MEMORANDUM

January 23, 2018

TO:

Steve Kipfinger	Charlotte County Utilities
Mark Swartz	North Port Utilities
Eddie Miller	Desoto County Utilities
Mike Mylett	Sarasota County Utilities
Steve Adams	Punta Gorda Utilities
Deanna Newburg	DEP Ft Myers

FROM: Sam Stone
Land and Environmental Services Manager

RE: Annual Water Quality Data for the Consumer Confidence Report
Calendar Year 2017

Enclosed is the water quality data, collected by the Authority, for the Consumer Confidence Report / Calendar Year 2017. In addition to the water quality data, the Authority has included information about our source water, and the FDEP Source Water Assessment Project.

This submittal is generic in content, so that one version can be distributed to all the Authority's wholesale customers.

Should you require additional information about this submittal please contact me by phone at 863-491-7567 or email sstone@regionalwater.org.

xc: Mike Coates
Richard Anderson
Mike Chell

ANNUAL DRINKING WATER QUALITY DATA
For
THE CONSUMMER CONFIDENCE REPORT

CALENDAR YEAR 2017

Prepared By
The Peace River Manasota Regional Water Supply Authority
For The Following Utilities Served

CHARLOTTE COUNTY UTILITIES
DESOTO COUNTY UTILITIES
NORTH PORT UTILITIES
SARASOTA COUNTY UTILITIES
PUNTA GORDA UTILITIES

January 23, 2018

SOURCE OF SUPPLY

The Peace River Manasota Regional Water Supply Authority (Authority), uses as its source of supply, surface water from the Peace River. The Peace River is a large river by Florida standards, having a drainage area of 2300 square miles. The Peace River headwaters originate in the Green Swamp of northern Polk County, flowing through Lake Hancock, Winter Haven chain of lakes, and Lake Hamilton. The mouth of the Peace River is located at Punta Gorda, 120 miles downstream from the headwaters, delivering needed fresh water to the Charlotte Harbor estuary.

The Florida Department of Environmental Protection has conducted Source Water Assessments for all public water systems in Florida. These assessments will identify and assess any potential sources of contamination in the vicinity of your water supply. A Source Water Assessment Report for our system was completed in 2016 and is available at the DEP Source Water Assessment and Protection Program web site: http://www.dep.state.fl.us/swapp

Water Treatment Information

The Peace River Regional Water Supply Facility (Facility) is authorized to withdraw water from the Peace River by a water use permit issued by the Southwest Florida Water Management District. This permit includes a diversion schedule that determines when withdrawals can occur and the amount of river water that can be withdrawn by the Facility. When the river flow is high during the wet season the Facility will withdraw river water and store that water in an off-stream surface water reservoir. During dry periods the Facility will rely on stored reserves from the reservoir and ASR system. The Facility pumps water from the reservoir on a daily basis for treatment and distribution to the public. The treatment process includes the addition of powered carbon for the removal of algal taste and odor compounds, followed by color removal (coagulation and sedimentation) with alum, disinfection with chlorine and chloramines, filtration by rapid rate multi-media filters and pH adjustment with caustic soda before being distributed to the public.

UTILITY OWNER INFORMATION

If you have any questions about drinking water quality, provided by the Peace River Manasota Regional Water Supply Authority (Authority) in this Consumer Confidence Report, Annual Drinking Water Quality Data please contact Samuel S. Stone, Land and Environmental Services Manager by phone at 863-491-7567 or by e-mail at sstone@regionalwater.org. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled Board of Directors meetings. These meetings are typically held on the first Wednesday of every other month. The meeting locations rotate between the County Commission Chambers of Charlotte, Desoto, Manatee, or Sarasota Counties at 9:30 am. For information on a specific meeting, please contact the Authority Administrative office by phone at 941-316-1776 or log on to our web site at www.regionalwater.org

DATA PERIOD

The Peace River Manasota Regional Water Supply Authority, routinely monitors for constituents in your drinking water, according to Federal and State regulations. The following document provides water quality test results for the period of January 1st to December 31st, 2017. These same regulations require monitoring to occur in 9 year compliance cycles, made up of three, three year compliance periods. These three year compliance periods result in some contaminants being monitored once every three years, and may require some contaminant test results to be reported in this document from years other than calendar year 2017.

All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember, that the presence of these constituents does not necessarily pose a health risk.

PRIMARY INORGANIC CONTAMINANTS

These contaminants are required to be tested annually. Test results are for the period 1/1/17 – 12/31/17. Test results for the above contaminants resulted in **no violations**. Please note that Fluoride is a listed contaminant under the Primary Inorganic Contaminant list and the Secondary Drinking Water Standards list. Results for Fluoride therefore is listed in the secondary drinking water standards section and this section of the report.

Note 1. If Arsenic levels are above the MCL then special health effects language is required.

FDOH Certification #E84167

BENCHMARK
EnviroAnalytical Inc.

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

REPORT NUMBER: 17010136 - 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
	TOTAL KJELDAHL NITROGEN		MG/L	1.03		351.2	0.05	01/09/2017	12:16	E84167
	TOTAL NITROGEN		MG/L	1.17		353+351	0.05	01/09/2017	11:26	E84167

INORGANIC ANALYSIS
62-550.310 (1)

REPORT NUMBER: 17010136 - 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
1040	NITRATE NITROGEN	10	MG/L	0.126		353.2	0.004	01/05/2017	17:12	E84167
1041	NITRITE NITROGEN	1	MG/L	0.013		353.2	0.003	01/05/2017	17:12	E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.139		353.2	0.004	01/09/2017	11:26	E84167
1094	ASBESTOS		MFL	0.12	U	100.2	0.12	01/12/2017		E87804
1005	ARSENIC	0.010	MG/L	0.00069	U	SM3113B	0.00069	01/06/2017	11:01	E84167
1010	BARIUM	2	MG/L	0.013		200.7	0.002	01/06/2017	11:22	E84167
1015	CADMIUM	0.005	MG/L	0.0009	U	200.7	0.0009	01/06/2017	11:22	E84167
1020	CHROMIUM	0.1	MG/L	0.002	U	200.7	0.002	01/06/2017	11:22	E84167
1024	CYANIDE	0.2	MG/L	0.005	U	335.4	0.005	01/16/2017	16:26	E84167
1025	FLUORIDE	4.0	MG/L	0.212		300.0	0.030	01/10/2017	15:49	E84167
1030	LEAD	0.015	MG/L	0.00087	U	SM3113B	0.00067	01/06/2017	13:35	E84167

INORGANIC ANALYSIS

62-550.310 (1)

REPORT NUMBER: 17010136 - 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
1035	MERCURY	0.002	MG/L	0.000198	U	245.1	0.000198	01/10/2017	14:19	E84167
1036	NICKEL	0.1	MG/L	0.00118	U	200.7	0.00118	01/06/2017	11:22	E84167
1045	SELENIUM	0.05	MG/L	0.00157	U	SM3113B	0.00157	01/10/2017	11:47	E84167
1052	SODIUM	160	MG/L	41.7		200.7	0.034	01/06/2017	11:22	E84167
1074	ANTIMONY	0.006	MG/L	0.005	U	SM3113B	0.005	01/09/2017	14:39	E84167
1075	BERYLLIUM	0.004	MG/L	0.000078	U	200.7	0.000078	01/06/2017	11:22	E84167
1085	THALLIUM	0.002	MG/L	0.000981	U	200.9	0.000981	01/09/2017	16:45	E84167

VOLATILE ORGANICS

62-550.310 (4) (a)

REPORT NUMBER: 17010136 - 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
2378	1,2,4-TRICHLOROBENZENE	70	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2380	CIS-1,2-DICHLOROETHENE	70	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2955	XYLENES	10000	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2964	METHYLENE CHLORIDE	5	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2968	O-DICHLOROBENZENE	600	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2969	PARA-DICHLOROBENZENE	75	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2976	VINYL CHLORIDE	1	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2977	1,1-DICHLOROETHENE	7	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2979	TRANS-1,2-DICHLOROETHENE	100	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2980	1,2-DICHLOROETHANE	3	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2981	1,1,1-TRICHLOROETHANE	200	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2982	CARBON TETRACHLORIDE	3	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2983	1,2-DICHLOROPROPANE	5	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2984	TRICHLOROETHENE	3	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2985	1,1,2-TRICHLOROETHANE	5	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2987	TETRACHLOROETHENE	3	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2989	MONOCHLOROBENZENE	100	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2990	BENZENE	1	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167

VOLATILE ORGANIC CONTAMINANTS

These contaminants are required to be tested quarterly at the beginning of each 9 year cycle (2011) and subsequently tested annually. Test results are for one annual sample event for the period 1/1/17 – 12/31/17. Test results for the above contaminants resulted in **no violations**.

INORGANIC ANALYSIS

62-550.310 (1)

REPORT NUMBER: 17010136 - 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
1035	MERCURY	0.002	MG/L	0.000198	U	245.1	0.000198	01/10/2017	14:19	E84167
1036	NICKEL	0.1	MG/L	0.00118	U	200.7	0.00118	01/06/2017	11:22	E84167
1045	SELENIUM	0.05	MG/L	0.00157	U	SM3113B	0.00157	01/10/2017	11:47	E84167
1052	SODIUM	160	MG/L	41.7		200.7	0.034	01/06/2017	11:22	E84167
1074	ANTIMONY	0.006	MG/L	0.005	U	SM3113B	0.005	01/09/2017	14:39	E84167
1075	BERYLLIUM	0.004	MG/L	0.000078	U	200.7	0.000078	01/06/2017	11:22	E84167
1085	THALLIUM	0.002	MG/L	0.000981	U	200.9	0.000981	01/09/2017	16:45	E84167

VOLATILE ORGANICS

62-550.310 (4) (a)

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SYSTEM NAME: Entry Point (Lab Tap)
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PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
2378	1,2,4-TRICHLOROBENZENE	70	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2380	CIS-1,2-DICHLOROETHENE	70	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2955	XYLENES	10000	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2964	METHYLENE CHLORIDE	5	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2968	O-DICHLOROBENZENE	600	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2969	PARA-DICHLOROBENZENE	75	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2976	VINYL CHLORIDE	1	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2977	1,1-DICHLOROETHENE	7	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2979	TRANS-1,2-DICHLOROETHENE	100	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2980	1,2-DICHLOROETHANE	3	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2981	1,1,1-TRICHLOROETHANE	200	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2982	CARBON TETRACHLORIDE	3	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2983	1,2-DICHLOROPROPANE	5	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2984	TRICHLOROETHENE	3	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2985	1,1,2-TRICHLOROETHANE	5	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2987	TETRACHLOROETHENE	3	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2989	MONOCHLOROBENZENE	100	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2990	BENZENE	1	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167

VOLATILE ORGANICS

62-550.310 (4) (a)

REPORT NUMBER: 17010136 - 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
2991	TOLUENE	1000	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2992	ETHYLBENZENE	700	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167
2996	STYRENE	100	UG/L	0.5	U	524.2	0.5	01/06/2017	13:19	E84167

SYNTHETIC ORGANICS

62-550.310 (4) (b)

REPORT NUMBER: 17010136 - 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
2063	2,3,7,8-TCDD		PG/L	2.02	U	1613B	2.02	01/17/2017	12:01	E877688

SECONDARY CONTAMINANTS

62-550.320

REPORT NUMBER: 17010136 - 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
1022	COPPER	1	MG/L	0.009	I	200.7	0.004	01/06/2017	11:22	E84167

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.

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.

TURBIDITY MONITORING

The monitoring of turbidity occurs at least 6 times per day as required by the regulations. The data provided represents the turbidity from the combined filtered water location at the Peace River Regional Water Supply Facility. Test results are for the period 1/1/17 - 12/31/17. The Peace River Facility combined filtered water turbidity never exceeded the MCL of 1.0 and did not fail to meet on a monthly basis, the requirement of less than or equal to .30 level at least 95% of the time.

2017 Combined Filtered Water Turbidity Data

Month	Maximum Daily Reading (NTU)	Monthly Average Reading (NTU)	Percentage of Samples Meeting .30 NTU Limit
January	.14	.07	100
February	.09	.07	100
March	.09	.07	100
April	.14	.10	100
May	.16	.12	100
June	.12	.10	100
July	.13	.10	100
August	.12	.10	100
September	.11	.09	100
October	.11	.09	100
November	.10	.08	100
December	.10	.07	100

MICROBIOLOGICAL CONTAMINANTS

Total Coliform Bacteria
and
E. Coli Bacteria

These contaminants are required to be collected on a monthly basis. Test results are for the period 1/1/17 - 12/31/17. Test results for these parameters resulted in **no violations**. For the year, 156 total samples were collected with zero positive samples for Total Coliform.

Peace River Facility
Microbiological Summary Table
2017

Months	Total Number of Samples Collected	Number of Positive Total Coliform Samples	Number of Positive E. Coli Samples
January	12	0	0
February	12	0	0
March	15	0	0
April	12	0	0
May	12	0	0
June	15	0	0
July	12	0	0
August	15	0	0
September	11	0	0
October	12	0	0
November	15	0	0
December	12	0	0
Total	155	0	0

MAXIMUM RESIDUAL DISINFECTION LEVEL

As a result of the Disinfection/Disinfection By-Products Rule (effective 1/1/02) the Authority is required to monitor disinfection levels in the distribution system to ensure that the annual average residual of 4.0 mg/l is not exceeded. Test results provided are for the period 1/1/17 - 12/31/17 and result in **no violations**.

Peace River Facility
Maximum Residual Disinfection Level Results

See Summary Table Attached

DISINFECTANT RESIDUAL (CHLORINE OR CHLORAMINES)
EXAMPLE REPORTING FORMAT

	QUARTERLY REPORTING PERIOD:	4th quarter	YEAR: 2017
SYSTEM INFORMATION			
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**		

DISINFECTANT RESIDUAL COMPLIANCE SUMMARY

Last 12 Months	1	2	3	4	5	6	7	8	9	10	11	12
Actual Month/Year	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
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)*	16	19	18	16	14	19	12	15	11	12	15	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)	3.94	3.89	3.66	3.77	3.71	3.81	3.9	3.79	3.74	3.83	3.67	3.71
Calculate the Running Annual Average (RAA) (i.e., calculate the arithmetic average of the monthly averages for the last 12 months)												3.79
Does the RAA violate the Maximum Residual Disinfectant Level of 4.0 mg/l? (YES/NO)												NO

*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.

Total Organic Carbon (TOC)

The Stage I D/DBP Rule effective 1/1/02 as it relates to Sub Part H systems requires these contaminants to be tested monthly for the raw and finished water as paired samples to determine the treatment facility's on going per cent removal and removal ratio of TOC during treatment. Test results are for the period 1/1/17 – 12/31/17 on finished and raw untreated water at the Peace River Facility.

Peace River Facility
TOC Removal Results

See Summary Table Attached

TOTAL ORGANIC CARBON (TOC) ANNUAL REMOVAL SUMMARY

	By Month for Past 12 Months											
	1	2	3	4	5	6	7	8	9	10	11	12
Actual Month/Year	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
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	12.4	12.5	11.3	14.6	11.6	10.3	11.5	16.6	19.3	18.5	17.4	15.4
Treated Water TOC Monthly Arithmetic Average	3.62	3.78	3.74	3.36	3.59	3.55	3.1	3.93	4.71	4.51	4.45	3.98
Actual % TOC Removed *	71	70	67	77	69	66	73	76	76	76	74	74
% TOC Removed Quarterly Arithmetic Average			69			71			75			75
% TOC Removed 12 Month Running Arithmetic Average						70			72			72
Required % Removal	50	50	40	50	40	40	40	50	50	50	50	50
Monthly Actual/Required Ratio	1.42	1.40	1.67	1.54	1.73	1.64	1.83	1.53	1.51	1.51	1.49	1.48
Quarterly Average of Actual/Required Ratio			1.495			1.635			1.622			1.495
Running 12 Month Actual/Required Ratio												1.561

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)	**YES**

*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

TOTAL TRIHALOMETHANES (TTHM)
AND
TOTAL HALOACETIC ACIDS (HAA 5)

These contaminants are required to be tested annually on a quarterly frequency with compliance determined on a running annual average. Test results are for the period 1/1/17 – 12/31/17 and have resulted in **no violations**.

Peace River Facility
THM and HAA Results

See Summary Tables Attached

QUARTERLY MONITORING PERIOD: 1Q/2017

PWS ID Number: 614-2734

TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago		
	No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/da/yr)	TTHM Sample Result (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM LRAA (mg/L)	TTHM OE Value (mg/L)
				A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	1	1/12/2017	.029	.029	.027	.030	.025	0.028	0.029
Charlotte County Utility 10"	1	1/12/2017	.029	.029	.031	.031	.033	0.031	0.030
Carlton 42" (NRTM)	1	1/12/2017	.028	.028	.029	.029	.033	0.030	0.029

Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 0.080 mg/L? (YES/NO)	NO
Does the TTHM OE value at any monitoring location exceed 0.080 mg/L? (YES/NO)**	NO
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 mg/L at any monitoring location? (YES/NO/NA)***	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.

** If any TTHM OE value at any location exceeds 0.080 mg/L, you must conduct an OE and submit an OE report in accordance with 40 CFR 141.626.

*** If any TTHM LRAA at any location exceeds 0.040 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

QUARTERLY MONITORING PERIOD:1Q/2017

PWS ID Number: 614-2734

HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago		
	No. of HAA5 Samples Taken	Date Each HAA5 Sample Taken (mo/da/yr)	HAA5 Sample Result (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 LRAA (mg/L)	HAA5 OE Value (mg/L)
				A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	1	1/12/2017	.020	.020	.029	.030	.014	0.023	0.025
Charlotte County Utility 10"	1	1/12/2017	.020	.020	.028	.032	.018	0.025	0.025
Carlton 42" (NRTM)	1	1/12/2017	.021	.021	.029	.032	.015	0.024	0.026

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 0.060 mg/L? (YES/NO)	NO
Does the HAA5 OE value at any monitoring location exceed 0.060 mg/L? (YES/NO)**	NO
If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 0.030 mg/L at any monitoring location? (YES/NO/NA)***	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.

** If any HAA5 OE value at any location exceeds 0.060 mg/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 0.030 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

QUARTERLY MONITORING PERIOD: 2Q/2017

PWS ID Number: 614-2734

TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago		
	No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/da/yr)	TTHM Sample Result (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM LRAA (mg/L)	TTHM OE Value (mg/L)
				A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	1	4/06/2017	.028	.028	.029	.027	.030	0.028	0.028
Charlotte County Utility 10"	1	4/06/2017	.030	.030	.029	.031	.031	0.030	0.030
Carlton 42" (NRTM)	1	4/06/2017	.029	.029	.028	.029	.029	0.029	0.029

Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 0.080 mg/L? (YES/NO)	NO
Does the TTHM OE value at any monitoring location exceed 0.080 mg/L? (YES/NO)**	NO
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 mg/L at any monitoring location? (YES/NO/NA)***	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.

** If any TTHM OE value at any location exceeds 0.080 mg/L, you must conduct an OE and submit an OE report in accordance with 40 CFR 141.626.

*** If any TTHM LRAA at any location exceeds 0.040 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

QUARTERLY MONITORING PERIOD:2Q/2017

PWS ID Number: 614-2734

HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago		
	No. of HAA5 Samples Taken	Date Each HAA5 Sample Taken (mo/da/yr)	HAA5 Sample Result (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 LRAA (mg/L)	HAA5 OE Value (mg/L)
				A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	1	4/06/2017	.024	.024	.020	.029	.030	0.026	0.024
Charlotte County Utility 10"	1	4/06/2017	.013	.013	.020	.028	.032	0.023	0.019
Carlton 42" (NRTM)	1	4/06/2017	.015	.015	.021	.029	.032	0.024	0.020

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 0.060 mg/L? (YES/NO)	NO
Does the HAA5 OE value at any monitoring location exceed 0.060 mg/L? (YES/NO)**	NO
If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 0.030 mg/L at any monitoring location? (YES/NO/NA)***	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.

** If any HAA5 OE value at any location exceeds 0.060 mg/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 0.030 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

QUARTERLY MONITORING PERIOD: 3Q/2017

PWS ID Number: 614-2734

TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago		
	No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/da/yr)	TTHM Sample Result (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM LRAA (mg/L)	TTHM OE Value (mg/L)
				A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	1	7/12/2017	.036	.036	.028	.029	.027	0.030	0.032
Charlotte County Utility 10"	1	7/12/2017	.042	.042	.030	.029	.031	0.033	0.036
Carlton 42" (NRTM)	1	7/12/2017	.034	.034	.029	.028	.029	0.030	0.031

Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 0.080 mg/L? (YES/NO)	NO
Does the TTHM OE value at any monitoring location exceed 0.080 mg/L? (YES/NO)**	NO
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 mg/L at any monitoring location? (YES/NO/NA)***	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.

** If any TTHM OE value at any location exceeds 0.080 mg/L, you must conduct an OE and submit an OE report in accordance with 40 CFR 141.626.

*** If any TTHM LRAA at any location exceeds 0.040 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

QUARTERLY MONITORING PERIOD:3Q/2017

PWS ID Number: 614-2734

HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago	HAA5 LRAA (mg/L)	HAA5 OE Value (mg/L)
	No. of HAA5 Samples Taken	Date Each HAA5 Sample Taken (mo/da/yr)	HAA5 Sample Result (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)		
				A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	1	7/12/2017	.018	.018	.024	.020	.029	0.023	0.020
Charlotte County Utility 10"	1	7/12/2017	.019	.019	.013	.020	.028	0.020	0.018
Carlton 42" (NRTM)	1	7/12/2017	.018	.018	.015	.021	.029	0.021	0.018

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 0.060 mg/L? (YES/NO)	NO
Does the HAA5 OE value at any monitoring location exceed 0.060 mg/L? (YES/NO)**	NO
If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 0.030 mg/L at any monitoring location? (YES/NO/NA)***	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.

** If any HAA5 OE value at any location exceeds 0.060 mg/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 0.030 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

QUARTERLY MONITORING PERIOD: 4Q/2017

PWS ID Number: 614-2734

TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago		
	No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/da/yr)	TTHM Sample Result (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM Locational Quarterly Average (mg/L)	TTHM LRAA (mg/L)	TTHM OE Value (mg/L)
				A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	1	10/19/2017	.040	.040	.036	.028	.029	0.033	0.036
Charlotte County Utility 10"	1	10/19/2017	.040	.040	.042	.030	.029	0.035	0.038
Carlton 42" (NRTM)	1	10/19/2017	.036	.036	.034	.029	.028	0.032	0.034

Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 0.080 mg/L? (YES/NO)	NO
Does the TTHM OE value at any monitoring location exceed 0.080 mg/L? (YES/NO)**	NO
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 mg/L at any monitoring location? (YES/NO/NA)***	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.

** If any TTHM OE value at any location exceeds 0.080 mg/L, you must conduct an OE and submit an OE report in accordance with 40 CFR 141.626.

*** If any TTHM LRAA at any location exceeds 0.040 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

QUARTERLY MONITORING PERIOD:4Q/2017

PWS ID Number: 614-2734

HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago	HAA5 LRAA (mg/L)	HAA5 OE Value (mg/L)
	No. of HAA5 Samples Taken	Date Each HAA5 Sample Taken (mo/da/yr)	HAA5 Sample Result (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)		
				A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	1	10/19/2017	.026	.026	.018	.024	.020	0.022	0.024
Charlotte County Utility 10"	1	10/19/2017	.027	.027	.019	.013	.020	0.020	0.022
Carlton 42" (NRTM)	1	10/19/2017	.027	.027	.018	.015	.021	0.020	0.022

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 0.060 mg/L? (YES/NO)	NO
Does the HAA5 OE value at any monitoring location exceed 0.060 mg/L? (YES/NO)**	NO
If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 0.030 mg/L at any monitoring location? (YES/NO/NA)***	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.

** If any HAA5 OE value at any location exceeds 0.060 mg/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 0.030 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

NITRATE NITROGEN
And
NITRITE NITROGEN

These contaminants are normally required to be tested annually on a quarterly frequency. The Peace River Facility however has met rule conditions for a reduced sampling frequency of once annually. Test results are for the period 1/1/17 – 12/31/17 and have resulted in **no violations**.

Peace River Facility
Nitrate and Nitrite

See Attached Lab Report

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

REPORT NUMBER: 17010136 - 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
	TOTAL KJELDAHL NITROGEN		MG/L	1.03		351.2	0.05	01/09/2017	12:16	E84167
	TOTAL NITROGEN		MG/L	1.17		353+351	0.05	01/09/2017	11:26	E84167

INORGANIC ANALYSIS
62-550.310 (1)

REPORT NUMBER: 17010136 - 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
1040	NITRATE NITROGEN	10	MG/L	0.126		353.2	0.004	01/05/2017	17:12	E84167
1041	NITRITE NITROGEN	1	MG/L	0.013		353.2	0.003	01/05/2017	17:12	E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.139		353.2	0.004	01/09/2017	11:26	E84167
1094	ASBESTOS		MFL	0.12	U	100.2	0.12	01/12/2017		E87804
1005	ARSENIC	0.010	MG/L	0.00069	U	SM3113B	0.00069	01/06/2017	11:01	E84167
1010	BARIUM	2	MG/L	0.013		200.7	0.002	01/06/2017	11:22	E84167
1015	CADMIUM	0.005	MG/L	0.0009	U	200.7	0.0009	01/06/2017	11:22	E84167
1020	CHROMIUM	0.1	MG/L	0.002	U	200.7	0.002	01/06/2017	11:22	E84167
1024	CYANIDE	0.2	MG/L	0.005	U	335.4	0.005	01/16/2017	16:26	E84167
1025	FLUORIDE	4.0	MG/L	0.212		300.0	0.030	01/10/2017	15:49	E84167
1030	LEAD	0.015	MG/L	0.00067	U	SM3113B	0.00067	01/06/2017	13:35	E84167

TREATMENT TECHNIQUES

In lieu of a MCL, Federal and State regulations allow that some contaminants be limited during the treatment of water. The Utility may therefore, use these limitations through documented certification on an annual basis.

See Attached Chemical Supplier Letter.

KED Group, Inc.
3624 SW 58 Ave
Miami, FL 33155
407-375-8328
954-309-1830

December 8, 2017

Peace River/Manasota
Regional Water Supply Authority
8998 S.W. County Road 769
Arcadia, FL 34266

RE: Acrylamide and Epichlorohydrin levels in EK 102 PWG Polymer

Dear Sirs:

This letter is to certify that limits on levels of the above contaminates are as follows:

Acrylamide – less than 0.005% at 1 ppm in accordance with NSF standards

Epichlorohydrin – none at 1 ppm in accordance with NSF standards

All of our products comply with ANS/NSF standard 60 drinking water treatment chemicals. If you have any questions, please let us know.

Sincerely yours,

Ken DeGarmo

Kenneth E. DeGarmo
President
KED Group, Inc.

Synthetic Organic Chemicals

These contaminants are required to be tested semi-annually every three years. Test results are for the period 1/1/17 – 12/31/17. These test results are from the most recent testing done in accordance with State and Federal regulations and **no violations or detections** occurred during this 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: 17010326 - 001
SYSTEM NAME: Entry Point (Lab Tap)-SOCs
SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
2005	ENDRIN	2.0	UG/L	0.0067	U	508.1	0.0067	01/18/2017	04:20	E83079
2010	GAMMA-BHC (LINDANE)	0.2	UG/L	0.0029	U	508.1	0.0029	01/18/2017	04:20	E83079
2015	METHOXYCHLOR	40	UG/L	0.0490	U	508.1	0.0490	01/18/2017	04:20	E83079
2020	TOXAPHENE	3.0	UG/L	0.5800	U	508.1	0.5800	01/18/2017	04:20	E83079
2031	DALAPON	200	UG/L	0.8900	U	515.3	0.8900	01/17/2017	15:39	E83079
2032	DIQUAT	20	UG/L	0.3000	U	549.2	0.3000	01/16/2017	01:56	E83079
2033	ENDOTHALL	100	UG/L	4.3000	U	548.1	4.3000	01/20/2017	07:53	E83079
2034	GLYPHOSATE	700	UG/L	4.2000	U	547	4.2000	01/17/2017	12:57	E83079
2035	BIS(2-ETHYLHEXYL)ADIPATE	400	UG/L	0.3700	U	525.2	0.3700	01/25/2017	15:53	E83079
2036	OXAMYL	200	UG/L	0.5500	U	531.1	0.5500	01/19/2017	00:45	E83079
2037	SIMAZINE	4.0	UG/L	0.0660	U	508.1	0.0660	01/18/2017	04:20	E83079
2039	BIS(2-ETHYLHEXYL)PHTHALATE	6.0	UG/L	0.5300	U	525.2	0.5300	01/25/2017	15:53	E83079
2040	PICLORAM	500	UG/L	0.0940	U	515.3	0.0940	01/17/2017	15:39	E83079
2041	DINOSEB	7.0	UG/L	0.1600	U	515.3	0.1600	01/17/2017	15:39	E83079
2042	HEXACHLOROCYCLOPENTADIENE	50	UG/L	0.0310	U	508.1	0.0310	01/18/2017	04:20	E83079
2046	CARBOFURAN	40	UG/L	0.3200	U	531.1	0.3200	01/19/2017	00:45	E83079
2050	ATRAZINE	3.0	UG/L	0.0600	U	508.1	0.0600	01/18/2017	04:20	E83079
2051	ALACHLOR	2	UG/L	0.0340	U	508.1	0.0340	01/18/2017	04:20	E83079
2063	2,3,7,8-TCDD		PG/L	0.677	U	1613B	0.677	01/24/2017		E87688
2065	HEPTACHLOR	0.4	UG/L	0.0110	U	508.1	0.0110	01/18/2017	04:20	E83079

SYNTHETIC ORGANICS

62-550.310 (4) (b)

REPORT NUMBER: 17010326 - 001
SYSTEM NAME: Entry Point (Lab Tap)-SOCs
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	0.0029	U	508.1	0.0029	01/18/2017	04:20	E83079
2105	2,4-D	70	UG/L	0.0810	U	515.3	0.0810	01/17/2017	15:39	E83079
2110	2,4,5-TP (SILVEX)	50	UG/L	0.1600	U	515.3	0.1600	01/17/2017	15:39	E83079
2274	HEXACHLOROBENZENE	1.0	UG/L	0.0180	U	508.1	0.0180	01/18/2017	04:20	E83079
2306	BENZO(A)PYRENE	0.2	UG/L	0.0120	U	525.2	0.0120	01/25/2017	15:53	E83079
2326	PENTACHLOROPHENOL	1.0	UG/L	0.0300	U	515.3	0.0300	01/17/2017	15:39	E83079
2383	PCB, TOTAL	0.5	UG/L	0.0770	U	508.1	0.0770	01/18/2017	04:20	E83079
2931	1,2-DIBROMO-3-CHLOROPROPANE	0.20	UG/L	0.014	U	504.1	0.014	01/17/2017	14:36	E84167
2946	ETHYLENE DIBROMIDE	0.02	UG/L	0.01	U	504.1	0.01	01/17/2017	14:36	E84167
2959	CHLORDANE (TECHNICAL)	2.0	UG/L	0.0450	U	508.1	0.0450	01/18/2017	04:20	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.

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.

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: 17070735 - 001
SYSTEM NAME: Entry Point (Lab Tap)-Semi-Ann
SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
2005	ENDRIN	2.0	UG/L	0.0067	U	508.1	0.0067	08/03/2017	01:35	E83079
2010	GAMMA-BHC (LINDANE)	0.2	UG/L	0.0029	U	508.1	0.0029	08/03/2017	01:35	E83079
2015	METHOXYCHLOR	40	UG/L	0.0480	U	508.1	0.0480	08/03/2017	01:35	E83079
2020	TOXAPHENE	3.0	UG/L	0.5800	U	508.1	0.5800	08/03/2017	01:35	E83079
2031	DALAPON	200	UG/L	0.8900	U	515.3	0.8900	07/27/2017	00:42	E83079
2032	DIQUAT	20	UG/L	0.3000	U	549.2	0.3000	07/26/2017	10:41	E83079
2033	ENDOTHALL	100	UG/L	4.3000	U	548.1	4.3000	07/29/2017	21:00	E83079
2034	GLYPHOSATE	700	UG/L	4.2000	U	547	4.2000	07/25/2017	08:52	E83079
2036	OXAMYL	200	UG/L	0.5500	U	531.1	0.5500	07/26/2017	06:14	E83079
2037	SIMAZINE	4.0	UG/L	0.0660	U	508.1	0.0660	08/03/2017	01:35	E83079
2040	PICLORAM	500	UG/L	0.0940	U	515.3	0.0940	07/27/2017	00:42	E83079
2041	DINOSEB	7.0	UG/L	0.1600	U	515.3	0.1600	07/27/2017	00:42	E83079
2042	HEXACHLOROCYCLOPENTADIENE	50	UG/L	0.0300	U	508.1	0.0300	08/03/2017	01:35	E83079
2046	CARBOFURAN	40	UG/L	0.3200	U	531.1	0.3200	07/26/2017	06:14	E83079
2050	ATRAZINE	3.0	UG/L	0.0600	U	508.1	0.0600	08/03/2017	01:35	E83079
2051	ALACHLOR	2	UG/L	0.0330	U	508.1	0.0330	08/03/2017	01:35	E83079
2063	2,3,7,8-TCDD		PG/L	0.684	U	1613B	0.684	08/10/2017		E87688
2065	HEPTACHLOR	0.4	UG/L	0.0110	U	508.1	0.0110	08/03/2017	01:35	E83079
2067	HEPTACHLOR EPOXIDE	0.2	UG/L	0.0029	U	508.1	0.0029	08/03/2017	01:35	E83079
2105	2,4-D	70	UG/L	0.0810	U	515.3	0.0810	07/27/2017	00:42	E83079

SYNTHETIC ORGANICS

62-550.310 (4) (b)

REPORT NUMBER: 17070735 - 001
SYSTEM NAME: Entry Point (Lab Tap)-Semi-Ann
SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
2110	2,4,5-TP (SILVEX)	50	UG/L	0.1600	U	515.3	0.1600	07/27/2017	00:42	E83079
2274	HEXACHLOROBENZENE	1.0	UG/L	0.0180	U	508.1	0.0180	08/03/2017	01:35	E83079
2326	PENTACHLOROPHENOL	1.0	UG/L	0.0300	U	515.3	0.0300	07/27/2017	00:42	E83079
2383	PCB, TOTAL	0.5	UG/L	0.0760	U	508.1	0.0760	08/03/2017	01:35	E83079
2931	1,2-DIBROMO-3-CHLOROPROPANE	0.20	UG/L	0.014	U	504.1	0.014	07/21/2017	16:10	E84167
2946	ETHYLENE DIBROMIDE	0.02	UG/L	0.01	U	504.1	0.01	07/21/2017	16:10	E84167
2959	CHLORDANE (TECHNICAL)	2.0	UG/L	0.0450	U	508.1	0.0450	08/03/2017	01:35	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.

FDOH Certification #E84167

BENCHMARK
EnviroAnalytical Inc.

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: 17081409 - 001
SYSTEM NAME: Entry Point (Lab Tap)-Semi-Ann
SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
2035	DI(2-ETHYLHEXYL)ADIPATE	400	UG/L	0.38	U	525.2	0.38	09/08/2017	10:59	E83079
2039	DI(2-ETHYLHEXYL)PHTHALATE	6	UG/L	0.50	U	525.2	0.50	09/08/2017	10:59	E83079
2306	BENZO(A)PYRENE	0.2	UG/L	0.013	U	525.2	0.013	09/08/2017	10:59	E83079

DATA QUALIFIERS THAT MAY APPLY:

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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.

LEAD
And
COPPER

These contaminants are required to be tested annually every three years. Test results are for the period 1/1/17 – 12/31/17. These test results are from the most recent testing done in accordance with State and Federal regulations. **No violations** occurred during this period and 100% of the samples for both lead and copper were below the action level.

BENCHMARK
EnviroAnalytical Inc.

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ANALYTICAL TEST REPORT
THESE RESULTS MEET NELAC STANDARDS

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

Submission Number: 17080831
Project Name: PR FAC. COMPL. MONITORING ANNUA

System Name:	PR FAC. COMPL. MONITORING ANNUAL	**Date Submitted to Lab:**	08/17/2017
PWS ID:	6142734	**Analysis Date:**	08/23/2017
Lab Name:	Benchmark EnviroAnalytical, Inc.	**Compound:**	Lead
Lab ID:	E84167	**Method:**	SM3113B
Contact Person:	Dale Dixon	**MDL:**	0.00067 mg/L
Phone :	941-723-9986	**90th Percentile Value:**	0.004 mg/L

A	RANK (ascending)	LOCATION CODE	SUBMISSION ID	SAMPLE DATE	LEAD (mg/L)
	1	Lab Sink	17080831 - 005	08/17/2017	0.00067 U
	2	Upstrairs Bathroom	17080831 - 001	08/17/2017	0.001 I
	3	Mens Room	17080831 - 004	08/17/2017	0.001 I
	4	Hall Closet	17080831 - 002	08/17/2017	0.004
	5	Ladies Room	17080831 - 003	08/17/2017	0.004

CERTIFICATION: The tap samples used for lead and copper analysis 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.

Regulatory Review Official

Dale D. Dixon / Laboratory Director
Tülay Tanrisever / QC Officer

DATA QUALIFIERS THAT MAY APPLY:
I = Value is between laboratory MDL and PQL.
U = Analyte not detected at the value indicated.

NOTES:
X = Value exceeds MCL.

1711 Twelfth Street East, Palmetto, FL 34221 * Phone (941) 723-9986 * Fax (941) 723-6061

BENCHMARK
EnviroAnalytical Inc.

FDOH Certification #E84167

ANALYTICAL TEST REPORT
THESE RESULTS MEET NELAC STANDARDS

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

Submission Number: 17080831
Project Name: PR FAC. COMPL. MONITORING ANNUA

System Name:	PR FAC. COMPL. MONITORING ANNUAL	**Date Submitted to Lab:**	08/17/2017
PWS ID:	6142734	**Analysis Date:**	08/25/2017
Lab Name:	Benchmark EnviroAnalytical, Inc.	**Compound:**	Copper
Lab ID:	E84167	**Method:**	200.7
Contact Person:	Dale Dixon	**MDL:**	0.004 mg/L
Phone:	941-723-9986	**90th Percentile Value:**	0.042 mg/L

A	RANK (ascending)	LOCATION CODE	SUBMISSION ID	SAMPLE DATE	COPPER (mg/L)
	1	Lab Sink	17080831 - 005	08/17/2017	0.028
	2	Ladies Room	17080831 - 003	08/17/2017	0.029
	3	Hall Closet	17080831 - 002	08/17/2017	0.030
	4	Mens Room	17080831 - 004	08/17/2017	0.035
	5	Upstrairs Bathroom	17080831 - 001	08/17/2017	0.049

CERTIFICATION: The tap samples used for lead and copper analysis 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.

Regulatory Review Official

Dale D. Dixon / Laboratory Director
Tülay Tanrisever / QC Officer

DATA QUALIFIERS THAT MAY APPLY:
I = Value is between laboratory MDL and PQL.
U = Analyte not detected at the value indicated.

NOTES:
X = Value exceeds MCL.

1711 Twelfth Street East, Palmetto, FL 34221 * Phone (941) 723-9986 * Fax (941) 723-6061

SECONDARY CONTAMINANTS

These contaminants are required to be tested annually every three years. Test results are for the period 1/1/17 – 12/31/17. These test results are from the most recent testing done in accordance with State and Federal regulations and **no violations** occurred during this period.

FDOH Certification #E84167

BENCHMARK
EnviroAnalytical Inc.

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

Sam Stone

ANALYTICAL TEST REPORT
THESE RESULTS MEET NELAC STANDARDS

SECONDARY CONTAMINANTS
62-550.320

REPORT NUMBER: 17010051 - 001
SYSTEM NAME: Entry Point (Lab Tap)-Annual
SYSTEM ID: 6142734

PARAMETER ID	PARAMETER NAME	MCL	UNITS	ANALYSIS RESULT	QUALIFIER	ANALYTICAL METHOD	MDL	ANALYSIS DATE	ANALYSIS TIME	LAB ID
	COLOR PH		UNITS	8.15		SM4500H+B		01/04/2017	15:59	E84167
1002	ALUMINUM	0.2	MG/L	0.050	I	200.7	0.023	01/05/2017	10:49	E84167
1017	CHLORIDE	250	MG/L	26.8		300.0	0.353	01/10/2017	18:34	E84167
1022	COPPER	1	MG/L	0.010	I	200.7	0.004	01/05/2017	10:49	E84167
1025	FLUORIDE,	2.0	MG/L	0.206		300.0	0.030	01/10/2017	15:07	E84167
1028	IRON	0.3	MG/L	0.029	U	200.7	0.029	01/05/2017	10:49	E84167
1032	MANGANESE	0.05	MG/L	0.003	I	200.7	0.00098	01/05/2017	10:49	E84167
1050	SILVER	0.1	MG/L	0.0005	U	200.7	0.0005	01/05/2017	10:49	E84167
1055	SULFATE	250	MG/L	125		300.0	0.339	01/10/2017	18:34	E84167
1095	ZINC	5	MG/L	0.007		200.7	0.0014	01/05/2017	10:49	E84167
1905	COLOR, APPARENT	15	PCU	2.5		SM2120B	2.5	01/04/2017	15:59	E84167
1920	ODOR	3	TON	2		140.1	1	01/04/2017	13:39	E84167
1925	PH	6.5-8.5	UNITS	8.15	Q	SM4500H+B		01/04/2017	14:00	E84167
1930	TOTAL DISSOLVED SOLIDS	500	MG/L	264		SM2540C	7.26	01/05/2017	10:11	E84167
2905	SURFACTANTS	0.5	MG/L	0.03	U	SM5540C	0.03	01/05/2017	09:00	E84167

RADIOACTIVE CONTAMINANTS

These contaminants are required to be tested on a monthly basis. Test results are for the period 1/1/17 – 12/31/17. These test results show **no violations** occurred during this period.

Month	Gross Alpha (PCi/L)	Radium 226 (PCi/L)	Radium 228 (PCi/L)
January	1.5	.5	.8
February	1.5	.6	.7
March	2.6	.8	.9
April	2.2	.4	.8
May	3.0	1.1	.8
June	2.2	1.0	.9
July	1.7	.5	.8
August	2.1	.5	1.0
September	2.9	.4	.9
October	1.6	.3	1.0
November	2.1	.6	1.2
December	2.1	.7	1.3

SPECIAL PURPOSE SAMPLES
ARSENIC AND SODIUM CONTAMINANTS

These contaminants are required to be tested on a monthly basis. Test results are for the period 1/1/17 – 12/31/17. These test results show **no violations** occurred during this period.

Date	Arsenic (ug/l)	Sodium (mg/l)
January	.69 U	40.1
February	.69 U	45.4
March	.69 U	41.2
April	.69 U	40.3
May	.69 U	43.3
June	.69 U	46.9
July	.69 U	53.7
August	.69 U	43.7
September	.69 U	42.2
October	.69 U	38.6
November	.69 U	40.5
December	.69 U	44.6

ASBESTOS CONTAMINANTS

This contaminant is required to be tested once every nine years. Test results are for the period 1/1/11 – 12/31/11. These test results are from the most recent testing done in accordance with State and Federal regulations and **no violations** occurred during this period. Next scheduled testing period is calendar year 2020.

BENCHMARK

EnviroAnalytical Inc.

FDOH Certification #E84167

Peace River/Manasota R W S

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Arcadia , Fl 34269

ANALYTICAL TEST REPORT
THESE RESULTS MEET NELAC STANDARDS

INORGANIC ANALYSIS

62-550.310 (1)

REPORT NUMBER: 11010718 002
SYSTEM NAME: Entry Point-Sample #2
SYSTEM ID: 6142734

Parameter I.D.	NAME	(MCL)	UNITS	ANALYSIS RESULT	QUALIFIER	METHOD	MDL	DATE ANALYZED	TIME ANALYZED	LAB ID
1094	ASBESTOS		MFL	0.18	U	100.2	0.18	02/03/2011	12:00	E86772

DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL. (PQL = 4 x MDL).
J = Estimated value
J3 = Est. value quality control criteria for precision or accuracy not met
J4 = Est. value Sample matrix interference suspected
O = Sample held beyond accepted holdtime
U = Analyte analyzed but not detected at the value indicated
V = Analyte detected in sample and in method blank

NOTES:

MBAS calculated as LAS; molecular weight = 348
X = Value exceeds MCL

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986

Results relate only to the samples