRL	Client ID	Result Flag	Amount	Target	Units	% Recovery	Recovery Limits	RPD	RPD Limit	Dil Factor	Extracted	Analyzed	EEA ID #
CCC	IS-Phenanthrene-d10	525.2	N/A	---		1470000	1470000	ug/L	100	50 - 150	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	SS-Triphenylphosphate	525.2	N/A	---		5.4760	5.0	ug/L	110	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	IS-Acenaphthene-d10	525.2	N/A	---		1547000	1547000	ug/L	100	50 - 150	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	IS-p-Terphenyl-d14	525.2	N/A	---		1717000	1717000	ug/L	100	50 - 150	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	SS-1,3-Dimethyl-2-nitrobenzene	525.2	N/A	---		5.1680	5.0	ug/L	103	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	SS-Perylene-d12	525.2	N/A	---		5.0070	5.0	ug/L	100	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Alachlor	525.2	0.01	---		2.1100	2.0	ug/L	106	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Atrazine	525.2	0.01	---		2.1260	2.0	ug/L	106	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Benzo(a)pyrene	525.2	0.01	---		1.9710	2.0	ug/L	99	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	gamma-BHC (Lindane)	525.2	0.01	---		2.1420	2.0	ug/L	107	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Di(2-ethylhexyl)adipate	525.2	0.6	---		2.2590	2.0	ug/L	113	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Di(2-ethylhexyl)phthalate	525.2	0.6	---		2.2880	2.0	ug/L	114	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Endrin	525.2	0.01	---		2.0420	2.0	ug/L	102	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Heptachlor	525.2	0.01	---		2.0210	2.0	ug/L	101	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Heptachlor epoxide	525.2	0.01	---		2.0150	2.0	ug/L	101	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Hexachlorobenzene	525.2	0.01	---		2.0970	2.0	ug/L	105	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Hexachlorocyclopentadiene	525.2	0.01	---		1.7730	2.0	ug/L	89	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Methoxychlor	525.2	0.03	---		1.9430	2.0	ug/L	97	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128
CCC	Simazine	525.2	0.01	---		2.0350	2.0	ug/L	102	70 - 130	---	---	1.0	07/28/2020 08:13	07/29/2020 06:44	4683128

## Sample Type Key

<u>Type (Abbr.)</u>	<u>Sample Type</u>	<u>Type (Abbr.)</u>	<u>Sample Type</u>
CCC	Continuing Calibration Check		
FS	Field Sample		
LFB	Laboratory Fortified Blank		
LMB	Laboratory Method Blank		

END OF REPORT

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12<sup>th</sup> Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): E83079

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB

**ANALYSIS INFORMATION** (to be completed by lab)

Date Sample(s) Received: 08/27/2020

PWS ID (From Page 1): 6412734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20081588-001

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<p><b>Inorganics</b></p> <input type="checkbox"/> All Except Asbestos <input type="checkbox"/> Partial <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Asbestos	<p><b>Synthetic Organics</b></p> <input type="checkbox"/> All 30 <input type="checkbox"/> All Except Dioxin <input checked="" type="checkbox"/> Partial <input type="checkbox"/> Dioxin Only	<p><b>Volatile Organics</b></p> <input type="checkbox"/> All 21 <input type="checkbox"/> Partial	<p><b>Disinfection Byproducts</b></p> <input type="checkbox"/> Trihalomethanes <input type="checkbox"/> Haloacetic Acids <input type="checkbox"/> Chlorite <input type="checkbox"/> Bromate	<p><b>Radionuclides</b></p> <input type="checkbox"/> Single Sample <input type="checkbox"/> Qtrly Composite**	<p><b>Secondaries Other</b></p> <input type="checkbox"/> All 14 <input type="checkbox"/> Partial
--	---	---	--	--	---

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY

(Print Name)

(Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature: 

Date: 9/8/20

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES**  
**NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH -- attach notes as necessary)

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

  
 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL ZIP Code: 34269  
 Phone #: 863-993-4565 Fax #: 863-993-4568 E-Mail Address: randerson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 7/16/20 Sample Time: 0830-0910 (AM/PM (Circle One))  
 Sample Location (be specific): Entry Point (Lab Tap) Location Code: \_\_\_\_\_  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.0 mg/L Field pH: 7.93

**Sample Type (Check Only One)**

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Replacement (of Invalidated Sample)
- Confirmation of MCL Exceedance\*
- Special (not for compliance with 62-550)
- Composite of Multiple Sites\*\*
- Clearance (permitting)
- Other: \_\_\_\_\_

Sampling Procedure Used or Other Comments:

SOC's

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY

that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 7/16/20

Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

SYNTHETIC ORGANICS  
62-550.310(4)(b)

Report Number / Job ID: 20081588-001 PWS ID (from Page 1): 6412734

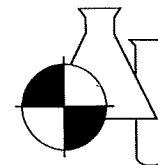
Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier *	Analytical Method	Lab MDL	RDL	Extraction Date	Analysis Date	Analysis Time	DOH Lab Certification #
2005	Endrin	2	µg/L					0.01				E
2010	Lindane	0.2	µg/L					0.02				E
2015	Methoxychlor	40	µg/L					0.1				E
2020	Toxaphene	3	µg/L					1				E
2031	Dalapon	200	µg/L					1				E
2032	Diquat	20	µg/L	0.16	U	549.2	0.16	0.4	09/02/20	09/03/20	09:34	E83079
2033	Endothall	100	µg/L					9				E
2034	Glyphosate	700	µg/L					6				E
2035	Di(2-ethylhexyl)adipate	400	µg/L					0.6				E
2036	Oxamyl (Vydate)	200	µg/L					2				E
2037	Simazine	4	µg/L					0.07				E
2039	Di(2-ethylhexyl)phthalate	6	µg/L					2.2				E
2040	Picloram	500	µg/L					0.1				E
2041	Dinoseb	7	µg/L					0.2				E
2042	Hexachlorocyclopentadinene	50	µg/L					0.1				E
2046	Carbofuran	40	µg/L					0.9				E
2050	Atrazine	3	µg/L					0.1				E
2051	Alachlor	2	µg/L					0.2				E
2063	2,3,7,8-TCDD (Dioxin)	0.03	ng/L					0.005				E
2065	Heptachlor	0.4	µg/L					0.04				E
2067	Heptachlor Epoxide	0.2	µg/L					0.02				E
2105	2,4-D	70	µg/L					0.1				E
2110	2,4,5-TP (Silvex)	50	µg/L					0.2				E
2274	Hexachlorobenzene	1	µg/L					0.1				E
2306	Benzo(a)pyrene	0.2	µg/L					0.02				E
2326	Pentachlorophenol	1	µg/L					0.04				E
2383	Polychlorinated biphenyls (PCBs)	0.5	µg/L					0.1				E
2931	Dibromochloropropane	0.2	µg/L					0.02				E
2946	Ethylene Dibromide (EDB)	0.02	µg/L					0.01				E
2959	Chlordane	2	µg/L					0.2				E

NOTE: Results indicating non-detection with a reported lab MDL >50% of the MCL will not be accepted for compliance.

\*Results must be reported with appropriate qualifiers in accordance with Florida Administrative Code Rule 62-160, Table 1. Results qualified with A, F, H, N, O, T, Z, ?, \*, are unacceptable for compliance with 62-550. Results qualified with a J, Q, R, or Y must be accompanied by written justification and will be evaluated on a case by case basis. To avoid a monitoring violation, unacceptable results must be replaced with acceptable results from samples collected during the same monitoring period.

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### SYNTHETIC ORGANICS

62-550.310 (4) (b)

REPORT NUMBER: 20081588 - 001  
SYSTEM NAME: Entry Point (Lab Tap)  
SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
2032	DIQUAT	20	UG/L	0.16	U	549.2	0.16	09/03/2020	09:34	E83079

#### DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL.  
J = Estimated value.  
J3 = Estimated value. Quality control criteria for precision or accuracy not met.  
J4 = Estimated value. Sample matrix interference suspected.  
Q = Sample held beyond accepted hold time.  
U = Analyte analyzed but not detected at the value indicated.  
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate, and Spike values are within control limits. Reported data are usable.  
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.

#### NOTES:

PQL = 4 x MDL.  
ND = Not Detected at or above adjusted reporting limit.  
MBAS calculated as LAS; molecular weight = 340.  
X = Value exceeds MCL.

For questions or comments regarding these results, please contact us at (941)723-9986.

*Results relate only to the samples.*

# Benchmark EnviroAnalytical, Inc.

1711 Twelfth Street East  
 Palmetto, FL. 34221  
 (941) 723-9986 / (941) 723-6061 fax

**Client: Peace River RWS**  
 8998 S. W. Country Rd  
 Arcadia, FL 34269  
 (863) 993-4565  
 (863) 993-4568 (Fax)

COC Form # 49

Sample Temperature checked upon receipt with Temperature Gun ID #RAYL000570277

Chain of Custody Form: SOC's

Project Name: Peace River Facility Compliance Monitoring – Semi-Annual (Jan., July) (2020, 2023)

Sample Matrix<sup>2</sup>: DW

Laboratory Submission #:

20081588

Sample ID	SOC's (Pesticides and PCB's)									Lab ID #
	Carabamates	Pesticides	EDB/DBCP	Herbicides	Semivolatiles	Glyphosate	Endothall	Diquat	Dioxin	
	531.2	508.1	504	515.3	525.2	547	548.1	549.2		
C <sub>2</sub> H <sub>5</sub> KO <sub>2</sub> NaThio pH = 3.3-4.3 □	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1:1 HCl* pH < 2 □	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1:1 HCl* pH < 2 □	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> ***	Plain	
2 x 40mL Amber Glass Vials	2 x 1 Liter Amber Glass	2 x 40mL Glass Vials	1 x 250mL Amber Glass	2 x 1 Liter Amber Glass	2 x 40mL Amber Glass Vials**	1 x 500mL Amber Glass	1 x 1 Liter Opaque Plastic	2 x 950mL Amber Glass		
Entry Point (Lab Tap)	Date & Time: 8/27/20 0830 . Retest									1

\*Fill bottle half full with sample, then add entire vial of HCl.  
 \*\*Fill all Vials Full, no head space, sample can not have any air bubbles.  
 \*\*\*Add Entire dropper of H<sub>2</sub>SO<sub>4</sub> to sample.

Chlorine residual at time of collection: 4.0      Temperature at time of collection: 30.0      Turbidity at time of collection: .10

### Non-Chlorinated

- "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), soil, sediment (SDMNT), or sludge (SLDG).
- "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

- Instructions:**
- Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
  - The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
  - All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
  - The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability: pH < 2 :   
 BEA Temperature: 1.2°C

1	Collected / Relinquished By: <i>John Ramsey</i>	Date: 8/27/20	Time: 1112	Received By: <i>Melinda Merchant</i>	Date: 8/27/20	Time: 1112
2	Relinquished By: <i>Melinda Merchant</i>	Date: 8/27/20	Time: 1125	Received By: <i>Buster Deen</i>	Date: 8/27/20	Time: 1125
3	Relinquished By: <i>Buster Deen</i>	Date: 8/27/20	Time: 1533	Received By: <i>Buster Deen</i>	Date: 8-27-20	Time: 1533
4	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

**INTERLABORATORY SAMPLE TRANSMITTAL FORM**

Benchmark EnviroAnalytical, Inc.  
 1711 12<sup>th</sup> Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 www.Benchmarkea.com

**WO# : 35574454**



Date:	09/01/20		
# of Samples:	1	Total # of Bottles:	1
Method of Shipment:	Hand Delivery		
Subcontract Laboratory:	E83079 - Pace Analytical Service Inc; 8 East Tower Circle; Ormond Beach, FL 32175 Daniel Barrett; 1-800-966-5668		
Page	1	of	1

Page 8 of 9

Laboratory Submission #	Collection		Sample Matrix*	Collection Method**	Preservative	Container			Parameters	Comments Sample verified to have no Chlorine at BEA
	Date	Time				Qty	Capacity	Type***		
20081657-1 <i>NH 588</i>	08/27/20	0830	DW	Grab	NaThio 1:4 H <sub>2</sub> SO <sub>4</sub> pH<2	1	1 L	P	Diquat (549.2)	pH verified @ BEA Resample for 20070954
									*Do NOT Dilute sample, Call Dale Dixon for OK first!	

Checked against COC & Method Requirements: \_\_\_\_\_ Dale Dixon Lab. Director

\* Sample Matrix abbreviations: Groundwater (GW), Surface Water (SW), Saline Surface Water (SSW), Fresh Surface Water (FSW), Drinking Water (DW), Sludge (Slg), Solid (Sol), Soil (Soil), Domestic Effluent (Dom Eff), Industrial Effluent (Ind Eff).  
 \*\* Sample Method abbreviations: Grab (G), Composite (C), 24 Hour Composite (24HR Comp.).  
 \*\*\* Container Type abbreviations: Plastic (P), Glass (G).

Relinquished By: (Benchmark)	Sign Name:	<i>NH</i>	Date:	9-1-20	Received By:	<i>MCPACE</i>	Date:	9-1-20
	Print Name:	Nathan Hadsell (Benchmark EA)	Time:				Time:	11:39
Relinquished By:	Sign Name:	<i>MCPACE</i>	Date:	9-1-20	Received By:	<i>amp</i>	Date:	9-1-20
	Print Name:		Time:	1640		<i>The3</i>	Time:	1640

**QUALITY CONTROL DATA**

Project: 20081588  
Pace Project No.: 35574454

QC Batch: 662542 Analysis Method: EPA 549.2  
QC Batch Method: EPA 549.2 Analysis Description: 549 HPLC Paraquat Diquat  
Associated Lab Samples: 35574454001 Laboratory: Pace Analytical Services - Ormond Beach

METHOD BLANK: 3602379 Matrix: Water  
Associated Lab Samples: 35574454001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diquat	ug/L	0.16 U	0.40	0.16	09/03/20 09:10	

LABORATORY CONTROL SAMPLE: 3602380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diquat	ug/L	2	1.9	96	70-130	

LABORATORY CONTROL SAMPLE: 3602381

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diquat	ug/L	0.4	0.39 I	96	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3602382

Parameter	MS		MSD		MS		MSD		MS		MSD		Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	Result	Result	% Rec	% Rec	% Rec	% Rec		
Diquat	ug/L	<0.00016 mg/L	2	2	2.0	2.0	2.0	2.0	100	102	70-130	2	30	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3602384

Parameter	MS		MSD		MS		MSD		MS		MSD		Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	Result	Result	% Rec	% Rec	% Rec	% Rec		
Diquat	ug/L	0.16 U	2	2	2.0	2.0	2.0	2.0	99	99	70-130	1	30	

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**

## QUALIFIERS

Project: 20081588  
Pace Project No.: 35574454

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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 NELAP Institute.

### 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.

## REPORT OF LABORATORY ANALYSIS

Date: 09/04/2020 01:44 PM

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

Page 7 of 9



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E83079-79, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E83079** EPA Lab Code: **FL01264** (386) 672-5668

**E83079**  
**Pace Analytical Services, LLC - Ormond Beach FL**  
**8 East Tower Circle**  
**Ormond Beach, FL 32174**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Dichloroacetic acid	EPA 552.3	Group I Unregulated Contaminants	NELAP	7/1/2016
Dichlorodifluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	1/8/2002
Dichloromethane (DCM, Methylene chloride)	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
Dichloroprop (Dichlorprop)	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2004
Dieldrin	EPA 508.1	Group I Unregulated Contaminants	NELAP	1/8/2002
Dieldrin	EPA 525.2	Group I Unregulated Contaminants	NELAP	1/8/2002
Dieldrin	EPA 525.3	Group I Unregulated Contaminants	NELAP	4/14/2020
Diethyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Dimethyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Di-n-butyl phthalate	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	5/11/2004
Diquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	1/8/2002
Dissolved organic carbon (DOC)	SM 5310 B	Primary Inorganic Contaminants	NELAP	1/3/2012
Endothall	EPA 548.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Endrin	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Endrin	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Escherichia coli	COLISURE	Microbiology	NELAP	11/1/2011
Escherichia coli	SM 9223 B	Microbiology	NELAP	11/1/2011
Ethylbenzene	EPA 524.2	Other Regulated Contaminants	NELAP	1/8/2002
Fluorene	EPA 525.2	Group III Unregulated Contaminants	NELAP	1/8/2002
Fluoride	EPA 300.0	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	1/8/2002
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
gamma-BHC (Lindane, gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
gamma-Chlordane	EPA 525.3	Group I Unregulated Contaminants	NELAP	4/14/2020
Glyphosate	EPA 547	Synthetic Organic Contaminants	NELAP	1/8/2002
Hardness	SM 2340 B	Secondary Inorganic Contaminants	NELAP	8/14/2006
Hardness (calc.)	EPA 200.7	Secondary Inorganic Contaminants	NELAP	8/14/2006
Heptachlor	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Heptachlor	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Heptachlor epoxide	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Heptachlor epoxide	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020
Heterotrophic plate count	SIMPLATE	Microbiology	NELAP	3/15/2013
Hexachlorobenzene	EPA 508.1	Synthetic Organic Contaminants	NELAP	1/8/2002
Hexachlorobenzene	EPA 525.3	Synthetic Organic Contaminants	NELAP	4/14/2020

**Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.**

**Issue Date: 7/1/2020**

**Expiration Date: 6/30/2021**



# PEACE RIVER/MANASOTA REGIONAL WATER SUPPLY AUTHORITY

## MEMORANDUM

August 28 2020

TO: Peace River Regional Water Supply PWS 6142734

THRU: Richard Anderson

FROM: Mike Chell

SUBJECT: Lead and Copper analysis results Quarter 3 2020

Peace River Manasota Regional Water Supply Authority appreciates your participation in the Lead and Copper tap water monitoring program. Below are the Lead and Copper levels reported for the Drinking water located at 8998 SW county road 769.

Drinking Water analysis for Lead and Copper:

Location	Contaminant	Sample Collection Date	Your Results	EPA Action Level (AL) <sup>†</sup>	EPA Maximum Contaminant Level Goal (MCLG) <sup>††</sup>
Lab sink	Lead	8/19/2020	<b>.00067mg/l</b>	0.015 mg/l	0 mg/l
Lab sink	Copper	8/19/2020	<b>.013 mg/l</b>	1.3 mg/l	0 mg/l
Men's Room	Lead	8/19/2020	<b>.00067mg/l</b>	0.015 mg/l	0 mg/l
Men's Room	Copper	8/19/2020	<b>.010 mg/l</b>	1.3 mg/l	0 mg/l
Hall Closet	Lead	8/19/2020	<b>.00067mg/l</b>	0.015 mg/l	0 mg/l
Hall Closet	Copper	8/19/2020	<b>.010 mg/l</b>	1.3 mg/l	0 mg/l
Ladies Room	Lead	8/19/2020	<b>.001 mg/l</b>	0.015 mg/l	0 mg/l
Ladies Room	Copper	8/19/2020	<b>.024 mg/l</b>	1.3 mg/l	0 mg/l
Upstairs Bathroom	Lead	8/19/2020	<b>.007 mg/l</b>	0.015 mg/l	0 mg/l
Upstairs Bathroom	Copper	8/19/2020	<b>.198 mg/l</b>	1.3 mg/l	0 mg/l

Your results, as well as the 90th percentile value for our water system, is **below** the lead action level of **.015 Milligrams per liter** and **below** the Copper action level of **1.3 Milligrams per liter**

### **What Does This Mean?**

Under the authority of the Safe Drinking Water Act, the U.S. Environmental Protection Agency (EPA) set the action level for lead in drinking water at 15 ppb. This means utilities must ensure that water from the customer's tap does not exceed this level in at least 90 percent of the homes sampled (90th percentile value). The action level is *the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow*. If water from the tap does exceed this limit, then the utility must take certain steps to correct the problem. Because lead may pose serious health risks, the EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. The MCLG is *the level of a contaminant in drinking water below which there is no known or expected risk to health*. MCLGs allow for a margin of safety.

### **What Are The Health Effects of Lead?**

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

### **What Are The Sources of Lead?**

The primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated residential soil. Lead is found in some toys, some playground equipment, some children's metal jewelry, and some traditional pottery. Exposure to lead is a significant health concern, especially for young children and infants whose growing bodies tend to absorb more lead than the average adult. Although your drinking water lead levels were below the action level, if you are concerned about lead exposure, parents should ask their health care providers about testing children for high levels of lead in the blood.

### **What Can I Do To Reduce Exposure to Lead in Drinking Water?**

Although your test results were below EPA's action level, you may still want to take steps to further reduce your exposure.

Run your water to flush out lead. If water hasn't been used for several hours, run water for 15-30 seconds to flush lead from interior plumbing or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.

- Use cold water for cooking and preparing baby formula.
- Do not boil water to remove lead.
- Look for alternative sources or treatment of water (such as bottled water or water filters).
- Re-test your water for lead periodically.
- Identify and replace plumbing fixtures containing lead.

### **For More Information**

Call us at 863-993-4565. For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at [www.epa.gov/lead](http://www.epa.gov/lead), call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.





**Qualifier Explanation:**

U = Analyte analyzed but not detected at the value indicated.

I = Reported value is between the laboratory MDL and the PQL.

**Benchmark EnviroAnalytical, Inc.**  
 1711 12<sup>th</sup> Street East  
 Palmetto, FL 34221  
 Phone:(941) 723-9986 Fax: (941) 723-6061

**Client Name: Peace River/Manasota R W S**  
 8998 SW County Road 769  
 Arcadia, FL 34269  
 Phone: (863) 993-4565; Fax: (863) 993-4568

Type of System (circle one): Groundwater  
 Chain of Custody Form: Pb & Cu

~~Surface Water~~

Combination Ground/Surface (applies to source and service line samples only)

Drinking Water

**Project Name: Peace River Facility Compliance Monitoring – Annual (July 2014, July 2017)**

System Contact: Richard Anderson  
 System Phone: 863-993-4565  
 PWS ID#: 6142734  
 One liter sample ± 100 mL (Circle one):  Yes / No

Sampler's Signature: John Ramsey  
 Date: 8/19/2020  
 First draw after six hour set time (Circle one):  Yes / No

**Submission #** 200561160

Population >100:  yes  No

Sample# (For Laboratory Use Only)	Tap Location Code or Station #	Pb & Cu Sample	
		Sample Date	Sample Time
		Lab Preserved in 1:4 HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	
		Laboratory Temperature: _____ °C	
1	Upstairs Bathroom	8/19/2020	1400
2	Hall Closet	8/19/2020	1405
3	Ladies Room	8/19/2020	1410
4	Mens Room	8/19/2020	1415
5	Lab Sink	8/19/2020	1420

CERTIFICATION. The tap samples used for lead and copper analyses were submitted by the above PWS. Each sample container had one liter of solution (±100mL). All samples were taken properly by the above system and analyzed in accordance with the requirements in Chapter 10D-41, F.A.C. The sampling dates were reported for each sample received. I hereby certify that all data submitted are correct.

SIGNATURE OF AUTHORIZED LABORATORY REPRESENTATIVE: \_\_\_\_\_

NAME (Please Print): \_\_\_\_\_

TITLE and DATE: \_\_\_\_\_

1	Relinquished By: <u>John Ramsey</u>	Date: <u>8/20/20</u>	Time: <u>1019</u>	2	Received By: <u>Melinda Marchant</u>	Date: <u>8/20/20</u>	Time: <u>1019</u>
3	Relinquished By: <u>Melinda Marchant</u>	Date: <u>8/20/20</u>	Time: <u>1145</u>	4	Received By: <u>Bret Deen</u>	Date: <u>8/20/20</u>	Time: <u>1145</u>
5	Relinquished By: <u>Bret Deen</u>	Date: <u>8/20/20</u>	Time: <u>1403</u>	6	Received For Lab By: <u>Thomas...</u>	Date: <u>8/20/20</u>	Time: <u>1403</u>

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manassah Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

  
 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity

Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL

Phone #: 863-993-4565 Fax #: 863-993-4568 ZIP Code: 34269

**SAMPLE INFORMATION** (to be completed by sampler)  
 Sample Number: \_\_\_\_\_ E-Mail Address: randerson@regionalwater.org

Sample Location (be specific): Upstairs Bathroom Sample Date: 8/19/2020 Sample Time: 1400 AM  PM (Circle One)  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): \_\_\_\_\_ mg/L Field pH: \_\_\_\_\_ Location Code: \_\_\_\_\_

- Reason(s) for Sample (Check all that apply)
- Routine Compliance with 62-550
  - Confirmation of MCL Exceedance
  - Composite of Multiple Sites\*\*
  - Other: \_\_\_\_\_
  - Replacement (of Invalidated Sample)
  - Special (not for compliance with 62-550)
  - Clearance (permitting)
- Reason(s) for Sample (Check only One)
- Distribution
  - Entry Point (to Distribution)
  - Plant Tap (not for compliance with 62-550)
  - Raw (at well or intake)
  - Max Residence Time
  - Ave Residence Time
  - Near First Customer

Sampling Procedure Used or Other Comments: Pb, Cu

I, John Ramsey (Print Name) Ops. Specialist (Print Title), do HEREBY CERTIFY

that the above public water system and sample collection information is complete and correct.  
 Signature: John Ramsey Date: 8/19/2020

Certified Operator #: 4668 Phone #: 863-993-4565  
 Sampler's E-mail: jr Ramsey@regionalwater.org Sampler's Fax #: 863-993-4568

\*\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances. \*\*See 62-550.550(4) for requirements and attach a results page for each site.

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler -- please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
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 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL

Phone #: 863-993-4565 Fax #: 863-993-4568 ZIP Code: 34269

**SAMPLE INFORMATION** (to be completed by sampler)  
 Sample Number: \_\_\_\_\_ E-Mail Address: randerson@regionalwater.org  
 Sample Location (be specific): Hall closet Sample Date: 8/19/2020 Sample Time: 1405 AM  PM (Circle One)  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): \_\_\_\_\_ mg/L Field pH: \_\_\_\_\_ Location Code: \_\_\_\_\_

- Sample Type (Check Only One)**
- Distribution
  - Entry Point (to Distribution)
  - Plant Tap (not for compliance with 62-550)
  - Raw (at well or intake)
  - Max Residence Time
  - Ave Residence Time
  - Near First Customer
- Reason(s) for Sample (Check all that apply)**
- Routine Compliance with 62-550
  - Confirmation of MCL Exceedance\*
  - Composite of Multiple Sites\*\*
  - Other: \_\_\_\_\_
  - Replacement (of Invalidated Sample)
  - Special (not for compliance with 62-550)
  - Clearance (permitting)
- Sampling Procedure Used or Other Comments: Pb,Cu

\*See 62-550.500(6) for requirements and restrictions.  
 And 62-550.512(3) for nitrate or nitrite exceedances.  
 \*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name) Ops. Specialist (Print Title), do HEREBY CERTIFY that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 8/19/2020  
 Certified Operator #: 4668 Phone #: 863-993-4565  
 Sampler's E-mail: jramsey@regionalwater.org Sampler's Fax #: 863-993-4568

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
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 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia, FL ZIP Code: 34269

Phone #: 863-993-4565 Fax #: 863-993-4568 E-Mail Address: randerson@regionalwater.org  
**SAMPLE INFORMATION** (to be completed by sampler)  
 Sample Number: \_\_\_\_\_ Sample Date: 8/19/2020 Sample Time: 1410 AM PM (Circle One)  
 Sample Location (be specific): Ladies Room Location Code: \_\_\_\_\_  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): \_\_\_\_\_ mg/L Field pH: \_\_\_\_\_

Sample Type (Check Only One)  
 Distribution  
 Entry Point (to Distribution)  
 Plant Tap (not for compliance with 62-550)  
 Raw (at well or intake)  
 Max Residence Time  
 Ave Residence Time  
 Near First Customer

Reason(s) for Sample (Check all that apply)  
 Routine Compliance with 62-550  
 Confirmation of MCL Exceedance\*  
 Composite of Multiple Sites\*\*  
 Other: \_\_\_\_\_  
 Replacement (of Invalidated Sample)  
 Special (not for compliance with 62-550)  
 Clearance (permitting)

Sampling Procedure Used or Other Comments: Pb, Cu

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.  
 \*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name) Ops. Specialist, do HEREBY CERTIFY that the above public water system and sample collection information is complete and correct.  
 Signature: John Ramsey Date: 8/19/2020  
 Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568  
 Sampler's E-mail: jr Ramsey@regionalwater.org

# Florida Department of Environmental Protection

## Safe Drinking Water Program Laboratory Reporting Format

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasseta Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

  
 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL ZIP Code: 34269

**SAMPLE INFORMATION** (to be completed by sampler)  
 Sample Number: \_\_\_\_\_  
 Sample Location (be specific): Mens Room Sample Date: 8/19/2020 Sample Time: 1415 AM PM (Circle One)  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): \_\_\_\_\_ mg/L Field pH: \_\_\_\_\_  
 Location Code: \_\_\_\_\_  
 E-Mail Address: condes@regionalwater.org

**Sample Type (Check Only One)**  
 Distribution  
 Entry Point (to Distribution)  
 Plant Tap (not for compliance with 62-550)  
 Raw (at well or intake)  
 Max Residence Time  
 Ave Residence Time  
 Near First Customer

**Reason(s) for Sample (Check all that apply)**  
 Routine Compliance with 62-550  
 Confirmation of MCL Exceedance\*  
 Composite of Multiple Sites\*\*  
 Other: \_\_\_\_\_  
 Replacement (of Invalidated Sample)  
 Special (not for compliance with 62-550)  
 Clearance (permitting)

Sampling Procedure Used or Other Comments: Pb, Cu

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 \*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name) Dps. Specialist, do HEREBY CERTIFY that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 8/19/2020  
 Certified Operator #: 4668 Phone #: 863-993-4565  
 Sampler's E-mail: jr Ramsey@regionalwater.org Sampler's Fax #: 863-993-4568

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manassah Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

  
 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL

Phone #: 863-993-4565 Fax #: 863-993-4568 ZIP Code: 34269  
 E-Mail Address: conderson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)  
 Sample Number: \_\_\_\_\_  
 Sample Location (be specific): Lab Sink Sample Date: 8/19/2020 Sample Time: 1420 AM  PM (Circle One)  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): \_\_\_\_\_ mg/L Field pH: \_\_\_\_\_ Location Code: \_\_\_\_\_

Sample Type (Check Only One)  
 Distribution  
 Entry Point (to Distribution)  
 Plant Tap (not for compliance with 62-550)  
 Raw (at well or intake)  
 Max Residence Time  
 Ave Residence Time  
 Near First Customer  
 Reason(s) for Sample (Check all that apply)  
 Routine Compliance with 62-550  
 Confirmation of MCL Exceedance\*  
 Composite of Multiple Sites\*\*  
 Other: \_\_\_\_\_  
 Replacement (of Invalidated Sample)  
 Special (not for compliance with 62-550)  
 Clearance (permitting)

Sampling Procedure Used or Other Comments: Pb, Cu

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.  
 \*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name) Ops Specialist (Print Title), do HEREBY CERTIFY  
 that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 8/19/2020

Certified Operator #: 4668 Phone #: 863-993-4565  
 Sampler's E-mail: jr Ramsey@regionalwater.org Sampler's Fax #: 863-993-4568



**Laboratory Scope of Accreditation**

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167      EPA Lab Code: FL00289      (941) 723-9986

**E84167**  
**Benchmark EnviroAnalytical, Inc.**  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	7/31/2007
Conductivity	SM 2510 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Copper	EPA 200.7	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	5/25/2004
Corrosivity (langlier index)	SM 2330 B	Secondary Inorganic Contaminants	NELAP	3/7/2011
Cyanide	EPA 335.4	Primary Inorganic Contaminants	NELAP	3/7/2011
Dibromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Dibromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Dichloromethane (DCM, Methylene chloride)	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Dissolved organic carbon (DOC)	SM 5310 B	Primary Inorganic Contaminants	NELAP	11/21/2008
Escherichia coli	SM 9223 B	Microbiology	NELAP	1/3/2002
Escherichia coli	SM 9223 B /QUANTI-TRAY	Microbiology	NELAP	3/7/2011
Ethylbenzene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Fluoride	EPA 300.0	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	5/25/2004
Hardness	SM 2340 B	Secondary Inorganic Contaminants	NELAP	3/7/2011
Heterotrophic plate count	SIMPLATE	Microbiology	NELAP	7/1/2016
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	5/25/2004
Hydrogen sulfide, un-ionized (calculation)	SM 4500S= H (21st ed.)	Primary Inorganic Contaminants	NELAP	3/7/2011
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Lead	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Magnesium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	1/3/2002
Molybdenum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/7/2011
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Nitrate	EPA 353.2	Primary Inorganic Contaminants	NELAP	1/3/2002
Nitrate as N	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Nitrite as N	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Nitrite as N	EPA 353.2	Primary Inorganic Contaminants	NELAP	5/25/2004
Odor	EPA 140.1	Secondary Inorganic Contaminants	NELAP	1/3/2002
Orthophosphate as P	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/7/2011
pH	SM 4500-H+-B	Secondary Inorganic Contaminants	NELAP	7/31/2007
Potassium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021



# PWS CERTIFICATION OF NOTIFICATION OF LEAD AND COPPER TAP SAMPLE RESULTS

INSTRUCTIONS: This form shall be completed and submitted by community or non-transient non-community water systems that take lead and copper tap samples in accordance with 40 CFR 141.86 (2009). Such systems shall, no later than 30 days after receiving each individual sample, provide notice of the individual tap results to the persons served by the water system at the specific sampling site(s) from which the sample(s) were taken, as required by 40 CFR 141.85(d) (2009). NO LATER THAN THREE MONTHS FOLLOWING THE END OF THE MONITORING, such systems shall also mail a sample copy of the consumers notification of tap results with this form, completed, to the appropriate Department of Environmental Protection District Office or Approved County Health Department. For systems that are on a reduced lead and copper monitoring period, the end of the lead and copper monitoring period is September 30<sup>th</sup> of the calendar year in which the sampling occurred. All information provided on this form shall be typed or printed in ink.

I. General Information		
Public Water System (PWS) Name: Peace River Manasota Regional water supply Authority		
PWS Identification Number: 6142734	PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community	
PWS Size: <input type="checkbox"/> Small <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Large		
PWS Owner: Peace River Manasota Regional Water Supply Authority		
Contact Person: Michael P. Chell	Contact Person's Title: Operations Supervisor	
Contact Person's Mailing Address: 8998 SW cty. rd. 769		
City: Arcadia	State: FL	Zip Code: 34269
Contact Person's Telephone Number: 863-993-4565	Contact Person's Fax Number: 863-993-4568	
Contact Person's E-Mail Address: mchell@regionalwater.org		
Date of the end of the Lead and Copper Monitoring Period: September 30 2020		

## II. Certification\*

### A. Certification by a Community Water System (CWS)

The CWS identified in Part I of this form had one or more lead and copper tap sample results for lead or for copper during the following monitoring period: Third Quarter of 2020

I am duly authorized to sign this form on behalf of the CWS. I certify that, no later than 30 days after the CWS received each individual lead and copper tap sample result during this monitoring period, the CWS notified each customer by mail, as required by 40 CFR 141.85(d) of the sample result.

<u>Michael P. Chell</u> 8-28-2020	Michael P. Chell	Operations Supervisor
Signature and Date	Printed or Typed Name	Title

### B. Certification by a Non-Transient Non-Community Water System (or a Community Water System Serving a Facility Where the Population Served Is Prevented from Making Plumbing Improvements and Is Not Separately Charged for Water Consumption)

The PWS identified in Part I of this form had one or more lead and copper tap sample results for lead or for copper during the following monitoring period: \_\_\_\_\_

I am duly authorized to sign this form on behalf of the PWS. I certify that, no later than 30 days after the PWS received each individual lead and copper tap sample result during this monitoring period, the PWS provided notice to consumers at sample taps tested, as required by 40 CFR 141.85(d). If the system posted the sample results in a public place or common area in the building(s) where the samples were taken, then check the box below.

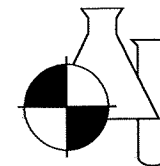
The PWS posted the sample results in a public place or common area in the building(s) where the samples were taken, as required by 40 CFR 141.85(d).

_____	_____	_____
Signature and Date	Printed or Typed Name	Title

\* A community water system (CWS) shall complete the certification in Part II.A of this form unless the CWS is serving a facility (such as a prison or hospital) where the population served is prevented from making plumbing improvements and is not separately charged for water consumption, in which case the CWS may use the certification in Part II.B of this form. A non-transient non-community water system shall complete the certification in Part II.B of this form.

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### INORGANIC ANALYSIS

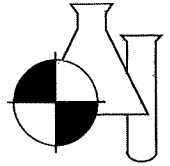
62-550.310 (1)

REPORT NUMBER: 20070072 - 001  
SYSTEM NAME: Facility Lab Tap (Finish Water)  
SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
1005	ARSENIC	0.010	MG/L	0.001	I	SM3113B	0.00069	07/07/2020	12:30	E84167
1052	SODIUM	160	MG/L	39.5		200.7	0.034	07/02/2020	14:41	E84167

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### INORGANIC ANALYSIS

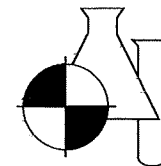
62-550.310 (1)

REPORT NUMBER: 20070072 - 002  
SYSTEM NAME: Facility Influent (Raw)  
SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
1005	ARSENIC	0.010	MG/L	0.002	I	SM3113B	0.00069	07/07/2020	12:36	E84167
1052	SODIUM	160	MG/L	19.3		200.7	0.034	07/02/2020	14:43	E84167

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269  
Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### RADIONUCLIDES

62-550.310 (6)

REPORT NUMBER: 20070072 - 003  
SYSTEM NAME: Entry Point (Lab Tap)  
SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
4002	GROSS ALPHA (INCL URANIUM)	15	PCI/L	0.9+/-0.6	U	900.0	0.9	07/17/2020	09:55	E83033
4020	RADIUM-226	5	PCI/L	0.2+/-0.1		903.1	0.2	07/20/2020	09:49	E83033
4030	RADIUM-228	5	PCI/L	0.8+/-0.5	U	Ra-05	0.8	07/20/2020	10:49	E83033

#### DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL.  
J = Estimated value.  
J3 = Estimated value. Quality control criteria for precision or accuracy not met.  
J4 = Estimated value. Sample matrix interference suspected.  
Q = Sample held beyond accepted hold time.  
U = Analyte analyzed but not detected at the value indicated.  
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate, and Spike values are within control limits. Reported data are usable.  
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.

#### NOTES:

PQL = 4 x MDL.  
ND = Not Detected at or above adjusted reporting limit.  
MBAS calculated as LAS; molecular weight = 340.  
X = Value exceeds MCL.

For questions or comments regarding these results, please contact us at (941)723-9986.

Results relate only to the samples.

**Benchmark EnviroAnalytical, Inc.**

1711 Twelfth Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 www.benchmarkea.com

**Client: Peace River/ Manasota RWS**

8998 SW County Road 769  
 Arcadia, FL 34269  
 (863) 993-4565  
 (863) 993-4568 (Fax)

COC # 62

Chain of Custody Form: Peace River Monthly Finish, Raw  
 Project Name: Peace River Facility Monthly Quality Control  
 Method of discharge<sup>2</sup>: DW Sample Type<sup>1</sup>: Grab PWS #: 614-2734

Laboratory Submission #:	2007007J
--------------------------	----------

Station ID	As (SM3113B) Na (200.7)		Gross Alpha Total Uranium* Radium 226 & 228		Laboratory Sample #
	1:4 HNO <sub>3</sub> pH<2		1:4 HNO <sub>3</sub> pH<2		
	1 x 1/2 Pint Plastic		2 x 2 Quart Plastic		
Facility Lab Tap (Finish Water)	Date/Time: 7/1/20	0820			1
Facility Influent (Raw)	Date/Time: 7/1/20	0815			2
Entry Point (Lab Tap)			Date/Time: 7/1/20	0825	3

\* Run Total Uranium only if the Gross Alpha is ≥15 pCi/L.

- "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), soil, sediment (SDMNT), or sludge (SLDG).
- "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

- Instructions:**
- Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
  - The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
  - All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
  - The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability: pH < 2 ✓  
 BEA Temperature: 1.9°C

1	Collected / Relinquished By: John Ramsey	Date: 7/1/20	Time: 1148	Received By: Melinda Muchant	Date: 7/1/20	Time: 1148
2	Relinquished By: Melinda Muchant	Date: 7/1/20	Time: 12:00	Received By: Tom Scurry	Date: 7/1/20	Time: 12:00
3	Relinquished By: Tom Scurry	Date: 7/1/20	Time: 1435	Received By: A J L	Date: 7-1-20	Time: 1435
4	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

## INTERLABORATORY SAMPLE TRANSMITTAL FORM

Benchmark EnviroAnalytical, Inc.  
 1711 12<sup>th</sup> Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 WWW.Benchmark.com  
 Office QC Check: \_\_\_\_\_  
 Bottle Check: \_\_\_\_\_

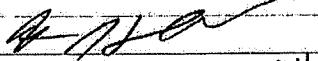

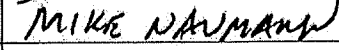
Date:	07/02/20		
# of Samples:	1	Total # of Bottles:	2
Method of Shipment:	Hand Delivery		
Subcontract Laboratory:	Florida Radiochemistry 5456 Hoffner Ave. #201 Orlando, Fl. 32812 Phone: 407-382-7733 Fax: 407-382-7744		
Page	1	of	1

### 10 BUSINESS DAY T.A.T. PLEASE

Laboratory Submission #	Collection		Sample Matrix*	Collection Method**	Preservative	Container			Parameters	Conductivity** (µmhos)
	Date	Time				Qty	Capacity	Type***		
20070072-003	07/01/20	0825	DW	Grab	1:4 HNO <sub>3</sub>	2	2 Qt.	P	GROSS ALPHA, RADIUM 226/228 TOTAL URANIUM**	

\*\* Run Total Uranium only if Gross Alpha is greater than 15 pCi/L.

\* Sample Matrix abbreviations: Groundwater (GW), Surface Water (SW), Saline Surface Water (SSW), Fresh Surface Water (FSW), Drinking Water (DW), Sludge (Slg), Solid (Sol), Soil (Soil), Domestic Effluent (Dom Eff), Industrial Effluent (Ind Eff).  
 \*\* Sample Method abbreviations: Grab (G), Composite (C), 24 Hour Composite (24HR Comp.).  
 \*\*\* Container Type abbreviations: Plastic (P), Glass (G).

Relinquished By: (Benchmark)	Sign Name:		Date:		Received By:		Date:	7/2/20
	Print Name:	Kara McGowan Nathan Hadsell	Time:			Time:	7/2/20 11:25	
Relinquished By:	Sign Name:		Date:		Received By:		Date:	
	Print Name:		Time:				Time:	

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

## LABORATORY CERTIFICATION INFORMATION (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): \_\_\_\_\_

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 07/01/20

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20070072-001

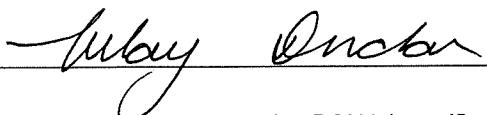
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<u>Inorganics</u>	<u>Synthetic Organics</u>	<u>Volatile Organics</u>	<u>Disinfection Byproducts</u>	<u>Radionuclides</u>	<u>Secondaries</u>
<input type="checkbox"/> All Except Asbestos	<input type="checkbox"/> All 30	<input type="checkbox"/> All 21	<input type="checkbox"/> Trihalomethanes	<input type="checkbox"/> Single Sample	<input type="checkbox"/> All 14
<input checked="" type="checkbox"/> Partial	<input type="checkbox"/> All Except Dioxin	<input type="checkbox"/> Partial	<input type="checkbox"/> Haloacetic Acids	<input type="checkbox"/> Qtrly Composite**	<input type="checkbox"/> Partial
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Partial		<input type="checkbox"/> Chlorite		
<input type="checkbox"/> Nitrite	<input type="checkbox"/> Dioxin Only		<input type="checkbox"/> Bromate		
<input type="checkbox"/> Asbestos					

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 7/22/20

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES**  
**NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

## COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

**Florida Department of Environmental Protection  
Safe Drinking Water Program Laboratory Reporting Format**

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): \_\_\_\_\_

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

**ANALYSIS INFORMATION** (to be completed by lab) Date Sample(s) Received: 07/01/20

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20070072-002

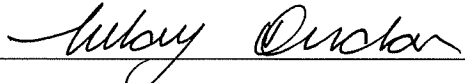
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<u>Inorganics</u>	<u>Synthetic Organics</u>	<u>Volatile Organics</u>	<u>Disinfection Byproducts</u>	<u>Radionuclides</u>	<u>Secondaries</u>
<input type="checkbox"/> All Except Asbestos	<input type="checkbox"/> All 30	<input type="checkbox"/> All 21	<input type="checkbox"/> Trihalomethanes	<input type="checkbox"/> Single Sample	<input type="checkbox"/> All 14
<input checked="" type="checkbox"/> Partial	<input type="checkbox"/> All Except Dioxin	<input type="checkbox"/> Partial	<input type="checkbox"/> Haloacetic Acids	<input type="checkbox"/> Qtrly Composite**	<input type="checkbox"/> Partial
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Partial		<input type="checkbox"/> Chlorite		
<input type="checkbox"/> Nitrite	<input type="checkbox"/> Dioxin Only		<input type="checkbox"/> Bromate		
<input type="checkbox"/> Asbestos					

**LAB CERTIFICATION**

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 7/22/20

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\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES  
NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

**Florida Department of Environmental Protection  
Safe Drinking Water Program Laboratory Reporting Format**

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab -- please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): E83033

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

**ANALYSIS INFORMATION** (to be completed by lab) Date Sample(s) Received: 07/01/20

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20070072-003

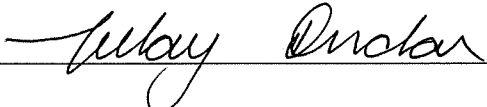
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- |  |  |                                  |   |   |                                  |
|--|--|----------------------------------|---|---|----------------------------------|
| <u>Inorganics</u>                            | <u>Synthetic Organics</u>                  | <u>Volatile Organics</u>         | <u>Disinfection Byproducts</u>            | <u>Radionuclides</u>                              | <u>Secondaries</u>               |
| <input type="checkbox"/> All Except Asbestos | <input type="checkbox"/> All 30            | <input type="checkbox"/> All 21  | <input type="checkbox"/> Trihalomethanes  | <input checked="" type="checkbox"/> Single Sample | <input type="checkbox"/> All 14  |
| <input type="checkbox"/> Partial             | <input type="checkbox"/> All Except Dioxin | <input type="checkbox"/> Partial | <input type="checkbox"/> Haloacetic Acids | <input type="checkbox"/> Qtrly Composite**        | <input type="checkbox"/> Partial |
| <input type="checkbox"/> Nitrate             | <input type="checkbox"/> Partial           |                                  | <input type="checkbox"/> Chlorite         |   |                                  |
| <input type="checkbox"/> Nitrite             | <input type="checkbox"/> Dioxin Only       |                                  | <input type="checkbox"/> Bromate          |   |                                  |
| <input type="checkbox"/> Asbestos            |  |                                  |   |   |                                  |

**LAB CERTIFICATION**

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(Print Name) (Print Title)

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**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity

Address: 8998 S.W. County Rd. 769

City: Arcadia FL

Phone #: 863-993-4565 Fax #: 863-993-4568 ZIP Code: 34269

E-Mail Address: randsen@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_

Sample Location (be specific): Facility Lab Tap (Finish Water) Sample Date: 7/1/20 Sample Time: 0820  AM  PM (Circle One)

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.2 mg/L Location Code: \_\_\_\_\_

Field pH: 8.33

**Sample Type (Check Only One)**

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments: \_\_\_\_\_

As, Na

\*See 62-550.500(6) for requirements and restrictions.  
 And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY that the above public water system and sample collection information is complete and correct.

Signature: [Signature] Date: 7/1/20

Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

  
 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL.  
 Phone #: 863-993-4565 Fax #: 863-993-4568 ZIP Code: 34269

E-Mail Address: randerson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 7/1/20 Sample Time: 0815  AM  PM (Circle One)  
 Sample Location (be specific): Facility Influent (Raw) Location Code: \_\_\_\_\_  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 0 mg/L Field pH: 7.51  
 Sample Type (Check Only One)

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

- Reason(s) for Sample (Check all that apply)
- Routine Compliance with 62-550
  - Confirmation of MCL Exceedance\*
  - Composite of Multiple Sites\*\*
  - Other: \_\_\_\_\_
  - Replacement (of Invalidated Sample)
  - Special (not for compliance with 62-550)
  - Clearance (permitting)

Sampling Procedure Used or Other Comments:

As, Na

\*See 62-550.500(6) for requirements and restrictions.  
 And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and  
 attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY  
 that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 7/1/20  
 Certified Operator #: 4668 Phone #: 863-993-4565  
 Sampler's E-mail: \_\_\_\_\_ Sampler's Fax #: 863-993-4568

Reporting Form DWL 150-100  
 The above form is 2010 version February 2010

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply

System Type (check one):  Community

Nontrensient Noncommunity

PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

Transient Noncommunity

Address: 8998 S.W. County Rd. 769

City: Arcadia FL

Phone #: 863-993-4565 Fax #: 863-993-4568

ZIP Code: 34269

E-Mail Address: canderson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_

Sample Date: 7/1/20

Sample Time: 0825  AM  PM (Circle One)

Sample Location (be specific): Entry Point (Lab Tap)

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.2 mg/L

Location Code: \_\_\_\_\_

Field pH: 8.33

**Sample Type (Check Only One)**

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments:

Gross Alpha Radium 226+228

\*See 62-550.500(6) for requirements and restrictions.  
 And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and  
 attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey  
 (Print Name)

Ops. Specialist  
 (Print Title)

that the above public water system and sample collection information is complete and correct.

do HEREBY CERTIFY

Signature: John Ramsey

Date: 7/1/20

Certified Operator #: 4668 Phone #: 863-993-4565

Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167

EPA Lab Code: FL00289

(941) 723-9986

E84167  
Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,2,4-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/20/2009
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/20/2009
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Alkalinity as CaCO3	SM 2320 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Ammonia as N	EPA 350.1	Primary Inorganic Contaminants	NELAP	3/7/2011
Antimony	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Arsenic	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Beryllium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Boron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/7/2011
Bromate	EPA 300.1	Primary Inorganic Contaminants	NELAP	11/21/2008
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Bromodichloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Bromoform	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Chlorate	EPA 300.1	Secondary Inorganic Contaminants	NELAP	11/21/2008
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	5/25/2004
Chlorine	SM 4500-Cl G	Primary Inorganic Contaminants	NELAP	3/7/2011
Chlorite	EPA 300.1	Primary Inorganic Contaminants	NELAP	11/21/2008
Chloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Chloroform	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167      EPA Lab Code: FL00289      (941) 723-9986

E84167  
Benchmark Environmental Analytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Selenium	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Silica as SiO2	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/23/2004
Silver	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/23/2004
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/23/2004
Styrene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Sulfate	EPA 300.0	Primary Inorganic Contaminants; Secondary Inorganic Contaminants	NELAP	5/23/2004
Sulfide	SM 4500-S D/UV-VIS	Primary Inorganic Contaminants	NELAP	3/7/2011
Surfactants - MBAS	SM 5540 C	Secondary Inorganic Contaminants	NELAP	1/3/2002
Tetrachloroethylene (Perchloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Thallium	EPA 200.9	Primary Inorganic Contaminants	NELAP	1/3/2002
Toluene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Total coliforms	SM 9223 B	Microbiology	NELAP	1/3/2002
Total coliforms	SM 9223 B /QUANT-TRAY	Microbiology	NELAP	3/7/2011
Total dissolved solids	SM 2540 C	Secondary Inorganic Contaminants	NELAP	7/31/2007
Total haloacetic acids (HAA5)	EPA 552.2	Synthetic Organic Contaminants	NELAP	4/20/2009
Total nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/23/2004
Total nitrate-nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	1/3/2002
Total organic carbon	SM 5310 B	Primary Inorganic Contaminants	NELAP	5/23/2004
Total organic carbon	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Total trihalomethanes	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
trans-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2010
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	9/28/2005
Trichloroethene (Trichloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	3/7/2011
UV 254	SM 5910 B	Primary Inorganic Contaminants	NELAP	11/16/2016
Vanadium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/7/2011
Vinyl chloride	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Xylene (total)	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Zinc	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/23/2004

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021

Ron DeSantis  
Governor



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E83033-16, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E83033      EPA Lab Code: FL01113      (407) 382-7733

E83033  
Florida Radiochemistry Services, Inc.  
5456 Hoffner Rd, Suite 201  
Orlando, FL 32812

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Gross-alpha	EPA 900.0	Radiochemistry	NELAP	6/28/2001
Gross-beta	EPA 900.0	Radiochemistry	NELAP	6/28/2001
Radium-226	EPA 903.0	Radiochemistry	NELAP	12/15/2003
Radium-226	EPA 903.1	Radiochemistry	NELAP	6/29/2001
Radium-228	EPA Ra-05	Radiochemistry	NELAP	6/28/2001
Uranium	EPA 908.0	Radiochemistry	NELAP	6/28/2001

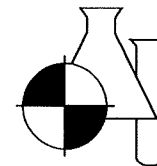
Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### INORGANIC ANALYSIS

62-550.310 (1)

REPORT NUMBER: 20080146 - 001

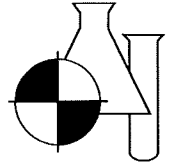
SYSTEM NAME: Facility Lab Tap (Finish Water)

SYSTEM ID: 614-2734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
1005	ARSENIC	0.010	MG/L	0.00069	U	SM3113B	0.00069	08/06/2020	14:44	E84167
1052	SODIUM	160	MG/L	31.6		200.7	0.034	08/05/2020	14:29	E84167

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269  
Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### INORGANIC ANALYSIS

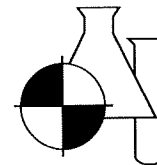
62-550.310 (1)

REPORT NUMBER: 20080146 - 002  
SYSTEM NAME: Facility Influent (Raw)  
SYSTEM ID: 614-2734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
1005	ARSENIC	0.010	MG/L	0.001	I	SM3113B	0.00069	08/06/2020	14:51	E84167
1052	SODIUM	160	MG/L	15.0		200.7	0.034	08/05/2020	14:33	E84167

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269  
Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### RADIONUCLIDES

62-550.310 (6)

REPORT NUMBER: 20080146 - 003  
SYSTEM NAME: Entry Point (Lab Tap)  
SYSTEM ID: 614-2734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
4002	GROSS ALPHA (INCL URANIUM)	15	PCI/L	0.8+/-0.5	U	900.0	0.8	08/14/2020	09:44	E83033
4020	RADIUM-226	5	PCI/L	0.3+/-0.2		903.1	0.3	08/20/2020	09:46	E83033
4030	RADIUM-228	5	PCI/L	1.0+/-0.7	U	Ra-05	1.0	08/20/2020	09:47	E83033

#### DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL.  
J = Estimated value.  
J3 = Estimated value. Quality control criteria for precision or accuracy not met.  
J4 = Estimated value. Sample matrix interference suspected.  
Q = Sample held beyond accepted hold time.  
U = Analyte analyzed but not detected at the value indicated.  
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate, and Spike values are within control limits. Reported data are usable.  
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.

#### NOTES:

PQL = 4 x MDL.  
ND = Not Detected at or above adjusted reporting limit.  
MBAS calculated as LAS; molecular weight = 340.  
X = Value exceeds MCL.

For questions or comments regarding these results, please contact us at (941)723-9986.

Results relate only to the samples.

**Benchmark EnviroAnalytical, Inc.**

1711 Twelfth Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 www.benchmarkea.com

**Client: Peace River/ Manasota RWS**  
 8998 SW County Road 769  
 Arcadia, FL 34269  
 (863) 993-4565  
 (863) 993-4568 (Fax)

COC # 62

Chain of Custody Form: Peace River Monthly Finish, Raw  
 Project Name: Peace River Facility Monthly Quality Control  
 Method of discharge<sup>2</sup>: DW Sample Type<sup>1</sup>: Grab PWS #: 614-2734

Laboratory Submission #:	20080146
--------------------------	----------

Station ID	As (SM3113B) Na (200.7)		Gross Alpha Total Uranium* Radium 226 & 228		Laboratory Sample #
	1:4 HNO <sub>3</sub> pH<2 <input checked="" type="checkbox"/>		1:4 HNO <sub>3</sub> pH<2 <input checked="" type="checkbox"/>		
	1 x 1/2 Pint Plastic		2 x 2 Quart Plastic		
Facility Lab Tap (Finish Water)	Date/Time: 8/4/20	0840			1
Facility Influent (Raw)	Date/Time: 8/4/20	0850			2
Entry Point (Lab Tap)			Date/Time: 8/4/20	0845	3

\* Run Total Uranium only if the Gross Alpha is ≥15 pCi/L.

- "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), soil, sediment (SDMNT), or sludge (SLDG).
- "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

- Instructions:**
- Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
  - The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
  - All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
  - The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability: pH < 2 :   
 BEA Temperature: 4.1°C

	Collected / Relinquished By:	Date:	Time:	Received By:	Date:	Time:
1	John Ramsey	8/4/20	1217	[Signature]	8/4/20	1217
2	[Signature]	8/4/20	1221	[Signature]	8/4/20	1221
3	[Signature]	8-4-20	1440	[Signature]	8-4-20	1440
4	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

## INTERLABORATORY SAMPLE TRANSMITTAL FORM

Benchmark EnviroAnalytical, Inc.  
 1711 12<sup>th</sup> Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 WWW.Benchmark.com  
 Office QC Check: \_\_\_\_\_  
 Bottle Check: \_\_\_\_\_

Date:	08/05/20		
# of Samples:	1	Total # of Bottles:	2
Method of Shipment:	Hand Delivery		
Subcontract Laboratory:	Florida Radiochemistry 5456 Hoffner Ave. #201 Orlando, FL 32812 Phone: 407-382-7733 Fax: 407-382-7744		
Page:	1	of	1

### 10 BUSINESS DAY T.A.T. PLEASE

Laboratory Submission #	Collection		Sample Matrix*	Collection Method**	Preservative	Container			Parameters	Conductivity** (µmhos)
	Date	Time				Qty	Capacity	Type***		
20080146-1	08/04/20	0845	DW	Grab	1:4 HNO <sub>3</sub>	2	2 Qt.	P	GROSS ALPHA, RADIUM 226/228 TOTAL URANIUM**	

\*\* Run Total Uranium only if Gross Alpha is greater than 15 pCi/L.

\* Sample Matrix abbreviations: Groundwater (GW), Surface Water (SW), Saline Surface Water (SSW), Fresh Surface Water (FSW), Drinking Water (DW), Sludge (Slg), Solid (Sol), Soil (Soil), Domestic Effluent (Dom Eff), Industrial Effluent (Ind Eff).

\*\* Sample Method abbreviations: Grab (G), Composite (C), 24 Hour Composite (24HR Comp).

\*\*\* Container Type abbreviations: Plastic (P), Glass (G).

Relinquished By: (Benchmark)	Sign Name:	<i>NH</i>	Date:	8-5-20	Received By:	<i>Mick Norman</i>	Date:	8/11/20
	Print Name:	Nathan Hadsell	Time:			<i>Mick Norman</i>	Time:	11:30
Relinquished By:	Sign Name:		Date:		Received By:		Date:	
	Print Name:		Time:				Time:	

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

## LABORATORY CERTIFICATION INFORMATION (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): \_\_\_\_\_

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

## ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 08/04/20

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20080146-001

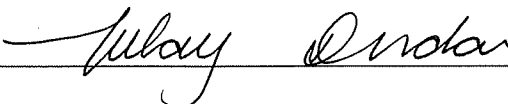
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- |  |  |                                  |   |  |                                  |
|--|--|----------------------------------|---|--|----------------------------------|
| <u>Inorganics</u>                            | <u>Synthetic Organics</u>                  | <u>Volatile Organics</u>         | <u>Disinfection Byproducts</u>            | <u>Radionuclides</u>                       | <u>Secondaries</u>               |
| <input type="checkbox"/> All Except Asbestos | <input type="checkbox"/> All 30            | <input type="checkbox"/> All 21  | <input type="checkbox"/> Trihalomethanes  | <input type="checkbox"/> Single Sample     | <input type="checkbox"/> All 14  |
| <input checked="" type="checkbox"/> Partial  | <input type="checkbox"/> All Except Dioxin | <input type="checkbox"/> Partial | <input type="checkbox"/> Haloacetic Acids | <input type="checkbox"/> Qtrly Composite** | <input type="checkbox"/> Partial |
| <input type="checkbox"/> Nitrate             | <input type="checkbox"/> Partial           |                                  | <input type="checkbox"/> Chlorite         |  |                                  |
| <input type="checkbox"/> Nitrite             | <input type="checkbox"/> Dioxin Only       |                                  | <input type="checkbox"/> Bromate          |  |                                  |
| <input type="checkbox"/> Asbestos            |  |                                  |   |  |                                  |

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tannisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 8/21/20

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES**  
**NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

## COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

## LABORATORY CERTIFICATION INFORMATION (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): \_\_\_\_\_

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 08/04/20

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20080146-002

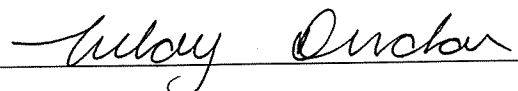
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

<u>Inorganics</u>	<u>Synthetic Organics</u>	<u>Volatile Organics</u>	<u>Disinfection Byproducts</u>	<u>Radionuclides</u>	<u>Secondaries</u>
<input type="checkbox"/> All Except Asbestos	<input type="checkbox"/> All 30	<input type="checkbox"/> All 21	<input type="checkbox"/> Trihalomethanes	<input type="checkbox"/> Single Sample	<input type="checkbox"/> All 14
<input checked="" type="checkbox"/> Partial	<input type="checkbox"/> All Except Dioxin	<input type="checkbox"/> Partial	<input type="checkbox"/> Haloacetic Acids	<input type="checkbox"/> Qtrly Composite**	<input type="checkbox"/> Partial
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Partial		<input type="checkbox"/> Chlorite		
<input type="checkbox"/> Nitrite	<input type="checkbox"/> Dioxin Only		<input type="checkbox"/> Bromate		
<input type="checkbox"/> Asbestos					

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 8/21/20

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.  
\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES**  
**NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

## COMPLIANCE DETERMINATION (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): E83033

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

**ANALYSIS INFORMATION** (to be completed by lab) Date Sample(s) Received: 08/02/20

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20080146-003

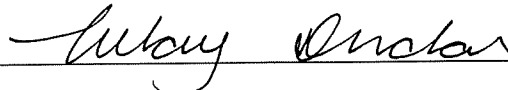
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- |  |  |   |  |   |   |
|--|--|---|--|---|---|
| <p><u>Inorganics</u></p> <input type="checkbox"/> All Except Asbestos<br><input type="checkbox"/> Partial<br><input type="checkbox"/> Nitrate<br><input type="checkbox"/> Nitrite<br><input type="checkbox"/> Asbestos | <p><u>Synthetic Organics</u></p> <input type="checkbox"/> All 30<br><input type="checkbox"/> All Except Dioxin<br><input type="checkbox"/> Partial<br><input type="checkbox"/> Dioxin Only | <p><u>Volatile Organics</u></p> <input type="checkbox"/> All 21<br><input type="checkbox"/> Partial | <p><u>Disinfection Byproducts</u></p> <input type="checkbox"/> Trihalomethanes<br><input type="checkbox"/> Haloacetic Acids<br><input type="checkbox"/> Chlorite<br><input type="checkbox"/> Bromate | <p><u>Radionuclides</u></p> <input checked="" type="checkbox"/> Single Sample<br><input type="checkbox"/> Qtrly Composite** | <p><u>Secondaries</u></p> <input type="checkbox"/> All 14<br><input type="checkbox"/> Partial |
|--|--|---|--|---|---|

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
 (Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 8/21/20

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 \*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES**  
**NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

  
 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL ZIP Code: 34269  
 Phone #: 863-993-4565 Fax #: 863-993-4568 E-Mail Address: canderson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 8/4/20 Sample Time: 0840  AM  PM (Circle One)  
 Sample Location (be specific): Facility Lab Tap (Finish Water) Location Code: \_\_\_\_\_  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.1 mg/L Field pH: 8.06

**Sample Type (Check Only One)**

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments:

As, Na

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY

that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 8/4/20  
 Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

  
 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL ZIP Code: 34269  
 Phone #: 863-993-4565 Fax #: 863-993-4568 E-Mail Address: canderson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 8/4/20 Sample Time: 0850  AM  PM (Circle One)  
 Sample Location (be specific): Facility Influent (Raw) Location Code: \_\_\_\_\_  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 0 mg/L Field pH: 7.65

**Sample Type (Check Only One)**

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments:

As, Na

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

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that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 8/4/20

Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

  
 System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity  
 Address: 8998 S.W. County Rd. 769  
 City: Arcadia FL ZIP Code: 34269  
 Phone #: 863-993-4565 Fax #: 863-993-4568 E-Mail Address: canderson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 8/4/20 Sample Time: 0845  AM  PM (Circle One)  
 Sample Location (be specific): Entry Point (Lab Tap) Location Code: \_\_\_\_\_  
 Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.1 mg/L Field pH: 8.06

Sample Type (Check Only One)

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

Reason(s) for Sample (Check all that apply)

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments:

Gross Alpha Radium 226+228

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

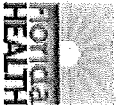
I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY

that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 8/4/20

Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167

EPA Lab Code: FL00289

(941) 723-9986

**E84167**  
**Benchmark EnviroAnalytical, Inc.**  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,2,4-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/20/2009
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/20/2009
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Alkalinity as CaCO3	SM 2320 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Ammonia as N	EPA 350.1	Primary Inorganic Contaminants	NELAP	3/7/2011
Antimony	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Arsenic	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Benzene	EPA 200.7	Other Regulated Contaminants	NELAP	9/28/2005
Beryllium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Boron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/7/2011
Bromate	EPA 300.1	Primary Inorganic Contaminants	NELAP	11/21/2008
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Bromodichloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Bromoform	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Chlorate	EPA 300.1	Secondary Inorganic Contaminants	NELAP	11/21/2008
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	5/25/2004
Chlorite	SM 4500-Cl G	Primary Inorganic Contaminants	NELAP	3/7/2011
Chloroacetic acid	EPA 300.1	Primary Inorganic Contaminants	NELAP	11/21/2008
Chlorobenzene	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Chloroform	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Chromium	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
cis-1,2-Dichloroethylene	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167 EPA Lab Code: FL00289 (941) 723-9986

E84167  
Benchmark Enviro-Analytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	7/31/2007
Conductivity	SM 2510 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Copper	EPA 200.7	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	5/25/2004
Corrosivity (langlier index)	SM 2330 B	Secondary Inorganic Contaminants	NELAP	3/7/2011
Cyanide	EPA 335.4	Primary Inorganic Contaminants	NELAP	3/7/2011
Dibromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Dibromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Dichloromethane (DCM, Methylene chloride)	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Dissolved organic carbon (DOC)	SM 5310 B	Primary Inorganic Contaminants	NELAP	11/21/2008
Escherichia coli	SM 9223 B	Microbiology	NELAP	1/3/2002
Escherichia coli	SM 9223 B /QUANT-TRAY	Microbiology	NELAP	3/7/2011
Ethy/benzene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Fluoride	EPA 300.0	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	5/25/2004
Hardness	SM 2340 B	Secondary Inorganic Contaminants	NELAP	3/7/2011
Heterotrophic plate count	SIMPLATE	Microbiology	NELAP	7/1/2016
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	5/25/2004
Hydrogen sulfide, un-ionized (calculation)	SM 4500S=H (21st ed)	Primary Inorganic Contaminants	NELAP	3/7/2011
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Lead	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Magnesium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	1/3/2002
Molybdenum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/7/2011
Nitrate	EPA 353.2	Primary Inorganic Contaminants	NELAP	5/25/2004
Nitrate as N	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Nitrite as N	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Nitrite as N	EPA 353.2	Primary Inorganic Contaminants	NELAP	5/25/2004
Odor	EPA 140.1	Secondary Inorganic Contaminants	NELAP	1/3/2002
Orthophosphate as P	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/7/2011
pH	SM 4500-H+-B	Secondary Inorganic Contaminants	NELAP	7/31/2007
Potassium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004

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Issue Date: 7/1/2020

Expiration Date: 6/30/2021



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167

EPA Lab Code: FL00289

(941) 723-9986

E84167

Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Selenium	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Silica as SiO2	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Silver	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Styrene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Sulfate	EPA 300.0	Primary Inorganic Contaminants;Secondary Inorganic Contaminants	NELAP	5/25/2004
Sulfide	SM 4500-S D/UV-VIS	Primary Inorganic Contaminants	NELAP	3/7/2011
Surfactants - MBAS	SM 5540 C	Secondary Inorganic Contaminants	NELAP	1/3/2002
Tetrachloroethylene (Perchloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Thallium	EPA 200.9	Primary Inorganic Contaminants	NELAP	1/3/2002
Toluene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Total coliforms	SM 9223 B	Microbiology	NELAP	1/3/2002
Total coliforms	SM 9223 B /QUANT-TRAY	Microbiology	NELAP	3/7/2011
Total dissolved solids	SM 2540 C	Secondary Inorganic Contaminants	NELAP	7/31/2007
Total haloacetic acids (HAA5)	EPA 552.2	Synthetic Organic Contaminants	NELAP	4/20/2009
Total nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Total nitrate-nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	1/3/2002
Total organic carbon	SM 5310 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Total trihalomethanes	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
trans-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	10/14/2010
Trichloroethylene (Trichloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	3/7/2011
UV 254	SM 5910 B	Primary Inorganic Contaminants	NELAP	11/16/2016
Vanadium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/7/2011
Vinyl chloride	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Xylene (total)	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Zinc	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E83033-16, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E83033      EPA Lab Code: FL01113      (407) 382-7733

E83033  
Florida Radiochemistry Services, Inc.  
5456 Hoffner Rd. Suite 201  
Orlando, FL 32812

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Gross-alpha	EPA 900.0	Radiochemistry	NELAP	6/28/2001
Gross-beta	EPA 900.0	Radiochemistry	NELAP	6/28/2001
Radium-226	EPA 903.0	Radiochemistry	NELAP	12/15/2003
Radium-226	EPA 903.1	Radiochemistry	NELAP	6/28/2001
Radium-228	EPA Ra-05	Radiochemistry	NELAP	6/28/2001
Uranium	EPA 908.0	Radiochemistry	NELAP	6/28/2001

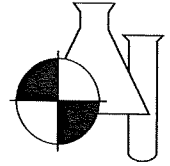
Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### INORGANIC ANALYSIS

62-550.310 (1)

REPORT NUMBER: 20090254 - 001

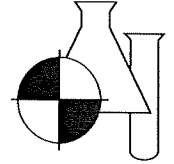
SYSTEM NAME: Facility Lab Tap (Finish Water)

SYSTEM ID: 614-2734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
1005	ARSENIC	0.010	MG/L	0.00069	U	SM3113B	0.00069	09/04/2020	16:37	E84167
1052	SODIUM	160	MG/L	36.8		200.7	0.034	09/04/2020	17:35	E84167

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269  
Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### INORGANIC ANALYSIS

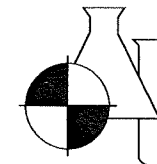
62-550.310 (1)

REPORT NUMBER: 20090254 - 002  
SYSTEM NAME: Facility Influent (Raw)  
SYSTEM ID: 614-2734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
1005	ARSENIC	0.010	MG/L	0.002	I	SM3113B	0.00069	09/04/2020	16:44	E84167
1052	SODIUM	160	MG/L	18.2		200.7	0.034	09/04/2020	17:40	E84167

# BENCHMARK

*EnviroAnalytical Inc.*



FDOH Certification #E84167

Peace River/Manasota R W S  
8998 Sw County Road 769  
Arcadia, FL 34269

Sam Stone

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

### RADIONUCLIDES

62-550.310 (6)

REPORT NUMBER: 20090254 - 003

SYSTEM NAME: Entry Point (Lab Tap)

SYSTEM ID: 614-2734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
4002	GROSS ALPHA (INCL URANIUM)	15	PCI/L	1.0+/-0.5		900.0	0.7	09/11/2020	10:40	E83033
4020	RADIUM-226	5	PCI/L	0.3+/-0.1		903.1	0.1	09/16/2020	10:54	E83033
4030	RADIUM-228	5	PCI/L	0.9+/-0.5	U	Ra-05	0.9	09/16/2020	10:38	E83033

#### DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL.  
J = Estimated value.  
J3 = Estimated value. Quality control criteria for precision or accuracy not met.  
J4 = Estimated value. Sample matrix interference suspected.  
Q = Sample held beyond accepted hold time.  
U = Analyte analyzed but not detected at the value indicated.  
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high.  
Standard, Duplicate, and Spike values are within control limits. Reported data are usable.  
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate

#### NOTES:

PQL = 4 x MDL.  
ND = Not Detected at or above adjusted reporting limit.  
MBAS calculated as LAS; molecular weight = 340.  
X = Value exceeds MCL.

For questions or comments regarding these results, please contact us at (941)723-9986.

*Results relate only to the samples.*

**Benchmark EnviroAnalytical, Inc.**

1711 Twelfth Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 www.benchmarkea.com

**Client: Peace River/ Manasota RWS**

8998 SW County Road 769  
 Arcadia, FL 34269  
 (863) 993-4565  
 (863) 993-4568 (Fax)

COC # 62

Chain of Custody Form: Peace River Monthly Finish, Raw  
 Project Name: Peace River Facility Monthly Quality Control  
 Method of discharge<sup>2</sup>: DW Sample Type<sup>1</sup>: Grab PWS #: 614-2734

Laboratory Submission #:	20090254
--------------------------	----------

Station ID	As (SM3113B) Na (200.7)		Gross Alpha Total Uranium* Radium 226 & 228		Laboratory Sample #
	1:4 HNO <sub>3</sub> pH<2 ✓		1:4 HNO <sub>3</sub> pH<2 ✓		
	1 x 1/2 Pint Plastic		2 x 2 Quart Plastic		
Facility Lab Tap (Finish Water)	Date/Time: 9/3/20 0910	.			1
Facility Influent (Raw)	Date/Time: 9/3/20 0915	.			2
Entry Point (Lab Tap)			Date/Time: 9/3/20 0920	..	3

\* Run Total Uranium only if the Gross Alpha is ≥15 pCi/L.

- "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), soil, sediment (SDMNT), or sludge (SLDG).
- "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

Laboratory Sample Acceptability: pH < 2 : ✓  
 BEA Temperature: 1.40C

- Instructions:**
- Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
  - The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
  - All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
  - The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

	Collected / Relinquished By:	Date:	Time:	Received By:	Date:	Time:
1	John Ramsey	9/3/20	1100	Melinda Muchant	9/3/20	1100
2	Melinda Muchant	9/3/20	1140	Baker	9/3/20	1140
3	Relinquished By:	9-3-20	1500	AB	9-3-20	1500
4	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

## INTERLABORATORY SAMPLE TRANSMITTAL FORM

Benchmark EnviroAnalytical, Inc.  
 1711 12<sup>th</sup> Street East  
 Palmetto, FL 34221  
 (941) 723-9986  
 (941) 723-6061 fax  
 WWW.Benchmarkea.com  
 Office QC Check: \_\_\_\_\_  
 Bottle Check: \_\_\_\_\_

Date:	09/08/20		
# of Samples:	1	Total # of Bottles:	2
Method of Shipment:	Hand Delivery		
Subcontract Laboratory:	Florida Radiochemistry 5456 Hoffner Ave. #201 Orlando, FL 32812 Phone: 407-382-7733 Fax: 407-382-7744		
Page	1	of	1

### 10 BUSINESS DAY T.A.T. PLEASE

Laboratory Submission #	Collection		Sample Matrix*	Collection Method**	Preservative	Container			Parameters	Conductivity** (µmhos)
	Date	Time				Qty	Capacity	Type***		
20090254-3	09/03/20	0920	DW	Grab	1:4 HNO <sub>3</sub>	2	2 Qt.	P	GROSS ALPHA, RADIUM 226/228 TOTAL URANIUM**	

\*\* Run Total Uranium only if Gross Alpha is greater than 15 pCi/L.

\* Sample Matrix abbreviations: Groundwater (GW), Surface Water (SW), Saline Surface Water (SSW), Fresh Surface Water (FSW), Drinking Water (DW), Sludge (Sludg), Solid (Sol), Soil (Soil), Domestic Effluent (Dom. Eff), Industrial Effluent (Ind. Eff).  
 \*\* Sample Method abbreviations: Grab (G), Composite (C), 24 Hour Composite (24HR Comp.).  
 \*\*\* Container Type abbreviations: Plastic (P), Glass (G).

Relinquished By: (Benchmark)	Sign Name:	<i>Nathan Hadsell</i>	Date:	9-8-20	Received By:	<i>Mike Najman</i>	Date:	9-8-20
	Print Name:	Nathan Hadsell	Time:			MIKE NAJMAN	Time:	11:22
Relinquished By:	Sign Name:		Date:		Received By:		Date:	
	Print Name:		Time:				Time:	

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply

PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

System Type (check one):  Community  Nontransient Noncommunity

Transient Noncommunity

Address: 8998 S.W. County Rd. 769

City: Arcadia FL.

ZIP Code: 34269

Phone #: 863-993-4565 Fax #: 863-993-4568

E-Mail Address: randerson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 9/3/20

Sample Location (be specific): Facility Lab Tap (Finish Water)

Sample Time: 0910  AM  PM (Circle One)

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.1 mg/L

Location Code: \_\_\_\_\_

**Sample Type (Check Only One)**

Field pH: 8.32

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments:

As, Na

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey  
 (Print Name)

Ops. Specialist, do HEREBY CERTIFY  
 (Print Title)

that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey

Date: 9/3/20

Certified Operator #: 4668 Phone #: 863-993-4565

Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity

Address: 8998 S.W. County Rd. 769

City: Arcadia FL ZIP Code: 34269

Phone #: 863-993-4565 Fax #: 863-993-4568 E-Mail Address: randerson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 9/3/20 Sample Time: 0915  AM  PM (Circle One)

Sample Location (be specific): Facility Influent (Raw) Location Code: \_\_\_\_\_

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 0 mg/L Field pH: 7.68

**Sample Type (Check Only One)**

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

Sampling Procedure Used or Other Comments:

As, Na

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 9/3/20

Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_

**Florida Department of Environmental Protection**  
**Safe Drinking Water Program Laboratory Reporting Format**

**PUBLIC WATER SYSTEM INFORMATION** (to be completed by sampler - please type or print legibly)

System Name: Peace River Manasota Regional Water Supply PWS I.D. #: 

6	1	4	2	7	3	4
---	---	---	---	---	---	---

System Type (check one):  Community  Nontransient Noncommunity  Transient Noncommunity

Address: 8998 S.W. County Rd. 769

City: Arcadia FL ZIP Code: 34269

Phone #: 863-993-4565 Fax #: 863-993-4568 E-Mail Address: randerson@regionalwater.org

**SAMPLE INFORMATION** (to be completed by sampler)

Sample Number: \_\_\_\_\_ Sample Date: 9/3/20 Sample Time: 0920  AM  PM (Circle One)

Sample Location (be specific): Entry Point (Lab Tap) Location Code: \_\_\_\_\_

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 4.1 mg/L Field pH: 8.32

**Sample Type (Check Only One)**

- Distribution
- Entry Point (to Distribution)
- Plant Tap (not for compliance with 62-550)
- Raw (at well or intake)
- Max Residence Time
- Ave Residence Time
- Near First Customer

**Reason(s) for Sample (Check all that apply)**

- Routine Compliance with 62-550
- Confirmation of MCL Exceedance\*
- Composite of Multiple Sites\*\*
- Other: \_\_\_\_\_
- Replacement (of Invalidated Sample)
- Special (not for compliance with 62-550)
- Clearance (permitting)

**Sampling Procedure Used or Other Comments:**

Gross Alpha Radium 226 + 228

\*See 62-550.500(6) for requirements and restrictions. And 62-550.512(3) for nitrate or nitrite exceedances.

\*\*See 62-550.550(4) for requirements and attach a results page for each site.

**SAMPLER CERTIFICATION**

I, John Ramsey (Print Name), Ops. Specialist (Print Title), do HEREBY CERTIFY that the above public water system and sample collection information is complete and correct.

Signature: John Ramsey Date: 9/3/20

Certified Operator #: 4668 Phone #: 863-993-4565 Sampler's Fax #: 863-993-4568

Sampler's E-mail: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): \_\_\_\_\_

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

**ANALYSIS INFORMATION** (to be completed by lab) Date Sample(s) Received: 09/03/20

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20090254-001

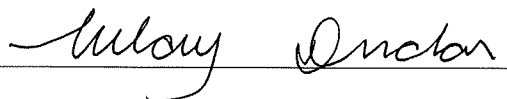
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- |   |  |   |  |  |   |
|---|--|---|--|--|---|
| <p><u>Inorganics</u></p> <input type="checkbox"/> All Except Asbestos<br><input checked="" type="checkbox"/> Partial<br><input type="checkbox"/> Nitrate<br><input type="checkbox"/> Nitrite<br><input type="checkbox"/> Asbestos | <p><u>Synthetic Organics</u></p> <input type="checkbox"/> All 30<br><input type="checkbox"/> All Except Dioxin<br><input type="checkbox"/> Partial<br><input type="checkbox"/> Dioxin Only | <p><u>Volatile Organics</u></p> <input type="checkbox"/> All 21<br><input type="checkbox"/> Partial | <p><u>Disinfection Byproducts</u></p> <input type="checkbox"/> Trihalomethanes<br><input type="checkbox"/> Haloacetic Acids<br><input type="checkbox"/> Chlorite<br><input type="checkbox"/> Bromate | <p><u>Radionuclides</u></p> <input type="checkbox"/> Single Sample<br><input type="checkbox"/> Qtrly Composite** | <p><u>Secondaries</u></p> <input type="checkbox"/> All 14<br><input type="checkbox"/> Partial |
|---|--|---|--|--|---|

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
 (Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 9/17/20

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES**  
**NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): \_\_\_\_\_

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

**ANALYSIS INFORMATION** (to be completed by lab) Date Sample(s) Received: 09/03/20

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20090254-002

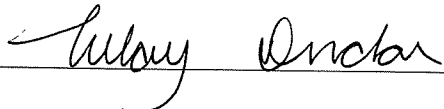
Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- |   |  |   |  |  |   |
|---|--|---|--|--|---|
| <p><u>Inorganics</u></p> <input type="checkbox"/> All Except Asbestos<br><input checked="" type="checkbox"/> Partial<br><input type="checkbox"/> Nitrate<br><input type="checkbox"/> Nitrite<br><input type="checkbox"/> Asbestos | <p><u>Synthetic Organics</u></p> <input type="checkbox"/> All 30<br><input type="checkbox"/> All Except Dioxin<br><input type="checkbox"/> Partial<br><input type="checkbox"/> Dioxin Only | <p><u>Volatile Organics</u></p> <input type="checkbox"/> All 21<br><input type="checkbox"/> Partial | <p><u>Disinfection Byproducts</u></p> <input type="checkbox"/> Trihalomethanes<br><input type="checkbox"/> Haloacetic Acids<br><input type="checkbox"/> Chlorite<br><input type="checkbox"/> Bromate | <p><u>Radionuclides</u></p> <input type="checkbox"/> Single Sample<br><input type="checkbox"/> Qtrly Composite** | <p><u>Secondaries</u></p> <input type="checkbox"/> All 14<br><input type="checkbox"/> Partial |
|---|--|---|--|--|---|

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
 (Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 9/17/20

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.  
 \*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES**  
**NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER.** (Non-detects reported as "BDL" or with a "<" are not acceptable.)

**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_

# Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

**LABORATORY CERTIFICATION INFORMATION** (to be completed by lab – please type or print legibly)

Lab Name: Benchmark EnviroAnalytical, Inc. Florida DOH Certification #: E84167 Certification Expiration Date: 06/30/2021

ATTACH CURRENT DOH ANALYTE SHEET\*

Address: 1711 12th Street East, Palmetto, FL 34221 Phone #: 941-723-9986

Were any analyses subcontracted?  Yes  No If yes, please provide DOH certification number(s): E83033

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB\*

**ANALYSIS INFORMATION** (to be completed by lab) Date Sample(s) Received: 09/03/20

PWS ID (From Page 1): 6142734 Sample Number (From Page 1): \_\_\_\_\_ Lab Assigned Report # or Job ID: 20090254-003

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

- |  |  |                                  |   |   |                                  |
|--|--|----------------------------------|---|---|----------------------------------|
| <u>Inorganics</u>                            | <u>Synthetic Organics</u>                  | <u>Volatile Organics</u>         | <u>Disinfection Byproducts</u>            | <u>Radionuclides</u>                              | <u>Secondaries</u>               |
| <input type="checkbox"/> All Except Asbestos | <input type="checkbox"/> All 30            | <input type="checkbox"/> All 21  | <input type="checkbox"/> Trihalomethanes  | <input checked="" type="checkbox"/> Single Sample | <input type="checkbox"/> All 14  |
| <input type="checkbox"/> Partial             | <input type="checkbox"/> All Except Dioxin | <input type="checkbox"/> Partial | <input type="checkbox"/> Haloacetic Acids | <input type="checkbox"/> Qtrly Composite**        | <input type="checkbox"/> Partial |
| <input type="checkbox"/> Nitrate             | <input type="checkbox"/> Partial           |                                  | <input type="checkbox"/> Chlorite         |   |                                  |
| <input type="checkbox"/> Nitrite             | <input type="checkbox"/> Dioxin Only       |                                  | <input type="checkbox"/> Bromate          |   |                                  |
| <input type="checkbox"/> Asbestos            |  |                                  |   |   |                                  |

## LAB CERTIFICATION

I, Dale Dixon / Tulay Tanrisever / Kara Peterson, Lab Director / Technical Director & QC Officer / QA Officer, do HEREBY CERTIFY  
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:  Date: 9/17/20

\* Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.  
\*\* Please provide radiological sample dates & locations for each quarter.

**CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES  
NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)**

**COMPLIANCE DETERMINATION** (to be completed by DEP or DOH -- attach notes as necessary)

Sample Collection & Analysis Satisfactory:  Yes  No \_\_\_\_\_ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: \_\_\_\_\_ Date Notified: \_\_\_\_\_ DEP/DOH Reviewing Official: \_\_\_\_\_



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167      EPA Lab Code: FL00289      (941) 723-9986

**E84167**  
Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,2,4-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/20/2009
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	4/20/2009
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Alkalinity as CaCO3	SM 2320 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Ammonia as N	EPA 350.1	Primary Inorganic Contaminants	NELAP	3/7/2011
Antimony	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Arsenic	SM 3113 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	9/28/2005
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Beryllium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Boron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/7/2011
Bromate	EPA 300.1	Primary Inorganic Contaminants	NELAP	11/21/2008
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Bromodichloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Bromoform	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Chlorate	EPA 300.1	Secondary Inorganic Contaminants	NELAP	11/21/2008
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	5/25/2004
Chlorine	SM 4500-Cl G	Primary Inorganic Contaminants	NELAP	3/7/2011
Chlorite	EPA 300.1	Primary Inorganic Contaminants	NELAP	11/21/2008
Chloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	4/20/2009
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Chloroform	EPA 524.2	Group II Unregulated Contaminants	NELAP	9/28/2005
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021



*Laboratory Scope of Accreditation*

Attachment to Certificate #: E84167-49, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E84167      EPA Lab Code: FL00289      (941) 723-9986

E84167  
Benchmark EnviroAnalytical, Inc.  
1711 12th Street East  
Palmetto, FL 34221

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Selenium	SM 3113 B	Primary Inorganic Contaminants	NELAP	1/3/2002
Silica as SiO2	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Silver	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/25/2004
Styrene	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Sulfate	EPA 300.0	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	5/25/2004
Sulfide	SM 4500-S D/UV-VIS	Primary Inorganic Contaminants	NELAP	3/7/2011
Surfactants - MBAS	SM 5540 C	Secondary Inorganic Contaminants	NELAP	1/3/2002
Tetrachloroethylene (Perchloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Thallium	EPA 200.9	Primary Inorganic Contaminants	NELAP	1/3/2002
Toluene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Total coliforms	SM 9223 B	Microbiology	NELAP	1/3/2002
Total coliforms	SM 9223 B /QUANT-TRAY	Microbiology	NELAP	3/7/2011
Total dissolved solids	SM 2540 C	Secondary Inorganic Contaminants	NELAP	7/31/2007
Total haloacetic acids (HAA5)	EPA 552.2	Synthetic Organic Contaminants	NELAP	4/20/2009
Total nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/25/2004
Total nitrate-nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	1/3/2002
Total organic carbon	SM 5310 B	Primary Inorganic Contaminants	NELAP	5/25/2004
Total trihalomethanes	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
trans-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Trichloroacetic acid	EPA 552.2	Other Regulated Contaminants	NELAP	10/14/2010
Trichloroethene (Trichloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	3/7/2011
UV 254	SM 5910 B	Primary Inorganic Contaminants	NELAP	11/16/2016
Vanadium	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/7/2011
Vinyl chloride	EPA 524.2	Other Regulated Contaminants	NELAP	9/28/2005
Xylene (total)	EPA 524.2	Other Regulated Contaminants	NELAP	12/29/2015
Zinc	EPA 200.7	Secondary Inorganic Contaminants	NELAP	5/25/2004

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021

Ron DeSantis  
Governor



FLORIDA  
HEALTH

*Laboratory Scope of Accreditation*

Page 1 of 2

Attachment to Certificate #: E83033-16, expiration date June 30, 2021. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E83033

EPA Lab Code: FL01113

(407) 382-7733

E83033  
Florida Radiochemistry Services, Inc.  
5456 Hoffer Rd, Suite 201  
Orlando, FL 32812

Matrix: Drinking Water

Analyte	Method/Technique	Category	Certification Type	Effective Date
Gross-alpha	EPA 900.0	Radiochemistry	NELAP	6/28/2001
Gross-beta	EPA 900.0	Radiochemistry	NELAP	6/28/2001
Radium-226	EPA 903.0	Radiochemistry	NELAP	12/15/2003
Radium-226	EPA 903.1	Radiochemistry	NELAP	6/28/2001
Radium-228	EPA Ra-05	Radiochemistry	NELAP	6/28/2001
Uranium	EPA 908.0	Radiochemistry	NELAP	6/28/2001

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2020

Expiration Date: 6/30/2021

**AQUIFER STORAGE AND RECOVERY QUARTERLY SUMMARY REPORT (example reporting format)**

<b>QUARTERLY REPORTING PERIOD:</b> Quarter 3 2020	<b>Year:</b> 2020
<b>PWS NAME:</b> Peace River Regional Water Supply Authority	<b>PWS ID #</b> 6142734
<b>How Many ASR Wells Do You Have?</b>	<b>21</b>

ASR WELL COMPLIANCE SUMMARY 2009												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>INJECTION YES/NO</b>	no	no	no	no	no	no	no	yes	yes			
Dates: From								8/13/2020	9/1/2020			
Dates: To								8/31/2020	9/30/2020			
ASR WELL # (s)								4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S5,S6,S8,S 7	4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S5,S6,S8,S 7			
<b>STORAGE Yes/No</b>	yes	yes	yes	no	no	yes	yes	yes	yes			
Dates: From	1/1/2020	2/1/2020	3/1/2020			6/1/2020	7/1/2020	8/1/2020	9/1/2020			
Dates: To	1/31/2020	2/29/2020	3/31/2020			6/30/2020	7/31/2020	8/12/2020	9/30/2020			
ASR WELL # (s)	4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S3,S5,S6,S 8,S7,S9	4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S3,S5,S6,S 8,S7,S9	4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S3,S5,S6,S 8,S7,S9			4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S3,S5,S6,S 8,S7,S9	4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S3,S5,S6,S 8,S7,S9	4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S3,S5,S6,S 8,S7,S9	4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S3,S5,S6,S 8,S7,S9	s3,s9		
<b>RECOVERY Yes/No</b>	no	no	no	yes	yes	yes	no	no	no			
Dates: From				4/1/2020	5/1/2020	6/19/2020						
Dates: To				4/30/2020	5/27/2020	6/19/2020						
ASR WELL # (s)				4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S3,S5,S6,S 8,S7	4,10,11,12, 13,14,15,1 6,17,18,19, 20,T1,S1,S2 ,S3,S5,S6,S 8,S7	4,13,S7						
<b>SAMPLES COLLECTED Yes/No</b>	yes	yes	yes	yes	yes	yes	yes	yes	yes			
* ARSENIC (number of samples collected)	1	1	1	1	1	1	1	1	1			
* RADIOLOGICALS (number of sets of samples collected) Gross Alpha, Radium 226 and 228 = 1 Set	1	1	1	1	1	1	1	1	1			

\* Attach laboratory analyses results in approved Drinking Water format.