ANNUAL DRINKING WATER QUALITY DATA
For
THE CONSUMER CONFIDENCE REPORT

CALENDAR YEAR 2022

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

February 06, 2023

SOURCE OF SUPPLY

The Peace River Manasota Regional Water Supply 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 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 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includes a diversion schedule that determines when withdrawals can occur and the amount of river water that can be withdrawn by the Facility.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 and polymer, 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 in this Consumer Confidence Report, please contact Richard Anderson Director of Operations at 863-993-4565 or by e-mail at randerson@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 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 http://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, 2022**.** These same regulations require monitoring to occur in 9-year compliance cycles, made up of three, 3-year compliance periods. These 3-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 2022.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

PRIMARY INORGANIC CONTAMINANTS

These contaminants are required to be tested annually. Test results are for the period 1/1/22 – 12/31/22. 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 is therefore 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.

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

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: 22010428-001

PWS ID (From Page 1): 6142734

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1040	Nitrate (as N)	10	mg/L	0.368		300.0	0.020	1/10/2022	18:36	E84167
1041	Nitrite (as N)	1	mg/L	0.046	I	300.0	0.020	1/10/2022	18:36	E84167
1005	Arsenic	0.010	mg/L	0.00069	U	SM3113B	0.00069	1/18/2022	15:35	E84167
1010	Barium	2	mg/L	0.012		200.7	0.002	1/12/2022	15:34	E84167
1015	Cadmium	0.005	mg/L	0.0009	U	200.7	0.0009	1/12/2022	15:34	E84167
1020	Chromium	0.1	mg/L	0.002	U	200.7	0.002	1/12/2022	15:34	E84167
1024	Cyanide	0.2	mg/L	0.005	U	335.4	0.005	1/24/2022	09:30	E84167
1025	Fluoride	4.0	mg/L	0.351		300.0	0.030	1/11/2022	12:06	E84167
1030	Lead	0.015	mg/L	0.00067	U	SM3113B	0.00067	1/11/2022	13:29	E84167
1035	Mercury	0.002	mg/L	0.000198	U	245.1	0.000198	1/17/2022	13:56	E84167
1036	Nickel	0.1	mg/L	0.00118	U	200.7	0.00118	1/12/2022	15:34	E84167
1045	Selenium	0.05	mg/L	0.004	I	SM3113B	0.00157	2/11/2022	10:37	E84167
1052	Sodium	160	mg/L	39.6		200.7	0.034	1/12/2022	15:34	E84167
1074	Antimony	0.006	mg/L	0.00226	U	SM3113B	0.00226	1/20/2022	17:36	E84167
1075	Beryllium	0.004	mg/L	0.002		200.7	0.000078	1/12/2022	15:34	E84167
1085	Thallium	0.002	mg/L	0.000981	U	200.9	0.000981	1/13/2022	17:14	E84167
1094	Asbestos	7 MFL	MFL	0.18	U	100.2	0.18	1/11/2022	16:22	E86772

*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.

VOLATILE ORGANIC CONTAMINANTS

These contaminants are required to be tested annually.

The attached test results are for the one annual sample event for the period 1/1/22 – 12/31/22. Test results for the above contaminants resulted in **no violations** for this current annual sample event.

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

VOLATILE ORGANICS
62-550.310(4)(a)

Report Number / Job ID: 22010428-001

PWS ID (From Page 1): 6142734

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	RDL	Analysis Date	Analysis Time	DOH Lab Certification #
2378	1,2,4-Trichlorobenzene	70	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2380	cis-1,2-Dichloroethylene	70	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2955	Xylenes (total)	10,000	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2964	Dichloromethane	5	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2968	o-Dichlorobenzene	600	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2969	para-Dichlorobenzene	75	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2976	Vinyl Chloride	1	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2977	1,1-Dichloroethylene	7	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2979	trans-1,2-Dichloroethylene	100	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2980	1,2-Dichloroethane	3	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2981	1,1,1-Trichloroethane	200	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2982	Carbon tetrachloride	3	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2983	1,2-Dichloropropane	5	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2984	Trichloroethylene	3	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2985	1,1,2-Trichloroethane	5	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2987	Tetrachloroethylene	3	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2989	Monochlorobenzene	100	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2990	Benzene	1	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2991	Toluene	1,000	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2992	Ethylbenzene	700	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167
2996	Styrene	100	µg/L	0.5	U	524.2	0.5	0.5	1/14/2022	17:42	E84167

NOTE: Results indicating non-detection with a reported lab MDL > .5 µg/L 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.

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 1/1/22 - 12/31/22. **The Peace River Facility combined filtered water turbidity never exceeded the MCL of 1.0 and meets on a monthly basis, the requirement of less than or equal to .30 level at least 95% of the time.**

2022 Combined Filtered Water Turbidity Data

Month	Maximum Daily Reading (NTU)	Monthly Average Reading (NTU)	Percentage of Samples Meeting .30 NTU Limit
January	.10	.08	100
February	.10	.09	100
March	.11	.09	100
April	.12	.10	100
May	.13	.10	100
June	.11	.10	100
July	.15	.10	100
August	.12	.08	100
September	.19	.10	100
October	.13	.09	100
November	.12	.10	100
December	.11	.08	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 1/1/22 - 12/31/22. Test results for these parameters resulted in **no violations**.

Peace River Facility
Microbiological Summary Table
2022

Total Number of Samples Collected	Number of Positive Total Coliform Samples	Number of Positive E. Coli Samples
156	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 1/1/22 - 12/31/22 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: Fourth quarter **YEAR:** 2022
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-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
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	12	15	12	12	15	12	15	12	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)	3.51	3.77	3.45	3.83	4.04	3.63	3.94	3.85	3.8	3.87	3.65	3.52
Calculate the Running Annual Average (RAA) (i.e., calculate the arithmetic average of the monthly averages for the last 12 months)												3.74
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)

Sub Part H systems require that these contaminants be tested monthly for the raw and finished water as paired samples to determine the treatment facility's percentage of removal and removal ratio of TOC during treatment. Test results are for the period 1/1/22 – 12/31/22 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-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
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	17.3	14.8	14.8	11.8	11.3	11.6	15.2	15	15.2	15.6	16.3	16.9
Treated Water TOC Monthly Arithmetic Average	4.7	3.86	4.35	3	4.49	2.26	4.26	3.46	3.82	4.67	5.06	4.96
Actual % TOC Removed *	73	74	71	75	60	81	72	77	75	70	69	71
% TOC Removed Quarterly Arithmetic Average			72			72			75			70
% TOC Removed 12 Month Running Arithmetic Average						72			73			72
Required % Removal	50	40	40	40	40	40	50	50	50	50	40	50
Monthly Actual/Required Ratio	1.46	1.85	1.77	1.86	1.51	2.01	1.44	1.54	1.50	1.40	1.72	1.41
Quarterly Average of Actual/Required Ratio			1.690			1.795			1.492			1.513
Running 12 Month Actual/Required Ratio												1.622

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 1/1/22 – 12/31/22 and have resulted in **no violations**.

Please note that the TTHM and Haa5 data is reported as ppb(parts per billion) per the newest DEP format.

Peace River Facility
THM and HAA Results

See Summary Tables Attached

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.

QUARTERLY MONITORING PERIOD*: January-March 2022

*Indicate the quarterly monitoring period by months and year (e.g., April-June 2012).

SYSTEM INFORMATION

PWS ID Number: 614-2734

PWS Name: Peace River Manasota Regional water supply authority

Source Water Type and Population Size Category:

☐ Ground Water:
- ☐ 10,000 – 99,999
- ☐ 100,000 – 499,999
- ☐ ≥ 500,000

☒ Subpart H:
- ☐ 500 – 3,300
- ☐ 3,301 – 9,999
- ☐ 10,000 – 49,999
- ☒ 50,000 – 249,999
- ☐ 250,000 – 999,999
- ☐ 1,000,000 – 4,999,999
- ☐ ≥ 5,000,000

Monitoring Mode*: ☒Routine Monitoring ☐Reduced Monitoring

Monitoring Frequency*: ☒Quarterly ☐Annually

Total Number Of Distribution System Monitoring Locations*: 3

Contact Person: Richard Anderson

Phone Number: 863-993-4565

E-Mail Address (optional): randerson@regionalwater.org

Fax Number (optional): 863-993-4568

* See 40 CFR 141.621 and 141.623 for more details.

QUARTERLY MONITORING PERIOD:January-March 2022 PWS ID Number: 614-2734

TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	DOH Lab Certification No.	This Quarter: No. of TTHM Samples Taken	This Quarter: Date Each TTHM Sample Taken (mo/da/yr)	This Quarter: TTHM Sample Result (µg/L)	This Quarter: TTHM Locational Quarterly Average (µg/L)	Previous Quarter: TTHM Locational Quarterly Average (µg/L)	2 Quarters Ago: TTHM Locational Quarterly Average (µg/L)	3 Quarters Ago: TTHM Locational Quarterly Average (µg/L)	TTHM LRAA (µg/L)	TTHM OE Value (µg/L)
					A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	E84167	1	1/12/2022	32.4	32.4	25.2	24.6	25.7	26.98	28.65
Charlotte County Utility 10”	E84167	1	1/12/2022	35.4	35.4	24.8	25.4	24.3	27.48	30.25
Carlton 42” (NRTM)	E84167	1	1/12/2022	31.3	31.3	25.4	25.9	24.3	26.73	28.48

Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 80 µg/L? (YES/NO)	NO
Does the TTHM OE value at any monitoring location exceed 80 µg/L? (YES/NO) ****	NO
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 µg/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.
** 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.

QUARTERLY MONITORING PERIOD:January-March 2022 PWS ID Number: 614-2734

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 (ug/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	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	E84167	1	1/12/2022	26.8	26.8	17.7	11.6	25.8	20.48	20.73
Charlotte County Utility 10”	E84167	1	1/12/2022	23.6	23.6	21.6	12.7	30.9	22.2	20.38
Carlton 42” (NRTM)	E84167	1	1/12/2022	20.7	20.7	14.8	15.2	35.8	21.63	17.85

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 60 µg/L? (YES/NO)	NO
Does the HAA5 OE value at any monitoring location exceed 60 µg/L? (YES/NO) ****	NO
If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 30 µg/Lat 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.

** 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.

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.

QUARTERLY MONITORING PERIOD*: April-June 2022

*Indicate the quarterly monitoring period by months and year (e.g., April-June 2012).

SYSTEM INFORMATION

PWS ID Number: 614-2734

PWS Name: Peace River Manasota Regional water supply authority

Source Water Type and Population Size Category:

☐ Ground Water:
- ☐ 10,000 – 99,999
- ☐ 100,000 – 499,999
- ☐ ≥ 500,000

☒ Subpart H:
- ☐ 500 – 3,300
- ☐ 3,301 – 9,999
- ☐ 10,000 – 49,999
- ☒ 50,000 – 249,999
- ☐ 250,000 – 999,999
- ☐ 1,000,000 – 4,999,999
- ☐ ≥ 5,000,000

Monitoring Mode*: ☒Routine Monitoring ☐Reduced Monitoring

Monitoring Frequency*: ☒Quarterly ☐Annually

Total Number Of Distribution System Monitoring Locations*: 3

Contact Person: Richard Anderson

Phone Number: 863-993-4565

E-Mail Address (optional): randerson@regionalwater.org

Fax Number (optional): 863-993-4568

* See 40 CFR 141.621 and 141.623 for more details.

QUARTERLY MONITORING PERIOD: April-June 2022 PWS ID Number: 614-2734

TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	DOH Lab Certification No.	This Quarter: No. of TTHM Samples Taken	This Quarter: Date Each TTHM Sample Taken (mo/da/yr)	This Quarter: TTHM Sample Result (µg/L)	This Quarter: TTHM Locational Quarterly Average (µg/L)	Previous Quarter: TTHM Locational Quarterly Average (µg/L)	2 Quarters Ago: TTHM Locational Quarterly Average (µg/L)	3 Quarters Ago: TTHM Locational Quarterly Average (µg/L)	TTHM LRAA (µg/L)	TTHM OE Value (µg/L)
					A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	E84167	1	4/11/2022	30.9	30.9	32.4	25.2	24.6	28.28	29.85
Charlotte County Utility 10”	E84167	1	4/11/2022	29.4	29.4	35.4	24.8	25.4	28.75	29.75
Carlton 42” (NRTM)	E84167	1	4/11/2022	28.2	28.2	31.3	25.4	25.9	27.7	28.28

Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 80 µg/L? (YES/NO)	NO
Does the TTHM OE value at any monitoring location exceed 80 µg/L? (YES/NO) ****	NO
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 µg/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.
** 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.

QUARTERLY MONITORING PERIOD: April-June 2022 PWS ID Number: 614-2734

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 (ug/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	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	E84167	1	4/11/2022	13.6	13.6	26.8	17.7	11.6	17.43	17.93
Charlotte County Utility 10”	E84167	1	4/11/2022	9.7	9.7	23.6	21.6	12.7	16.9	16.15
Carlton 42” (NRTM)	E84167	1	4/11/2022	26.8	26.8	20.7	14.8	15.2	19.38	22.28

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 60 µg/L? (YES/NO)	NO
Does the HAA5 OE value at any monitoring location exceed 60 µg/L? (YES/NO) ****	NO
If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 30 µg/Lat 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.

** 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.

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.

QUARTERLY MONITORING PERIOD*: July- September 2022

*Indicate the quarterly monitoring period by months and year (e.g., April-June 2012).

SYSTEM INFORMATION

PWS ID Number: 614-2734

PWS Name: Peace River Manasota Regional water supply authority

Source Water Type and Population Size Category:

☐ Ground Water:
- ☐ 10,000 – 99,999
- ☐ 100,000 – 499,999
- ☐ ≥ 500,000

☒ Subpart H:
- ☐ 500 – 3,300
- ☐ 3,301 – 9,999
- ☐ 10,000 – 49,999
- ☒ 50,000 – 249,999
- ☐ 250,000 – 999,999
- ☐ 1,000,000 – 4,999,999
- ☐ ≥ 5,000,000

Monitoring Mode*: ☒Routine Monitoring ☐Reduced Monitoring

Monitoring Frequency*: ☒Quarterly ☐Annually

Total Number Of Distribution System Monitoring Locations*: 3

Contact Person: Richard Anderson

Phone Number: 863-993-4565

E-Mail Address (optional): randerson@regionalwater.org

Fax Number (optional): 863-993-4568

* See 40 CFR 141.621 and 141.623 for more details.

TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	DOH Lab Certification No.	This Quarter: No. of TTHM Samples Taken	This Quarter: Date Each TTHM Sample Taken (mo/da/yr)	This Quarter: TTHM Sample Result (µg/L)	This Quarter: TTHM Locational Quarterly Average (µg/L)	Previous Quarter: TTHM Locational Quarterly Average (µg/L)	2 Quarters Ago: TTHM Locational Quarterly Average (µg/L)	3 Quarters Ago: TTHM Locational Quarterly Average (µg/L)	TTHM LRAA (µg/L)	TTHM OE Value (µg/L)
					A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	E84167	1	7/11/2022	28.6	28.6	30.9	32.4	25.2	29.28	30.13
Charlotte County Utility 10”	E84167	1	7/11/2022	32.1	32.1	29.4	35.4	24.8	30.43	32.25
Carlton 42” (NRTM)	E84167	1	7/11/2022	27.7	27.7	28.2	31.3	25.4	28.15	28.73

Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 80 µg/L? (YES/NO)	NO
Does the TTHM OE value at any monitoring location exceed 80 µg/L? (YES/NO) ****	NO
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 µg/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.
** 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 (ug/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	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	E84167	1	7/11/2022	22.6	22.6	13.6	26.8	17.7	20.18	21.40
Charlotte County Utility 10”	E84167	1	7/11/2022	26.8	26.8	9.7	23.6	21.6	20.43	21.73
Carlton 42” (NRTM)	E84167	1	7/11/2022	22.4	22.4	26.8	20.7	14.8	21.18	23.08

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 60 µg/L? (YES/NO)	NO
Does the HAA5 OE value at any monitoring location exceed 60 µg/L? (YES/NO) ****	NO
If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 30 µg/Lat 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.
** 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.

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.

QUARTERLY MONITORING PERIOD*: October-December 2022

*Indicate the quarterly monitoring period by months and year (e.g., April-June 2012).

SYSTEM INFORMATION

PWS ID Number: 614-2734

PWS Name: Peace River Manasota Regional water supply authority

Source Water Type and Population Size Category:

☐ Ground Water:
- ☐ 10,000 – 99,999
- ☐ 100,000 – 499,999
- ☐ ≥ 500,000

☒ Subpart H:
- ☐ 500 – 3,300
- ☐ 3,301 – 9,999
- ☐ 10,000 – 49,999
- ☒ 50,000 – 249,999
- ☐ 250,000 – 999,999
- ☐ 1,000,000 – 4,999,999
- ☐ ≥ 5,000,000

Monitoring Mode*: ☒Routine Monitoring ☐Reduced Monitoring

Monitoring Frequency*: ☒Quarterly ☐Annually

Total Number Of Distribution System Monitoring Locations*: 3

Contact Person: Michael Chell

Phone Number: 863-993-4565

E-Mail Address (optional) mchell@regionalwater.org

Fax Number (optional): 863-993-4568

* See 40 CFR 141.621 and 141.623 for more details.

TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY

Monitoring Location*	DOH Lab Certification No.	This Quarter: No. of TTHM Samples Taken	This Quarter: Date Each TTHM Sample Taken (mo/da/yr)	This Quarter: TTHM Sample Result (µg/L)	This Quarter: TTHM Locational Quarterly Average (µg/L)	Previous Quarter: TTHM Locational Quarterly Average (µg/L)	2 Quarters Ago: TTHM Locational Quarterly Average (µg/L)	3 Quarters Ago: TTHM Locational Quarterly Average (µg/L)	TTHM LRAA (µg/L)	TTHM OE Value (µg/L)
					A	B	C	D	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	E84167	1	10/10/2022	34.8	34.8	28.6	30.9	32.4	31.68	32.28
Charlotte County Utility 10”	E84167	1	10/10/2022	37.4	37.4	32.1	29.4	35.4	33.58	34.08
Carlton 42” (NRTM)	E84167	1	10/10/2022	35.9	35.9	27.7	28.2	31.3	30.78	31.93

Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 80 µg/L? (YES/NO)	NO
Does the TTHM OE value at any monitoring location exceed 80 µg/L? (YES/NO) ****	NO
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 µg/Lat 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.
** 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 (ug/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	(A+B+C+D)/4	(2A+B+C)/4
Peace River Facility (Finished- POE)	E84167	1	10/10/2022	28.9	28.9	22.6	13.6	26.8	22.98	23.50
Charlotte County Utility 10”	E84167	1	10/10/2022	28.7	28.7	26.8	9.7	23.6	22.20	23.48
Carlton 42” (NRTM)	E84167	1	10/10/2022	28.5	28.5	22.4	26.8	20.7	24.60	26.55

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 60 µg/L? (YES/NO)	NO
Does the HAA5 OE value at any monitoring location exceed 60 µg/L? (YES/NO) ****	NO
If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 30 µg/Lat 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.
** 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.

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 1/1/22 – 12/31/22 and have resulted in **no violations**.

Peace River Facility
Nitrate and Nitrite

See Attached Lab Report

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

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: 22010428-001

PWS ID (From Page 1): 6142734

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1040	Nitrate (as N)	10	mg/L	0.368		300.0	0.020	1/10/2022	18:36	E84167
1041	Nitrite (as N)	1	mg/L	0.046	I	300.0	0.020	1/10/2022	18:36	E84167
1005	Arsenic	0.010	mg/L	0.00069	U	SM3113B	0.00069	1/18/2022	15:35	E84167
1010	Barium	2	mg/L	0.012		200.7	0.002	1/12/2022	15:34	E84167
1015	Cadmium	0.005	mg/L	0.0009	U	200.7	0.0009	1/12/2022	15:34	E84167
1020	Chromium	0.1	mg/L	0.002	U	200.7	0.002	1/12/2022	15:34	E84167
1024	Cyanide	0.2	mg/L	0.005	U	335.4	0.005	1/24/2022	09:30	E84167
1025	Fluoride	4.0	mg/L	0.351		300.0	0.030	1/11/2022	12:06	E84167
1030	Lead	0.015	mg/L	0.00067	U	SM3113B	0.00067	1/11/2022	13:29	E84167
1035	Mercury	0.002	mg/L	0.000198	U	245.1	0.000198	1/17/2022	13:56	E84167
1036	Nickel	0.1	mg/L	0.00118	U	200.7	0.00118	1/12/2022	15:34	E84167
1045	Selenium	0.05	mg/L	0.004	I	SM3113B	0.00157	2/11/2022	10:37	E84167
1052	Sodium	160	mg/L	39.6		200.7	0.034	1/12/2022	15:34	E84167
1074	Antimony	0.006	mg/L	0.00226	U	SM3113B	0.00226	1/20/2022	17:36	E84167
1075	Beryllium	0.004	mg/L	0.002		200.7	0.000078	1/12/2022	15:34	E84167
1085	Thallium	0.002	mg/L	0.000981	U	200.9	0.000981	1/13/2022	17:14	E84167
1094	Asbestos	7 MFL	MFL	0.18	U	100.2	0.18	1/11/2022	16:22	E86772

*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.

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 15, 2022

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,

Kenneth E. DeGarmo
President
KEO Group, Inc.

Synthetic Organic Chemicals

These contaminants are required to be tested semi-annually every three years. Test results are for the period 1/1/20 – 12/31/20. 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.

The next required collection of samples and reporting of data is in the year 2023.

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

SYNTHETIC ORGANICS

Report Number / Job ID: 20010311-001 PWS ID (from Page 1): 614-2734

62-550.310(4)(b)

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	1/14/2020	1/21/2020	11:57	E87775
2010	Lindane	0.2	µg/L	0.02	U	525.2	0.02	0.02	1/14/2020	1/21/2020	11:57	E87775
2015	Methoxychlor	40	µg/L	0.1	U	525.2	0.1	0.1	1/14/2020	1/21/2020	11:57	E87775
2020	Toxaphene	3	µg/L	0.5700	U	508.1	0.5700	1	1/14/2020	1/15/2020	16:21	E83079
2031	Dalapon	200	µg/L	0.8900	U	515.3	0.8900	1	1/10/2020	1/12/2020	04:54	E83079
2032	Diquat	20	µg/L	0.1600	U	549.2	0.1600	0.4	1/13/2020	1/15/2020	09:22	E83079
2033	Endothall	100	µg/L	3.3000	U	548.1	3.3000	9	1/12/2020	1/15/2020	15:13	E83079
2034	Glyphosate	700	µg/L	4.2000	UC16	547	4.2000	6	1/18/2020	1/18/2020	04:59	E83079
2035	Di(2-ethylhexyl)adipate	400	µg/L	0.6	U	525.2	0.6	0.6	1/14/2020	1/21/2020	11:57	E87775
2036	Oxamyl (Vydate)	200	µg/L	0.4400	U	531.2	0.4400	2	1/15/2020	1/15/2020	23:14	E83079
2037	Simazine	4	µg/L	0.07	U	525.2	0.07	0.07	1/14/2020	1/21/2020	11:57	E87775
2039	Di(2-ethylhexyl)phthalate	6	µg/L	0.6	U	525.2	0.6	0.6	1/14/2020	1/21/2020	11:57	E87775
2040	Picloram	500	µg/L	0.0940	UC1	515.3	0.0940	0.1	1/10/2020	1/12/2020	04:54	E83079
2041	Dinoseb	7	µg/L	0.1600	U	515.3	0.1600	0.2	1/10/2020	1/12/2020	04:54	E83079
2042	Hexachlorocyclopentadinene	50	µg/L	0.1	U	525.2	0.1	0.1	1/14/2020	1/21/2020	11:57	E87775
2046	Carbofuran	40	µg/L	0.6700	U	531.2	0.6700	0.9	1/15/2020	1/15/2020	23:14	E83079
2050	Atrazine	3	µg/L	0.1	U	525.2	0.1	0.1	1/14/2020	1/21/2020	11:57	E87775
2051	Alachlor	2	µg/L	0.2	U	525.2	0.2	0.2	1/14/2020	1/21/2020	11:57	E87775
2063	2,3,7,8-TCDD (Dioxin)	0.03	ng/L	0.0017	U	1613B	0.0017	0.005	1/16/2020	1/17/2020	21:26	E87605
2065	Heptachlor	0.4	µg/L	0.04	U	525.2	0.04	0.04	1/8/2020	1/21/2020	11:57	E87775
2067	Heptachlor Epoxide	0.2	µg/L	0.02	U	525.2	0.02	0.02	1/14/2020	1/21/2020	11:57	E87775
2105	2,4-D	70	µg/L	0.0960	U	515.3	0.0960	0.1	1/10/2020	1/12/2020	04:54	E83079
2110	2,4,5-TP (Silvex)	50	µg/L	0.1600	U	515.3	0.1600	0.01	1/10/2020	1/12/2020	04:54	E83079
2274	Hexachlorobenzene	1	µg/L	0.1	U	525.2	0.1	0.02	1/14/2020	1/21/2020	11:57	E87775
2306	Benzo(a)pyrene	0.2	µg/L	0.02	U	525.2	0.02	0.1	1/14/2020	1/21/2020	11:57	E87775
2326	Pentachlorophenol	1	µg/L	0.0300	U	515.3	0.0300	1	1/10/2020	1/12/2020	04:54	E83079
2383	Polychlorinated biphenyls (PCBs)	0.5	µg/L	0.0750	U	508.1	0.0750	1	1/14/2020	1/15/2020	16:21	E83079
2931	Dibromochloropropane	0.2	µg/L	0.014	U	504.1	0.014	0.4	1/8/2020	1/8/2020	15:04	E84167
2946	Ethylene Dibromide (EDB)	0.02	µg/L	0.01	U	504.1	0.01	9	1/8/2020	1/8/2020	15:04	E84167
2959	Chlordane	2	µg/L	0.0440	U	508.1	0.0440	6	1/14/2020	1/15/2020	16:21	E83079

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.

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

SYNTHETIC ORGANICS

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

62-550.310(4)(b)

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.

*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) **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.	
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.

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

SYNTHETIC ORGANICS

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

62-550.310(4)(b)

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.

LEAD
And
COPPER

These contaminants are required to be tested annually every three years. Test results are for the period 1/1/20 – 12/31/20. 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.

The next required collection of samples and reporting of data is in the year 2023.

Lead and Copper Tap Sample Analysis and Result Ranking

Reporting Format 62-550.730(4)(a)

System Name: Peace River Facility

PWS-ID: 6142734

Laboratory Name: Benchmark EnviroAnalytical, Inc.

Lab-ID: E84167

Laboratory Contact Person: B. Beilfuss

Phone: (941) 723 - 9986

Date Submitted to Lab: 08/20/20

Analysis Date: 08/26/20

Lab Analysis method: 200.7

Lead or Copper (list one): Copper

Method Detection Limit: 0.004 mg/L

90th Percentile Value: 0.111 mg/L

A	RANK	LOCATION CODE NO.	TIER	LAB SAMPLE ID	DATE SITE SAMPLED	LEAD (mg/L)	COPPER (mg/L)
	1	Hall Closet		20081160 004	8/19/2020		0.010 I
	2	Mens Room		20081160 005	8/19/2020		0.010 I
	3	Lab Sink		20081160 003	8/19/2020		0.013 I
	4	Ladies Room		20081160 002	8/19/2020		0.024
	5	Upstairs Bathroom		20081160 001	8/19/2020		0.198

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 subsection 62-550.550(1), 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: Tulay Onaran

NAME (Please Print): Tulay Tanrisever /Kara Peterson

TITLE and DATE: Technical Director & QC Officer/QA Officers 08/27/20

Lead and Copper Tap Sample Analysis and Result Ranking

Reporting Format 62-550.730(4)(a)

System Name: Peace River Facility

PWS-ID: 6142734

Laboratory Name: Benchmark EnviroAnalytical, Inc.

Lab-ID: E84167

Laboratory Contact Person: B. Beilfuss

Phone: (941) 723 - 9986

Date Submitted to Lab: 08/20/20

Analysis Date: 08/21/20

Lab Analysis method: SM3113B

Lead or Copper (list one): Lead

Method Detection Limit: 0.00067 mg/L

90th Percentile Value: 0.004 mg/L

A	RANK	LOCATION CODE NO.	TIER	LAB SAMPLE ID	DATE SITE SAMPLED	LEAD (mg/L)	COPPER (mg/L)
	1	Hall Closet		20081160 002	8/19/2020	0.00067 U	
	2	Mens Room		20081160 004	8/19/2020	0.00067 U	
	3	Lab Sink		20081160 005	8/19/2020	0.00067 U	
	4	Ladies Room		20081160 003	8/19/2020	0.001 I	
	5	Upstairs Bathroom		20081160 001	8/19/2020	0.007	

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 subsection 62-550.550(1), 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: Tulay Tanrisever

NAME (Please Print): Tulay Tanrisever /Kara Peterson

TITLE and DATE: Technical Director & QC Officer/QA Officers 08/27/20

Qualifier Explanation:

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

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

PEACE RIVER/MANASOTA REGIONAL WATER SUPPLY AUTHORITY

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)†	EPA Maximum Contaminant Level Goal (MCLG)††
Lab sink	Lead	8/19/2020	**.00067mg/l**	0.015 mg/l	0 mg/l
Lab sink	Copper	8/19/2020	**.013 mg/l**	1.3 mg/l	0 mg/l
Men's Room	Lead	8/19/2020	**.00067mg/l**	0.015 mg/l	0 mg/l
Men's Room	Copper	8/19/2020	**.010 mg/l**	1.3 mg/l	0 mg/l
Hall Closet	Lead	8/19/2020	**.00067mg/l**	0.015 mg/l	0 mg/l
Hall Closet	Copper	8/19/2020	**.010 mg/l**	1.3 mg/l	0 mg/l
Ladies Room	Lead	8/19/2020	**.001 mg/l**	0.015 mg/l	0 mg/l
Ladies Room	Copper	8/19/2020	**.024 mg/l**	1.3 mg/l	0 mg/l
Upstairs Bathroom	Lead	8/19/2020	**.007 mg/l**	0.015 mg/l	0 mg/l
Upstairs Bathroom	Copper	8/19/2020	**.198 mg/l**	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 is 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*, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

SECONDARY CONTAMINANTS

These contaminants are required to be tested annually every three years. Test results are for the period 1/1/20 – 12/31/20. These test results are from the most recent testing done in accordance with State and Federal regulations and **no violations** occurred during this period.

The next required collection of samples and reporting of data is in the year of 2023.

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

SECONDARY CONTAMINANTS
62-550.320

REPORT NUMBER: 20010568 - 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	8.10		SM4500H+B		01/13/2020	16:30	E84167
1002	ALUMINUM	0.2	MG/L	0.0610	I	200.7	0.023	01/14/2020	15:06	E84167
1017	CHLORIDE	250	MG/L	25.3		300.0	0.353	01/15/2020	04:35	E84167
1022	COPPER	1	MG/L	0.0050	I	200.7	0.004	01/14/2020	15:06	E84167
1025	FLUORIDE.	4.0	MG/L	0.286		300.0	0.030	01/15/2020	17:21	E84167
1028	IRON	0.3	MG/L	0.029	U	200.7	0.029	01/14/2020	15:06	E84167
1032	MANGANESE	0.05	MG/L	0.0010	I	200.7	0.00098	01/14/2020	15:06	E84167
1050	SILVER	0.1	MG/L	0.0010	I	200.7	0.0005	01/14/2020	15:06	E84167
1055	SULFATE	250	MG/L	115		300.0	0.339	01/15/2020	04:35	E84167
1095	ZINC	5	MG/L	0.0120		200.7	0.0014	01/14/2020	15:06	E84167
1905	COLOR, APPARENT	15	PCU	2.5	U	SM2120B	2.5	01/13/2020	16:30	E84167
1920	ODOR	3	TON	1	U	140.1	1	01/13/2020	12:23	E85086
1925	PH	6.5-8.5	UNITS	8.10	Q	SM4500H+B		01/13/2020	16:00	E84167
1930	TOTAL DISSOLVED SOLIDS	500	MG/L	232		SM2540C	7.26	01/15/2020	09:52	E84167
2905	SURFACTANTS	0.5	MG/L	0.062	I	SM5540C	0.03	01/14/2020	08:30	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.
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.

RADIOACTIVE CONTAMINANTS

These contaminants are required to be tested on a monthly basis. Test results are for the period 1/1/22 – 12/31/22

These test results show **no violations** occurred during this period.

	No. of Samples	Minimum (PCi/L)	Maximum (PCi/L)	Average (PCi/L)	MCL (PCi/L)
Gross Alpha	12	1.1	2.1	1.6	15
Radium 226	12	.3	.9	.6	5
Radium 228	12	.5	.9	.7	5

MCL=Maximum Contaminant Level - The maximum permissible level of a contaminant in water which is delivered to any user of a public water system. MCLs are enforceable standards.

SPECIAL PURPOSE SAMPLES
ARSENIC AND SODIUM CONTAMINANTS

These contaminants are required to be tested on a monthly basis. Test results are for the period 1/1/22 – 12/31/22. These test results show **no violations** occurred during this period.

Date	Arsenic (ug/l)	Sodium (mg/l)	MCL Arsenic (ug/l)	MCLSodium (mg/l)
January	1.32U	45.0	10	160
February	1.0 I	40.2	10	160
March	.69 U	41.8	10	160
April	2.0 I	43.5	10	160
May	1.0 I	48.7	10	160
June	.69 U	50.8	10	160
July	1.0 I	51.1	10	160
August	.69 U	51.6	10	160
September	1.0 I	42.7	10	160
October	.69 U	43.3	10	160
November	2.0 I	41.7	10	160
December	2.0 I	38.9	10	160

I= Reported value is between the Laboratory MDL and the PQL
U= Analyte analyzed but not detected at the value indicated

MCL=Maximum Contaminant Level - The maximum permissible level of a contaminant in water which is delivered to any user of a public water system. MCLs are enforceable standards.

ASBESTOS CONTAMINANTS

This contaminant is required to be tested once every nine years. Test results are for the period 1/1/22 – 12/31/22. These test results are from the most recent testing done in accordance with State and Federal regulations and **no violations** occurred during this period.

BENCHMARK
EnviroAnalytical Inc.

FDOH Certification #E84167

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

Revised
SEE NOTES

ANALYTICAL TEST REPORT
THESE RESULTS MEET NELAC STANDARDS

INORGANIC ANALYSIS
62-550.310 (1)

REPORT NUMBER: 22010428 - 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	0.368		300.0	0.020	01/10/2022	18:36	E84167
1041	NITRITE NITROGEN	1.0	MG/L	0.046	I	300.0	0.020	01/10/2022	18:36	E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.414		300.0	0.020	01/10/2022	18:36	E84167
1094	ASBESTOS	7	MFL	0.18	U	100.2	0.18	01/11/2022	16:22	E87804
1005	ARSENIC	0.010	MG/L	0.00069	U	SM3113B	0.00069	01/18/2022	15:35	E84167
1010	BARIUM	2	MG/L	0.012		200.7	0.002	01/12/2022	15:34	E84167
1015	CADMIUM	0.005	MG/L	0.0009	U	200.7	0.0009	01/12/2022	15:34	E84167
1020	CHROMIUM	0.1	MG/L	0.002	U	200.7	0.002	01/12/2022	15:34	E84167
1024	CYANIDE	0.2	MG/L	0.005	YU	335.4	0.005	01/24/2022	09:30	E84167
1025	FLUORIDE	4.0	MG/L	0.351		300.0	0.030	01/11/2022	12:06	E84167
1030	LEAD	0.015	MG/L	0.00067	U	SM3113B	0.00067	01/11/2022	13:29	E84167
1035	MERCURY	0.002	MG/L	0.000198	U	245.1	0.000198	01/17/2022	13:56	E84167
1036	NICKEL	0.1	MG/L	0.00118	U	200.7	0.00118	01/12/2022	15:34	E84167
1045	SELENIUM	0.05	MG/L	0.004	I	SM3113B	0.00157	02/11/2022	10:37	E84167
1052	SODIUM	160	MG/L	39.6		200.7	0.034	01/12/2022	15:34	E84167
1074	ANTIMONY	0.006	MG/L	0.00226	U	SM3113B	0.00226	01/20/2022	17:36	E84167
1075	BERYLLIUM	0.004	MG/L	0.002		200.7	0.000078	01/12/2022	15:34	E84167
1085	THALLIUM	0.002	MG/L	0.000981	U	200.9	0.000981	01/13/2022	17:14	E84167