## 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 25, 2012

TO: Keisha Cureton

Keisha Cureton Aqua Utilities Florida Steve Kipfinger Charlotte County Utilities

Jerry Manning
Mike Crumpton
Mike Cravens

North Port Utilities
Desoto County Utilities
Sarasota County Utilities

Ed Watson James Oni DEP Tampa DEP Ft Myers

FROM:

Sam Stone

Land and Environmental Services Manager

RE:

Annual Water Quality Data for the Consumer Confidence Report

Calendar Year 2011

Enclosed is the water quality data, collected by the Authority, for the Consumer Confidence Report / Calendar Year 2011. 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 2011. 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 sstone@regionalwater.org.

xc: Mike Coates

Richard Anderson

# ANNUAL DRINKING WATER QUALITY DATA For THE CONSUMMER CONFIDENCE REPORT CALENDAR YEAR 2011

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 25, 2012

#### 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: <a href="http://www.dep.state.fl.us/swapp">http://www.dep.state.fl.us/swapp</a>

#### 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 powered carbon for the removal of algal taste and odor compounds, followed by color removal (coagulation and sedimentation) with alum, disinfection with chlorine and chloramines, filtration by rapid rate multi-media filters and pH adjustment with caustic soda before being distributed to the public.

#### UTILITY OWNER INFORMATION

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

#### **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>, 2011. 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 2011.

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 1/1/11 - 12/31/11. 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. During calendar year 2011 the primary inorganics were collected twice meeting the requirements of both the Peace River Facility compliance monitoring and the requirements contained in the DEP ASR construction permit.

Note 2. If Arsenic levels are above the MCL then special health effects language is required.

#### **INORGANIC ANALYSIS**

62-550.310 (1)

## ADDENDED REPORT

SEE ATTACHED NOTES

	Parameter			ANALYSIS				DATE	TIME	10.
I.D. 1040	NAME NITRATE NITROGEN	(MCL) 10	UNITS MG/L	RESULT 0.205	QUALIFIER I	METHOD 300.0	MDL 0.060	ANALYZED 01/26/2011	ANALYZED 16:13	LAB ID E84167
1041	NITRITE NITROGEN	1.0	MG/L	0.004	1	SM4500NO2B	0.003	01/26/2011	16:13	E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.209	1	300.0	0.060	01/26/2011	16:13	E84167
1005	ARSENIC	0.010	MG/L	0.00069	U	SM3113B	0.00069	01/25/2011	11:20	E84167
1010	BARIUM	2	MG/L	0.013	9	200.7	0.002	01/31/2011	14:57	E84167
1015	CADMIUM	0.005	MG/L	0.0009	· U	200.7	0.0009	01/25/2011	15:09	E84167
1020	CHROMIUM	0.1	MG/L	0.002	U	200.7	0.002	01/25/2011	15:09	E84167
1024	CYANIDE	0.2	MG/L	0.005	U	EPA 335.4	0.005	02/03/2011	12:36	E83079
1025	FLUORIDE	4.0	MG/L	0.150	€	300.0	0.030	01/27/2011	12:20	E84167
1030	LEAD	0.015	MG/L	0.00067	U	SM3113B	0.00067	01/26/2011	16:20	E84167
1035	MERCURY	0.002	MG/L	0.000198	υ. ΄	245.1	0.000198	01/31/2011	14:00	E84167
1036.	NICKEL	0.1	MG/L	0.00118	U	200.7	0.00118	01/25/2011	15:09	E84167
1045	SELENIUM	0.05	MG/L	0.0038	U	SM3113B	0.0038	01/27/2011	12:10	E84167
1052	SODIUM	160	MG/L	47.7	3	200.7	0.034	01/25/2011	15:09	E84167
1074	ANTIMONY	0.006	MG/L	0.00226	U	SM3113B	0.00226	01/27/2011	11:20	E84167
1075	BERYLLIUM	0.004	MG/L	0.000078	U	200.7	0.000078	01/31/2011	14:57	E84167
1085	THALLIUM	0.002	MG/L	0.000981	U	200.9	0.000981	01/31/2011	14:20	E84167
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#### 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.

11010717

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986 Results relate only to the samples.

REPORT NUMBER: 11010717

SYSTEM ID: 6142734

001

SYSTEM NAME: Primary&Secondary-Finish Water

EnviroAnalytical Inc.

FDOH Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769 Arcadia, FI 34269 Sam Stone

INORGANIC ANALYSIS

62-550.310 (1)

#### ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

REPORT NUMBER: 11070565

001

SYSTEM NAME: Finish Water

SYSTEM ID: 6142734

							SISIEIVI	D. 0142734		
	Parameter			ANALYSIS				DATE	TIME	
I.D. 1040	NAME NITRATE NITROGEN	(MCL) 10	UNITS MG/L	RESULT 0.091	QUALIFIER	METHOD 300.0	<b>MDL</b> 0.060	ANALYZED 07/18/2011	ANALYZED 16:20	LAB ID E84167
1041	NITRITE NITROGEN	1.0	MG/L	0.041	U	300.0	0.041	07/18/2011	16:20	E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.091	1	300.0	0.060	07/18/2011	16:20	E84167
1005	ARSENIC	0.010	MG/L	0.00069	U	SM3113B	0.00069	07/27/2011	14:40	E84167
1010	BARIUM	2	MG/L	0.014		200.7	0.002	07/26/2011	14:45	E84167
1015	CADMIUM	0.005	MG/L	0.0009	U	200.7	0.0009	07/26/2011	14:45	E84167
1020	CHROMIUM	0.1	MG/L	0.002	U	200.7	0.002	07/26/2011	14:45	E84167
1024	CYANIDE	0.2	MG/L	0.005	U	335.4	0.005	07/22/2011	15:02	E84167
1025	FLUORIDE	4.0	MG/L	0.211		300.0	0.030	07/18/2011	16:20	E84167
1030	LEAD	0.015	MG/L	0.00067	U	SM3113B	0.00067	07/26/2011	13:10	E84167
1035	MERCURY	0.002	MG/L	0.000198	U	245.1	0.000198	07/28/2011	09:00	E84167
1036	NICKEL	0.1	MG/L	0.00118	U	200.7	0.00118	07/26/2011	14:45	E84167
1045	SELENIUM	0.05	MG/L	0.00157	U	SM3113B	0.00157	08/10/2011	14:45	E84167
1052	SODIUM	160	MG/L	55.3		200.7	0.034	07/26/2011	14:45	E84167
1074	ANTIMONY	0.006	MG/L	0.00226	υ	SM3113B	0.00226	08/19/2011	16:10	E84167
1075	BERYLLIUM	0.004	MG/L	0.000078	U	200.7	0.000078	07/26/2011	14:45	E84167
1085	THALLIUM	0.002	MG/L	0.000981	U	200.9	0.000981	08/22/2011	11:40	E84167

#### DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL. (PQL = 4 x MDL).

J3 = Est, value quality control criteria for precision or accuracy not met.

V = Analyte detected in sample and in method blank.

#### 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 aboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

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

Results relate only to the samples.

J = Estimated value.

J4 = Est. value. Sample matrix interference suspected.

Q = Sample held beyond accepted holdtime

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

#### **VOLATILE ORGANIC CONTAMINANTS**

These contaminants are required to be tested quarterly at the beginning of <u>each</u> 9 year cycle (2011) and subsequently tested annually. Test results are for the period 1/1/11 - 12/31/11. Test results for the above contaminants resulted in <u>no violations</u>.

Note 1. During calendar year 2011 the volatile organic contaminants were collected quarterly meeting the requirements stipulated for the beginning of a new 9 year cycle.

62-550.310 (4) (A)

## ADDENDED REPORT

SEE ATTACHED NOTES

REPORT NUMBER: 11010717 001

SYSTEM NAME: Primary&Secondary-Finish Water

SYSTEM ID: 6142734

	Parameter			ANALYSIS			* 75	DATE	TIME	20 X)
I.D. 2378	NAME 1.2.4-TRICHLOROBENZENE	(MCL) 70	UNITS UG/L	RESULT 0.15	QUALIFIER U	METHOD 524.2	MDL 0.15	ANALYZED 01/28/2011	ANALYZED 01:39	LAB ID E84167
2380	CIS-1.2-DICHLOROETHYLENE	70	UG/L	0.11	U	524.2	0.11	01/28/2011	01:39	E84167
2955	XYLENES, TOTAL	10000 .	UG/L	0.13	U	524.2	0.13	01/28/2011	01:39	E84167
2964	DICHLOROMETHANE	5	UG/L	0.20	U	524.2	0.20	01/28/2011	01:39	E84167
2968	O-DICHLOROBENZENE	600	UG/L	0.11	. U	524.2	0.11	01/28/2011	01:39	E84167
2969	P-DICHLOROBENZENE	75	UG/L	0.10	. U	524.2	0.10	01/28/2011	01:39	E84167
2976	VINYL CHLORIDE	1	UG/L	0.15	. U	524.2	0.15	01/28/2011	01:39	E84167
2977	1,1-DICHLOROETHENE	.7	UG/L	0.11	U	524.2	0.11	01/28/2011	01:39	E84167
2979	TRANS-1,2-DICHLOROETHENE	100	UG/L	0.12	. U	524.2	0.12	01/28/2011	01:39	E84167
2980	1,2-DICHLOROETHANE	3	UG/L	0.16	U	524.2	0.16	01/28/2011	01:39	E84167
2981	1,1,1-TRICHLOROETHANE	200	UG/L	0.10	U	524.2	0.10	01/28/2011	01:39	E84167
2982	CARBON TETRACHLORIDE	3	UG/L	0.20	U	524.2	0.20 .	01/28/2011	01:39	E84167
2983	1,2-DICHLOROPROPANE	5	UG/L	0.15	U	524.2	0.15	01/28/2011	01:39	E84167
2984	TRICHLOROETHENE	3	UG/L	0.12	u	524.2	0.12	01/28/2011	01:39	E84167
2985	1,1,2-TRICHLOROETHANE	5	UG/L	0.14	U	524.2	0.14	01/28/2011	01:39	E84167
2987	TETRACHLOROETHENE	3	UG/L	0.20	U	524.2	0.20	01/28/2011	01:39	E84167
2989	MONOCHLOROBENZENE	100	UG/L	0.10	U	524.2	0.10	01/28/2011	01:39	E84167
2990	BENZENE	1	UG/L	0.12	U	524.2	0.12	01/28/2011	01:39	E84167
2991	TOLUENE	1000	UG/L	0.11	U	524.2	0.11	01/28/2011	01:39	E84167
2992	ETHYLBENZENE	700	UG/L	0.11	i U	524.2	0.11	01/28/2011	01:39	E84167
2996	STYRENE	100	UG/L	0.10	U	524.2	0.10	01/28/2011	01:39	E84167
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#### 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.

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 Beilfuss at (941) 723-9986

Results relate only to the samples.

62-550.310 (4) (A)

REPORT NUMBER: 11050156 001 SYSTEM NAME: Entry Point SYSTEM ID: 6142734

	Parameter			ANALYSIS				DATE	TIME	
I.D.	NAME	(MCL)	UNITS	RESULT 0.15	QUALIFIE U	R METHOD 524.2	MDL 0.15	ANALYZED 05/10/2011	ANALYZED 21:30	LAB ID E84167
2378	1,2,4-TRICHLOROBENZENE	70	UG/L					05/10/2011	21:30	E84167
2380	CIS-1,2-DICHLOROETHYLENE	70	UG/L	0.11	U	524.2	0.11			
2955	XYLENES, TOTAL	10000	UG/L	0.13	U	524.2	0.13	05/10/2011	21:30	E84167
2964	DICHLOROMETHANE	5	UG/L	0.20	U	524.2	0.20	05/10/2011	21:30	E84167
2968	O-DICHLOROBENZENE	600	UG/L	0.11	U	524.2	0.11	05/10/2011	21:30	E84167
2969	P-DICHLOROBENZENE	75	UG/L	0.10	U	524.2	0.10	05/10/2011	21:30	E84167
2976	VINYL CHLORIDE	1	UG/L	0.15	U	524.2	0.15	05/10/2011	21:30	E84167
2977	1,1-DICHLOROETHENE	7	UG/L	0.11	U	524.2	0.11	05/10/2011	21:30	E84167
2979	TRANS-1,2-DICHLOROETHENE	100	UG/L	0.12	U	524.2	0.12	05/10/2011	21:30	E84167
2980	1,2-DICHLOROETHANE	3	UG/L	0.16	υ	524.2	0.16	05/10/2011	21:30	E84167
2981	1,1,1-TRICHLOROETHANE	200	UG/L	0.10	U	524.2	0.10	05/10/2011	21:30	E84167
2982	CARBON TETRACHLORIDE	3	UG/L	0.20	U	524.2	0.20	05/10/2011	21:30	E84167
2983	1,2-DICHLOROPROPANE	5	UG/L	0.15	U	524.2	0.15	05/10/2011	21:30	E84167
2984	TRICHLOROETHENE	3	UG/L	0.12	U	524.2	0.12	05/10/2011	21:30	E84167
2985	1,1,2-TRICHLOROETHANE	5	UG/L	0.14	U	524.2	0.14	05/10/2011	21:30	E84167
2987	TETRACHLOROETHENE	3	UG/L	0.20	υ	524.2	0.20	05/10/2011	21:30	E84167
2989	MONOCHLOROBENZENE	100	UG/L	0.10	U	524.2	0.10	05/10/2011	21:30	E84167
2990	BENZENE	1	UG/L	0.12	υ	524.2	0.12	05/10/2011	21:30	E84167
2991	TOLUENE	1000	UG/L	0.11	U	524.2	0.11	05/10/2011	21:30	E84167
2992	ETHYLBENZENE	700	UG/L	0.11	U	524.2	0.11	05/10/2011	21:30	E84167
2996	STYRENE	100	UG/L	0.10	U	524.2	0.10	05/10/2011	21:30	E84167

#### DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL. (PQL = 4 x MDL).

J = Estimated value.

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Results relate only to the samples.

#### NOTES:

MBAS calculated as LAS; molecular weight = 348.

X = Value exceeds MCL.

J3 = Est. value quality control criteria for precision or accuracy not met.

<sup>.14 =</sup> 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.

62-550.310 (4) (A)

Parameter ANALYSIS DATE TIME I.D. NAME (MCL) UNITS RESULT **METHOD** MDL ANALYZED **ANALYZED** LAB ID QUALIFIER 2378 1,2,4-TRICHLOROBENZENE UG/L 0.15 70 524.2 0.15 07/23/2011 16:31 E84167 2380 CIS-1,2-DICHLOROETHYLENE UG/L 70 0.11 U 524.2 0.11 07/23/2011 16:31 E84167 2955 XYLENES, TOTAL UG/L 0.13 U 524.2 10000 0.13 07/23/2011 16:31 E84167 2964 **DICHLOROMETHANE** UG/L 5 0.20 U 524.2 0.20 07/23/2011 16:31 E84167 O-DICHLOROBENZENE 2968 UG/L 0.11 U 600 524.2 0.11 07/23/2011 16:31 E84167 2969 P-DICHLOROBENZENE UG/L 75 0.10 U 524.2 0.10 07/23/2011 16:31 E84167 2976 VINYL CHLORIDE UG/L 0.15 U 524.2 0.15 07/23/2011 16:31 E84167 2977 1,1-DICHLOROETHENE 7 UG/L 0.11 U 524.2 0.11 07/23/2011 16:31 E84167 2979 TRANS-1,2-DICHLOROETHENE UG/L 0.12 U 100 524.2 0.12 07/23/2011 16:31 E84167 2980 1.2-DICHLOROETHANE UG/L 0.16 3 U 524.2 0.16 07/23/2011 16:31 E84167 2981 1,1,1-TRICHLOROETHANE UG/L 0.10 U 200 524.2 0.10 07/23/2011 16:31 E84167 2982 CARBON TETRACHLORIDE UG/L 0.20 U 3 524.2 0.20 07/23/2011 16:31 E84167 2983 1,2-DICHLOROPROPANE UG/L 0.15 U 5 524.2 0.15 07/23/2011 16:31 E84167 2984 TRICHLOROETHENE UG/L 0.12 U 524.2 3 0.12 07/23/2011 16:31 E84167 2985 1,1,2-TRICHLOROETHANE UG/L U 0.14 5 524.2 0.14 07/23/2011 16:31 E84167 2987 **TETRACHLOROETHENE** UG/L 3 0.20 U 524.2 0.20 07/23/2011 16:31 E84167 2989 MONOCHLOROBENZENE UG/L 0.10 U 100 524.2 0.10 07/23/2011 16:31 E84167 2990 BENZENE UG/L 0.12 U 524.2 1 0.12 07/23/2011 16:31 E84167 2991 TOLUENE UG/L 0.11 U 1000 524.2 0.11 07/23/2011 16:31 E84167 2992 ETHYLBENZENE UG/L U 700 0.11 524.2 0.11 07/23/2011 16:31 E84167 2996 STYRENE UG/L 0.10 U 524.2 07/23/2011 100 0.10 16:31 E84167

#### DATA QUALIFIERS THAT MAY APPLY:

#### 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.

REPORT NUMBER: 11070565

SYSTEM NAME: Finish Water SYSTEM ID: 6142734

001

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

Results relate only to the samples

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

62-550.310 (4) (A)

REPORT NUMBER: 11100492 00

SYSTEM NAME: VOC Analysis - Entry Point

SYSTEM ID:

I.D.	Parameter NAME	(8001)	1111170	ANALYSIS				DATE	TIME	
2378	1,2,4-TRICHLOROBENZENE	(MCL) 70	UNITS UG/L	RESULT 0.15	QUALIFIER U	METHOD 524.2	MDL 0.15	ANALYZED 10/14/2011	ANALYZED 21:04	LAB ID E84167
2380	CIS-1,2-DICHLOROETHYLENE	70	UG/L	0.11	U	524.2	0.11	10/14/2011	21:04	E84167
2955	XYLENES, TOTAL	10000	UG/L	0.13	· U	524.2	0.13	10/14/2011	21:04	E84167
2964	DICHLOROMETHANE	5	UG/L	0.20	U	524.2	0.20	10/14/2011	21:04	E84167
2968	O-DICHLOROBENZENE	600	UG/L	0.11	U	524.2	0.11	10/14/2011	21:04	E84167
2969	P-DICHLOROBENZENE	75	UG/L	0.10	U	524.2	0.10	10/14/2011	21:04	E84167
2976	VINYL CHLORIDE	1	UG/L	0.15	U	524.2	0.15	10/14/2011	21:04	E84167
2977	1,1-DICHLOROETHENE	7	UG/L	0.11	U	524.2	0.11	10/14/2011	21:04	E84167
2979	TRANS-1,2-DICHLOROETHENE	100	UG/L	0.12	U	524.2	0.12	10/14/2011	21:04	E84167
2980	1,2-DICHLOROETHANE	3	UG/L	0.16	U	524.2	0.16	10/14/2011	21:04	E84167
2981	1,1,1-TRICHLOROETHANE	200	UG/L	0.10	U	524.2	0.10	10/14/2011	21:04	E84167
2982	CARBON TETRACHLORIDE	3	UG/L	0.20	U	524.2	0.20	10/14/2011	21:04	E84167
2983	1,2-DICHLOROPROPANE	5	UG/L	0.15	U	524.2	0.15	10/14/2011	21:04	
2984	TRICHLOROETHENE	3	UG/L	0.12	U	524.2	0.13	10/14/2011		E84167
2985	1,1,2-TRICHLOROETHANE	5	UG/L	0.14	U				21:04	E84167
2987	TETRACHLOROETHENE		UG/L	0.20		524.2	0.14	10/14/2011	21:04	E84167
2989	MONOCHLOROBENZENE	3	UG/L		U	524.2	0.20	10/14/2011	21:04	E84167
2990	BENZENE	100		0.10	U	524.2	0.10	10/14/2011	21:04	E84167
2991		1	UG/L	0.12	υ	524.2	0.12	10/14/2011	21:04	E84167
	TOLUENE	1000	UG/L	0.11	U	524.2	0.11	10/14/2011	21:04	E84167
2992	ETHYLBENZENE	700	UG/L	0.11	U	524.2	0.11	10/14/2011	21:04	E84167
2996	STYRENE	100	UG/L	0.10	U	524.2	0.10	10/14/2011	21:04	E84167

#### DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL. (PQL = 4 x MDL).

#### NOTES:

V = Analyte detected in sample and method blank.Results for this analyte in associated samples may be blased 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 guestions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986

Results relate only to the samples.

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.

#### **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 1/1/11 - 12/31/11. 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.

2011 Combined Filtered Water Turbidity Data

Month	Maximum Daily	Monthly Average	Percentage of
	Reading (NTU)	Reading (NTU)	Samples Meeting
			.30 NTU Limit
January	.05	.02	100
February	.08	.02	100
March	.09	.02	100
April	.08	.03	100
May	.09	.03	100
June	.13	.04	100
July	.13	.04	100
August	.16	.06	100
September	.10	.04	100
October	.15	.04	100
November	.05	.02	100
December	.06	.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 1/1/11 - 12/31/11. Test results for these parameters resulted in **no violations**. The highest number of positive results for any month during this reporting period is zero. For the year, 153 total samples were collected with no positive samples for Total Coliform.

#### Peace River Facility Microbiological Summary Table 2011

Months	Total Number of	Number of Positive	Number of Positive
	Samples Collected	Total Coliform	E. Coli Samples
		Samples	
January	12	0	0
February	12	0	0
March	12	0	0
April	12	0	0
May	15	0	0
June	12	0	0
July	12	0	0
August	15	0	0
September	12	0	0
October	12	0	0
November	15	0	0
December	12	0	0
Total	152	0	0
Total	153	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 1/1/11-12/31/11 and result in **no violations**.

Peace River Facility
Maximum Residual Disinfection Level Results

See Summary Table Attached

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

	QUARTERLY REPORTING PERIOD: 4 th	YEAR:	2011
SYSTEM INFORMATION			
PWS NAME: Peace River/Manasota Regional Water Supply Authority			
PWS ID NUMBER: 6142734	COUNTY: Desoto		
CONTACT PERSON: Richard Anderson	PHONE NUMBER: (863) 993-4565		
E-MAIL ADDRESS (optional): randerson@regionalwater.org	FAX NUMBER (optional): (863) 993-4568		

ast 12 Months	1	2	3	4	5	6	7	8	9	10	11	12
Actual Month/Year	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Provide the number of disinfectant residual samples aken each month of the last quarter (include disinfectant esidual samples taken for all otal coliform samples, ncluding repeat or additional otal coliform samples)*	12	12	15	12	15	12	12	15	12	12	15	12
Provide the monthly arithmetic liverage of all samples taken in each month for the last 12 months (include disinfectant esidual samples taken for all otal coliform samples, including repeat or additional	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.7	3.8	3.7	3.44

<sup>\*</sup>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 1/1/11 - 12/31/11 on finished and raw untreated water at the Peace River Facility.

Peace River Facility TOC Removal Results

See Summary Table Attached

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

	By Month for Past 12 Months											
	1	2	3	4	5	6	7	8	9	10	11	12
Actual Month/Year	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	
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	15	12.2	11.8	1 <mark>0.9</mark>	13.4	12.5	12.5	14.8	19.5	18.3	19.3	18.2
Treated Water TOC Monthly Arithmetic Average	5.3	3.19	3.06	3.39	4.38	3.17	4.14	3.83	4.39	4.9	4.43	4.23
Actual % TOC Removed *	65	74	74	69	67	75	67	74	78	73	77	77
% TOC Removed Quarterly Arithmetic Average			71			70			73			76
% TOC Removed 12 Month Running Arithmetic Average					12000	72			72	77 TO 10 10		72
Required % Removal	50	50	50	40	40	40	40	50	50	50	50	50
Monthly Actual/Required Ratio	1.29	1.48	1.48	1 <mark>.</mark> 72	1.68	1.88	1.68	1.48	1.50	1.46	1.54	1.54
Quarterly Average of Actual/Required Ratio			1.417			1.757			1.552			1.513
Running 12 Month Actual/Required Ratio		per Star				4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -						1.560

Does the system meet the enhanced coagulation or enhanced softening % removal	1
requirements in 40 CFR 141.135(b) (2) or (3)	YES
for the past four quarters? (Yes/No)	

<sup>\*</sup>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:

<sup>(1-</sup> 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 1/1/11 - 12/31/11 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: ⊠QUARTERLY □ANNUALLY	YEAR: 2011
	QUARTERLY REPORTING PERIOD: 4th	1EAR. 2011
SYSTEM INFORMATION		
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 C	OMPLIANC	E SUMMAR	Y		HAA5 COMPLIANCE SUMMARY					
Last Four Quarters	QTR 1	QTR2	QTR 3	QTR 4	Last Fo <mark>u</mark> r Quarters	QTR 1	QTR 2	QTR3	QTR 4	
Actual Quarter/Year	1/11	2/11	3/11	4/11	Actual Quarter/Year	1/11	2/11	3/11	4/11	
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	0.018	.020	.019	.030	Provide the arithmetic average of all HAA5 samples taken in each quarter for the last four quarters	.014	.011	.015	.026	
Calculate the Running Annual Aver the arithmetic average of the quarte quarters)				.022	Calculate the Running Annual Aver the arithmetic average of the quarte quarters)				.017	
Does the RAA for TTHMs violate the Maximum Contaminant Level of 0.080 mg/L for TTHMs? (YES/NO)					Does the RAA for HAA5s violate the 0.060 mg/L for HAA5s? (YES/NO)	e Maximum (	Contaminant L	evel of	NO	

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

## NITRATE NITROGEN And NITRITE NITROGEN

These contaminants are required to be tested annually on a quarterly frequency. Test results are for the period 1/1/11 - 12/31/11 and have resulted in **no violations**.

## Peace River Facility Nitrate and Nitrite Summary Table 2011

Sample Date	Nitrate Results (mg/l)	Nitrite Results (mg/l)
First Quarter	.205	.004
Second Quarter	.094	.041
Third Quarter	.091	.041
Fourth Quarter	.262	.041

#### **INORGANIC ANALYSIS**

62-550.310 (1)

## **ADDENDED REPORT**

SEE ATTACHED NOTES

REPORT NUMBER: 11010717 001

SYSTEM NAME: Primary&Secondary-Finish Water

SYSTEM ID: 6142734

								DATE	71845	
	Parameter			ANALYSIS				DATE	TIME	
I.D.	NAME	(MCL)	UNITS	RESULT	QUALIFIER	METHOD	MDL	ANALYZED	ANALYZED	LABID
1040	NITRATE NITROGEN	10	MG/L	0.205		300.0	0.060	01/26/2011	16:13	E84167
1041	NITRITE NITROGEN	1.0	MG/L	0.004	1	SM4500NO2B	0.003	01/26/2011	16:13	E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.209	11	300.0	0.060	01/26/2011	16:13	E84167
1005	ARSENIC	0.010	MG/L	0.00069	U	SM3113B	0.00069	01/25/2011	11:20	E84167
1010	BARIUM	2	MG/L	0.013		200.7	0.002	01/31/2011	14:57	E84167
1015	CADMIUM	0.005	MG/L	0.0009	υ	200.7	0.0009	01/25/2011	15:09	E84167
1020	CHROMIUM	0.1	MG/L	0.002	U	200.7	0.002	01/25/2011	15:09	E84167
1024	CYANIDE	0.2	MG/L	0.005	U	EPA 335.4	0.005	02/03/2011	12:36	E83079
1025	FLUORIDE	4.0	MG/L	0.150		300.0	0.030	01/27/2011	12:20	E84167
1030	LEAD	0.015	MG/L	0.00067	U	SM3113B	0.00067	01/26/2011	16:20	E84167
1035	MERCURY	0.002	MG/L	0.000198	U.	245.1	0.000198	01/31/2011	14:00	E84167
1036.	NICKEL	0.1	MG/L	0.00118	U	200.7	0.00118	01/25/2011	15:09	E84167
1045	SELENIUM	0.05	MG/L	0.0038	U	SM3113B	0.0038	01/27/2011	12:10	E84167
1052	SODIUM	160	MG/L	47.7		200.7	0.034	01/25/2011	15:09	E84167
1074	ANTIMONY	0.006	MG/L	0.00226	U	SM3113B	0.00226	01/27/2011	11:20	E84167
1075	BERYLLIUM	0.004	MG/L	0.000078	U	200.7	0.000078	01/31/2011	14:57	E84167
1085	THALLIUM	0.002	MG/L	0.000981	υ	200.9	0.000981	01/31/2011	14:20	E84167
	27					10 I				

#### DATA QUALIFIERS THAT MAY APPLY:

1 = Reported value is between the laboratory MDL and the PQL. (PQL =  $4 \times \text{MDL}$ ). 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 Beilfuss at (941) 723-9986 Results relate only to the samples.

EnviroAnalytical Inc.



FDOH Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769 Arcadia, FI 34269 Sam Stone

**INORGANIC ANALYSIS** 

62-550.310 (1)

ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

REPORT NUMBER: 11040956

001

SYSTEM NAME: Qtly Finished Water-EntryPoint

SYSTEM ID: 6142734

	Parameter			ANALYSIS				DATE	TIME	
I.D. 1040	NAME NITRATE NITROGEN	(MCL) 10	UNITS MG/L	RESULT 0.094	QUALIFIER !	METHOD 300.0	<b>MDL</b> 0.060	ANALYZED 04/28/2011	ANALYZED 15:00	<b>LAB ID</b> E84167
1041	NITRITE NITROGEN	1.0	MG/L	0.041	U	300.0	0.041	04/28/2011	15:00	E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.094	1	300.0	0.060	04/28/2011	15:00	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.

V = Analyte detected in sample and in method blank.

NOTES:

MBAS calculated as LAS; molecular weight = 348.

X = Value exceeds MCL.

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986 Results relate only to the samples.

EnviroAnalytical Inc.

FDOH Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769 Arcadia, FI 34269 Sam Stone

**INORGANIC ANALYSIS** 

62-550.310 (1)

#### ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

REPORT NUMBER: 11070565

001

SYSTEM NAME: Finish Water

SYSTEM ID: 6142734

							SISILIM	ID. 0142/34		
	Parameter			ANALYSIS				DATE	TIME	
1.D.	NAME	(MCL)	UNITS	RESULT	QUALIFIER	METHOD	MDL	ANALYZED		1.45.15
1040	NITRATE NITROGEN	10	MG/L	0.091	COALITIER	300.0	0.060	07/18/2011	ANALYZED 16:20	LAB ID
1041	NITRITE NITROGEN	1.0	MG/L	0.041	U	300.0	0.041			E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.091	1			07/18/2011	16:20	E84167
1005	ARSENIC		MG/L		<u> </u>	300.0	0.060	07/18/2011	16:20	E84167
1010	BARIUM	0.010		0.00069	U	SM3113B	0.00069	07/27/2011	14:40	E84167
		2	MG/L	0.014		200.7	0.002	07/26/2011	14:45	E84167
1015	CADMIUM	0.005	MG/L	0.0009	U	200.7	0.0009	07/26/2011	14:45	E84167
1020	CHROMIUM	0.1	MG/L	0.002	U	200.7		1		
1024	CYANIDE		MG/L				0.002	07/26/2011	14:45	E84167
1025	FLUORIDE	0.2		0.005	U	335.4	0.005	07/22/2011	15:02	E84167
		4.0	MG/L	0.211		300.0	0.030	07/18/2011	16:20	E84167
1030	LEAD	0.015	MG/L	0.00067	U	SM3113B	0.00067	07/26/2011	13:10	E84167
1035	MERCURY	0.002	MG/L	0.000198	U	245.1				
1036	NICKEL		MG/L				0.000198	07/28/2011	09:00	E84167
1045	SELENIUM	0.1		0.00118	U	200.7	0.00118	07/26/2011	14:45	E84167
10.000000000		0.05	MG/L	0.00157	U	SM3113B	0.00157	08/10/2011	14:45	E84167
1052	SODIUM	160	MG/L	55.3		200.7	0.034	07/26/2011	14:45	E84167
1074	ANTIMONY	0.006	MG/L	0.00226	U	SM3113B		500.00000000000000000000000000000000000		
1075	BERYLLIUM						0.00226	08/19/2011	16:10	E84167
1085	THALLIUM	0.004	MG/L	0.000078	U	200.7	0.000078	07/26/2011	14:45	E84167
1005	THALLIUM	0.002	MG/L	0.000981	U ·	200.9	0.000981	08/22/2011	11:40	E84167
								11		

#### DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL. (PQL = 4 x MDL).

.J3 = Est, value quality control criteria for precision or accuracy not met.

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.

J4 = Est. value. Sample matrix interference suspected.

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

NOTES:

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.

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986 Results relate only to the samples.

EnviroAnalytical Inc.



FDOH Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769 Arcadia, FI 34269 Sam Stone

#### **INORGANIC ANALYSIS**

62-550.310 (1)

#### **ANALYTICAL TEST REPORT** THESE RESULTS MEET NELAC STANDARDS

REPORT NUMBER: 11100491

001

SYSTEM NAME: Potable Water Quarterly

SYSTEM ID: Entry Pt.

	Parameter			ANALYSIS				DATE	TIME	
I.D. 1040	NAME NITRATE NITROGEN	(MCL) 10	UNITS MG/L	RESULT 0.262	QUALIFIER	METHOD 300.0	<b>MDL</b> 0.060	ANALYZED 10/13/2011	ANALYZED	LAB ID E84167
1041	NITRITE NITROGEN	1.0	MG/L	0.041	υ	300.0	0.041	10/13/2011	16:02	E84167
1038	NITRATE+NITRITE AS N	10	MG/L	0.262		300.0	0.060	10/13/2011	16:02	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 Beilfuss 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 6, 2011

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.



Fort Bend Servics, Inc. Water & Waste Trament Specialists

December 7, 2011

JL Strickland Peace River Regional Water Supply Authority 8998 S.W. County Road 769 Arcadia, Florida 34269

Reference: FBS 930PWG

J L Strickland,

This letter certifies that FBS 930PWG complies with the NSF Standard 60 specifications for drinking water treatment chemicals. The product does not contain epichlorohydrin and contains residual acrylamide less than 0.05% (<500 ppm). Please find attached a copy of the NSF listing.

Should you have questions or require additional information, please feel free to contact Your business is greatly appreciated.

Sincerely,

Sales Manager

fice: 281.261.5199

toll free: 800.933.3678

fax: 281.261.2295

iice: 13303 Redfish, Stafford, TX 77477

mailing: PO Box 1688, Stafford, TX 77497

### **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 <u>no violations or detections</u> occurred during this period.

#### SYNTHETIC ORGANICS

62-550.310 (4) (b)

## ADDENDED REPORT

SEE ATTACHED NOTES

	Parameter		A	NALYSIS	
I.D. 2005	NAME ENDRIN	(MCL) 2.0	UNITS UG/L	0.0021	QUALIFIER U
2010	GAMMA-BHC (LINDANE)	0.2	UG/L	0.0031	U
2015	METHOXYCHLOR	40	UG/L	0.015	U
2020	TOXAPHENE	3.0	UG/L	0.63	υ
2031	DALAPON	200	UG/L	0.38 U	J
2032	DIQUAT	20	UG/L	0.14	υ
2033	ENDOTHALL	100	UG/L	2.9	U
2034	GLYPHOSATE	700	UG/L	2.1	U
2035	DI(2-ETHYLHEXYL)ADIPATE	400	UG/L	0.4	U
2036	OXAMYL	200	UG/L	0.41	U
2037	SIMAZINE .	4.0	UG/L	0.046	. U
2039	DI(2-ETHYLHEXYL)PHTHALATE	6.0	UG/L	0.52	U
2040	PICLORAM	500	UG/L	0.05	, U
2041	DINOSEB	7.0	UG/L	0.05	U
2042	HEXACHLOROCYCLOPENTADIENE	50	UG/L	0.013	U ·
2046	CARBOFURAN	40	UG/L	0.32	U
2050	ATRAZINE	3.0	UG/L	0.022	. U
2051	ALACHLOR	2	UG/L	0.035	U
2063	DIOXIN SCREEN	0.2	UG/L .	ND .	
2065	HEPTACHLOR	0.4	UG/L	0.0063	U
2067	HEPTACHLOR EPOXIDE	0.2	. UG/L	0.0031	U
2105	2,4-D	70	UG/L	0.017	U
2110	2,4,5-TP (SILVEX)	50	UG/L	0.035	U
2274	HEXACHLOROBENZENE	1.0	UG/L	0.011	· U
2306	BENZO(A)PYRENE	0.2	UG/L	0.02 U	J
2326	PENTACHLOROPHENOL	1.0 .	UG/L	0.011 1	J
2383	PCB	0.5	UG/L	0.1	U
2931	1,2-DIBROMO-3-CHLOROPROPANE	0.20	UG/L-	0.014	. U .
2946	ETHYLENE DIBROMIDE	0.02	UG/L	0.01	U
2959	CHLORDANE	2.0	UG/L	0.049	U
			**		10

REPORT NUMBER: 11010717

SYSTEM NAME: Primary&Secondary-Finish Water

001

SYSTEM ID: 6142734

		DATE	TIME	
METHOD EPA 508.1	MDL 0.0021	ANALYZED 02/04/2011	ANALYZED 02:11	<b>LAB ID</b> E83079
EPA 508.1	0.0031	02/04/2011	02:11	E83079
EPA 508.1	0.015	02/04/2011	02:11	E83079
EPA 508.1	0.63	02/04/2011	02:11	E83079
EPA 515.3	0.38	02/10/2011	10:08	E83079
EPA 549.2	0.14	02/01/2011	21:40	E83079
EPA 548.1	2.9	01/30/2011	14:05	E83079
EPA 547	2.1	01/28/2011	20:54	E83079
EPA 525.2	0.4	02/03/2011	19:50	E83079
EPA 531.1	0.41	02/02/2011	01:17	E83079
EPA 508.1	0.046	02/04/2011	02:11	E83079
EPA 525.2	0.52	02/03/2011	19:50	E83079
EPA 515.3	0.05	02/10/2011	10:08	E83079
EPA 515.3	0.05	02/10/2011	10:08	E83079
EPA 508.1	0.013	02/04/2011	02:11	E83079
EPA 531.1 .	0.32	02/02/2011	01:17	E83079
EPA 508.1	0.022	02/04/2011	02:11	E83079
EPA 508.1	0.035	02/04/2011	02:11	E83079
EPA 525.2	//•01	02/03/2011	19:50	E83079
EPA 508.1	0.0063	02/04/2011	02:11	E83079
EPA 508.1	0.0031	02/04/2011	02:11	E83079
EPA 515.3	0.017	02/10/2011	10:08	E83079
EPA 515.3	0.035	02/10/2011	10:08	E83079
EPA 508.1	0.011	02/04/2011 .	02:11	E83079
EPA 525.2	0.02	02/03/2011	19:50	E83079
EPA 515.3	0.009	02/10/2011	10:08	E83079
EPA 508.1	0.1	02/04/2011	02:11	E83079
504.1	0.014	02/03/2011	17:00	E84167
504.1	0.01	02/03/2011	17:00	E84167
EPA 508.1	0.049	02/04/2011	02:11	E83079

#### SYNTHETIC ORGANICS

62-550.310 (4) (b)

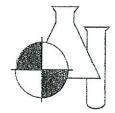
REPORT NUMBER: 11070565 001 SYSTEM NAME: Finish Water SYSTEM ID: 6142734

	Parameter			ANALYSIS				DATE	TIME	
I.D. 2005	NAME ENDRIN	(MCL) 2.0	UNITS UG/L	<b>RESULT</b> 0.0019	QUALIFIER U	METHOD EPA 508.1	MDL 0.0019	ANALYZED 07/26/2011	ANALYZED 22:01	<b>LAB ID</b> 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	υ	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
		2.0	00,2	0.040	J	LI A 300.1	0.040	01/20/2011	22.01	L00010

#### 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.

FDH Certification #E84167



## Benchmark

EnviroAnalytical, Inc.

## ANALYTICAL TEST REPORT THIS REPORT MEETS NELAC STANDARDS

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

Arcadia

FI

34269

Attn: Sam Stone

SYSTEM NAME:

LEAD & COPPER ANALYSIS

Date Submitted to Lab: 07/20/2011

PWS I. D. #:

6142734

Analysis Date:

07/21/2011

Lab Name:

Benchmark EnviroAnalytical, Inc.

Method: Compound:

SM3113B

Lead

Lab I. D

E 84167

MdI:

0.00067 mg/L

Contact Person:

Dale Dixon

0.001 mg/L

Phone:

941-723-9986

90 th Percentile Value:

							0
A	RANK (ascending)	N	ON CODE ) TIER	LAB SAMPLE	I.D.	DATE SITE SAMPLED	LEAD (mg/L)
	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

I = Value is between laboratory MDL and PQL

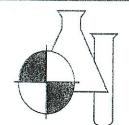
U = Analyte not detected at the value indicated

Tülay Tanrisever/Jennifer Jordan - QC Officers

X = Value exceeds MCL.

EnviroAnalytical, Inc.

NELAC CERTIFICATION #E34167



### ANALYTICAL TEST REPORT THIS REPORT MEETS NELAC STANDARDS

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

Arcadia

FI

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: Method:

Copper

MdI:

200.7

90 th Percentile Value:

0.004 mg/L 0.058 mg/L

				100
LOCATION CODE				
NO.	LADCIMBLE	r D	DATE SITE	COPPE

 A	RANK (ascending)	NO.		LAB SAMPLE	I.D.	DATE SITE SAMPLED	COPPER (mg/L)
	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 Bathroon	n	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

I = Value is between laboratory MDL and PQL.

U = Analyte not detected at the value indicated

Tülay Tanrisever / Jennifer Jordan - QC Officers

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

## ADDENDED REPORT

SEE ATTACHED NOTES

	a 8			SEEAI	I ACHED NOTE	.3		22			
	Parameter			3.0	ANALYSIS		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		DATE	ANALYZED	LAB ID
I.D.	NAME COLOR PH		(MCL)	UNITS	RESULT 7.98	QUALIFIER	METHOD SM4500H+B	MDL	ANALYZED 01/25/2011	08:45	E84167
1002	The state of the s		0.2	MG/L	0.036	1 1	200.7	0.023	01/25/2011	15:09	E84167
1017			250	MG/L	41.2	**	300.0	0.353	01/27/2011	12:20	E84167
102			1	MG/L	0.005	. ,	200.7	0.004	01/27/2011	12:19	E84167
102			2.0	MG/L	0.150	3.2	300.0	0.030	01/27/2011	12:20	E84167
			0.3	MG/L	0.029	∍ U	200.7	0.029	01/25/2011	12:19	E84167
1028	120		0.05	MG/L	0.002	1 .	200.7	0.00098	01/27/2011	12:19	E84167
1032				MG/L	0.0005	υ	200.7	0.0005	01/31/2011	14:57	E84167
1050			0.1 250	MG/L	167		300.0	0.339	01/27/2011	12:20	E84167
105	1	1.50	5	MG/L	0.005	**	200.7	0.0014	01/25/2011	15:09	E84167
109			15	CU	5	. 1	SM2120B	2	01/25/2011	08:45	E84167
190			3	TON	1	U	140.1	1	01/25/2011	15:45	E84167
			6.5-8.5	UNITS	7.98	Q	SM4500H+B	•	01/25/2011	. 17:31	E84167
192				MG/L	356		SM2540C	7.26	01/27/2011	10:30	E84167
193 290	,		500 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).

#### NOTES:

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

Radium 226/228 and Uranium added per client request.

11010717

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986 Results relate only to the samples.

REPORT NUMBER: 11010717

SYSTEM ID: 6142734

001

SYSTEM NAME: Primary&Secondary-Finish Water

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

#### SECONDARY CONTAMINANTS

62-550.320

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

	Parameter			ANALYSIS				DATE	TIME	
1.D.	NAME COLOR PH	(MCL)	UNITS UNITS	RESULT 8.19	QUALIFIER	METHOD SM4500H+B	MDL	ANALYZED 07/20/2011	ANALYZED 09:00	<b>LAB ID</b> E84167
1002	ALUMINUM	0.2	MG/L	0.023	U	200.7	0.023	07/26/2011	14:45	E84167
1017	CHLORIDE	250	MG/L	48.2		300.0	0.353	07/19/2011	14:38	E84167
1022	COPPER	1	MG/L	0.032		200.7	0.004	07/26/2011	14:45	E84167
1025	FLUORIDE.	2.0	MG/L	0.211		300.0	0.030	07/18/2011	16:20	E84167
1028	IRON	0.3	MG/L	0.099	ı	200.7	0.029	07/26/2011	14:45	E84167
1032	MANGANESE	0.05	MG/L	0.008		200.7	0.00098	07/26/2011	14:45	E84167
1050	SILVER	0.1	MG/L	0.001	1	200.7	0.0005	07/26/2011	14:45	E84167
1055	SULFATE	250	MG/L	195		300.0	0.339	07/19/2011	14:38	E84167
1095	ZINC	5	MG/L	0.009		200.7	0.0014	07/26/2011	14:45	E84167
1905	COLOR, APPARENT	15	PCU	2.5	U	SM2120B	2.5	07/20/2011	09:00	E84167
1920	ODOR	3	TON	1	U	140.1	1	07/18/2011	15:00	E84167
1925	PH	6.5-8.5	UNITS	8.13	Q	SM4500H+B		07/18/2011	16:50	E84167
1930	TOTAL DISSOLVED SOLIDS	500	MG/L	356		SM2540C	7.26	07/21/2011	15:40	E84167
2905	SURFACTANTS	0.5	MG/L	0.03	U	SM5540C	0.03	07/19/2011	14:18	E84167

#### DATA QUALIFIERS THAT MAY APPLY:

#### NOTES:

MBAS calculated as LAS; molecular weight = 348.

X = Value exceeds MCL.

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

Results relate only to the samples.

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.

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.

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

The Group I contaminants were required to be tested quarterly for one year <u>only</u>. The Group II contaminants were required to be tested annually every three years and the testing requirement <u>expired</u> in the year 2000. The Group III contaminants are required to be tested <u>once</u>. Test results are available from a previous period of time. This period does not fall into the acceptable reporting period for the 2011 Consumer Confidence Report, and therefore will not be provided here with other 2011 data.

#### RADIOACTIVE CONTAMINANTS

These contaminants are required to be tested 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 <u>no violations</u> 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.

#### **RADIONUCLIDES**

62-550.310 (6)

**ADDENDED REPORT** 

SEE ATTACHED NOTES

									0.00				
	Parameter					ANALYSIS				DATE	TIME		
I.D. 4000	NAME GROSS ALPHA	*)		(MCL) 15	UNITS PCI/L	RESULT 1.3+/-0.8	QUALIFIER	METHOD 900.0	MDL 1.1	02/01/2011	16:25	E83033	
4006	URANIUM		29	20)	PCI/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	PCI/L	0.7+/-0.2		903.1	0.3	03/10/2011	10:17	E83033	
4030	RADIUM-228			5	PCI/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 Beilfuss at (941) 723-9986
Results relate only to the samples.

REPORT NUMBER: 11010717

SYSTEM ID: 6142734

001

SYSTEM NAME: Primary&Secondary-Finish Water

EnviroAnalytical Inc.

FDOH Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769 Arcadia, FI 34269 Sam Stone

#### RADIONUCLIDES

62-550.310 (6)

ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

REPORT NUMBER: 11040976

001

SYSTEM NAME: ASR SYS: (WF1, WF2)-EntryPoint

SYSTEM ID: 6142734

	Parameter			Α.	NALYSIS				DATE	TIME	
I.D. 4000	NAME GROSS ALPHA	(1	MCL) 15	UNITS PCI/L	RESULT 1.2	QUALIFIER U	METHOD 900.0	MDL 1.2	ANALYZED 05/11/2011	ANALYZED 19:40	LAB ID E83033
4006	URANIUM			PCI/L	0.6	U	908.0	0.6	05/10/2011	08:10	E83033
4006	URANIUM			UG/L	0.9	U	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	U	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.

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.

#### DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL. (PQL = 4 x MDL).

J = Estimated value.

J3 = Est, value quality control criteria for precision or accuracy not met.

J4 = Est. value, Sample matrix interference suspected.

O = Sample held beyond accepted holdtime.

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

V = Analyte detected in sample and in method blank.

#### NOTES:

MBAS calculated as LAS; molecular weight = 348.

X = Value exceeds MCL.

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.

#### 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: 11 070565 001 SYSTEM NAME: Finish Water

SYSTEM ID: 6142734

	Parameter			ANALYSIS				DATE	TIME	
I.D. 4000	NAME GROSS ALPHA	(MCL) 15	UNITS PCI/L	<b>RESULT</b> 4.7+/-1.0	QUALIFIER	<b>METHOD</b> 900.0	<b>MDL</b> 0.8	ANALYZED 07/30/2011	ANALYZED 13:04	<b>LAB ID</b> E83033
4006	URANIUM		PCI/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	PCI/L	0.5+/-0.2		903.1	0.2	07/29/2011	13:31	E83033
4030	RADIUM-228	5	PCI/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.

#### 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.

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

Results relate only to the samples.

EnviroAnalytical Inc.



FDOH 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-I+WF-2 Finish Water

SYSTEM ID:

	Parameter			ANALYSIS				DATE	TIME	
				DECULT	611411555	METHOD	MDL	ANALYZED	ANALYZED	LAB ID
I.D.	NAME	(MCL)	UNITS	RESULT	QUALIFIER	900.0	11	10/21/2011	13:25	E83033
4000	GROSS ALPHA	15	PCI/L	1.1	U	900.0	1.1	10/21/2011	10.20	
4020	RADIUM-226	_	PCI/L	0.2		903.1	0.2	10/27/2011	10:01	E83033
4020	RADIOW-220	5						10/07/0011	11:28	E83033
4030	RADIUM-228		PCI/L	0.9	U	Ra-05	0.9	10/27/2011	11.20	203033

#### 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 Beilfuss 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.

EnviroAnalytical Inc.

FDOH Certification #E84167

Peace River/Manasota R W S

8998 Sw County Road 769 Arcadia, Fl 34269

INORGANIC ANALYSIS

62-550.310 (1)

I.D.

1094

Parameter

NAME

**ASBESTOS** 

(MCL)

UNITS MFL

RESULT 0.18

**ANALYSIS** 

QUALIFIER

**METHOD** 100.2

MDL 0.18

ANALYZED 02/03/2011

**ANALYZED** 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.

**ANALYTICAL TEST REPORT** THESE RESULTS MEET NELAC STANDARDS

REPORT NUMBER: 11010718

002

SYSTEM NAME: Entry Point-Sample #2

SYSTEM ID: 6142734

DATE

TIME

LAB ID

NOTES:

MBAS calculated as LAS; molecular weight = 348.

X = Value exceeds MCL.

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

Results relate only to the samples.

FDOH Certification #E84167

EnviroAnalytical Inc.

Peace River/Manasota R W S

8998 Sw County Road 769 Arcadia, Fl 34269

**INORGANIC ANALYSIS** 

ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

REPORT NUMBER: 11010718

001

SYSTEM NAME: Entry Point-Sample #1

SYSTEM ID: 6142734

Parameter

**ANALYSIS** 

DATE

TIME

I.D. 1094 **ASBESTOS** 

62-550.310 (1)

UNITS

**QUALIFIER** 

**METHOD** 

MDL

**ANALYZED** 

ANALYZED 12:00

LAB ID

NAME

(MCL)

RESULT MFL 0.18

100.2

0.18

02/03/2011

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 Beilfuss at (941) 723-9986

Results relate only to the samples.

11010718