

**ANNUAL DRINKING WATER QUALITY DATA  
For  
THE CONSUMER CONFIDENCE REPORT  
CALENDAR YEAR 2021**

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 23, 2022

## **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includes a diversion schedule that determines when withdrawals can occur and the amount of river water that can be withdrawn by the Facility.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 powdered 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](mailto: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 1<sup>st</sup> to December 31<sup>st</sup>, 2021. 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 2021.

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 1/1/21 – 12/31/21. 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: 21010456-001

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	0.326		300.0	0.020	1/11/2021	20:49	E84167
1041	Nitrite (as N)	1	mg/L	0.020	U	300.0	0.020	1/11/2021	20:49	E84167
1005	Arsenic	0.010	mg/L	0.00069	U	SM3113B	0.00069	1/12/2021	14:33	E84167
1010	Barium	2	mg/L	0.009		200.7	0.002	1/12/2021	12:31	E84167
1015	Cadmium	0.005	mg/L	0.002	I	200.7	0.0009	1/12/2021	12:31	E84167
1020	Chromium	0.1	mg/L	0.002	U	200.7	0.002	1/12/2021	12:31	E84167
1024	Cyanide	0.2	mg/L	0.005	U	335.4	0.005	1/15/2021	17:09	E84167
1025	Fluoride	4.0	mg/L	0.287		300.0	0.030	1/14/2021	05:18	E84167
1030	Lead	0.015	mg/L	0.00067	U	SM3113B	0.00067	1/14/2021	14:23	E84167
1035	Mercury	0.002	mg/L	0.000198	U	245.1	0.000198	1/12/2021	13:24	E84167
1036	Nickel	0.1	mg/L	0.00118	U	200.7	0.00118	1/12/2021	12:31	E84167
1045	Selenium	0.05	mg/L	0.00157	U	SM3113B	0.00157	1/14/2021	10:53	E84167
1052	Sodium	160	mg/L	41.2		200.7	0.034	1/12/2021	12:31	E84167
1074	Antimony	0.006	mg/L	0.00226	U	SM3113B	0.00226	1/15/2021	15:22	E84167
1075	Beryllium	0.004	mg/L	0.000078	U	200.7	0.000078	1/12/2021	12:31	E84167
1085	Thallium	0.002	mg/L	0.000981	U	200.9	0.000981	1/13/2021	11:06	E84167
1094	Asbestos	7 MFL	MFL	0.20	U	100.2	0.20	1/12/2021	13:10	E86772

## **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 1/1/21 – 12/31/21. 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: 21010456-001

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	1/18/2021	19:34	E84167
2380	cis-1,2-Dichloroethylene	70	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2955	Xylenes (total)	10,000	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2964	Dichloromethane	5	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2968	o-Dichlorobenzene	600	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2969	para-Dichlorobenzene	75	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2976	Vinyl Chloride	1	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2977	1,1-Dichloroethylene	7	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2979	trans-1,2-Dichloroethylene	100	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2980	1,2-Dichloroethane	3	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2981	1,1,1-Trichloroethane	200	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2982	Carbon tetrachloride	3	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2983	1,2-Dichloropropane	5	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2984	Trichloroethylene	3	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2985	1,1,2-Trichloroethane	5	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2987	Tetrachloroethylene	3	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2989	Monochlorobenzene	100	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2990	Benzene	1	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2991	Toluene	1,000	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2992	Ethylbenzene	700	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	E84167
2996	Styrene	100	µg/L	0.5	U	524.2	0.5	0.5	1/18/2021	19:34	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 1/1/21 - 12/31/21. 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.

### 2021 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	.08	100
March	.10	.08	100
April	.14	.11	100
May	.13	.11	100
June	.13	.11	100
July	.12	.11	100
August	.13	.11	100
September	.13	.11	100
October	.13	.10	100
November	.11	.09	100
December	.14	.09	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 1/1/21 - 12/31/21. Test results for these parameters resulted in **no violations**.

### Peace River Facility Microbiological Summary Table 2021

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 1/1/21 - 12/31/21 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**

<b>SYSTEM INFORMATION</b>		<b>QUARTERLY REPORTING PERIOD:</b> 4th quarter	<b>YEAR:</b> 2021
<b>PWS NAME:</b> Peace River/Manasota Regional Water Supply Authority			
<b>PWS ID NUMBER:</b> 6142734		<b>COUNTY:</b> Desoto	
<b>CONTACT PERSON:</b> Mike Chell		<b>PHONE NUMBER:</b> (863) 993-4565	
<b>E-MAIL ADDRESS (optional):</b>		<b>FAX NUMBER (optional):</b> (863) 993-4568	

<b>DISINFECTANT RESIDUAL COMPLIANCE SUMMARY</b>												
Last 12 Months	1	2	3	4	5	6	7	8	9	10	11	12
Actual Month/Year	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
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	12	15	12	12	15
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)	3.84	3.93	3.85	3.48	3.42	2.91	3.51	3.77	3.45	3.82	3.43	3.63
Calculate the Running Annual Average (RAA) (i.e., calculate the arithmetic average of the monthly averages for the last 12 months)												3.59
Does the RAA violate the Maximum Residual Disinfectant Level of 4.0 mg/l? (YES/NO)												<b>NO</b>

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

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

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

Attach additional sheets if necessary.

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

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

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

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

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

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

## **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 1/1/21 – 12/31/21 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
<b>Actual Month/Year</b>	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
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	16.1	15.7	14.4	13.5	15.4	22.3	12	13.8	16.3	14.6	15.3	18.7
Treated Water TOC Monthly Arithmetic Average	4.53	4.78	3.61	3.82	3.68	4.72	3.53	3.2	3.92	3	3.9	4.63
Actual % TOC Removed *	72	70	75	72	76	79	71	77	76	79	75	75
% TOC Removed Quarterly Arithmetic Average			72			76			74			76
% TOC Removed 12 Month Running Arithmetic Average						74			74			75
Required % Removal	50	50	50	50	40	40	40	40	40	50	50	50
Monthly Actual/Required Ratio	1.44	1.39	1.50	1.43	1.90	1.97	1.76	1.92	1.90	1.59	1.49	1.50
Quarterly Average of Actual/Required Ratio			1.442			1.769			1.861			1.528
Running 12 Month Actual/Required Ratio												1.650

Does the system meet the enhanced coagulation or enhanced softening % removal requirements in 40 CFR 141.135(b) (2) or (3) for the past four quarters? (Yes/No)	<b>YES</b>
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\*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 1/1/21 – 12/31/21 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 2021

\*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.

<b>TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>										
Monitoring Location*	DOH Lab Certification No.	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago	TTHM LRAA (µg/L)	TTHM OE Value (µg/L)
		No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/da/yr)	TTHM Sample Result (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)		
					A	B	C	D		
Peace River Facility (Finished- POE)	E84167	1	1/11/2021	48.7	48.7	38.0	24.3	37.9	37.23	39.93
Charlotte County Utility 10"	E84167	1	1/11/2021	46.9	46.9	41.5	22.5	36.0	36.73	39.45
Carlton 42" (NRTM)	E84167	1	1/11/2021	44.2	44.2	38.2	29.9	35.3	36.9	39.13
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.

<b>HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>										
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	1/11/2021	31.6	31.6	23.8	10.8	15.4	20.4	20.45
Charlotte County Utility 10"	E84167	1	1/11/2021	21.0	21.0	22.7	9.84	14.6	17.04	18.64
Carlton 42" (NRTM)	E84167	1	1/11/2021	25.0	25.0	20.8	10.8	15.5	18.03	20.4
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/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 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.

<b>QUARTERLY MONITORING PERIOD*: April- June 2021</b>
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\*Indicate the quarterly monitoring period by months and year (e.g., April-June 2012).

<b>SYSTEM INFORMATION</b>
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PWS ID Number: 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:

- |  |  |
|--|--|
| <input type="checkbox"/> 500 – 3,300                 | <input type="checkbox"/> 250,000 – 999,999     |
| <input type="checkbox"/> 3,301 – 9,999               | <input type="checkbox"/> 1,000,000 – 4,999,999 |
| <input type="checkbox"/> 10,000 – 49,999             | <input type="checkbox"/> ≥ 5,000,000           |
| <input checked="" type="checkbox"/> 50,000 – 249,999 |  |

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.

<b>TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>										
Monitoring Location*	DOH Lab Certification No.	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago	TTHM LRAA (µg/L)	TTHM OE Value (µg/L)
		No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/da/yr)	TTHM Sample Result (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)			
					A	B	C	D		
Peace River Facility (Finished- POE)	E84167	1	4/08/2021	25.7	25.7	48.7	38.0	24.3	34.2	34.5
Charlotte County Utility 10"	E84167	1	4/08/2021	24.3	24.3	46.9	41.5	22.5	33.8	34.3
Carlton 42" (NRTM)	E84167	1	4/08/2021	24.3	24.3	44.2	38.2	29.9	34.2	32.8
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.

<b>HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>										
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		
Peace River Facility (Finished- POE)	E84167	1	4/08/2021	25.8	25.8	31.6	23.8	10.8	23.0	26.8
Charlotte County Utility 10"	E84167	1	4/08/2021	30.9	30.9	21.0	22.7	9.84	21.1	26.4
Carlton 42" (NRTM)	E84167	1	4/08/2021	35.8	35.8	25.0	20.8	10.8	23.1	29.4
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/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 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.

<b>QUARTERLY MONITORING PERIOD*: July- September 2021</b>
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\*Indicate the quarterly monitoring period by months and year (e.g., April-June 2012).

<b>SYSTEM INFORMATION</b>
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PWS ID Number: 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:

- |  |  |
|--|--|
| <input type="checkbox"/> 500 – 3,300                 | <input type="checkbox"/> 250,000 – 999,999     |
| <input type="checkbox"/> 3,301 – 9,999               | <input type="checkbox"/> 1,000,000 – 4,999,999 |
| <input type="checkbox"/> 10,000 – 49,999             | <input type="checkbox"/> ≥ 5,000,000           |
| <input checked="" type="checkbox"/> 50,000 – 249,999 |  |

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.

<b>TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>										
Monitoring Location*	DOH Lab Certification No.	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago	TTHM LRAA (µg/L)	TTHM OE Value (µg/L)
		No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/da/yr)	TTHM Sample Result (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)		
Peace River Facility (Finished- POE)	E84167	1	7/12/2021	24.6	24.6	25.7	48.7	38.0	34.25	30.9
Charlotte County Utility 10"	E84167	1	7/12/2021	25.4	25.4	24.3	46.9	41.5	34.53	30.5
Carlton 42" (NRTM)	E84167	1	7/12/2021	25.9	25.9	24.3	44.2	38.2	33.15	30.08
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.

<b>HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>										
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		
Peace River Facility (Finished- POE)	E84167	1	7/12/2021	11.6	11.6	25.8	31.6	23.8	20.4	20.45
Charlotte County Utility 10"	E84167	1	7/12/2021	12.7	12.7	30.9	21.0	22.7	17.04	18.64
Carlton 42" (NRTM)	E84167	1	7/12/2021	15.2	15.2	35.8	25.0	20.8	18.03	20.4
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/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 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.

<b>QUARTERLY MONITORING PERIOD*: October- December 2021</b>
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\*Indicate the quarterly monitoring period by months and year (e.g., April-June 2012).

<b>SYSTEM INFORMATION</b>
---------------------------

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.

<b>TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>										
Monitoring Location*	DOH Lab Certification No.	This Quarter				Previous Quarter	2 Quarters Ago	3 Quarters Ago	TTHM LRAA (µg/L)	TTHM OE Value (µg/L)
		No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/da/yr)	TTHM Sample Result (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)	TTHM Locational Quarterly Average (µg/L)		
					A	B	C	D		
Peace River Facility (Finished- POE)	E84167	1	10/11/2021	25.2	25.2	24.6	25.7	48.7	31.05	25.18
Charlotte County Utility 10"	E84167	1	10/11/2021	24.8	24.8	25.4	24.3	46.9	30.35	24.82
Carlton 42" (NRTM)	E84167	1	10/11/2021	25.4	25.4	25.9	24.3	44.2	29.95	25.25
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.

<b>HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>										
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	10/11/2021	17.7	17.7	11.6	25.8	31.6	21.68	18.2
Charlotte County Utility 10"	E84167	1	10/11/2021	21.6	21.6	12.7	30.9	21.0	21.55	21.7
Carlton 42" (NRTM)	E84167	1	10/11/2021	14.8	14.8	15.2	35.8	25.0	22.7	20.15
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/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 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 1/1/21 – 12/31/21 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: 21010456-001

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	0.326		300.0	0.020	1/11/2021	20:49	E84167
1041	Nitrite (as N)	1	mg/L	0.020	U	300.0	0.020	1/11/2021	20:49	E84167
1005	Arsenic	0.010	mg/L	0.00069	U	SM3113B	0.00069	1/12/2021	14:33	E84167
1010	Barium	2	mg/L	0.009		200.7	0.002	1/12/2021	12:31	E84167
1015	Cadmium	0.005	mg/L	0.002	I	200.7	0.0009	1/12/2021	12:31	E84167
1020	Chromium	0.1	mg/L	0.002	U	200.7	0.002	1/12/2021	12:31	E84167
1024	Cyanide	0.2	mg/L	0.005	U	335.4	0.005	1/15/2021	17:09	E84167
1025	Fluoride	4.0	mg/L	0.287		300.0	0.030	1/14/2021	05:18	E84167
1030	Lead	0.015	mg/L	0.00067	U	SM3113B	0.00067	1/14/2021	14:23	E84167
1035	Mercury	0.002	mg/L	0.000198	U	245.1	0.000198	1/12/2021	13:24	E84167
1036	Nickel	0.1	mg/L	0.00118	U	200.7	0.00118	1/12/2021	12:31	E84167
1045	Selenium	0.05	mg/L	0.00157	U	SM3113B	0.00157	1/14/2021	10:53	E84167
1052	Sodium	160	mg/L	41.2		200.7	0.034	1/12/2021	12:31	E84167
1074	Antimony	0.006	mg/L	0.00226	U	SM3113B	0.00226	1/15/2021	15:22	E84167
1075	Beryllium	0.004	mg/L	0.000078	U	200.7	0.000078	1/12/2021	12:31	E84167
1085	Thallium	0.002	mg/L	0.000981	U	200.9	0.000981	1/13/2021	11:06	E84167
1094	Asbestos	7 MFL	MFL	0.20	U	100.2	0.20	1/12/2021	13:10	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 6, 2021

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:

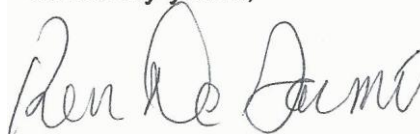
This letter is to certify that limits on levels of the above contaminates are as follows:

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  
62-550.310(4)(b)

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

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	E83079
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	1.7	U	1613B	1.7	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.

**Qualifier Explanation:**

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

C1= Estimated value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

C16 = Estimated Value. The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.

# 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.

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

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

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

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

N	Presumptive evidence of presence of material. This qualifier shall be used if the component has been tentatively identified based on mass spectral library search; or there is an indication that the analyte is present, but quality control requirements for confirmation were not met (i.e., presence of analyte was not confirmed by alternative procedures).
O	Sampled, but analysis lost or not performed.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
Z	Too many colonies were present for accurate counting. Historically, this condition has been reported as "too numerous to count" (TNTC). The "Z" qualifier code shall be reported when the total number of colonies of all types is more than 200 in all dilutions of the sample. When applicable to the observed test results, a numeric value for the colony count for the microorganism tested shall be estimated from the highest dilution factor (smallest sample volume) used for the test and reported with the qualifier code.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
The following codes (J,Q,R,Y) <b>MAY OR MAY NOT BE ACCEPTABLE</b> for use with results submitted for compliance with 62-550 and 62-555, depending on the parameter(s) and/or the circumstances. Results with these codes will be evaluated on a case by case basis.	
<b>SYMBOL</b>	<b>MEANING</b>
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.

**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.





**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

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SUBJECT: Lead and Copper analysis results Quarter 3 2020

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

Drinking Water analysis for Lead and Copper:

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

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

### What Does This Mean?

Under the authority of the Safe Drinking Water Act, the U.S. Environmental Protection Agency (EPA) set the action level for lead in drinking water at 15 ppb. This means utilities must ensure that water from the customer's tap does not exceed this level in at least 90 percent of the homes sampled (90th percentile value). The action level is *the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow*. If water from the tap does exceed this limit, then the utility must take certain steps to

correct the problem. Because lead may pose serious health risks, the EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. The MCLG is *the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.*

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

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

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

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

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

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

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

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

#### **For More Information**

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

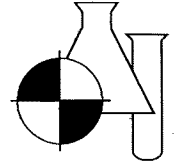
## **SECONDARY CONTAMINANTS**

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

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**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 1/1/21 – 12/31/21

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

	<b>No. of Samples</b>	<b>Minimum (PCi/L)</b>	<b>Maximum (PCi/L)</b>	<b>Average (PCi/L)</b>	<b>MCL (PCi/L)</b>
Gross Alpha	12	1.6	2.7	2.1	15
Radium 226	12	.2	.8	.5	5
Radium 228	12	.6	1.3	.8	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 1/1/21 – 12/31/21. These test results show **no violations** occurred during this period.

<b>Date</b>	<b>Arsenic (ug/l)</b>	<b>Sodium (mg/l)</b>	<b>MCL Arsenic (ug/l)</b>	<b>MCL Sodium (mg/l)</b>
January	.69 U	39.6	10	160
February	.69 U	40.4	10	160
March	1.0 I	41.8	10	160
April	1.0 I	45.0	10	160
May	2.0 I	49.0	10	160
June	.69 U	46.8	10	160
July	.69 U	33.5	10	160
August	.69 U	39.8	10	160
September	.69 U	34.6	10	160
October	.69 U	40.0	10	160
November	.69 U	41.4	10	160
December	.69 U	40.1	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 1/1/20 – 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 2029.

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

INORGANIC CONTAMINANTS  
62-550.310(1)

Report Number / Job ID: 20010285-001

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	0.403		300.0	0.020	1/8/2020	16:55	E84167
1041	Nitrite (as N)	1	mg/L	0.020	U	300.0	0.020	1/8/2020	16:55	E84167
1005	Arsenic	0.010	mg/L	0.001	I	SM3113B	0.00069	1/11/2020	10:59	E84167
1010	Barium	2	mg/L	0.008		200.7	0.002	1/9/2020	10:52	E84167
1015	Cadmium	0.005	mg/L	0.0009	U	200.7	0.0009	1/9/2020	10:52	E84167
1020	Chromium	0.1	mg/L	0.002	U	200.7	0.002	1/9/2020	10:52	E84167
1024	Cyanide	0.2	mg/L	0.005	U	335.4	0.005	1/16/2020	10:15	E84167
1025	Fluoride	4.0	mg/L	0.169		300.0	0.030	1/10/2020	12:50	E84167
1030	Lead	0.015	mg/L	0.00067	U	SM3113B	0.00067	1/9/2020	10:22	E84167
1035	Mercury	0.002	mg/L	0.000198	U	245.1	0.000198	1/17/2020	13:16	E84167
1036	Nickel	0.1	mg/L	0.002	I	200.7	0.00118	1/9/2020	10:52	E84167
1045	Selenium	0.05	mg/L	0.00157	U	SM3113B	0.00157	1/18/2020	15:00	E84167
1052	Sodium	160	mg/L	40.4		200.7	0.034	1/9/2020	10:52	E84167
1074	Antimony	0.006	mg/L	0.00226	U	SM3113B	0.00226	1/18/2020	11:11	E84167
1075	Beryllium	0.004	mg/L	0.000078	U	200.7	0.000078	1/9/2020	10:52	E84167
1085	Thallium	0.002	mg/L	0.000981	U	200.9	0.000981	1/18/2020	17:06	E84167
1094	Asbestos	7 MFL	MFL	0.20	U	100.2	0.20	1/14/2020		E86772