

# PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

Serving the Citizens of Charlotte, DeSoto, Manatee & Sarasota Counties since 1982

HON. ROBERT SKIDMORE  
CHARLOTTE COUNTY

HON. ELTON A. LANGFORD  
DESOTO COUNTY

HON. JOHN R. CHAPPIE  
MANATEE COUNTY


HON. JON THAXTON  
SARASOTA COUNTY

PATRICK J. LEHMAN, P.E., EXECUTIVE DIRECTOR

## MEMORANDUM

January 22, 2013

TO: Keisha Cureton Aqua America  
Steve Kipfinger Charlotte County Utilities  
Jerry Manning North Port Utilities  
Eddie Miller Desoto County Utilities  
Mike Cravens Sarasota County Utilities  
Ed Watson DEP Tampa  
James Oni DEP Ft Myers

 FROM: Sam Stone  
Land and Environmental Services Manager

RE: Annual Water Quality Data for the Consumer Confidence Report  
Calendar Year 2012

---

Enclosed is the water quality data, collected by the Authority, for the Consumer Confidence Report / Calendar Year 2012. In addition to the water quality data, the Authority has included information about our source water, and the FDEP Source Water Assessment Project.

This submittal is generic in content, so that one version can be distributed to all the Authority's wholesale customers. This submittal contains all the required data that meets the rule criteria for the reporting year 2012. Also the Authority elected to include all contaminants, even though they are not required to be reported.

Should you require additional information about this submittal please contact me by phone at 863-491-7567 or email [ssstone@regionalwater.org](mailto:ssstone@regionalwater.org).

xc: Mike Coates  
Richard Anderson

**ANNUAL DRINKING WATER QUALITY DATA  
For  
THE CONSUMER CONFIDENCE REPORT  
CALENDAR YEAR 2012**

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

AQUA UTILITIES FLORIDA  
CHARLOTTE COUNTY UTILITIES  
DESOTO COUNTY UTILITIES  
NORTH PORT UTILITIES  
SARASOTA COUNTY UTILITIES

January 22, 2013

## **SOURCE OF SUPPLY**

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

The Florida Department of Environmental Protection has conducted Source Water Assessments for all public water systems in Florida. These assessments will identify and assess any potential sources of contamination in the vicinity of your water supply. A Source Water Assessment Report for our system was completed in 2005 and is available at the DEP Source Water Assessment and Protection Program web site: <http://www.dep.state.fl.us/swapp>

## **Water Treatment Information**

The Peace River Regional Water Supply Facility (Facility) is authorized to withdraw water from the Peace River by a water use permit issued by the Southwest Florida Water Management District. This permit includes a diversion schedule that determines when withdrawals can occur and the amount of river water that can be withdrawn by the Facility. When the river flow is high during the wet season the Facility will withdraw river water and store that water in an off-stream surface water reservoir. During dry periods the Facility will rely on stored reserves from the reservoir. 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, disinfection with chlorine and chloramines, filtration by rapid rate multi-media filters and pH adjustment with caustic soda before being distributed to the public.

## UTILITY OWNER INFORMATION

If you have any questions about drinking water quality, provided by the Peace River Manasota Regional Water Supply Authority (Authority) in this Consumer Confidence Report, Annual Drinking Water Quality Data please contact Samuel S. Stone, Land and Environmental Services Manager by phone at 863-491-7567 or by e-mail at [sstone@regionalwater.org](mailto:sstone@regionalwater.org). We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled Board of Directors meetings. These meetings are typically held on the first Wednesday of every other month. The meeting locations rotate between the County Commission Chambers of Charlotte, Desoto, Manatee, or Sarasota Counties at 9:30 am. For information on a specific meeting, please contact the Authority Administrative office by phone at 941-316-1776 or log on to our web site at [www.regionalwater.org](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>, 2012. These same regulations require monitoring to occur in 9 year compliance cycles, made up of three, three year compliance periods. These three year compliance periods result in some contaminants being monitored once every three years, and may require some contaminant test results to be reported in this document from years other than calendar year 2012.

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

Please note that it is not required, but the Authority has provided all chemical contaminant test results during this period.

## PRIMARY INORGANIC CONTAMINANTS

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

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

**INORGANIC ANALYSIS**

62-550.310 (1)

REPORT NUMBER: 12010885 001

SYSTEM NAME: Peace R.F. Finish Lab Tap

SYSTEM ID:

I.D.	Parameter NAME	(MCL)	UNITS	ANALYSIS		QUALIFIER	METHOD	MDL	DATE		LAB ID
				RESULT					ANALYZED	TIME	
	TOTAL KJELDAHL NITROGEN		MG/L	1.05			351.2	0.05	01/25/2012	11:00	E84167
	TOTAL NITROGEN		MG/L	1.38			300+351.2	0.060	01/25/2012	11:00	E84167
✓ 1040	NITRATE NITROGEN	10	MG/L	0.326			300.0	0.060	01/23/2012	19:20	E84167
✓ 1041	NITRITE NITROGEN	1.0	MG/L	0.041		U	300.0	0.041	01/23/2012	19:20	E84167
✓ 1038	NITRATE+NITRITE AS N	10	MG/L	0.326			300.0	0.060	01/23/2012	19:20	E84167
✓ 1005	ARSENIC	0.010	MG/L	0.00069		U	SM3113B	0.00069	02/09/2012	14:25	E84167
✓ 1010	BARIUM	2	MG/L	0.011			200.7	0.002	02/07/2012	12:44	E84167
✓ 1015	CADMIUM	0.005	MG/L	0.0009		U	200.7	0.0009	02/07/2012	12:44	E84167
✓ 1020	CHROMIUM	0.1	MG/L	0.002		U	200.7	0.002	02/07/2012	12:44	E84167
✓ 1024	CYANIDE	0.2	MG/L	0.005		U	335.4	0.005	02/02/2012	14:21	E84167
✓ 1025	FLUORIDE	4.0	MG/L	0.187			300.0	0.030	01/26/2012	13:52	E84167
✓ 1030	LEAD	0.015	MG/L	0.00067		U	SM3113B	0.00067	02/07/2012	11:27	E84167
✓ 1035	MERCURY	0.002	MG/L	0.000198		U	245.1	0.000198	01/25/2012	10:00	E84167
✓ 1036	NICKEL	0.1	MG/L	0.00118		U	200.7	0.00118	02/07/2012	12:44	E84167
✓ 1045	SELENIUM	0.05	MG/L	0.00157		U	SM3113B	0.00157	02/10/2012	13:28	E84167
✓ 1052	SODIUM	160	MG/L	49.4			200.7	0.034	02/07/2012	12:44	E84167
✓ 1074	ANTIMONY	0.006	MG/L	0.00226		U	SM3113B	0.00226	02/13/2012	15:46	E84167
✓ 1075	BERYLLIUM	0.004	MG/L	0.000078		U	200.7	0.000078	02/07/2012	12:44	E84167
✓ 1085	THALLIUM	0.002	MG/L	0.000981		U	200.9	0.000981	02/16/2012	10:44	E84167

**DATA QUALIFIERS THAT MAY APPLY:**

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

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

*Results relate only to the samples.*

**NOTES:**

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

## VOLATILE ORGANIC CONTAMINANTS

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



**VOLATILE ORGANICS**

62-550.310 (4) (A)

REPORT NUMBER: 12010885 001

SYSTEM NAME: Peace R.F. Finish Lab Tap

SYSTEM ID:

I.D.	Parameter NAME	(MCL)	ANALYSIS		QUALIFIER	METHOD	MDL	DATE	TIME	LAB ID
			UNITS	RESULT						
2378	1,2,4-TRICHLOROBENZENE	70	UG/L	0.15	U	524.2	0.15	01/24/2012	20:04	E84167
2380	CIS-1,2-DICHLOROETHYLENE	70	UG/L	0.11	U	524.2	0.11	01/24/2012	20:04	E84167
2955	XYLENES, TOTAL	10000	UG/L	0.13	U	524.2	0.13	01/24/2012	20:04	E84167
2964	DICHLOROMETHANE	5	UG/L	0.20	U	524.2	0.20	01/24/2012	20:04	E84167
2968	O-DICHLOROBENZENE	600	UG/L	0.11	U	524.2	0.11	01/24/2012	20:04	E84167
2969	P-DICHLOROBENZENE	75	UG/L	0.10	U	524.2	0.10	01/24/2012	20:04	E84167
2976	VINYL CHLORIDE	1	UG/L	0.15	U	524.2	0.15	01/24/2012	20:04	E84167
2977	1,1-DICHLOROETHENE	7	UG/L	0.11	U	524.2	0.11	01/24/2012	20:04	E84167
2979	TRANS-1,2-DICHLOROETHENE	100	UG/L	0.12	U	524.2	0.12	01/24/2012	20:04	E84167
2980	1,2-DICHLOROETHANE	3	UG/L	0.16	U	524.2	0.16	01/24/2012	20:04	E84167
2981	1,1,1-TRICHLOROETHANE	200	UG/L	0.10	U	524.2	0.10	01/24/2012	20:04	E84167
2982	CARBON TETRACHLORIDE	3	UG/L	0.20	U	524.2	0.20	01/24/2012	20:04	E84167
2983	1,2-DICHLOROPROPANE	5	UG/L	0.15	U	524.2	0.15	01/24/2012	20:04	E84167
2984	TRICHLOROETHENE	3	UG/L	0.12	U	524.2	0.12	01/24/2012	20:04	E84167
2985	1,1,2-TRICHLOROETHANE	5	UG/L	0.14	U	524.2	0.14	01/24/2012	20:04	E84167
2987	TETRACHLOROETHENE	3	UG/L	0.20	U	524.2	0.20	01/24/2012	20:04	E84167
2989	MONOCHLOROBENZENE	100	UG/L	0.10	U	524.2	0.10	01/24/2012	20:04	E84167
2990	BENZENE	1	UG/L	0.12	U	524.2	0.12	01/24/2012	20:04	E84167
2991	TOLUENE	1000	UG/L	0.11	U	524.2	0.11	01/24/2012	20:04	E84167
2992	ETHYLBENZENE	700	UG/L	0.11	U	524.2	0.11	01/24/2012	20:04	E84167
2996	STYRENE	100	UG/L	0.10	U	524.2	0.10	01/24/2012	20:04	E84167

**DATA QUALIFIERS THAT MAY APPLY:**

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

**NOTES:**

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

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

Results relate only to the samples.

## TURBIDITY MONITORING

The monitoring of turbidity occurs at least 6 times per day as required by the regulations. The data provided represents the turbidity from the combined filtered water location at the Peace River Regional Water Supply Facility. Test results are for the period 1/1/12 - 12/31/12. The Peace River Facility combined filtered water turbidity never exceeded the MCL of 1.0 and did not fail to meet on a monthly basis, the requirement of less than or equal to .3 level at least 95% of the time.

### 2012 Combined Filtered Water Turbidity Data

Month	Maximum Daily Reading (NTU)	Monthly Average Reading (NTU)	Percentage of Samples Meeting .30 NTU Limit
January	.05	.02	100
February	.04	.02	100
March	.04	.02	100
April	.06	.02	100
May	.08	.03	100
June	.11	.03	100
July	.06	.02	100
August	.05	.02	100
September	.03	.02	100
October	.03	.02	100
November	.04	.02	100
December	.04	.02	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 1/1/12 - 12/31/12. Test results for these parameters resulted in **no violations**. The highest number of positive results for any month during this reporting period is one. For the year, 163 total samples were collected with one positive sample for Total Coliform.

### Peace River Facility Microbiological Summary Table 2012

Months	Total Number of Samples Collected	Number of Positive Total Coliform Samples	Number of Positive E. Coli Samples
January	12	0	0
February	15	0	0
March	12	0	0
April	12	0	0
May	12	0	0
June	15	0	0
July	12	0	0
August	11	0	0
September	15	1	0
October	12	0	0
November	19	0	0
December	16	0	0
Total	163	1	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 1/1/12-12/31/12 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>	QUARTERLY REPORTING PERIOD: 4th quarter	YEAR: 2012
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-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
Provide the number of disinfectant residual samples taken each month of the last quarter (include disinfectant residual samples taken for all total coliform samples, including repeat or additional total coliform samples)*	12	15	12	12	12	15	12	15	11	12	19	16
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)	3.44	3.64	3.59	3.56	3.53	3.57	3.77	3.77	3.83	3.81	3.83	3.74
Calculate the Running Annual Average (RAA) (i.e., calculate the arithmetic average of the monthly averages for the last 12 months)												
Does the RAA violate the Maximum Residual Disinfectant Level of 4.0 mg/l? (YES/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.												

## **Total Organic Carbon (TOC)**

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

Actual Month/Year	By Month for Past 12 Months											
	1	2	3	4	5	6	7	8	9	10	11	12
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	19.1	19.1	15.8	13.7	13.3	12.2	12.9	17.6	17.7	18	18.2	16
Treated Water TOC Monthly Arithmetic Average	4.11	4.27	4.02	4.52	4.14	3.94	3.91	5	4.56	5.15	4.98	4.26
Actual % TOC Removed *	78	78	75	67	69	68	70	72	74	71	73	73
% TOC Removed Quarterly Arithmetic Average			77			68			72			72
% TOC Removed 12 Month Running Arithmetic Average						72			72			72
Required % Removal	50	50	50	50	50	50	50	50	50	50	50	50
Monthly Actual/Required Ratio	1.57	1.55	1.49	1.72	1.68	1.88	1.68	1.43	1.50	1.43	1.45	1.47
Quarterly Average of Actual/Required Ratio			1.538			1.757			1.552			1.449
Running 12 Month Actual/Required Ratio												1.574

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

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

$$(1 - 5.15 / 18.0) \times 100 =$$

$$(1 - \text{Treated water TOC} / \text{source water TOC}) \times 100 = \text{Actual M} / (1 - 4.98 / 18.2) \times 100 =$$

$$\text{Removal Ratio} = \text{Calculated Monthly TOC \% Removal} / \text{Required} (1 - 4.26 / 16) \times 100 =$$

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

**Peace River Facility  
THM and HAA Results**

**See Summary Table Attached**



**DISINFECTION BYPRODUCTS (TOTAL TRIHALOMETHANES [TTHMs] AND HALOACETIC ACIDS FIVE [HAA5s])  
REPORTING FORMAT**

MONITORING FREQUENCY: <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY		YEAR: 2012
QUARTERLY REPORTING PERIOD: 1st		
<b>SYSTEM INFORMATION</b>		
PWS NAME: Peace River/Manasota Reg. Water Supply Authority		
PWS ID NUMBER: 6142734		
COUNTY: Desoto		
CONTACT PERSON: Richard Anderson		
PHONE NUMBER : 863-993-4565		
E-MAIL ADDRESS (optional):randerson@regionawater.org		
FAX NUMBER (optional): 863-993-4568		

TTHM/HAA5 COMPLIANCE SUMMARY FOR PWSs MONITORING ON A QUARTERLY OR MORE FREQUENT BASIS									
TTHM COMPLIANCE SUMMARY			HAA5 COMPLIANCE SUMMARY						
Last Four Quarters	QTR 1	QTR 2	QTR 3	QTR 4	Last Four Quarters	QTR 1	QTR 2	QTR 3	QTR 4
Actual Quarter/Year	2/11	3/11	4/11	1/12	Actual Quarter/Year	2/11	3/11	4/11	1/12
Provide the number of TTHM samples taken during the last quarter*				4	Provide the number of HAA5 samples taken during the last quarter*				4
Provide the arithmetic average of all TTHM samples taken in each quarter for the last four quarters	.020	.019	.030	.029	Provide the arithmetic average of all HAA5 samples taken in each quarter for the last four quarters	.011	.015	.026	.025
Calculate the Running Annual Average (RAA) for TTHMs (i.e., calculate the arithmetic average of the quarterly arithmetic averages for the last four quarters)	.025				Calculate the Running Annual Average (RAA) for HAA5s (i.e., calculate the arithmetic average of the quarterly arithmetic averages for the last four quarters)	.019			
Does the RAA for TTHMs violate the Maximum Contaminant Level of 0.080 mg/L for TTHMs? (YES/NO)	NO				Does the RAA for HAA5s violate the Maximum Contaminant Level of 0.060 mg/L for HAA5s? (YES/NO)	NO			

\*Also, for each sample taken during the last quarter, provide the information requested in the tables on pages 3 and 4 of this format

**DISINFECTION BYPRODUCTS (TOTAL TRIHALOMETHANES [TTHMs] AND HALOACETIC ACIDS FIVE [HAA5s])  
REPORTING FORMAT**

MONITORING FREQUENCY: <input checked="" type="checkbox"/> QUARTERLY <input type="checkbox"/> ANNUALLY		YEAR: 2012
QUARTERLY REPORTING PERIOD: 2cnd		
<b>SYSTEM INFORMATION</b>		
PWS NAME: Peace River/Manasota Reg. Water Supply Authority		
PWS ID NUMBER: 6142734		
COUNTY: Desoto		
CONTACT PERSON: Richard Anderson		
PHONE NUMBER : 863-993-4565		
E-MAIL ADDRESS (optional):randerson@regionawater.org		
FAX NUMBER (optional): 863-993-4568		

TTHM/HAA5 COMPLIANCE SUMMARY FOR PWSs MONITORING ON A QUARTERLY OR MORE FREQUENT BASIS									
TTHM COMPLIANCE SUMMARY			HAA5 COMPLIANCE SUMMARY						
Last Four Quarters	QTR 1	QTR 2	QTR 3	QTR 4	Last Four Quarters	QTR 1	QTR 2	QTR 3	QTR 4
Actual Quarter/Year	3/11	4/11	1/12	4/12	Actual Quarter/Year	3/11	4/11	1/12	4/12
Provide the arithmetic average of all TTHM samples taken in each quarter for the last four quarters				4	Provide the number of HAA5 samples taken during the last quarter*				4
Calculate the Running Annual Average (RAA) for TTHMs (i.e., calculate the arithmetic average of the quarterly arithmetic averages for the last four quarters)	.019	.030	.029	.033	Provide the arithmetic average of all HAA5 samples taken in each quarter for the last four quarters	.011	.015	.025	.022
Does the RAA for TTHMs violate the Maximum Contaminant Level of 0.080 mg/L for TTHMs? (YES/NO)	NO				Calculate the Running Annual Average (RAA) for HAA5s (i.e., calculate the arithmetic average of the quarterly arithmetic averages for the last four quarters)				
Does the RAA for HAA5s violate the Maximum Contaminant Level of 0.060 mg/L for HAA5s? (YES/NO)	NO				Does the RAA for HAA5s violate the Maximum Contaminant Level of 0.060 mg/L for HAA5s? (YES/NO)	NO			

\*Also, for each sample taken during the last quarter, provide the information requested in the tables on pages 3 and 4 of this format

**TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY**

Monitoring Location*	This Quarter			Previous Quarter			2 Quarters Ago		3 Quarters Ago		TTHM LRAA Value (mg/L) (2A+B+C)/4
	No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/day/yr)	TTHM Sample Result (mg/L)	TTHM Locational Quarterly Average (mg/L) A	TTHM Locational Quarterly Average (mg/L) B	TTHM Locational Quarterly Average (mg/L) C	TTHM Locational Quarterly Average (mg/L) D	TTHM Locational Quarterly Average (mg/L)	TTHM LRAA (mg/L)		
PRF Finish- Lab	1	7/17/12	7/20/12	42.1	33.0						
LSRTM 10"	1	7/17/12	7/20/12	44.9	34.8						
NRTM 42"	1	7/17/12	7/20/12	41.2	30.7						
Desoto TM (Not required in IDSE)	1	7/17/12	7/20/12	44.0	34.8						
Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 0.080 mg/L? (YES/NO)											
Does the TTHM OE value at any monitoring location exceed 0.080 mg/L? (YES/NO)**											
if you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 mg/L at any monitoring location? (YES/NO/NA)***											

\* Location names or numbers should correspond to those in your Stage 2 D/DBPR compliance monitoring plan required under 40 CFR 141.622.  
 \*\* If any TTHM OE value at any location exceeds 0.080 mg/L, you must conduct an OE and submit an OE report in accordance with 40 CFR 141.626.  
 \*\*\* If any TTHM LRAA at any location exceeds 0.040 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

**HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY**

Monitoring Location*	This Quarter			Previous Quarter HAA5 Locational Quarterly Average (mg/L)	2 Quarters Ago HAA5 Locational Quarterly Average (mg/L)	3 Quarters Ago HAA5 Locational Quarterly Average (mg/L)	HAA5 LRAA (mg/L)  (A+B+C+D)/4	HAA5 OE Value (mg/L)  (2A+B+C)/4
	No. of HAA5 Samples Taken	Date Each HAA5 Sample Taken (mo/d/yr)	HAA5 Sample Result (mg/L)					
PRF Finish- Lab	1	7/17/12	7/21/12	10.8	21.6			
LSRTM 10"	1	7/17/12	7/21/12	27.5	22.2			
NRTM 42"	1	7/17/12	7/21/12	32.6	22.1			
Desoto TM (Not required in IDSE)	1	7/17/12	7/21/12	14.7	23.6			

Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 0.060 mg/L? (YES/NO)

Does the HAA5 OE value at any monitoring location exceed 0.060 mg/L? (YES/NO)\*\*

If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 0.030 mg/L at any monitoring location? (YES/NO/NA)\*\*\*

	NO
	NO
	N/A

\* Location names or numbers should correspond to those in your Stage 2 D/DBPR compliance monitoring plan required under 40 CFR 141.622.  
 \*\* If any HAA5 OE value at any location exceeds 0.060 mg/L, you must conduct an OE and submit an OE report in accordance with 40 CFR 141.626.  
 \*\*\* If any HAA5 LRAA at any location exceeds 0.030 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

<b>TTHM COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>										
Monitoring Location*	No. of TTHM Samples Taken	Date Each TTHM Sample Taken (mo/dayr)	This Quarter		Previous Quarter TTHM Locational Average (mg/L) B	2 Quarters Ago TTHM Locational Quarterly Average (mg/L) C	3 Quarters Ago TTHM Locational Quarterly Average (mg/L) D	TTHM LRAA (mg/L) (A+B+C+D)/4	TTHM OE Value (mg/L) (2A+B+C)/4	
			TTHM Sample Result (mg/L)	TTHM Locational Quarterly Average (mg/L) A						
PRF Finish- Lab	1	10/11/12	10/15/12	48.2	42.1	33.0				
LSRTM 10"	1	10/11/12	10/15/12	48.0	44.9	34.8				
NRTM 42"	1	10/11/12	10/15/12	46.6	41.2	30.7				
Desoto TM (Not required in IDSE)	1	10/11/12	10/15/12	50.9	44.0	34.8				
Does the TTHM LRAA at any monitoring location violate the TTHM MCL of 0.080 mg/L? (YES/NO)										NO
Does the TTHM OE value at any monitoring location exceed 0.080 mg/L? (YES/NO)**										NO
If you are on reduced quarterly monitoring, does the TTHM LRAA exceed 0.040 mg/L at any monitoring location? (YES/NO/NA)***										N/A

\* Location names or numbers should correspond to those in your Stage 2 D/DBPR compliance monitoring plan required under 40 CFR 141.622.  
 \*\* If any TTHM OE value at any location exceeds 0.080 mg/L, you must conduct an OE and submit an OE report in accordance with 40 CFR 141.626.  
 \*\*\* If any TTHM LRAA at any location exceeds 0.040 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

<b>HAA5 COMPLIANCE SUMMARY FOR SYSTEMS MONITORING QUARTERLY</b>									
Monitoring Location*	No. of HAA5 Samples Taken	This Quarter		HAA5 Locational Quarterly Average (mg/L)	Previous Quarter			HAA5 LRAA (mg/L)	HAA5 OE Value (mg/L)
		Date Each HAA5 Sample Taken (mo/da/yr)	HAA5 Sample Result (mg/L)		HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)	HAA5 Locational Quarterly Average (mg/L)		
PRF Finish- Lab	1	10/11/12	10/18/12	29.6	10.8	21.6			
LSRTM 10"	1	10/11/12	10/18/12	31.8	27.5	22.2			
NRTM 42"	1	10/11/12	10/18/12	36.3	32.6	22.1			
Desoto TM (Not required in IDSE)	1	10/11/12	10/18/12	51.6	14.7	23.6			
Does the HAA5 LRAA at any monitoring location violate the HAA5 MCL of 0.060 mg/L? (YES/NO) NO Does the HAA5 OE value at any monitoring location exceed 0.060 mg/L? (YES/NO)** NO If you are on reduced quarterly monitoring, does the HAA5 LRAA exceed 0.030 mg/L at any monitoring location? (YES/NO/NA)*** N/A									

\* Location names or numbers should correspond to those in your Stage 2 D/DBPR compliance monitoring plan required under 40 CFR 141.622.  
 \*\* If any HAA5 OE value at any location exceeds 0.060 mg/L, you must conduct an OE and submit an OE report in accordance with 40 CFR 141.626.  
 \*\*\* If any HAA5 LRAA at any location exceeds 0.030 mg/L, you must resume routine quarterly monitoring under 40 CFR 141.621.

**NITRATE NITROGEN  
And  
NITRITE NITROGEN**

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

**Peace River Facility  
Nitrate and Nitrite Summary Table  
2012**

Sample Date	Nitrate Results (mg/l)	Nitrite Results (mg/l)
First Quarter	.326	.041
Second Quarter	.060	.041
Third Quarter	.098	.041
Fourth Quarter	.261	.041

**INORGANIC ANALYSIS**

62-550.310 (1)

REPORT NUMBER: 12010885 001

SYSTEM NAME: Peace R.F. Finish Lab Tap

SYSTEM ID:

I.D.	Parameter NAME	(MCL)	UNITS	ANALYSIS		QUALIFIER	METHOD	MDL	DATE		LAB ID
				RESULT	MG/L				ANALYZED	ANALYZED	
	TOTAL KJELDAHL NITROGEN		MG/L	1.05	351.2		351.2	0.05	01/25/2012	11:00	E84167
	TOTAL NITROGEN		MG/L	1.38	300+351.2		300+351.2	0.060	01/25/2012	11:00	E84167
✓ 1040	NITRATE NITROGEN	10	MG/L	0.326	300.0		300.0	0.060	01/23/2012	19:20	E84167
✓ 1041	NITRITE NITROGEN	1.0	MG/L	0.041	300.0	U	300.0	0.041	01/23/2012	19:20	E84167
✓ 1038	NITRATE+NITRITE AS N	10	MG/L	0.326	300.0		300.0	0.060	01/23/2012	19:20	E84167
✓ 1005	ARSENIC	0.010	MG/L	0.00069	SM3113B	U	SM3113B	0.00069	02/09/2012	14:25	E84167
✓ 1010	BARIUM	2	MG/L	0.011	200.7		200.7	0.002	02/07/2012	12:44	E84167
✓ 1015	CADMIUM	0.005	MG/L	0.0009	200.7	U	200.7	0.0009	02/07/2012	12:44	E84167
✓ 1020	CHROMIUM	0.1	MG/L	0.002	200.7	U	200.7	0.002	02/07/2012	12:44	E84167
✓ 1024	CYANIDE	0.2	MG/L	0.005	335.4	U	335.4	0.005	02/02/2012	14:21	E84167
✓ 1025	FLUORIDE	4.0	MG/L	0.187	300.0		300.0	0.030	01/26/2012	13:52	E84167
✓ 1030	LEAD	0.015	MG/L	0.00067	SM3113B	U	SM3113B	0.00067	02/07/2012	11:27	E84167
✓ 1035	MERCURY	0.002	MG/L	0.000198	245.1	U	245.1	0.000198	01/25/2012	10:00	E84167
✓ 1036	NICKEL	0.1	MG/L	0.00118	200.7	U	200.7	0.00118	02/07/2012	12:44	E84167
✓ 1045	SELENIUM	0.05	MG/L	0.00157	SM3113B	U	SM3113B	0.00157	02/10/2012	13:28	E84167
✓ 1052	SODIUM	160	MG/L	49.4	200.7		200.7	0.034	02/07/2012	12:44	E84167
✓ 1074	ANTIMONY	0.006	MG/L	0.00226	SM3113B	U	SM3113B	0.00226	02/13/2012	15:46	E84167
✓ 1075	BERYLLIUM	0.004	MG/L	0.000078	200.7	U	200.7	0.000078	02/07/2012	12:44	E84167
✓ 1085	THALLIUM	0.002	MG/L	0.000981	200.9	U	200.9	0.000981	02/16/2012	10:44	E84167

**DATA QUALIFIERS THAT MAY APPLY:**

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

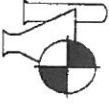
**For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986**

*Results relate only to the samples.*

**NOTES:**

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





FDOH Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769  
Arcadia, FL 34269  
Sam Stone

## ANALYTICAL TEST REPORT

### THESE RESULTS MEET NELAC STANDARDS

#### INORGANIC ANALYSIS

62-550.310 (1)

REPORT NUMBER: 12040492 001  
SYSTEM NAME: PR FAC  
SYSTEM ID:

I.D.	Parameter NAME	(MCL)	UNITS	ANALYSIS RESULT	QUALIFIER	METHOD	MDL	DATE		LAB ID
								ANALYZED	ANALYZED	
1040	NITRATE NITROGEN	10	MG/L	0.060	U	300.0	0.060	04/13/2012	17:54	E84167
1041	NITRITE NITROGEN	1.0	MG/L	0.041	U	300.0	0.041	04/13/2012	17:54	E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.060	U	300.0	0.060	04/13/2012	17:54	E84167

#### DATA QUALIFIERS THAT MAY APPLY:

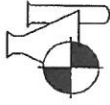
- I = Reported value is between the laboratory MDL and the PQL (PQL = 4 x MDL).
- J = Estimated value.
- J3 = Est. value quality control criteria for precision or accuracy not met.
- J4 = Est. value. Sample matrix interference suspected.
- Q = Sample held beyond accepted holdtime.
- U = Analyte analyzed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

#### NOTES:

- 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.
- MBAS calculated as LAS. molecular weight = 348.
- X = Value exceeds MCL.
- ND = Not Detected at or above adjusted reporting limit.

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

Results relate only to the samples.



FD0H Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769  
Arcadia, FL 34269  
Sam Stone

## ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

### INORGANIC ANALYSIS

62-650.310 (1)

REPORT NUMBER: 12070697 001

SYSTEM NAME: PR FAC

SYSTEM ID: 6142734

I.D.	Parameter NAME	(MCL)	UNITS	ANALYSIS RESULT	QUALIFIER	METHOD	MDL	DATE		TIME		LAB ID
								ANALYZED	ANALYZED	ANALYZED	ANALYZED	
1040	NITRATE NITROGEN	10	MG/L	0.098	I	300.0	0.060	07/18/2012	18:03			E84167
1041	NITRITE NITROGEN	1.0	MG/L	0.041	U	300.0	0.041	07/18/2012	18:03			E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.098	I	300.0	0.060	07/18/2012	18:03			E84167

#### DATA QUALIFIERS THAT MAY APPLY:

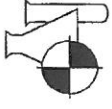
- I = Reported value is between the laboratory MDL and the PQL. (PQL = 4 x MDL).
- J = Estimated value.
- J3 = Est. value quality control criteria for precision or accuracy not met.
- J4 = Est. value. Sample matrix interference suspected.
- Q = Sample held beyond accepted holdtime.
- U = Analyte analyzed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

#### NOTES:

- 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.
- MBAS calculated as LAS; molecular weight = 348.
- X = Value exceeds MCL.
- ND = Not Detected at or above adjusted reporting limit.

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

Results relate only to the samples.



FDOH Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769  
Arcadia, FL 34269  
Sam Stone

## ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

### INORGANIC ANALYSIS

62-550.310 (1)

REPORT NUMBER: 12100474 001

SYSTEM NAME: PR FAC

SYSTEM ID: 6142734

I.D.	Parameter NAME	(MCL)	UNITS	ANALYSIS RESULT	QUALIFIER	METHOD	MDL	DATE		TIME		LAB ID
								ANALYZED	ANALYZED	ANALYZED	ANALYZED	
1040	NITRATE NITROGEN	10	MG/L	0.261		300.0	0.060	10/11/2012	18:17	18:17		E84167
1041	NITRITE NITROGEN	1.0	MG/L	0.041	U	300.0	0.041	10/11/2012	18:17	18:17		E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.261		300.0	0.060	10/11/2012	18:17	18:17		E84167

#### DATA QUALIFIERS THAT MAY APPLY:

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

#### NOTES:

- 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.
- MBAS calculated as LAS; molecular weight = 348.
- X = Value exceeds MCL.
- ND = Not Detected at or above adjusted reporting limit.

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

Results relate only to the samples.

## **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.

**KED Group, Inc.**  
10042 Lone Tree Lane  
Orlando, Florida 32836  
407-876-4021  
fax: 407-876-1832

December 13, 2012

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  
KED Group, Inc.

## **Synthetic Organic Chemicals**

These contaminants are required to be tested semi-annually every three years. Test results are for the period 1/1/11 – 12/31/11. 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.

**SYNTHETIC ORGANICS**

62-550.310 (4) (b)

REPORT NUMBER: 11010717 001

SYSTEM NAME: Primary&Secondary-Finish Water

SYSTEM ID: 6142734

**ADDED REPORT**

SEE ATTACHED NOTES

I.D.	Parameter NAME	(MCL)	UNITS	ANALYSIS		QUALIFIER	METHOD	MDL	DATE ANALYZED	TIME ANALYZED	LAB ID
				RESULT							
2005	ENDRIN	2.0	UG/L	0.0021		U	EPA 508.1	0.0021	02/04/2011	02:11	E83079
2010	GAMMA-BHC (LINDANE)	0.2	UG/L	0.0031		U	EPA 508.1	0.0031	02/04/2011	02:11	E83079
2015	METHOXYCHLOR	40	UG/L	0.015		U	EPA 508.1	0.015	02/04/2011	02:11	E83079
2020	TOXAPHENE	3.0	UG/L	0.63		U	EPA 508.1	0.63	02/04/2011	02:11	E83079
2031	DALAPON	200	UG/L	0.38 U		J	EPA 515.3	0.38	02/10/2011	10:08	E83079
2032	DIQUAT	20	UG/L	0.14		U	EPA 549.2	0.14	02/01/2011	21:40	E83079
2033	ENDOTHALL	100	UG/L	2.9		U	EPA 548.1	2.9	01/30/2011	14:05	E83079
2034	GLYPHOSATE	700	UG/L	2.1		U	EPA 547	2.1	01/28/2011	20:54	E83079
2035	DI(2-ETHYLHEXYL)ADIPATE	400	UG/L	0.4		U	EPA 525.2	0.4	02/03/2011	19:50	E83079
2036	OXAMYL	200	UG/L	0.41		U	EPA 531.1	0.41	02/02/2011	01:17	E83079
2037	SIMAZINE	4.0	UG/L	0.046		U	EPA 508.1	0.046	02/04/2011	02:11	E83079
2039	DI(2-ETHYLHEXYL)PHTHALATE	6.0	UG/L	0.52		U	EPA 525.2	0.52	02/03/2011	19:50	E83079
2040	PICLORAM	500	UG/L	0.05		U	EPA 515.3	0.05	02/10/2011	10:08	E83079
2041	DINoseb	7.0	UG/L	0.05		U	EPA 515.3	0.05	02/10/2011	10:08	E83079
2042	HEXACHLOROCYCLOPENTADIENE	50	UG/L	0.013		U	EPA 508.1	0.013	02/04/2011	02:11	E83079
2046	CARBOFURAN	40	UG/L	0.32		U	EPA 531.1	0.32	02/02/2011	01:17	E83079
2050	ATRAZINE	3.0	UG/L	0.022		U	EPA 508.1	0.022	02/04/2011	02:11	E83079
2051	ALACHLOR	2	UG/L	0.035		U	EPA 508.1	0.035	02/04/2011	02:11	E83079
2063	DIOXIN SCREEN	0.2	UG/L	ND			EPA 525.2		02/03/2011	19:50	E83079
2065	HEPTACHLOR	0.4	UG/L	0.0063		U	EPA 508.1	0.0063	02/04/2011	02:11	E83079
2067	HEPTACHLOR EPOXIDE	0.2	UG/L	0.0031		U	EPA 508.1	0.0031	02/04/2011	02:11	E83079
2105	2,4-D	70	UG/L	0.017		U	EPA 515.3	0.017	02/10/2011	10:08	E83079
2110	2,4,5-TP (SILVEX)	50	UG/L	0.035		U	EPA 515.3	0.035	02/10/2011	10:08	E83079
2274	HEXACHLOROBENZENE	1.0	UG/L	0.011		U	EPA 508.1	0.011	02/04/2011	02:11	E83079
2306	BENZO(A)PYRENE	0.2	UG/L	0.02 U		J	EPA 525.2	0.02	02/03/2011	19:50	E83079
2326	PENTACHLOROPHENOL	1.0	UG/L	0.011 I		J	EPA 515.3	0.009	02/10/2011	10:08	E83079
2383	PCB	0.5	UG/L	0.1		U	EPA 508.1	0.1	02/04/2011	02:11	E83079
2931	1,2-DIBROMO-3-CHLOROPROPANE	0.20	UG/L	0.014		U	504.1	0.014	02/03/2011	17:00	E84167
2946	ETHYLENE DIBROMIDE	0.02	UG/L	0.01		U	504.1	0.01	02/03/2011	17:00	E84167
2959	CHLORDANE	2.0	UG/L	0.049		U	EPA 508.1	0.049	02/04/2011	02:11	E83079

**SYNTHETIC ORGANICS**

62-550.310 (4) (b)

REPORT NUMBER: 11070565 001

SYSTEM NAME: Finish Water

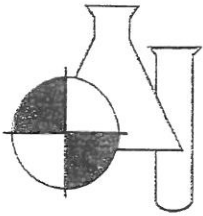
SYSTEM ID: 6142734

I.D.	Parameter NAME	(MCL)	UNITS	ANALYSIS RESULT	QUALIFIER	METHOD	MDL	DATE ANALYZED	TIME ANALYZED	LAB ID							
											UG/L	UG/L	U	UG/L	UG/L	U	UG/L
2005	ENDRIN	2.0	UG/L	0.0019	U	EPA 508.1	0.0019	07/26/2011	22:01	E83079							
2010	GAMMA-BHC (LINDANE)	0.2	UG/L	0.0029	U	EPA 508.1	0.0029	07/26/2011	22:01	E83079							
2015	METHOXYCHLOR	40	UG/L	0.013	U	EPA 508.1	0.013	07/26/2011	22:01	E83079							
2020	TOXAPHENE	3.0	UG/L	0.58	U	EPA 508.1	0.58	07/26/2011	22:01	E83079							
2031	DALAPON	200	UG/L	0.38	U	EPA 515.3	0.38	07/27/2011	11:27	E83079							
2032	DIQUAT	20	UG/L	0.15	U	EPA 549.2	0.15	07/25/2011	13:52	E83079							
2033	ENDOTHALL	100	UG/L	2.7	U	EPA 548.1	2.7	07/22/2011	17:11	E83079							
2034	GLYPHOSATE	700	UG/L	2.1	U	EPA 547	2.1	07/27/2011	01:12	E83079							
2035	DI(2-ETHYLHEXYL)ADIPATE	400	UG/L	0.37	JU	EPA 525.2	0.37	07/27/2011	00:39	E83079							
2036	OXAMYL	200	UG/L	0.41	U	EPA 531.1	0.41	07/26/2011	16:16	E83079							
2037	SIMAZINE	4.0	UG/L	0.042	U	EPA 508.1	0.042	07/26/2011	22:01	E83079							
2039	DI(2-ETHYLHEXYL)PHTHALATE	6.0	UG/L	0.48	JU	EPA 525.2	0.48	07/27/2011	00:39	E83079							
2040	PICLORAM	500	UG/L	0.05	U	EPA 515.3	0.05	07/27/2011	00:39	E83079							
2041	DINOSEB	7.0	UG/L	0.05	U	EPA 515.3	0.05	07/27/2011	11:27	E83079							
2042	HEXACHLOROCYCLOPENTADIENE	50	UG/L	0.011	U	EPA 508.1	0.011	07/26/2011	22:01	E83079							
2046	CARBOFURAN	40	UG/L	0.32	U	EPA 531.1	0.32	07/26/2011	16:16	E83079							
2050	ATRAZINE	3.0	UG/L	0.02	U	EPA 508.1	0.02	07/26/2011	22:01	E83079							
2051	ALACHLOR	2	UG/L	0.032	U	EPA 508.1	0.032	07/26/2011	22:01	E83079							
2063	DIOXIN SCREEN	3	UG/L	NP		EPA 525.2		07/27/2011	00:39	E83079							
2065	HEPTACHLOR	0.4	UG/L	0.0057	U	EPA 508.1	0.0057	07/26/2011	22:01	E83079							
2067	HEPTACHLOR EPOXIDE	0.2	UG/L	0.0029	U	EPA 508.1	0.0029	07/26/2011	22:01	E83079							
2105	2,4-D	70	UG/L	0.017	U	EPA 515.3	0.017	07/27/2011	11:27	E83079							
2110	2,4,5-TP (SILVEX)	50	UG/L	0.035	U	EPA 515.3	0.035	07/27/2011	11:27	E83079							
2274	HEXACHLOROBENZENE	1.0	UG/L	0.01	U	EPA 508.1	0.01	07/26/2011	22:01	E83079							
2306	BENZO(A)PYRENE	0.2	UG/L	0.018	U	EPA 525.2	0.018	07/27/2011	00:39	E83079							
2326	PENTACHLOROPHENOL	1.0	UG/L	0.009	U	EPA 515.3	0.009	07/27/2011	11:27	E83079							
2383	PCB	0.5	UG/L	0.095	U	EPA 508.1	0.095	07/26/2011	22:01	E83079							
2931	1,2-DIBROMO-3-CHLOROPROPANE	0.20	UG/L	0.014	U	504.1	0.014	07/27/2011	08:00	E84167							
2946	ETHYLENE DIBROMIDE	0.02	UG/L	0.01	U	504.1	0.01	07/27/2011	08:00	E84167							
2959	CHLORDANE	2.0	UG/L	0.045	U	EPA 508.1	0.045	07/26/2011	22:01	E83079							



**LEAD  
And  
COPPER**

These contaminants are required to be tested annually every three years. Test results are for the period 1/1/11 – 12/31/11. These test results are from the most recent testing done in accordance with State and Federal regulations. No violations occurred during this period and 100% of the samples for both lead and copper were below the action level.



# Benchmark

EnviroAnalytical, Inc.

FDH Certification #E84167

## ANALYTICAL TEST REPORT

THIS REPORT MEETS NELAC STANDARDS

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

Attn: Sam Stone

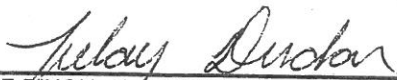
**SYSTEM NAME:** LEAD & COPPER ANALYSIS  
**PWS I. D. #:** 6142734  
**Lab Name:** Benchmark EnviroAnalytical, Inc.  
**Lab I. D** E 84167  
**Contact Person:** Dale Dixon  
**Phone :** 941-723-9986

**Date Submitted to Lab:** 07/20/2011  
**Analysis Date:** 07/21/2011  
**Method:** SM3113B  
**Compound:** Lead  
**Mdl:** 0.00067 mg/L  
**90 th Percentile Value:** 0.001 mg/L

A	RANK (ascending)	LOCATION CODE			LAB SAMPLE I.D.	DATE SITE SAMPLED	LEAD (mg/L)
		NO.	NO	TIER			
	1	1-Upstairs Bathroom			11070639 -001	07/19/2011	0.00067 U
	2	2-Hall Closet			11070639 -002	07/19/2011	0.00067 U
	3	4-Mens Room			11070639 -004	07/19/2011	0.00067 U
	4	5-Lab Sink			11070639 -005	07/19/2011	0.00067 U
	5	3-Ladies Room			11070639 -003	07/19/2011	0.001 I

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

Regulatory Review Official

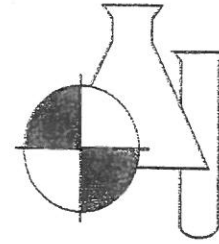
  
DALE DIXON / LABORATORY DIRECTOR  
Tülay Tanrisever/Jennifer Jordan - QC Officers

I = Value is between laboratory MDL and PQL  
U = Analyte not detected at the value indicated

X = Value exceeds MCL.

# BENCHMARK

EnviroAnalytical, Inc.



NELAC CERTIFICATION #E84167

## ANALYTICAL TEST REPORT

THIS REPORT MEETS NELAC STANDARDS

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

Attn: Sam Stone

**System Name:** LEAD & COPPER ANALYSIS  
**PWS I. D. #:** 6142734  
**Lab Name:** Benchmark EnviroAnalytical, Inc.  
**Lab I. D** E 84167  
**Contact Person:** Dale Dixon  
**Phone :** 941-723-9986

**Date Submitted to Lab:** 07/20/2011  
**Analysis Date:** 07/21/2011  
**Compound:** Copper  
**Method:** 200.7  
**Mdl:** 0.004 mg/L  
**90 th Percentile Value:** 0.058 mg/L

A	RANK (ascending)	LOCATION CODE			LAB SAMPLE I.D.	DATE SITE SAMPLED	COPPER (mg/L)
		NO.	NO	TIER			
	1	2-Hall Closet			11070639 -002	07/19/2011	0.034
	2	4-Mens Room			11070639 -004	07/19/2011	0.034
	3	3-Ladies Room			11070639 -003	07/19/2011	0.040
	4	5-Lab Sink			11070639 -005	07/19/2011	0.044
	5	1-Upstairs Bathroom			11070639 -001	07/19/2011	0.058

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

Regulatory Review Official

*Dale Dixon*  
DALE DIXON - LABORATORY DIRECTOR  
Tülay Tanriözer / Jennifer Jordan - QC Officers

I = Value is between laboratory MDL and PQL.

U = Analyte not detected at the value indicated

X = Value exceeds MCL.

## SECONDARY CONTAMINANTS

These contaminants are required to be tested annually every three years. Test results are for the period 1/1/11 – 12/31/11. These test results are from the most recent testing done in accordance with State and Federal regulations and **no violations** occurred during this period.

**SECONDARY CONTAMINANTS**

62-550.320

**ADDED REPORT**

SEE ATTACHED NOTES

REPORT NUMBER: 11010717 001

SYSTEM NAME: Primary&Secondary-Finish Water

SYSTEM ID: 6142734

Parameter I.D.	NAME	(MCL)	UNITS	ANALYSIS		QUALIFIER	METHOD	MDL	DATE ANALYZED	TIME ANALYZED	LAB ID
				RESULT	UNITS						
	COLOR PH			7.98			SM4500H+B		01/25/2011	08:45	E84167
1002	ALUMINUM	0.2	MG/L	0.036		I	200.7	0.023	01/25/2011	15:09	E84167
1017	CHLORIDE	250	MG/L	41.2		I	300.0	0.353	01/27/2011	12:20	E84167
1022	COPPER	1	MG/L	0.005		I	200.7	0.004	01/27/2011	12:19	E84167
1025	FLUORIDE	2.0	MG/L	0.150		U	300.0	0.030	01/27/2011	12:20	E84167
1028	IRON	0.3	MG/L	0.029		U	200.7	0.029	01/25/2011	12:19	E84167
1032	MANGANESE	0.05	MG/L	0.002		I	200.7	0.00098	01/27/2011	12:19	E84167
1050	SILVER	0.1	MG/L	0.0005		U	200.7	0.0005	01/31/2011	14:57	E84167
1055	SULFATE	250	MG/L	167			300.0	0.339	01/27/2011	12:20	E84167
1095	ZINC	5	MG/L	0.005			200.7	0.0014	01/25/2011	15:09	E84167
1905	COLOR	15	CU	5		I	SM2120B	2	01/25/2011	08:45	E84167
1920	ODOR	3	TON	1		U	140.1	1	01/25/2011	15:45	E84167
1925	PH	6.5-8.5	UNITS	7.98		Q	SM4500H+B		01/25/2011	17:31	E84167
1930	TOTAL DISSOLVED SOLIDS	500	MG/L	366			SM2540C	7.26	01/27/2011	10:30	E84167
2905	SURFACTANTS	0.5	MG/L	0.03		U	SM5540C	0.03	01/25/2011	10:40	E84167

**DATA QUALIFIERS THAT MAY APPLY:**

I = Reported value is between the laboratory MDL and the PQL. (PQL = 4 x MDL).  
 U = Analyte analyzed but not detected at the value indicated.

**NOTES:**

MBAS calculated as LAS; molecular weight = 348.  
 X = Value exceeds MCL.  
 Radium 226/228 and Uranium added per client request.

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

Results relate only to the samples.

**UNREGULATED GROUP I, GROUP II  
AND  
GROUP III CONTAMINANTS**

The Group I contaminants were required to be tested quarterly for one year only. The Group II contaminants were required to be tested annually every three years and the testing requirement expired in the year 2000. The Group III contaminants are required to be tested once. Test results are available from a previous period of time. This period does not fall into the acceptable reporting period for the 2012 Consumer Confidence Report, and therefore will not be provided here with other 2012 data.

## RADIOACTIVE CONTAMINANTS

These contaminants are required to be tested on a routine basis quarterly every three years. Test results are for the period 1/1/11 – 12/31/11. These test results are from the most recent testing done in accordance with State and Federal regulations and **no violations** occurred during this period. Due to low levels found with the contaminant gross alpha, additional testing for other contaminants such as radium 226 or radium 228 is not required, but was tested on a voluntary basis anyway.

# ADDENDED REPORT

SEE ATTACHED NOTES

Parameter I.D. NAME	(MCL)	ANALYSIS			METHOD	MDL	DATE	TIME	LAB ID
		UNITS	RESULT	QUALIFIER					
4000 GROSS ALPHA	15	PC/I/L	1.3+/-0.8		900.0	1.1	02/01/2011	16:25	E83033
4006 URANIUM		PC/I/L	0.4	U	908.0	0.4	03/05/2011	08:50	E83033
4006 URANIUM		UG/L	0.6	U	CALC	0.6	03/05/2011	08:50	E83033
4020 RADIUM-226	5	PC/I/L	0.7+/-0.2		903.1	0.3	03/10/2011	10:17	E83033
4030 RADIUM-228	5	PC/I/L	0.9	U	Ra-05	0.9	03/10/2011	11:17	E83033

**DATA QUALIFIERS THAT MAY APPLY:**

I = Reported value is between the laboratory MDL and the PQL. (PQL = 4 x MDL).  
U = Analyte analyzed but not detected at the value indicated.

**NOTES:**

MBAS calculated as LAS; molecular weight = 348.  
X = Value exceeds MCL.  
Radium 226/228 and Uranium added per client request.

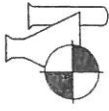
For questions and comments regarding these results, please contact Bettina Belfuss at (941) 723-9986

Results relate only to the samples.



# BENCHMARK

EnviroAnalytical Inc.



FDOH Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769  
Arcadia, FL 34269  
Sam Stone

## ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

REPORT NUMBER: 11040976 001  
SYSTEM NAME: ASR SYS: (WF1, WF2)-EntryPoint  
SYSTEM ID: 6142734

### RADIONUCLIDES 62-550.310 (6)

Parameter I.D. NAME	(MCL)	ANALYSIS		METHOD	MDL	DATE		LAB ID
		UNITS	RESULT			ANALYZED	ANALYZED	
4000 GROSS ALPHA	15	PCI/L	1.2	900.0	1.2	05/11/2011	19:40	E83033
4006 URANIUM		PCI/L	0.6	908.0	0.6	05/10/2011	06:10	E83033
4006 URANIUM		UG/L	0.9	CALC	0.9	05/10/2011	08:10	E83033
4020 RADIUM-226	5	PCI/L	0.9	903.1	0.1	05/12/2011	13:19	E83033
4030 RADIUM-228	5	PCI/L	0.7	Ra-05	0.7	05/11/2011	12:31	E83033

#### DATA QUALIFIERS THAT MAY APPLY:

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

#### NOTES:

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

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

Results relate only to the samples.

**DATA QUALIFIERS THAT MAY APPLY:**

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

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

Results relate only to the samples.

**RADIONUCLIDES**

62-550.310 (6)

REPORT NUMBER: 11070565 001  
SYSTEM NAME: Finish Water  
SYSTEM ID: 6142734

Parameter I.D.	NAME	(MCL)	UNITS	ANALYSIS RESULT	QUALIFIER	METHOD	MDL	DATE		LAB ID
								ANALYZED	ANALYZED	
4000	GROSS ALPHA	15	PC/L	4.7+/-1.0		900.0	0.8	07/30/2011	13:04	E83033
4006	URANIUM		PC/L	0.8	U	908.0	0.8	08/05/2011	07:04	E83033
4006	URANIUM		UG/L	1.2	U	CALC	1.2	08/05/2011	07:04	E83033
4020	RADIUM-226	5	PC/L	0.5+/-0.2		903.1	0.2	07/29/2011	13:31	E83033
4030	RADIUM-228	5	PC/L	0.8	U	Ra-05	0.8	07/28/2011	14:18	E83033

**DATA QUALIFIERS THAT MAY APPLY:**

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

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

Results relate only to the samples.

**NOTES:**

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

J for Bis(2-Ethylhexyl)adipate & Bis(2-Ethylhexyl)phthalate = Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.  
ND = Not Detected at or above adjusted reporting limit.

**NOTES:**

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

J for Bis(2-Ethylhexyl)adipate & Bis(2-Ethylhexyl)phthalate = Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.  
ND = Not Detected at or above adjusted reporting limit.

# BENCHMARK

EnviroAnalytical Inc.



FD0H Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769  
Arcadia, Fl 34269  
Sam Stone

## RADIONUCLIDES

62-550.310 (6)

## ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

REPORT NUMBER: 11100152 001

SYSTEM NAME: ASR SYS WF-1+WF-2 Finish Water  
SYSTEM ID:

I.D.	NAME	(MCL)	UNITS	ANALYSIS RESULT	QUALIFIER	METHOD	MDL	DATE		TIME		LAB ID
								ANALYZED	ANALYZED	ANALYZED	ANALYZED	
4000	GROSS ALPHA	15	PC/L	1.1	U	900.0	1.1	10/21/2011	13:25	E83033		
4020	RADIUM-226	5	PC/L	0.2	U	903.1	0.2	10/27/2011	10:01	E83033		
4030	RADIUM-228		PC/L	0.9	U	Ra-05	0.9	10/27/2011	11:28	E83033		

### DATA QUALIFIERS THAT MAY APPLY:

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

### NOTES:

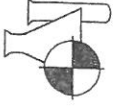
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate and Spike values are within control limits. Reported data are usable.  
MBAS calculated as LAS; molecular weight = 348.  
X = Value exceeds MCL.

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

Results relate only to the samples.

## ASBESTOS CONTAMINANTS

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



FD0H Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769  
Arcadia , FL 34269

## ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

### INORGANIC ANALYSIS

62-550.310 (1)

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

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

#### DATA QUALIFIERS THAT MAY APPLY:

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

#### NOTES:

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

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

Results relate only to the samples.