Biological Assessment of

City of Tarpon Springs Advanced Wastewater Treatment Facility

Pinellas County

NPDES #FL0030406

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Biology Section

Bureau of Laboratories

Division of Environmental Assessment and Restoration

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CONTENTS

Facility Overview

Methods

Results

Conclusion

Literature Cited

Tables and Figures

Table 1 Effluent limits, Class III Marine Criteria and analytical organic and pesticide data, analytical water chemistry data, microbiological, and toxicological data

Table 2 Effluent limits, Class III Marine Criteria and field parameters

Table 3 Effluent limits, Class III Marine Criteria and analytical metals data

Table 4 Measured and predicted algal growth potential (AGP)

Table 5 Sediment data

Figure 1 Sediment Particle Size (mm)

Figure 2 Sediment Percent Organics

Table 6 Macroinvertebrate Ponar samples - quantitative

Appendices

Appendix A Map of facility

Appendix B Facility Summary

Appendix C Explanation of measurements

Appendix D Chain of Custody

Appendix E Physical/Chemical and Habitat Assessment field sheets

Appendix F Chemical analyses of effluent and receiving water

EPA End Sheet

Facility Overview

The City of Tarpon Springs Advanced Wastewater Treatment Facility (AWWTF) is a domestic wastewater treatment plant. Much of the water used by the facility is diverted to reclaimed water storage tanks for public access reuse. When the storage tanks are full, excess effluent overflows a Cipolletti weir and flows by gravity to the discharge point D-001. The effluent is discharged into the Anclote River, a Class III Marine Water (see map Appendix A). The permitted discharge of the wastewater system is 4.0 million gallons per day (MGD). The annual average flow for January 2013 to December 2013 was 0.49 MGD. The flow measured during this survey was 2.39 MGD (Facility staff).

Biological assessments are prepared by FDEP staff to provide information for review of NPDES permit renewal applications. Biological assessments, in conjunction with other information concerning the subject facility and its receiving-water body, are used to determine appropriate permit conditions.

See the Facility Summary (Appendix B) for a description of the facility, a summary of permit limits, and Discharge Monitoring Report (DMR) information.

Methods

The purpose of this investigation was to determine the discharger's effects on the biota of the receiving waters. Chemical and biological comparisons were made 115 meters (m) west (Test Site West) and 75 m east (Test Site East) of outfall D-001 and at a Control Site approximately 1,500 m northeast of D-001. The Test Site locations were used because they are historical sampling sites for this facility, while the Control Site was moved from its historic sampling site to a new site co-located with a permit assigned compliance point. Samplers indicated an incoming tide at the time of sampling. The facility was discharging to the river continuously while this Fifth Year Inspection sampling was being conducted. Effluent samples were taken as composite and grab samples from monitoring location EFD-01 after effluent dechlorination.

All field and laboratory biological methods followed Bureau of Laboratories and Biology Section Standard Operating Procedures (see http://www.dep.state.fl.us/labs/library/lab_sops.htm and http://www.dep.state.fl.us/water/sas/sop/sops.htm for details) and met DEP quality assurance/quality control standards (see http://www.dep.state.fl.us/water/sas/qa/index.htm). Explanations of specific methods and measurements can be found in Appendix C.

The following were involved in this investigation: Ramandeep Kaur, Gitta Schmitt, and Sarah Ernst (DEP Southwest District) and FDEP Central Laboratory in Tallahassee. The report was reviewed by District representatives and the Point Source Studies Review Committee (Mike Tanski, Andrew Tintle, and Jennifer Weger).

Results

Physical and Chemical Parameters (See Table 1 and Appendices D, E, and F)

- The pH (Standard Units) of the effluent, Test Sites, and Control Site complied with the Class III Marine Water Quality Criteria (62-302.530, F.A.C.). The effluent permit limit for pH is for samples taken at EFA-01, but the sample was taken at EFD-01—regardless, the effluent pH is likely to have complied.
- Dissolved oxygen (mg/L and % saturation) of the effluent, at the Test Sites, and at the Control Site complied with the Class III Marine Water Quality Criteria (62-302.530, F.A.C.) and/or the effluent permit limit.

Organic Constituents - Water (See Table 2 and Appendix F)

- Sucralose was detected in the Test Site West, Test Site East, and Control Site samples, and, at a much higher concentration, in the effluent grab sample.
- The organic constituents detected in the effluent grab sample, bromodichloromethane and dibromochloromethane (listed in permit as dichlorobromomethane and chlorodibromomethane, respectively), were both below the Class III Water Quality Criteria annual average limits and the permitted monthly average limits.
- No organic constituents were detected in the field blank or trip blanks.

Nutrients (See Table 2 and Appendix F)

- Total phosphorus and total nitrogen detected in the effluent composite sample likely complied with effluent permit limits. The effluent permit limits are for a sample taken at EFA-01, but the sample was taken at EFD-01.
- Nutrient levels detected in the effluent composite sample (total phosphorus, nitrite+nitrate (NOx), total Kjeldahl nitrogen, and total nitrogen) and effluent grab sample (ortho-phosphate and total phosphorus) were greater than those nutrient levels detected in the Test Site West, Test Site East, and Control Site samples, all three of which had low amounts of each nutrient.
- Total ammonia, un-ionized ammonia, and total organic carbon were detected in similar amounts in the effluent grab, Test Site West, Test Site East, and Control Site samples.
- With the exception of total organic carbon, which was detected between the method detection limit (MDL) and practical quantitation limit (PQL), nutrients were not detected in the field blank.

Analytical Water Chemistry (See Table 2 and Appendix F)

- Chlorophyll *a* (µg/L) was not detected in the effluent grab sample. It was detected in both Test Site samples between the MDL and the PQL. It was detected at a higher amount in the Control Site sample.
- Carbonaceous biochemical oxygen demand (CBOD; mg/L) of the effluent composite sample likely complied with effluent permit limits. The effluent permit limits are for a sample taken at EFA-01, but the sample was taken at EFD-01. CBOD detected in the Test Site West, Test Site East, and Control Site samples were between the MDL and PQL.
- Total residual chlorine (TRC) of the effluent complied with effluent permit limits both prior to and after dechlorination.
- Total suspended solids (TSS; mg/L) were detected between the MDL and PQL in the effluent composite sample, which likely complied with effluent permit limits. The effluent permit limits are for a sample taken at EFA-01, but the sample was taken at EFD-01. TSS were detected between the MDL and the PQL in the Test Site West sample, and were not detected in the Test Site East or Control Site samples.
- Turbidity (NTU) and fluoride (mg/L) detected in the effluent grab, Test Site West, Test Site East and Control Site samples complied with Class III Marine Water Quality Criteria (62-302.530, F.A.C.).

Microbiology (See Table 2 and Appendix F)

- Enterococci were detected in the Test Site West, Test Site East, and Control Site samples. All of the enterococci samples were held beyond the normal holding time (Q-qualifier). Compliance with the permit limit cannot be determined because the effluent value is a single sample result and the effluent permit limit is for a geometric mean of 5 samples per month.
- Fecal coliforms detected in the Test Site West, Test Site East, and Control Site samples complied with the Class III Marine Water Quality Criteria (62-302.530, F.A.C.). Analyses were performed by Advanced Environmental Laboratories, Inc, Tampa, Florida using Standard Method 9222D.
- The effluent composite samples for microbiological analyses were taken at monitoring location EFA-01 after disinfection but prior to the effluent dechlorination chamber to check for compliance with permit limits. For comparison with instream site sample values, effluent composite or grab samples should have been taken at the end of pipe, EFD-01. Although no enterococci or fecal coliforms were detected in the effluent samples, this is likely due to a presumed high concentration of chlorine in the samples throughout their holding time.

Toxicity Whole Effluent Test (See Table 2 and Appendix F)

- Tests were performed January 14 through January 18, 2014.
- The effluent sample LC50s for the fish, *Pimephales promelas*, and for the water flea, *Ceriodaphnia dubia,* during the acute definitive bioassays were greater than 100%. No mortality was observed at any effluent concentration for both the fish and the water flea bioassays. Determination of compliance with the effluent permit limit is based on a chronic definitive bioassay, but acute definitive bioassays were requested instead.
- For more information or to obtain copies of the toxicity bench sheets, please contact the Biology Laboratory at 850-245-8177.

Metals - Water (See Table 3 and Appendix F)

- Effluent grab sample copper was detected between the MDL and the PQL and complied with the effluent permit limit.
- All metals detected in the effluent grab, Test Site West, Test Site East, and Control Site samples were present at levels that complied with Class III Marine Water Quality Criteria (62-302.530, F.A.C.).
- Metals were not detected in the field blank.

Algal Growth Potential (See Table 4 and Appendix F)

- Raschke and Shultz (1987) determined that AGP values above 10.0 mg dry weight/L, which represents a "problem" threshold for marine receiving waters, imply nutrient enrichment. The AGP for the saltwater species *Dunaliella tertiolecta* of the salinity-adjusted effluent was approximately four times greater (35.8 mg dry weight/L) than the problem threshold and much higher than the AGP values of Test Site West (3.54 mg dry weight/L) and the Control Site (4.69 mg dry weight/L) samples, both of which were below the problem threshold. The Test Site East AGP was below the MDL (3.00 mg dry weight/L, U-qualifier). The ratio of total nitrogen to total phosphorus suggests that the effluent, Test Site West, and Control Site are co-limited by both nitrogen and phosphorus, and that Test Site East, while having a N:P ratio only slightly higher than that of Test Site West, is phosphorus-limited.
- Raschke and Shultz (1987) determined that AGP values above 5.0 mg dry weight/L, which represents a "problem" threshold for fresh receiving waters, imply nutrient enrichment. The AGP value in the effluent sample using the freshwater species, *Pseudokirchneriella subcapitata,* was approximately twelve times greater (57.9) than the problem threshold value. The ratio of total nitrogen to total phosphorus suggests that the effluent is co-limited by both nitrogen and phosphorus.

Sediments (See Table 5, Figures 1 and 2, and Appendix F)

- The sediments of the Test Sites contained mostly fine and very fine sand. Test Site West also had a substantial amount of clay and silt. The Control Site contained a very small percent volume of clay, silt, and very fine sand and contained much more fine to medium sand. Percent organic content was approximately two times greater in the Test Site West sediment than in the Test Site East sediment and both Test Sites had more organic content than the Control Site.
- Copper detected in the Test Site West sediment sample (55.6 mg/kg) exceeded the Threshold Effects Level (TEL). The metals detected in the Test Site East sediment sample were detected in amounts lower than in the Test Site West sample.
- Dibenzo(a,h)anthracene (11 µg/kg, between the MDL and PQL, I-qualifier) and fluoranthene (130 µg/kg) detected in the Test Site West sediment sample exceeded the TEL. Fewer sediment organic constituents and lower amounts of each were detected in the Test Site East sediment sample as compared to the Test Site West sediment sample.
- The higher levels of sediment metals detected in the Test Site West sediment sample may be due to greater binding affinity of metals to smaller sediment particle sizes (Horowitz, 1985). Besides the detection of copper in a much lower amount than at either of the Test Sites, there were no other metals and no organic constituents detected in the Control Site sediment sample.

Bioassessment

Macroinvertebrates (See Table 6 and Appendix F)

- Macroinvertebrates were sampled using Petite Ponar grabs at both Test Sites and at the Control Site. The Shannon-Weaver diversity score of the Test Site West samples (3.16) was higher than that of the Test Site East samples (2.54), and contained nearly twice as many individuals. The Shannon-Weaver diversity score at the Control Site was 2.67, but it has the potential for a negative bias (lower score) as it was calculated from samples with less than 300 total individuals (Lande, 1996). The total number of individuals in the Control Site sample was 8 and 4 times lower than in the Test Site West and Test Site East samples, respectively. The dominant taxon in all three in-stream site samples was an amphipod species; amphipods comprised more than half the Test Site West sample and over eighty percent of the Test Site East and Control Site samples. The Test Site West sample included more tanaids and isopods than did either the Test Site East or Control Site samples. The differences in sediment grain size along with the location of Test Sites in side channels versus the river proper (Control Site) may account for some of the differences in the macroinvertebrate communities found at each of the sites.

- For more information or to obtain a copy of the taxa lists, please contact the Biology Laboratory at 850-245-8177.

Conclusion

Despite the elevated levels of nitrogen and phosphorus measured in the effluent grab and composite samples, nutrient levels were low in both Test Sites and the Control Site samples. The AGP values were highest in the effluent (fresh- and saltwater-adjusted samples) and above the problem threshold. AGP values were low in the Test Site West and the Control Site samples and below detection in the Test Site East sample. Although in compliance with permit limits, the effluent has the potential to contribute nutrients to the receiving waters. Copper, dibenzo(a,h)anthracene, and fluoranthene were detected above their respective TELs in the Test Site West sediment. The tendency of smaller sediment particles to have a high binding affinity is a probable explanation for the detection of more metals and organic constituents in the Test Site West sediment. (Horowitz, 1985). The Shannon Weaver diversity score for the Test Site West macroinvertebrate ponar sample was higher than for the Test Site East and Control Site samples, although the score of the Control Site sample has the potential for negative bias due to a low number (<300) of individuals collected (Lande 1996). The total number of individuals and taxa was highest for the Test Site West sample, followed by the Test Site East and then Control samples. The macroinvertebrate community is likely responding to, in part, the differences in sediment grain size among the sites. Long term effluent turbidity data should be reviewed to help determine whether or not the higher percent fines at the Test Sites are related to the effluent. A new Control Site with sediment grain size characteristics more similar to the Test Sites should be considered if the higher percent fines at the Test Sites are determined to be natural rather than facility induced.

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Table 1. Effluent limits, Class III Marine Criteria and field parameters

City of Tarpon Springs AWWTF	Units	Class III Criteria	Effluent Permit Limits	Effluent (Composite)	Effluent (Grab)	Test Site West	Test Site East	Control Site	Field Blank
Sample Depth	m	-	-	-	-	0.2	0.2	0.2	-
Temperature	C	-	-	-	21.69	16.61	16.31	16.98	-
pH	SU	6.5 - 8.5	6.5 - 8.5	-	7.39	7.86	7.83	7.70	-
Specific Conductance	umhos/cm	-	-	-	1,328	38,190	40,549	31,505	-
Salinity (measured)	ppth	-	-	-	-	24.33	25.98	19.65	
Salinity (calculated)	ppth	-	-	-	0.7 c	30 c	30 c	20 c	-
Dissolved Oxygen	% saturation	≥ 42	-	-	96.5 c	96.1 c	99.1 c	86.4 c	-
Dissolved Oxygen	mg/L	-	≥ 5.0	-	8.44	8.10	8.30	7.41	-
Flow	MGD	-	4.0 a	-	2.39 d	-	-	-	-

A dash (-) indicates sample/measurement was not collected or criterion/limit does not exist.

a - Annual average
c - Value is calculated
d – Daily average
L - Actual value is known to be greater than value given (appears in Appendix F)

Table 2. Effluent limits, Class III Marine Criteria and analytical water chemistry data, microbiological, and toxicological data

City of Tarpon Springs AWWTF	Units	Class III Criteria	Effluent Permit Limits	Effluent (Composite)	Effluent (Grab)	Test Site West	Test Site East	Control Site	Field Blank
Organic and Pesticide data									
Sucralose	ug/L	-	-	-	32	0.99	0.20	0.43	0.0096 U
Bromodichloromethane	ug/L	≤ 22 a	≤ 22 a	-	11	-	-	-	0.20 U
Dibromochloromethane	ug/L	≤ 34 a	≤ 34 a	-	9.5	-	-	-	0.20 U
Nutrients and Analytical Water Chemistry									
Ortho-phosphate	mg P/L	-	-	-	0.10	0.011	0.006 I	0.014	0.004 U
Total Phosphorus	mg P/L	-	≤ 2.0 p	0.093	0.14	0.031	0.022	0.034	0.002 UY
Total Ammonia	mg N/L	-	-	-	0.047	0.039	0.026	0.043	0.002 UY
Un-ionized Ammonia (measured salinity)	mg NH_3/L	-	-	-	-	< 0.02 c	< 0.02 c	< 0.02 c	-
Un-ionized Ammonia (calculated salinity)	mg NH_3/L	-	-	-	< 0.02 c	< 0.02 c	< 0.02 c	< 0.02 c	-
Nitrate and Nitrite	mg N/L	-	-	0.75	-	0.052	0.021	0.060	0.004 UY
Total Kjeldahl Nitrogen	mg N/L	-	-	0.87	-	0.52	0.44	0.49	0.080 UY
Organic Nitrogen	mg N/L	-	-	-	-	0.48 c	0.41 c	0.45 c	0.078 c[1]
Total Nitrogen	mg N/L	-	≤ 6.0 p	1.62 c	-	0.57 c	0.46 c	0.55 c	0.084 c[1]
Total Organic Carbon	mg C/L	-	-	-	6.8	5.0	4.6	6.1	0.52 IY
Chlorophyll *a* - Corrected	ug/L	-	-	-	0.55 U	1.6 I	1.3 I	2.0 A	-
Phaeophytin	ug/L	-	-	-	0.40 U	0.43 I	0.40 U	0.84 I	-
CBOD, 5 day, N - inhibited	mg/L	-	≤ 10.0 p	2.0	-	1.6 I	1.1 I	1.4 I	-
Hardness	-	-	-	-	267 c	4710 c	4790 c	4100 c	0.35 c
Total Residual Chlorine (for disinfection)	-	-	≥ 1.0	-	2.9	-	-	-	-
Total Residual Chlorine (for dechlorination)	-	-	≤ 0.1	-	0.0	-	-	-	-
Total Suspended Solids	mg/L	-	≤ 10.0 p	3 I	-	4 I	3 U	3 U	-
Total Dissolved Solids	mg/L	-	-	-	-	22,000	24,600	18,600	-
Turbidity	NTU	< 29 t	-	-	0.25	2.0	1.5	1.8	0.10 U
Color (true)	PCU	-	-	-	10	7.0	5.3 I	18	2.5 U
Alkalinity	mg CaCO3/L	-	-	-	147 Y	145	143	137	0.65 UY
Chloride	mg Cl/L	-	-	-	240	13,000	15,000	11,000	0.20 U
Fluoride	mg F/L	≤ 5.0	-	-	0.63	0.87	0.94	0.74	0.035 U
Sulfate	mg SO4/L	-	-	-	150	1,900	2,100	1,500	0.20 U
Microbiology									
Fecal Coliforms	cfu/100 mL	≤ 400	-	-	-	126 B	18 B	63 B	-
Enterococci	cfu/100 mL	-	-	-	-	36 BQ	28 BQ	28 BQ	-
Toxicity (Acute Definitive, LC50, percent effluent)									
Bioassay - Water flea *(Ceriodaphnia dubia)*	-	-	≥ 100 [2]	> 100	-	-	-	-	-
Bioassay - Fish *(Pimephales promelas)*	-	-	≥ 100 [2]	> 100	-	-	-	-	-

A dash (-) indicates sample/measurement was not collected or criterion/limit does not exist.

Table 2 qualifiers

a - Annual average
c - Value is calculated
p - 24 hour flow proportioned composite
t - Shall not exceed 29 NTUs above background
A - Value reported is the mean of two or more determinations
B - Results based on colony counts outside the acceptance range
I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
Q - Sample held beyond normal holding time
U - Material analyzed for but not detected; value reported is the method detection limit
Y - The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
1 - Value is calculated using half the MDL value of the analyte(s) that were not detected
2 - Effluent permit limit is for IC25 chronic definitive bioassay

Table 3. Effluent limits, Class III Marine Criteria and analytical metals data

City of Tarpon Springs AWWTF	Units	Class III Criteria	Effluent Permit Limits	Effluent	Test Site West	Test Site East	Control Site	Field Blank
Aluminum	ug/L	≤ 1500	-	24	60	29 I	77	5.0 U
Arsenic	ug/L	-	-	0.60 I	1.5 I	1.5 I	1.4 I	0.25 U
Cadmium	ug/L	≤ 8.8	-	0.050 U	0.15 U	0.15 U	0.15 U	0.050 U
Calcium	mg/L	-	-	83.7	310	331	268	0.075 U
Chromium, Total [m]	ug/L	≤ 50	-	0.30 U	0.90 U	0.90 U	0.90 U	0.30 U
Copper	ug/L	≤ 3.7	≤ 3.7	0.86 I	2.5 I	3.0 I	2.6 I	0.50 U
Iron	ug/L	≤ 300	-	68 I	90 U	90 U	90 U	30 U
Lead	ug/L	≤ 8.5	-	0.20 U	0.60 U	0.60 U	0.60 U	0.20 U
Magnesium	mg/L	-	-	14.2	957	962	833	0.040 U
Nickel	ug/L	≤ 8.3	-	1.42	1.1 I	1.1 I	1.1 I	0.25 U
Potassium	mg/L	-	-	14.6	275	288	247	0.30 U
Selenium	ug/L	≤ 71	-	0.20 U	0.75 I	0.63 I	0.74 I	0.20 U
Silver	ug/L	≤ 2.3	-	0.025 U	0.075 U	0.075 U	0.075 U	0.025 U
Sodium	mg/L	-	-	169	7,440	8,670	6,570	0.50 U
Zinc	ug/L	≤ 86	-	14 I	15 U	15 U	15 U	5.0 U

A dash (-) indicates sample/measurement was not collected or criterion/limit does not exist.

m - Class III Marine Water Quality Criterion (62-302.530(19)(b), F.A.C.) is for chromium-VI

I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

U - Material analyzed for but not detected; value reported is the method detection limit

Table 4. Measured and predicted algal growth potential (AGP; mg dry weight/L) for total soluble inorganic nitrogen (TSIN), ortho-phosphate (OP), total nitrogen (TN) and total phosphorus (TP) limitation and ratios of nitrogen to phosphorus

City of Tarpon Springs AWWTF								
Location	**Test Species**	**AGP (measured)**	**Predicted AGP (TSIN) ± 20%**	**Predicted AGP (OP) ± 20%**	**Predicted AGP (TN) ± 20%**	**Predicted AGP (TP) ± 20%**	**Inorganic N:P ratio**	**Total N:P ratio**
Effluent	*Pseudokirchneriella subcapitata*	57.9	30.3 ± 6.1	43 ± 8.6	61.6 ± 12.3	60.2 ± 12	8	11.6
Effluent [3]	*Dunaliella tertiolecta*	35.8	not applicable [4]	not applicable [4]	not applicable [4]	not applicable [4]	8	11.6
Test Site West	*Dunaliella tertiolecta*	3.54	not applicable [4]	not applicable [4]	not applicable [4]	not applicable [4]	8.3	18.5
Test Site East	*Dunaliella tertiolecta*	3.00 AU	not applicable [4]	not applicable [4]	not applicable [4]	not applicable [4]	7.8	21
Control Site	*Dunaliella tertiolecta*	4.69	not applicable [4]	not applicable [4]	not applicable [4]	not applicable [4]	7.4	16.2

A - Value reported is the mean of two or more determinations
U - Material analyzed for but not detected; value reported is the method detection limit
3 - Sample salinity adjusted to 7.1 ppth
4 - Predictions not applicable to marine matrix

Table 5. Sediment data

City of Tarpon Springs AWWTF	Units	Sediment Quality Assessment Guidelines		Test Site West	Test Site East	Control Site
		TEL	PEL			
Particle Size Distribution						
< 0.063 mm	% vol <2mm	-	-	22.8	13.8 A	0.130
0.063 - 0.125 mm	% vol <2mm	-	-	23.9	24.0 A	4.95
0.125 - 0.25 mm	% vol <2mm	-	-	38.9	53.2 A	62.9
0.25 - 0.5 mm	% vol <2mm	-	-	9.32	7.80 A	29.8
0.5 - 2.0 mm	% vol <2mm	-	-	5.13	1.25 AJ	2.20
> 2.0 mm	%tot dry wt	-	-	1.0 K	1.0 K	1.0 K
Organic Content						
Organic Content	% dry wt	-	-	2.0 A	1.1	1.0 K
Metals						
Cadmium	mg/kg	0.676	4.21	0.044 U	0.041 U	0.038 U
Chromium	mg/kg	52.3	160	3.80	1.56	0.61 I
Copper	mg/kg	18.7	108	55.6 [5]	3.58	0.97
Lead	mg/kg	30.2	112	2.6	1.3	0.77 I
Nickel	mg/kg	15.9	42.8	1.03	0.45 I	0.22 I
Silver	mg/kg	0.733	1.77	0.028 I	0.010 U	0.0096 U
Zinc	mg/kg	124	271	9.7	3.6 I	1.5 U
Sediment organic constituents						
Anthracene	ug/kg	46.9	245	17 I	9.4 U	8.9 U
Benzo(a)anthracene	ug/kg	74.8	693	57	14 I	8.9 U
Benzo(a)pyrene	ug/kg	88.8	763	50	18 I	8.9 U
Benzo(b)fluoranthene	ug/kg	-	-	76	18 I	8.9 U
Benzo(g,h,i)perylene	ug/kg	-	-	39 I	13 I	8.9 U
Benzo(k)fluoranthene	ug/kg	-	-	47	19 I	8.9 U
Chrysene	ug/kg	108	846	72	23 I	8.9 U
Dibenzo(a,h)anthracene	ug/kg	6.22	135	11 I [5]	9.4 U	8.9 U
Fluoranthene	ug/kg	113	1494	130 [5]	25 I	8.9 U
Indeno(1,2,3-cd)pyrene	ug/kg	-	-	34 I	11 I	8.9 U
Phenanthrene	ug/kg	86.7	544	79	9.4 U	8.9 U
Pyrene	ug/kg	153	1398	110	28 I	8.9 U

Sediment Quality Assessment Guidelines (MacDonald 1994): TEL = Threshold Effects Level; PEL = Probable Effects Level
A dash (-) indicates sample/measurement was not collected or criterion/limit does not exist.

A - Value reported is the mean of two or more determinations
I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J - Estimated value
K - Actual value is known to be less than value given
U - Material analyzed for but not detected; value reported is the method detection limit
5 - Exceeds the threshold effects level (TEL) from Sediment Quality Assessment Guidelines (MacDonald 1994)

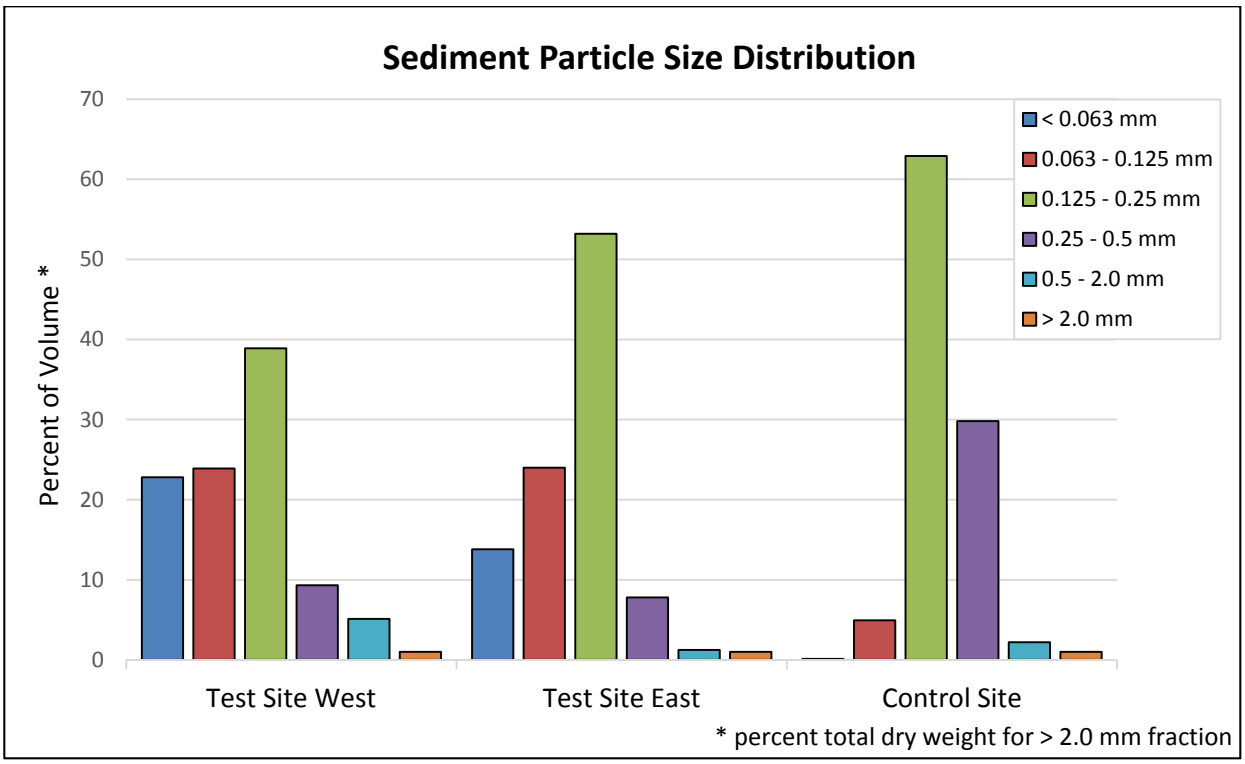


Figure 1. Sediment particle size for sampling sites at City of Tarpon Springs AWWTF, January 13, 2014

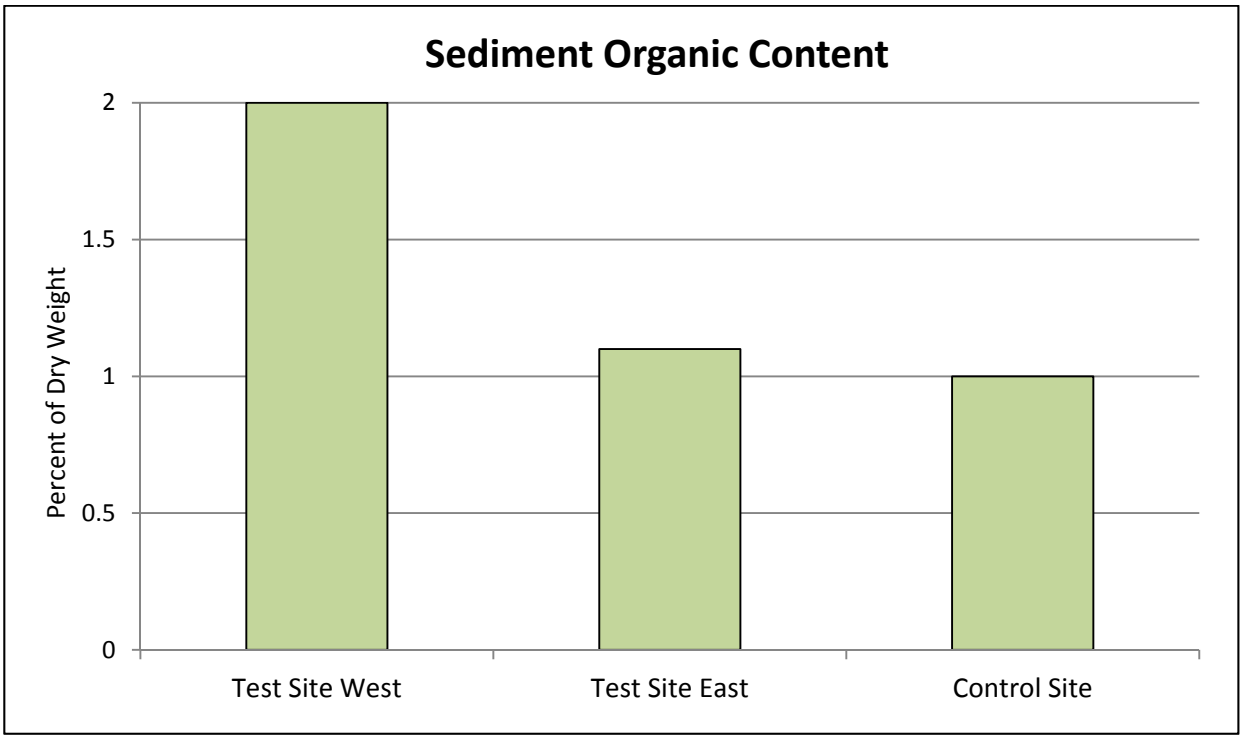


Figure 2. Sediment organic content for sampling sites at City of Tarpon Springs AWWTF, January 13, 2014

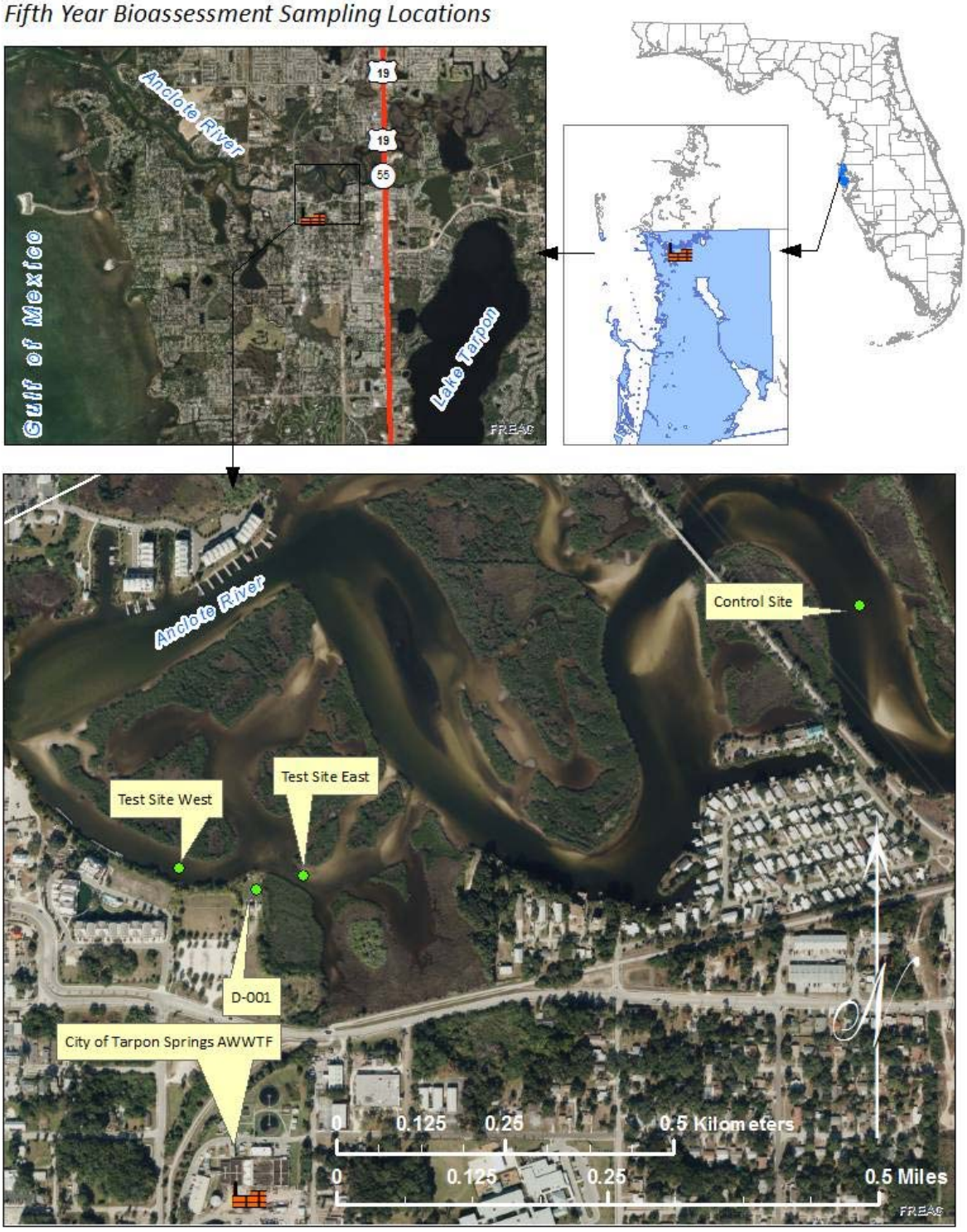
Table 6. Macroinvertebrate Ponar samples - quantitative

City of Tarpon Springs AWWTF	Test Site West	Test Site East	Control Site
Summary Statistics			
Shannon-Weaver Diversity	3.16	2.54	2.67 [6]
Number of Taxa	51	29	17
Percent Dominant Taxon	35.4	48.8	32.2
Dominant Taxon Name	*Grandidierella bonnieroides* (Amphipoda)	*Cerapus benthophilus* (Amphipoda)	*Grandidierella bonnieroides* (Amphipoda)
Number of samples/site	3	3	3
Total Number of Individuals (counted)	1487	777	183 [6]
Total Number of Individuals (#/m^2)	20653	10792	2542
Community Composition: Percent of total			
Amphipoda	57.8	82.8	85.2
Bivalvia	1.8	1.4	0.6
Cumacea	0.8	1.2	5.5
Gastropoda	1.2	1.2	2.2
Isopoda	10.1	2.6	1.1
Mysidacea	0.0	0.1	0.6
Nemertea	0.2	0.0	1.1
Oligochaeta	0.6	0.1	0.6
Platyhelmenthes	0.7	1.9	0.0
Polychaeta	4.6	2.5	3.3
Tanaideacea	21.8	6.3	0.0
Other	0.4	0.0	0.0

6 - Shannon Weaver Diversity scores calculated on samples with < 300 individuals have the potential for negative bias (lower diversity scores compared to sites with more individuals) (Lande 1996).

Appendix A

Map of Facility



Appendix B

Facility Summary

State of Florida
Department of Environmental Protection Facility Introduction & Summary

PART I: Information gathered prior to sampling event	
Prepared By: Ramandeep Kaur	**Contact Number:** (813)-470-5771
Facility Name (as it appears on permit): City of Tarpon Springs AWWTF	**Former Names:**
NPDES Permit Number: FL0030406	**Permit Expiration Date:** September 16, 2014
Physical Address: 201 East Pine St. Tarpon Springs, FL 34697	
District: SWD	**County: Pinellas**
Function of Facility: Domestic Wastewater Treatment Plant	
Facility Type: Domestic Wastewater	**Permitted Capacity (MGD): 4.0**
Mean Flow for previous 12 months for all EXTERNAL outfalls listed in permit (list date range including months): 0.51 MGD (November 2012- November 2013)	
If applicable, Mean Flow for previous 12 months for REUSE outfall(s) (list date range including months):	

Description of Sampling Location(s) - actual permit designation of permitted sampling point(s):

Monitoring Location Site Number	Description of Monitoring Location
EFA-01	Sampling location at the end of the chlorine contact chamber, after disinfection and prior to R-001 or D-001
EFB-01	Sampling location for turbidity/ TSS after filtration and prior to disinfection
EFD-01	Sampling location for effluent at outfall D-001 to Anclote River
FLW-02	Flow meter after the chlorine contact chamber.

Description of Permitted Outfall(s):

Surface Water Discharge:

An existing 4.0 MGD AADF permitted discharge to Anclote River (Class III marine waters, WBID #1440) at Discharge Location (D-001) which is approximately 1100 feet north of the facility and discharges at a depth of approximately 3 feet. The 30-inch transmission pipe connects to a concrete box that discharges at the river bank. The point of discharge is located approximately at latitude 28º 09' 20" N, longitude 82º 45' 12" W.

Description of Treatment Process (if multiple discharge points, include a detailed map or diagram of facility):

An existing 4.0 million gallon per day (mgd) annual average daily flow (AADF), Type I advanced domestic wastewater treatment facility, using the 5-stage Bardenpho Biological Nutrient Removal process, consisting of the following components: an on-site influent duplex pumping station, a hydrogen peroxide odor control system, a headworks with a Huber Technology STEP SCREEN® Flexible mechanically cleaned fine screen, two manually cleaned bar screens, two mechanically cleaned bar screens and a single Fluidyne vortex grit removal system. Flow passes through a 36-inch Parshall flume/ultrasonic flow meter then to two fermentation tanks of 165,000 gallons each for a total capacity of 330,000 gallons, two primary anoxic tanks of 251,000 gallons each, providing a total volume of 502,000 gallons, two aeration basins of 665,000 gallons each for a total volume of 1,330,000 gallons, two secondary anoxic basins of 289,000 gallons each for a total volume of 578,000 gallons, one re-aeration basin of 75,000 gallons, two secondary clarifiers of 451,000 gallons each, providing a total volume of 902,000 gallons, and a total surface area of 10,053 square feet, two traveling bridge filters with automatic backwash capability of 1,728 square feet total surface area, a second flow measurement system using a 30-inch suppressed rectangular weir with sonic meter, an inline static mixer, a ground storage/effluent pumping station containing five vertical turbine pumps, and two chlorine contact tanks of 87,000 gallons total volume, using liquid chlorination.

From the chlorine contact chamber, chlorinated effluent is routed to either the Part III public access reuse system, R-001 or the surface water discharge location, D-001. Chlorinated effluent which does meet Part III quality standards overflows a motor-driven sluice gate by gravity to two on-site above ground reclaimed water storage tanks (RWST1 and RWST2) of 2.0 million gallons each. The reclaimed water is then pumped from the storage tanks by a reuse pumping station to the Part III system described below. When the storage tanks are full, excess effluent overflows a Cipolletti weir and flows by gravity to discharge location D-001 on the Anclote River as described below. Dechlorination is accomplished initially at the Cipolletti weir structure and again at the dechlorination facility just prior to discharge.

A pump station diverts filter backwash and other plant process waters to the fermentation basins. Alum coagulant feed is available in the reaeration basin for solids control. Three automatic startup generators with a total output of 604 KW are available as alternative power sources. A SCADA system monitors and controls plant operation. The residuals handling stream consists of one 250,000 gallon sludge holding tank, two dewatering centrifuges, sludge feed pumps, and truck loading facility. After dewatering, residuals are transported to a permitted residuals management facility for further treatment and disposal. Effluent failing to meet Part III public access quality standards is directed by an automatic valve system to RWST2, then to the head of the plant for retreatment. The onsite storage is controlled and operated in accordance with the plant operating protocol for reliability and safeguards on the quality of the reclaimed water.

PART I: Continued

Receiving Waters:	Classification (indicate whether fresh or marine):
Anclote River	Class III Marine water body

List Permit Violations (DMR data) and plant upsets that occurred at the plant within the last year:

Monitoring Date	Outfall Indicator	Parameter Description	Data	Limit	Statistical Base	Units
12/31/2009	001-1	CHLORINE, TOTAL RESIDUAL	0.2	0.01	MAXIMUM	mg/L
2/28/2010	001-1	COLIFORM, FECAL, % LESS THAN DETECTION	67	75	MINIMUM	%
3/31/2010	001-1	COPPER, TOTAL RECOVERABLE	4.5	3.7	MAXIMUM	ug/L
2/28/2011	001-1	CHLORINE, TOTAL RESIDUAL	1.68	0.01	MAXIMUM	mg/L
3/31/2011	001-1	SOLIDS, TOTAL SUSPENDED	6	5	MAXIMUM	mg/L
5/31/2012	001-1	COPPER, TOTAL RECOVERABLE	3.9	3.7	MAXIMUM	ug/L
6/30/2012	001-1	OXYGEN, DISSOLVED (DO)	3.1	5	MINIMUM	mg/L
10/31/2012	001-1	COPPER, TOTAL RECOVERABLE	3.8	3.7	MAXIMUM	ug/L

Describe previous FYI and WQBEL study: 2008 FYI report submitted as separate email attachment.
Describe previous or current Enforcement Actions (including WLs): N/A
Describe any violations or problems noted in previous inspection: N/A
Discuss whether DMR trends within previous five years are improving or declining:
Additional Comments (this should include a trend of the Effluent, i.e. if the facility is now Reuse):

Chronic Whole Effluent Toxicity Testing

The permittee shall comply with the following whole effluent toxicity testing requirements and initiate the series of tests described below within 60 days of permit issuance, unless otherwise directed by the Department in writing, to evaluate chronic whole effluent toxicity of the discharge from outfall D-001 to Anclote River.

a. Effluent Limitation

(1) Whole effluent chronic toxicity shall not exceed a 25 percent inhibition concentration (IC25) of less than 100% effluent in any test and Rules 62-302.530(61) and 62-4.241(1)(b), F.A.C.

(2) In the chronic toxicity test, the effluent cannot be acutely toxic, in accordance with 62-302.200(1) and 62-302.500(1)(a)(4).

b. Monitoring Frequency

(1) The "routine" toxicity tests specified shall be conducted *once every six months.*

c. Sampling Requirements

(1) For each routine test or additional follow-up test conducted, a total of three *flow proportional 24-hour composite* samples of final effluent shall be collected and used in accordance with the sampling protocol discussed in EPA-821-R-02-013, Section 8, or the most current edition.

(2) The first sample shall be used to initiate the test. The remaining two samples shall be collected according to the protocol and used as renewal solutions on Day 3 (48 hours) and Day 5 (96 hours) of the test.

(3) Samples for routine and additional follow-up tests shall not be collected on the same day.

(4) If the duration of the discharge is less than 24-hours, the duration of discharge shall be documented on the chain of custody. Each sample shall be analyzed for total residual chlorine and pH at the time of sample collection. Should the discharge last less than 24 hours, the bioassay shall be run on the volume collected, however, three samples must be collected.

d. Test Requirements

(1) Routine Tests: All routine tests shall be conducted using a control (0% effluent) and a minimum of five test dilutions: **100%**, **50%**, **25%**, **12.5%**, and **6.25%** final effluent.

(2) The permittee shall conduct a daphnid, **Ceriodaphnia dubia**, Survival and Reproduction Test and a fathead minnow, **Pimephales promelas**, Larval Survival and Growth Test, concurrently.

(3) All test species, procedures and quality assurance criteria used shall be in accordance with **Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms**, 4th ed., EPA-821-R-02-013 or the most current edition. Any deviation of the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use.

(4) The control water and dilution water shall be moderately hard water as described in EPA-821-R-02-013, Section 7 or the most current edition.

e. Quality Assurance Requirements

(1) A standard reference toxicant (SRT) quality assurance (QA) chronic toxicity test shall be conducted with each species used in the required toxicity tests either concurrently or initiated no more than 30 days before the date of each routine or additional follow-up test conducted. Additionally, the SRT test must be conducted concurrently if the test organisms are obtained from outside the test laboratory unless the test organism supplier provides control chart data from at least the last five monthly chronic toxicity tests using the same reference toxicant and test conditions. If the organism supplier provides the required SRT data, the organism supplier's SRT data and the test laboratory's monthly SRT-QA data shall be included in the reports for each companion routine or additional follow-up test required.

(2) If the mortality in the control (0% effluent) exceeds 20% for either species in any test or does not meet "test acceptability criteria", the test for that species (including the control) shall be invalidated and the test repeated. Test acceptability criteria for each species are defined in EPA-821-R-02-013, Section 13.12 (**Ceriodaphnia dubia**) and Section 11.11 (**Pimephales promelas**) or the most current edition. The repeat test shall begin within 21 days after the last day of the invalid test.

(3) If 100% mortality occurs in all effluent concentrations prior to the end of any test and the control mortality is less than 20% at that time, the test (including the control) shall be terminated with the conclusion that the test fails and constitutes non-compliance.

(4) Additional follow-up tests shall be evaluated for acceptability based on the observed dose-response relationship as required by EPA- 821-R-02-013, Section 10.2.6. or the most current edition, and the evaluation shall be included with the bioassay laboratory reports.

List <u>current</u> Effluent Limits of Outfall(s) to be Sampled: This should include any AO or CO limits the facility may be under
(Leave cell blank if not applicable)

Surface Water Discharges: During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent to Outfall D-001. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.C.8:

			Reclaimed Water Limitations				Monitoring Requirements			
Parameter	**Units**	**Max/Min**	**Annual Average**	**Monthly Average**	**Weekly Average**	**Single Sample**	**Monitoring Frequency**	**Sample Type**	**Monitoring Location Site Number**	**Notes**
Flow, D-001	MGD	Maximum	4.0	Report	-	-	Continuous	Recording flow meters and totalizers	FLW-02	See Cond.I.A.4
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	5.0	6.25	-	10.0	Weekly	24-hour flow proportioned composite	EFA-01	
Solids, Total Suspended	MG/L	Maximum	5.0	6.25	-	10.0	Weekly	24-hour flow proportioned composite	EFA-01	
Solids, Total Suspended (for disinfection)	MG/L	Maximum	-	-	-	5.0	4 Days/Week	Grab	EFB-01	See Cond.I.A.5
Nitrogen, Total (as N)	MG/L	Maximum	3.0	3.75	-	6.0	Weekly	24-hour flow proportioned composite	EFA-01	
Phosphorus, Total (as P)	MG/L	Maximum	1.0	1.25	-	2.0	Weekly	24-hour flow proportioned composite	EFA-01	
pH	SU	Range	-	-	-	6.5 to 8.5	Continuous	Meter	EFA-01	See Cond.I.A.3
Coliform, Fecal, % less than detection	PERCENT	Minimum	-	75	-	-	Monthly	Calculation	EFA-01	See Cond.I.A.5
Coliform, Fecal	#/100 ML	Maximum	-	-	-	25	4 Days/Week	Grab	EFA-01	See Cond.I.A.5
Total Residual Chlorine (For Disinfection)	MG/L	Minimum	-	-	-	1.0	Continuous	Meter	EFA-01	See Cond.I.A.3 & 6
Total Residual Chlorine (For Dechlorination)	MG/L	Maximum	-	-	-	0.01	7 Days/Week	Grab	EFD-01	
Chlorodibromomethane	UG/L	Maximum	34.0	-	-	-	Monthly	Grab	EFD-01	
Dichlorobromomethane	UG/L	Maximum	22.0	-	-	-	Monthly	Grab	EFD-01	
Oxygen, Dissolved (DO)	MG/L	Minimum	-	-	-	5.0	7 Days/Week	Grab	EFD-01	
Copper, Total Recoverable	UG/L	Maximum	-	-	-	3.7	Monthly	Grab	EFD-01	
Enterococci	#/100ML	Maximum	-	35	-	-	5 Days/Month	Grab	EFA-01	See Cond.I.A.7
Whole Effluent Toxicity (Chronic) Inhibition Concentration 25	PERCENT	Minimum	-	-	-	100	Every six months	24-hour flow proportioned composite	EFD-01	See Cond.I.A.9

City of Tarpon Springs AWWTF, Permit #: FL0030406; FYI3
PART II: Sampling Event Information

Date(s) sample collected: January 13, 2014	**Sampler(s):** Ramandeep Kaur, Sara Bergeron, Gitta Schmitt, Sarah Ernst
Temperature (Deg C): 21.69	**pH (SU):** 7.39
Dissolved Oxygen (mg/L): 8.44 (DO% 96.5)	**Conductivity (umhos/cm):** Salinity: 0.66 PPTh
Total Residual Chlorine (mg/L):	**Total Residual Chlorine - after Disinfection (mg/L):**
Method of Chlorination: Gaseous Chlorination System	**Method of De-chlorination:** Sodium bisulfate

Flow During Sample Collection for each outfall(MGD): 2.39

Mean Flow for each outfall for previous 12 months based on sampling date (If samples are taken on more than one day, indicate Mean Flow for each day): 0.51 MGD (November 2012- November 2013)

Describe Discharge during Sampling Event:

☒ **Continuous** ☐ **Intermittent** ☐ **Seasonal** ☐ **Rainfall Dependent** ☐ **Other, please specify**

Describe any conditions, difficulties or abnormal events that occurred during the sample collection and any other additional comments here:

Samples were collected from outfall D-001- Discharge sampling point.





Discharge sampling point –D-001 and Site pic- Biology sampling

Appendix C

Explanation of Measurements

(1) Quality Assurance and Quality Control

FDEP's quality assurance requirements for analytical laboratories and field activities are codified in Chapter 62-160, F.A.C., Quality Assurance (QA Rule) and in internal Standard Operating Procedures (FDEP SOPs). Methods for all analyses are on file at the FDEP Central Laboratory in Tallahassee and may be viewed on the web at http://www.dep.state.fl.us/labs/library/lab_sops.htm and/or http://www.dep.state.fl.us/water/sas/sop/sops.htm.

(2) Chemical Analyses of the Effluent

The effluent was analyzed for nutrients, metals, organic constituents (base, neutral, and acid extractables) and pesticides following FDEP SOPs. The results from these analyses were compared with Water Quality Criteria (62-302, F.A.C.) and facility permit limits.

(3) Toxicity Bioassays

Greater than 50% mortality in an acute toxicity test may constitute an exceedance of 62-302.500(1)a and/or facility permit limits. A 25% inhibition concentration (IC25) is the effluent concentration causing a 25% reduction in a biological response such as biomass or reproduction when compared to a control population. An IC25 of less than 100% in a chronic test may constitute exceedances of 62-302.530(20), 62-302.530(61) and/or facility permit limits. A no observed effect concentration (NOEC) less than 100% effluent in a chronic test may constitute an exceedance of 62-302.530(61) and/or facility permit limits. Standard reference toxicant (SRT) tests are conducted monthly to ensure quality in toxicity testing.

(4) Bacteriological Testing

High levels of fecal coliform bacteria may constitute an exceedance of 62-302.530(6) and/or facility permit limits. Fecal coliform and enterococci results often are based on colony counts outside the acceptable range (B-qualifier). The dilutions performed on the sample did not yield results within the method acceptable range of 20- 60 colony forming units per plate. The B-qualifier does not affect data quality.

(5) Chlorophyll *a* Content

Chlorophyll *a* content is an estimate algal biomass. High algal biomass implies nutrient stress (Stevenson and Bahls 1999) and may constitute exceedances of 62-302.530(46), F.A.C., 62-302.530(47)(a), F.A.C., and/or 62-302.530(47)(b), F.A.C..

(6) Algal Growth Potential (AGP)

The algal growth potential (AGP) value is the peak growth of the alga within that 14-day period, recorded as mg dry weight/L. Raschke and Shultz (1987) found that an AGP above 10.0 mg dry weight/L represents a “problem” threshold for marine receiving waters, implying nutrient enrichment. High AGP values may constitute exceedances of 62-302.530(46), F.A.C., 62-302.530(47)(a), F.A.C. and/or 62-302.530(47)(b), F.A.C..

The concentration of nutrients in a water sample may be used to calculate the expected yield of AGP in a low salinity sample under the assumption that other required nutrients (e.g. silicon, micronutrients) are present in excess (Miller *et al*. 1978). The expected amount of production is calculated as 38 times the total soluble inorganic nitrogen (nitrate and nitrite plus ammonia) under nitrogen limitation or 430 times the ortho-phosphate (OP) concentration under phosphorus limitation with an error of $\pm$ 20%. When the ratio of nitrogen to phosphorus (N:P) is less than 10:1, nitrogen limitation of algal production is likely. When the N:P ratio is 20:1 or greater, phosphorus limitation is likely (EPA-822-B-00-002). For ratios in-between, co-limitation may occur. Production of lower biomass than expected may be evidence of growth inhibition related to toxic compounds present in the water sample tested and may constitute an exceedance of 62-302.530(61) F.A.C. Expected AGP is not calculated for marine samples incubated with *Dunaliella*.

(7) Sediment Sampling

Sediments were collected using a petite ponar dredge at all sampling stations. Sediment samples were analyzed for metals, organic constituents, pesticides, organic content and sediment grain size. The results from these analyses were compared with sediment quality assessment guidelines applicable to Florida coastal waters (Table 4. in MacDonald 1994). The range of sediment contaminant concentrations that fall below the threshold effects level (TEL) are not likely to be associated with adverse biological effects on aquatic organisms. The range of sediment contaminant concentrations that fall above the probable effects level (PEL) are usually or always associated with adverse biological effects. Within the range of

concentrations delineated by the TEL (lower limit) and the PEL (upper limit), adverse biological effects are possible but it is difficult to predict the occurrence, nature, and/or severity of these effects (MacDonald 1994).

(8) Benthic Macroinvertebrate Assemblages

Benthic macroinvertebrates were collected using a petite ponar dredge at all sampling stations. Six replicate ponar samples were collected at each station and sieved through a 500 μm mesh. Benthic macroinvertebrates were sorted and identified to the lowest practical taxonomic level, usually species.

Taxa richness: Taxa richness is the number of distinct macroinvertebrate taxa present in a sample. Decreases in taxa richness related to a facility's effluent may constitute exceedances of 62-302.530(46) F.A.C., 62-302.530(47)(a), F.A.C., 62-302.530(47)(b), F.A.C. and/or 62-302.530(61), F.A.C..

Percent Contribution of Dominant Taxon: Percent contribution of the dominant taxon is calculated by dividing the number of individuals in the most abundant taxa by the total number of individuals counted. Percent contribution of the dominant taxon tends to increase with increasing perturbation (Plafkin *et al*., 1989). Increases in the percent contribution of the dominant taxon related to a facility's effluent may constitute exceedances of 62-302.530(46), F.A.C., 62-302.530(47)(a), F.A.C. and/or 62-302.530(47)(b), F.A.C..

Community Composition: Shifts in proportions of major groups of organisms downstream of a point source, compared to upstream, control conditions, may indicate negative effects of a discharge (Karr and Chu 1998). Shifts in community composition related to a facility's effluent may constitute exceedances of 62-302.530(46) F.A.C., 62-302.530(47)(a) F.A.C., 62-302.530(47)(b) F.A.C. and/or 62-302.530(61), F.A.C.

Functional Feeding Groups: Environmental degradation may differentially affect groups of invertebrates based on how the group feeds (e.g. predators, deposit feeders, etc.). Changes in the proportions of functional feeding groups related to a facility's effluent may constitute exceedances of 62-302.530(46), F.A.C., 62-302.530(47)(a), F.A.C., 62-302.530(47)(b), F.A.C. and/or 62-302.530(61), F.A.C..

Shannon-Weaver Diversity Index: This index is specified in the Florida Administrative Code 62-302 as a measure of biological integrity. Low diversity scores are undesirable. Where diversity is low, only a few taxa are abundant as compared to an area where many taxa are present in equitable abundance among taxa (Magurran 1988). A difference of 25% in Shannon-Weaver diversity between samples at test and control sites constitutes exceedances of 62-302.530(10), F.A.C.

(9) Definition of Qualifiers

A - Value reported is the mean of two or more determinations
B - Results based on colony counts outside the acceptable range
I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J - Estimated value
K - Actual value is known to be less than value given
L - Actual value is known to be greater than value given
N - Presumptive evidence of presence of material
O - Sampled, but analysis lost or not performed
Q - Sample held beyond normal holding time
T - Value reported is less than the criterion of detection
U - Material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed
V - Analyte was detected in both sample and method blank
X - Too few individuals to calculate SCI value
Y - The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate
Z - Colonies were too numerous to count (TNTC)

Appendix D

Chain of Custody

Florida Department of Environmental Protection

Central Laboratory Sample Submittal Form

Event ID *

Request Number: RQ-2014-01-13-12
FYI5 City of Tarpon Springs Sampling Inspection

Requester: Jennifer G. Weger

Field Report Prepared By: Ramandeep Kaur

Customer: SW-DIST
Project ID: FYI3
PMAS: 1143

Collected By: Ramandeep Kaur, Sara

Send Final Report To: Ilia Balcom

Sampling Agency: FDEP - SWD

Lab ID *: 41085
Location: D-001
Field ID:
Matrix (include type e.g. Salt, Fresh, etc):
Temp (C): 21.69
pH: 7.39
Latitude: ☐ dd ☐ dms
Longitude: ☐ dd ☐ dms
☐ Comp ☑ Grab
Collection (comp begin or grab) Eastern Central: Date 1-13-14 Time 1055
Composite end Date Time Eastern Central:
Tot Res Chlorine (mg/L):
Diss Oxygen (mg/L): 8.44 (0.0% - 96.5%)
Storet Station Number:
Sample Depth ☐ m ☐ ft: 0.66
☑ Salinity (PPTh)
☑ Sp Conductance (umho/cm): 1328
NPDES Number:
Bottle Group(s)**: A
Comments:

Lab ID *: 41086
Location: D-001-Composite Sample
Field ID:
Matrix (include type e.g. Salt, Fresh, etc):
Temp (C):
pH:
Latitude: ☐ dd ☐ dms
Longitude: ☐ dd ☐ dms
☑ Comp ☐ Grab
Collection (comp begin or grab) Eastern Central: Date 1-12-14 Time 1000
Composite end Date 1-13-14 Time 1010 Eastern Central
Tot Res Chlorine (mg/L):
Diss Oxygen (mg/L):
Storet Station Number:
Sample Depth ☐ m ☐ ft:
☐ Salinity (PPTh)
☐ Sp Conductance (umho/cm):
NPDES Number:
Bottle Group(s)**: B
Comments:

Lab ID *: 41087
Location: Field Blank
Field ID:
Matrix (include type e.g. Salt, Fresh, etc): DI Water
Temp (C):
pH:
Latitude: ☐ dd ☐ dms
Longitude: ☐ dd ☐ dms
☐ Comp ☐ Grab
Collection (comp begin or grab) Eastern Central: Date 1-13-14 Time 1140
Composite end Date Time Eastern Central:
Tot Res Chlorine (mg/L):
Diss Oxygen (mg/L):
Storet Station Number:
Sample Depth ☐ m ☐ ft:
☐ Salinity (PPTh)
☐ Sp Conductance (umho/cm):
NPDES Number:
Bottle Group(s)**: C
Comments:

Lab ID *:
Location:
Field ID:
Matrix (include type e.g. Salt, Fresh, etc):
Temp (C):
pH:
Latitude: ☐ dd ☐ dms
Longitude: ☐ dd ☐ dms
☐ Comp ☐ Grab
Collection (comp begin or grab) Eastern Central: Date Time
Composite end Date Time Eastern Central:
Tot Res Chlorine (mg/L):
Diss Oxygen (mg/L):
Storet Station Number:
Sample Depth ☐ m ☐ ft:
☐ Salinity (PPTh)
☐ Sp Conductance (umho/cm):
NPDES Number:
Bottle Group(s)**:
Comments:

Relinquished By:	Date/Time	Shipping Method:	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Ramandeep Kaur	1-13-14/1530	FEDEX						1-14-14/10:30

1-14-14 11:12 4 bioassays AP

* Shaded Areas for Lab use only.

** Please see reverse side for Bottle Group information.

last revised October 1, 2003

Florida Department of Environmental Protection

Event ID *

Request Number: RQ-2014-01-13-12
FYI5 City of Tarpon Springs Sampling Inspection

Central Laboratory Sample Submittal Form

Requester: Jennifer G. Weger

Field Report Prepared By:

Customer: SW-DIST
Project ID: FYI3
PMAS: 1143

Collected By: Sarah Brust & Gitta Schmitt

Send Final Report To: Ilia Balcom

Sampling Agency: FDEP - SWD ROC

Lab ID *	Location	Collection (comp begin or grab) Eastern Central	Composite end Eastern Central	Bottle Group(s)**
41082	TARPON REF	☐ Comp ☒ Grab Date 01.13 Time 1113	Date Time	D / B
	Field ID: 41082	Tot Res Chlorine (mg/L):	Diss Oxygen (mg/L): 7.41	Storet Station Number:
	Matrix (include type e.g. Salt, Fresh, etc): Water + Sediment	Temp (C): 16.98	pH: 7.70	Sample Depth ☒ m ☐ ft: Ø.2
	Salinity (PPTh):	Sp Conductance (umho/cm): 31505	NPDES Number: FL0030406	
	Latitude ☐ dd ☐ dms:	Longitude ☐ dd ☐ dms:	Comments:	

Lab ID *	Location	Collection (comp begin or grab) Eastern Central	Composite end Eastern Central	Bottle Group(s)**
41083	TARPONTST1	☐ Comp ☒ Grab Date 01.13 Time 1212	Date Time	D / B
	Field ID: 41083	Tot Res Chlorine (mg/L):	Diss Oxygen (mg/L): 8.10	Storet Station Number: 24040025
	Matrix (include type e.g. Salt, Fresh, etc): Water + Sediment	Temp (C): 16.61	pH: 7.86	Sample Depth ☒ m ☐ ft: 0.2
	Salinity (PPTh):	Sp Conductance (umho/cm): 38190	NPDES Number: FL0030406	
	Latitude ☐ dd ☐ dms:	Longitude ☐ dd ☐ dms:	Comments:	

Lab ID *	Location	Collection (comp begin or grab) Eastern Central	Composite end Eastern Central	Bottle Group(s)**
41084	TARPONTST2	☐ Comp ☒ Grab Date 01.13 Time 1256	Date Time	D / B
	Field ID: 41084	Tot Res Chlorine (mg/L):	Diss Oxygen (mg/L): 4.54	Storet Station Number: 24040026
	Matrix (include type e.g. Salt, Fresh, etc): Water + Sed.	Temp (C): 16.31	pH: 7.83	Sample Depth ☒ m ☐ ft: 0.2
	Salinity (PPTh):	Sp Conductance (umho/cm):	NPDES Number: FL0030406	
	Latitude ☐ dd ☐ dms:	Longitude ☐ dd ☐ dms:	Comments:	

Lab ID *	Location	Collection (comp begin or grab) Eastern Central	Composite end Eastern Central	Bottle Group(s)**
		☐ Comp ☐ Grab Date Time	Date Time	
	Field ID	Tot Res Chlorine (mg/L):	Diss Oxygen (mg/L):	Storet Station Number:
	Matrix (include type e.g. Salt, Fresh, etc):	Temp (C):	pH:	Sample Depth ☐ m ☐ ft:
	Salinity (PPTh):	Sp Conductance (umho/cm):	NPDES Number:	
	Latitude ☐ dd ☐ dms:	Longitude ☐ dd ☐ dms:	Comments:	

Relinquished By:	Date/Time	Shipping Method:	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
	01/13/14 16.50	FEDEX						1/14/14 8:30

Shaded Areas for Lab use only.

** Please see reverse side for Bottle Group information.

last revised October 1, 2003

Advanced
Environmental Laboratories, Inc.
6981 Southpoint Pkwy • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E82574
9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327 • E84589
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528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597 • E83076

LAB NUMBER:

Page 1 of 1

CLIENT NAME	FDEP - SW District	PROJECT NAME:	City of Tarpon Springs-FYI
ADDRESS	13051 N. Telecom Pkwy	P.O. NUMBER/PROJECT NUMBER	RQ-2014-01-13-12
	Temple Terrace, FL 33637	PROJECT LOCATION	Pinellas County, Florida
PHONE	813-470-5771	FAX	
CONTACT	Ramandeep Kaur	SAMPLED BY	Ramandeep Kaur, Sara Berger

TURN AROUND TIME
☑ STANDARD
☐ RUSH

REMARKS/SPECIAL INSTRUCTIONS

Samples are ambient water and not suspected to contain chlorine

BOTTLE SIZE & TYPE: Sterile Plastic Bottle

ANALYSIS: Fecal Coliforms

LAB NUMBER

WW=waste water SW=surface water GW=ground water DW=drinking water O=oil A=air SO=soil SL=sludge

Field ID	SITE NAME	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO COUNT	Preserv	Ice, T							
41085	City of Tarpon Springs AWWTP- FYI3	Grab	1/13/2014		SW			X							01
		Grab			SW										
		Grab			SW										
		Grab			SW										
		Grab			SW										
		Grab			SW										

H=ice H=(HCl) S=(H_2SO_4) N=(HNO_3) T=(Sodium Thiosulfate)

Relinquish by:	Date	Time	Received by:	Date	Time
1 Ramandeep Kaur	1/13/14	1345		1/14/13	1315
2					
3					
4					

Shipment Out: Via: Rat: Via:
Method
Sample Kit
Cooler #
RB D/T
AB D/T
Trip Bl.

Received on Ice ☐ Yes ☐ No QC ☐ sent ☐ received

revised 1/12

Advanced
Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 528 S. Northlake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
☐ **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ **Miramar:** 10200 USA Today Way, Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
☐ **Tallahassee:** 1288 Cedar Center Drive, Tallahassee, FL 32301 • 850.219.6274 • Fax 850.219.6275
☐ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP-SWD
Address: 13051 N Telecom
Phone: 8134705700
FAX: -
Contact: Ramandeep Kaur
Sampled By: Schmitt/Bchst
Turn Around Time: ☒ STANDARD ☐ RUSH
Page 1 of 1

Project Name: FYJ
P.O. Number/Project Number:
Project Location:

REMARKS/SPECIAL INSTRUCTIONS:
RQ# 2014-01-13-12
Tarpon Springs FYJ

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	PRESERVATION	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED	LABORATORY I.D. NUMBER
41082	TarponREF	G	01/13/14	1113	W	1			Recals	
41083	TARPONTST 1	G	"	1212	"	1				
41084	TARPONTST 2	G	"	1256	"	1				

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received _____ (in degrees celcius)

Form revised 08/15/2013

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

	Relinquished by:	Date	Time	Received by:	Date	Time
1	[signature]	01/13/14	1650	[signature]	1/13/14	1650
2						
3						
4						

FOR DRINKING WATER USE:
(When PWS Information not otherwise supplied) PWS ID: _____
Contact Person: _____ Phone: _____
Supplier of Water: _____
Site-Address: _____

Log-in Checklist

RQ- 2013-01-13-12

Shipping Method: Fedex Date/Time of Receipt: 1/14/14, 10:30

COOLER CHECK

Cooler ID	Cooler Temp.	Evidence Tape				No. Sample Containers in Cooler	Tracking # (fill out only if waybill copy can't be place in folder)
		Present?		*Intact?			
		Yes	No	Yes	No		
Red	2.7		✓			20	

If the temperature of a cooler is above 6.0 °C (or greater than 10.0 °C for W-1-4-DIOX) or an evidence seal is damaged then identify the bottles, in the affected cooler(s), on back of form.

CONTAINER CHECK

Evidence Tape on Bottles Present: Yes ____ No ✓ *If Yes, is it intact: Yes____ No____

Condition of Containers:
*Caps on tight? Yes ✓ No____ *Containers intact? Yes ✓ No____

*Chain Of Custody/ Field Sheet(s) Included? Yes ✓ No__

*Acid Preserved Samples: pH ≤ 2 ? Yes ✓ No__ NA____ N/C

*Base Preserved Samples: pH ≥ 12 or 9? Yes____ No____ NA ✓ N/C
(W-CN, OV-CN - pH ≥ 12), (W-SULFDE-F, W-SULFIDE - pH ≥ 9)

S-VOC-MS: samples in Encores must be frozen within 48 hours of collection.
Were Encore samples received? Yes____ No ✓
If yes, place in freezer immediately upon receipt. Date/Time Placed in Freezer:____
Was every sample placed in freezer within 48 hours of collection? Yes____ No____
*If no, were samples shipped on dry ice? Yes____ No____

*Preserved Samples for W-1-4-DIOX- pH<4? Yes____ No____ NA ✓
*Samples for W-1-4-DIOX- Samples free of chlorine? Yes____ No____ NA ✓

*Sample Volume Sufficient: Yes ✓ No____

Coolers Unpacked/Checked by: ____ Date: 1/14/14 NCRs (y/n)? N Y

Event ID: SW-DIST-2014-01-14-01 NCR # 4766

FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:
*Samples Preserved within 48 hours? Yes____ No____
Date/Time samples preserved: ____

* If "No" is checked then fill out the back of this form with the details (field ID, test IDs, etc.) and generate an NCR.

Log-in Checklist

RQ-2014-01-13-12

Shipping Method: Fedex **Date/Time of Receipt:** 1-14-14/10:30

COOLER CHECK

Cooler ID	Cooler Temp.	Evidence Tape				No. Sample Containers in Cooler	Tracking # (fill out only if waybill copy can't be place in folder)
		Present?		*Intact?			
		Yes	No	Yes	No		
Red	0.7		✓			17	
Blue	4.8		✓			15	
White	3.7		✓			2	
White	0.7		✓			13	
White	0.7		✓			8	

If the temperature of a cooler is above 6.0 °C (or greater than 10.0 °C for W-1-4-DIOX) or an evidence seal is damaged then identify the bottles, in the affected cooler(s), on back of form.

CONTAINER CHECK

Evidence Tape on Bottles Present: Yes ____ No ✓ *If Yes, is it intact: Yes____ No____

Condition of Containers:

*Caps on tight? Yes ✓ No____ *Containers intact? Yes ✓ No____

***Chain Of Custody/ Field Sheet(s) Included?** Yes ✓ No____

***Acid Preserved Samples: pH ≤ 2 ?** Yes ✓ No ✓ NA____ SLC

***Base Preserved Samples: pH ≥ 12 or 9?** Yes____ No____ NA ✓ SLC
(W-CN, OV-CN - pH ≥ 12), (W-SULFDE-F, W-SULFIDE - pH ≥ 9)

S-VOC-MS: samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes____ No ✓

If yes, place in freezer immediately upon receipt. Date/Time Placed in Freezer:____

Was every sample placed in freezer within 48 hours of collection? Yes____ No____

*If no, were samples shipped on dry ice? Yes____ No____

***Preserved Samples for W-1-4-DIOX- pH<4?** Yes____ No____ NA ✓

***Samples for W-1-4-DIOX- Samples free of chlorine?** Yes____ No____ NA ✓

***Sample Volume Sufficient:** Yes ✓ No____

Coolers Unpacked/Checked by: SLC **Date:** 1-14-14 **NCRs (y/n)?** Y

Event ID: SW-DLST-2014-01-14-01 **NCR #** 4766

FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

*Samples Preserved within 48 hours? Yes____ No____

Date/Time samples preserved: ____

* If "No" is checked then fill out the back of this form with the details (field ID, test IDs, etc.) and generate an NCR.

Log-in Checklist

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evid.Tape Not Intact
			CK	BR	CK	BR	

Samples With Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken
41087	568289		Preserved in lab @ 1122 @n 1147

Samples With Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

CK - Cracked, BR - Broken

Log-in Checklist

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evid.Tape Not Intact
			CK	BR	CK	BR	

Samples With Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken

Samples With Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

CK - Cracked, BR - Broken

Appendix E

Physical/Chemical Field Sheets

State of Florida Department of Environmental Protection
Southwest District Watershed Restoration Team

FIELD DATA SHEET

(same as on COC): **TMDL**	RQ# (same as on COC):	SAMPLER SIGNATURES: (same as on COC)	
ne as on COC): **SMP**	SAMPLE DATE (MM/DD/YY): 01/13/2014		

YSI | 6920-11 | B:0 I | Pinellas | 120591 | 11
Brand/Model | Sonde # | Display # | County | H2SO4 lot # | HNO

Station Name	Sample Time (24hr)	Total Depth(m)	Water Temp (C°)	Specific Conduct. (umhos/cm)	% DO	Battery Reading (V)	Width (m)	Wind Speed (mph)	% Cloud Cover	H an
WBID	Sample Depth(m)	Secchi Depth(m)	pH (SU)	Salinity (ppt)	DO (mg/L)	Tide (HS/I/O/LS)[1]	Velocity (mps)	Air Temp (C°)	Last Rain (1,2,3,4)[2]	T (2
cference	11 13	1.617 +.4 SE 01/13	16.98	31505	86.4	12.7	40	3.8	40	
	0.268	1.3	7.70	19.65	7.41	I	—	21.6		
mments:	lat = 28° 9' 32"N long = 82° 44' 43" W									pH <
Test 1	12 12	0.775	16.61 ~~16.44~~	38190	96.1	12.7	25	3.5	10	
	0.266	0.775L	7.86	24.33	8.10	I	—	22.3		
mments: Upstream										pH < 2
Test 2	12 56	0.578	16.31	40549	99.1	12.7	20	3.0	20	
	0.215	0.578L	7.83	25.98	8.30	I		24.4		
mments:										pH < 2
nments:										pH < 2
nments:										pH < 2

[1]Incoming, O=Outgoing, LS=Low Slack

[2], 3=week, 4=month

Upda

Appendix F

Chemical analysis of effluent and receiving water

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 10:10	Effluent	D-001-COMPOSITE	Chlorophyll/Grain Size/BOD	Biochemical Oxygen Demand-5 Day,N-Inhib	2.0	mg/L	0.2	2
1/13/2014 10:10	Effluent	D-001-COMPOSITE	Nutrients	Kjeldahl Nitrogen	0.87	mg N/L	0.080	0.20
1/13/2014 10:10	Effluent	D-001-COMPOSITE	Nutrients	NO2NO3-N	0.75	mg N/L	0.0040	0.010
1/13/2014 10:10	Effluent	D-001-COMPOSITE	Nutrients	Total-P	0.093	mg P/L	0.005	0.05
1/13/2014 10:10	Effluent	D-001-COMPOSITE	Nutrients	TSS	3 I	mg/L	2	10
1/13/2014 10:55	Effluent	D-001	AGP/LN	Algal Growth Potential	57.9	mg DryWt/L		
1/13/2014 10:55	Effluent	D-001	AGP/LN	Algal Growth Potential-Salinity Adjusted	35.8	mg DryWt/L	3.00	3.00
1/13/2014 10:55	Effluent	D-001	Chlorophyll/Grain Size/BOD	Chlorophyll-a, Corrected	0.55 U	ug/L	0.55	1.7
1/13/2014 10:55	Effluent	D-001	Chlorophyll/Grain Size/BOD	Phaeophytin-a	0.40 U	ug/L	0.40	1.2
1/13/2014 10:55	Effluent	D-001	Metals	Aluminum	24	ug/L	5.0	20
1/13/2014 10:55	Effluent	D-001	Metals	Arsenic	0.60 I	ug/L	0.25	1.0
1/13/2014 10:55	Effluent	D-001	Metals	Cadmium	0.050 U	ug/L	0.050	0.20
1/13/2014 10:55	Effluent	D-001	Metals	Calcium	83.7	mg/L	0.075	0.30
1/13/2014 10:55	Effluent	D-001	Metals	Chromium	0.30 U	ug/L	0.30	1.2
1/13/2014 10:55	Effluent	D-001	Metals	Copper	0.86 I	ug/L	0.50	1.0
1/13/2014 10:55	Effluent	D-001	Metals	Iron	68 I	ug/L	30	120
1/13/2014 10:55	Effluent	D-001	Metals	Lead	0.20 U	ug/L	0.20	0.80
1/13/2014 10:55	Effluent	D-001	Metals	Magnesium	14.2	mg/L	0.040	0.16
1/13/2014 10:55	Effluent	D-001	Metals	Nickel	1.42	ug/L	0.25	1.0
1/13/2014 10:55	Effluent	D-001	Metals	Potassium	14.6	mg/L	0.30	1.2
1/13/2014 10:55	Effluent	D-001	Metals	Selenium	0.20 U	ug/L	0.20	0.80
1/13/2014 10:55	Effluent	D-001	Metals	Silver	0.025 U	ug/L	0.025	0.10
1/13/2014 10:55	Effluent	D-001	Metals	Sodium	169	mg/L	0.50	2.0
1/13/2014 10:55	Effluent	D-001	Metals	Zinc	14 I	ug/L	5.0	20
1/13/2014 10:55	Effluent	D-001	Microbiology	Enterococci-Membrane Filter	2 UQ	cfu/100 mL	2	2
1/13/2014 10:55	Effluent	D-001	Nutrients	Alkalinity	147 Y	mg CaCO3/L	0.65	2.5
1/13/2014 10:55	Effluent	D-001	Nutrients	Ammonia-N	0.047	mg N/L	0.0020	0.0050
1/13/2014 10:55	Effluent	D-001	Nutrients	Chloride	240	mg Cl/L	2.0	5.0
1/13/2014 10:55	Effluent	D-001	Nutrients	Color (true)	10	PCU	2.5	6.0
1/13/2014 10:55	Effluent	D-001	Nutrients	Dissolved Oxygen	8.44	mg/L		
1/13/2014 10:55	Effluent	D-001	Nutrients	Fluoride	0.63	mg F/L	0.035	0.10
1/13/2014 10:55	Effluent	D-001	Nutrients	O-Phosphate-P	0.10	mg P/L	0.0080	0.020

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 10:55	Effluent	D-001	Nutrients	Organic Carbon	6.8	mg C/L	0.50	1.0
1/13/2014 10:55	Effluent	D-001	Nutrients	pH	7.39			
1/13/2014 10:55	Effluent	D-001	Nutrients	Specific Conductance	1328	umhos/cm		
1/13/2014 10:55	Effluent	D-001	Nutrients	Sulfate	150	mg SO4/L	2.0	5.0
1/13/2014 10:55	Effluent	D-001	Nutrients	Temperature	21.69	C		
1/13/2014 10:55	Effluent	D-001	Nutrients	Total-P	0.14	mg P/L	0.0050	0.050
1/13/2014 10:55	Effluent	D-001	Nutrients	Turbidity	0.25	NTU	0.10	0.10
1/13/2014 10:55	Effluent	D-001	Overflow	Fecal Coliforms-Membrane Filter	1 U	cfu/100 mL	1	
1/13/2014 10:55	Effluent	D-001	Pesticides	Alachlor	0.057 U	ug/L	0.057	0.23
1/13/2014 10:55	Effluent	D-001	Pesticides	Ametryn	0.0094 U	ug/L	0.0094	0.038
1/13/2014 10:55	Effluent	D-001	Pesticides	Atrazine	0.027 U	ug/L	0.027	0.11
1/13/2014 10:55	Effluent	D-001	Pesticides	Atrazine Desethyl	0.083 U	ug/L	0.083	0.34
1/13/2014 10:55	Effluent	D-001	Pesticides	Atrazine Desisopropyl	0.050 U	ug/L	0.050	0.20
1/13/2014 10:55	Effluent	D-001	Pesticides	Azinphos Methyl	0.019 U	ug/L	0.019	0.076
1/13/2014 10:55	Effluent	D-001	Pesticides	Bromacil	0.038 U	ug/L	0.038	0.15
1/13/2014 10:55	Effluent	D-001	Pesticides	Butylate	0.019 U	ug/L	0.019	0.076
1/13/2014 10:55	Effluent	D-001	Pesticides	Chlorpyrifos Ethyl	0.0094 U	ug/L	0.0094	0.038
1/13/2014 10:55	Effluent	D-001	Pesticides	Chlorpyrifos Methyl	0.0094 U	ug/L	0.0094	0.038
1/13/2014 10:55	Effluent	D-001	Pesticides	Demeton	0.023 UJ	ug/L	0.023	0.091
1/13/2014 10:55	Effluent	D-001	Pesticides	Diazinon	0.0094 U	ug/L	0.0094	0.038
1/13/2014 10:55	Effluent	D-001	Pesticides	Disulfoton	0.0047 U	ug/L	0.0047	0.019
1/13/2014 10:55	Effluent	D-001	Pesticides	Ethion	0.0094 U	ug/L	0.0094	0.038
1/13/2014 10:55	Effluent	D-001	Pesticides	Ethoprop	0.0047 U	ug/L	0.0047	0.019
1/13/2014 10:55	Effluent	D-001	Pesticides	Fenamiphos	0.028 U	ug/L	0.028	0.11
1/13/2014 10:55	Effluent	D-001	Pesticides	Fonofos	0.011 U	ug/L	0.011	0.044
1/13/2014 10:55	Effluent	D-001	Pesticides	Hexazinone	0.028 U	ug/L	0.028	0.11
1/13/2014 10:55	Effluent	D-001	Pesticides	Malathion	0.0094 U	ug/L	0.0094	0.038
1/13/2014 10:55	Effluent	D-001	Pesticides	Metalaxyl	0.038 U	ug/L	0.038	0.15
1/13/2014 10:55	Effluent	D-001	Pesticides	Metolachlor	0.057 U	ug/L	0.057	0.23
1/13/2014 10:55	Effluent	D-001	Pesticides	Metribuzin	0.019 U	ug/L	0.019	0.076
1/13/2014 10:55	Effluent	D-001	Pesticides	Mevinphos	0.0094 U	ug/L	0.0094	0.038
1/13/2014 10:55	Effluent	D-001	Pesticides	Naled	0.038 U	ug/L	0.038	0.15
1/13/2014 10:55	Effluent	D-001	Pesticides	Norflurazon	0.028 U	ug/L	0.028	0.11
1/13/2014 10:55	Effluent	D-001	Pesticides	Parathion Ethyl	0.019 U	ug/L	0.019	0.076
1/13/2014 10:55	Effluent	D-001	Pesticides	Parathion Methyl	0.0094 U	ug/L	0.0094	0.038
1/13/2014 10:55	Effluent	D-001	Pesticides	Phorate	0.0047 U	ug/L	0.0047	0.019

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 10:55	Effluent	D-001	Pesticides	Prometon	0.019 U	ug/L	0.019	0.076
1/13/2014 10:55	Effluent	D-001	Pesticides	Prometryn	0.019 U	ug/L	0.019	0.076
1/13/2014 10:55	Effluent	D-001	Pesticides	Simazine	0.0094 U	ug/L	0.0094	0.038
1/13/2014 10:55	Effluent	D-001	Pesticides	Sucralose	32	ug/L	0.50	2.5
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	1,2,4-Trichlorobenzene	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2,4,6-Trichlorophenol	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2,4-Dichlorophenol	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2,4-Dimethylphenol	9.4 U	ug/L	9.4	38
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2,4-Dinitrophenol	14 UJ	ug/L	14	57
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2,4-Dinitrotoluene	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2,6-Dinitrotoluene	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2-Chloronaphthalene	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2-Chlorophenol	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2-Methyl-4,6-dinitrophenol	2.8 U	ug/L	2.8	11
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	2-Nitrophenol	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	3,3'-Dichlorobenzidine	38 U	ug/L	38	150
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	4-Bromophenyl phenyl ether	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	4-Chloro-3-methylphenol	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	4-Chlorophenyl phenyl ether	1.9 U	ug/L	1.9	7.5
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	4-Nitrophenol	14 U	ug/L	14	57
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Acenaphthene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Acenaphthylene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Anthracene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Benzidine	94 U	ug/L	94	380
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Benzo(a)anthracene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Benzo(a)pyrene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Benzo(b)fluoranthene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Benzo(g,h,i)perylene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Benzo(k)fluoranthene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Bis(2-chloroethoxy)methane	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Bis(2-chloroethyl)ether	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Bis(2-chloroisopropyl)ether	2.8 U	ug/L	2.8	11
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Bis(2-ethylhexyl)phthalate	1.9 U	ug/L	1.9	7.5
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Bromodichloromethane	11	ug/L	0.20	0.80
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Butyl benzyl phthalate	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Chrysene	0.19 U	ug/L	0.19	0.75

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Dibenzo(a,h)anthracene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Dibromochloromethane	9.5	ug/L	0.20	0.80
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Diethyl phthalate	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Dimethyl phthalate	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Di-n-butyl phthalate	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Di-n-octyl phthalate	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Fluoranthene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Fluorene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Hexachlorobenzene	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Hexachlorobutadiene	2.8 UJ	ug/L	2.8	11
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Hexachlorocyclopentadiene	2.8 U	ug/L	2.8	11
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Hexachloroethane	2.8 U	ug/L	2.8	11
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Indeno(1,2,3-cd)pyrene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Isophorone	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Naphthalene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Nitrobenzene	1.9 U	ug/L	1.9	7.5
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	N-Nitrosodimethylamine	1.9 U	ug/L	1.9	7.5
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	N-Nitrosodi-n-propylamine	1.9 U	ug/L	1.9	7.5
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	N-Nitrosodiphenylamine/ Diphenylamine	2.8 U	ug/L	2.8	11
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Pentachlorophenol	2.8 U	ug/L	2.8	11
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Phenanthrene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Phenol	0.94 U	ug/L	0.94	3.8
1/13/2014 10:55	Effluent	D-001	Priority Organic Pollutants	Pyrene	0.19 U	ug/L	0.19	0.75
1/13/2014 10:55	Effluent	D-001	Toxicology	Bioassay-Acute-Def-FW-C.dubia, LC50	100 L	LC50		
1/13/2014 10:55	Effluent	D-001	Toxicology	Bioassay-Acute-Def-FW-Fish, LC50	100 L	LC50		
1/13/2014 12:12	Test Site West	TARPONTST1	AGP/LN	Algal Growth Potential	3.54	mg DryWt/L	3.00	3.00
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Biochemical Oxygen Demand-5 Day,N-Inhib	1.6 I	mg/L	0.20	2.0
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Chlorophyll-a, Corrected	1.6 I	ug/L	0.55	1.7
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Phaeophytin-a	0.43 I	ug/L	0.4	1.2
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Sediment % Organic	2.0 A	% dry wt		
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, <0.063 mm	22.8	% vol <2mm	0	0.01
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, >2.0 mm	1.0 K	%totdrywt	0	1
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.063-0.125mm	23.9	% vol <2mm	0.0	0.010
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.125-0.25 mm	38.9	% vol <2mm	0.0	0.010
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.25-0.5 mm	9.32	% vol <2mm	0	0.01
1/13/2014 12:12	Test Site West	TARPONTST1	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.5-2.0 mm	5.13	% vol <2mm	0	0.01

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Aluminum	60	ug/L	15	60
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Arsenic	1.5 I	ug/L	0.75	3
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Cadmium	0.044 U	mg/Kg	0.044	0.18
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Cadmium	0.15 U	ug/L	0.15	0.60
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Calcium	310	mg/L	0.22	0.90
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Chromium	0.90 U	ug/L	0.90	3.6
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Chromium	3.80	mg/Kg	0.22	0.88
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Copper	55.6	mg/Kg	0.22	0.88
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Copper	2.5 I	ug/L	1.5	3.0
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Iron	90 U	ug/L	90	360
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Lead	2.6	mg/Kg	0.33	1.3
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Lead	0.60 U	ug/L	0.60	2.4
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Magnesium	957	mg/L	2.0	8.0
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Nickel	1.03	mg/Kg	0.22	0.88
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Nickel	1.1 I	ug/L	0.75	3.0
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Potassium	275	mg/L	15	60
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Selenium	0.75 I	ug/L	0.60	2.4
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Silver	0.075 U	ug/L	0.075	0.30
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Silver	0.028 I	mg/Kg	0.011	0.044
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Sodium	7.44E+03	mg/L	25	100
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Zinc	15 U	ug/L	15	60
1/13/2014 12:12	Test Site West	TARPONTST1	Metals	Zinc	9.7	mg/Kg	1.8	7.0
1/13/2014 12:12	Test Site West	TARPONTST1	Microbiology	Enterococci-Membrane Filter	36 BQ	cfu/100 mL	2	2
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	% Solid	65.1	%	0.10	0.10
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Alkalinity	145	mg CaCO3/L	0.65	2.5
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Ammonia-N	0.039	mg N/L	0.0020	0.0050
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Chloride	1.3E+04	mg Cl/L	40	100
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Color (true)	7.0	PCU	2.5	6.0
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Dissolved Oxygen	8.10	mg/L		
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Dissolved Oxygen	8.10	mg/L		
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Fluoride	0.87	mg F/L	0.18	0.50
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Kjeldahl Nitrogen	0.52	mg N/L	0.16	0.40
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	NO2NO3-N	0.052	mg N/L	0.0040	0.010
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	O-Phosphate-P	0.011	mg P/L	0.0040	0.010
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Organic Carbon	5.0	mg C/L	1.0	2.0
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	pH	7.86			

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	pH	7.86			
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Sample Depth	0.2	m		
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Sample Depth	0.2	m		
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Specific Conductance	38190	umhos/cm		
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Specific Conductance	38190	umhos/cm		
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Sulfate	1.9E+03	mg SO4/L	40	100
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	TDS	2.20E+04	mg/L	750	1.2E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Temperature	16.61	C		
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Temperature	16.61	C		
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Total-P	0.031	mg P/L	0.0040	0.010
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	TSS	4 I	mg/L	3.0	10
1/13/2014 12:12	Test Site West	TARPONTST1	Nutrients	Turbidity	2.0	NTU	0.10	0.10
1/13/2014 12:12	Test Site West	TARPONTST1	Overflow	Fecal Coliforms-Membrane Filter	126 B	cfu/100 mL	9	
1/13/2014 12:12	Test Site West	TARPONTST1	Pesticides	Sucralose	0.99	ug/L	0.010	0.050
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	1,2,4-Trichlorobenzene	280 U	ug/kg	280	1.1E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2,4,6-Trichlorophenol	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2,4-Dichlorophenol	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2,4-Dimethylphenol	550 U	ug/kg	550	2.2E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2,4-Dinitrophenol	550 UJ	ug/kg	550	2.2E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2,4-Dinitrotoluene	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2,6-Dinitrotoluene	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2-Chloronaphthalene	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2-Chlorophenol	280 U	ug/kg	280	1.1E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2-Methyl-4,6-dinitrophenol	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	2-Nitrophenol	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	3,3'-Dichlorobenzidine	5.5E+03 U	ug/kg	5.5E+03	2.2E+04
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	4-Bromophenyl phenyl ether	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	4-Chloro-3-methylphenol	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	4-Chlorophenyl phenyl ether	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	4-Nitrophenol	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Acenaphthene	10 U	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Acenaphthylene	10 U	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Anthracene	17 I	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Azobenzene/1,2-Diphenylhydrazine	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Benzidine	2.0E+03 U	ug/kg	2.0E+03	8.0E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Benzo(a)anthracene	57	ug/kg	10	41

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Benzo(a)pyrene	50	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Benzo(b)fluoranthene	76	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Benzo(g,h,i)perylene	39 I	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Benzo(k)fluoranthene	47	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Bis(2-chloroethoxy)methane	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Bis(2-chloroethyl)ether	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Bis(2-chloroisopropyl)ether	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Bis(2-ethylhexyl)phthalate	550 U	ug/kg	550	2.2E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Butyl benzyl phthalate	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Chrysene	72	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Dibenzo(a,h)anthracene	11 I	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Diethyl phthalate	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Dimethyl phthalate	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Di-n-butyl phthalate	550 U	ug/kg	550	2.2E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Di-n-octyl phthalate	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Fluoranthene	130	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Fluorene	10 U	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Hexachlorobenzene	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Hexachlorobutadiene	280 U	ug/kg	280	1.1E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Hexachlorocyclopentadiene	92 UJ	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Hexachloroethane	280 U	ug/kg	280	1.1E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Indeno(1,2,3-cd)pyrene	34 I	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Isophorone	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Naphthalene	10 U	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Nitrobenzene	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	N-Nitrosodimethylamine	550 U	ug/kg	550	2.2E+03
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	N-Nitrosodi-n-propylamine	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	N-Nitrosodiphenylamine/ Diphenylamine	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Pentachlorophenol	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Phenanthrene	79	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Phenol	92 U	ug/kg	92	370
1/13/2014 12:12	Test Site West	TARPONTST1	Priority Organic Pollutants	Pyrene	110	ug/kg	10	41
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	57.77	% Amphipoda		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	10.83	% Browser-Grazers		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	6.02	% Burrowing Deposit Feeders		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0.2	% Chironomidae		

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	% Coleoptera		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	% Decapoda		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0.2	% Diptera		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	35.4	% Dominant Taxon		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	Grandidierella bonnieroides	Dominant Taxon		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	% Ephemeroptera		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	1.21	% Gastropoda		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	10.09	% Isopoda		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	% Odonata		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0.61	% Oligochaeta		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	% Parasites		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	1.75	% Pelecypoda		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0.07	% Plant Piercers		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	% Plecoptera		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	4.64	% Polychaeta		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	1.21	% Predators		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	12.57	% Scavengers		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0.81	% Scrapers		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0.17	% Shredders		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	2.75	% Surface Deposit Feeders		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	38.25	% Suspension Feeders		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0.13	% Trichoptera		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	% Trombidiformes		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	27.33	% Unknown		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	20653	Density		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	1	Number of Chironomid taxa		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	Number of Clinger Taxa		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	Number of Ephemeroptera taxa		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	1	Number of EPT taxa		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	Number of Long-Lived Taxa		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	1	Number of Oligochaete taxa		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	15	Number of Polychaete taxa		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	Number of Sensitive Taxa		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	1	Number of Trichoptera taxa		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	Percent of Tanytarsini individuals		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	0	Percent of Very Tolerant individuals		

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	3.48	Shannon-Weaver Diversity		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	1487	Total Number of Individuals		
1/13/2014 12:12	Test Site West	TARPONTST1	BIOLOGY	PetitePonr	52	Total Number of Taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	AGP/LN	Algal Growth Potential	3.00 AU	mg DryWt/L	3	3
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Biochemical Oxygen Demand-5 Day,N-Inhib	1.1 I	mg/L	0.2	2
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Chlorophyll-a, Corrected	1.3 I	ug/L	0.55	1.7
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Phaeophytin-a	0.40 U	ug/L	0.4	1.2
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Sediment % Organic	1.1	% dry wt		
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, <0.063 mm	13.8 A	% vol <2mm	0	0.01
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, >2.0 mm	1.0 K	%totdrywt	0	1
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.063-0.125mm	24.0 A	% vol <2mm	0	0.01
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.125-0.25 mm	53.2 A	% vol <2mm	0	0.01
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.25-0.5 mm	7.80 A	% vol <2mm	0	0.01
1/13/2014 12:56	Test Site East	TARPONTST2	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.5-2.0 mm	1.25 AJ	% vol <2mm	0.0	0.010
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Aluminum	29 I	ug/L	15	60
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Arsenic	1.5 I	ug/L	0.75	3.0
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Cadmium	0.041 U	mg/Kg	0.041	0.17
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Cadmium	0.15 U	ug/L	0.15	0.60
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Calcium	331	mg/L	0.22	0.90
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Chromium	0.90 U	ug/L	0.90	3.6
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Chromium	1.56	mg/Kg	0.21	0.83
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Copper	3.0 I	ug/L	1.5	3.0
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Copper	3.58	mg/Kg	0.21	0.83
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Iron	90 U	ug/L	90	360
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Lead	0.60 U	ug/L	0.60	2.4
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Lead	1.3	mg/Kg	0.31	1.2
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Magnesium	962	mg/L	2.0	8.0
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Nickel	0.45 I	mg/Kg	0.21	0.83
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Nickel	1.1 I	ug/L	0.75	3.0
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Potassium	288	mg/L	15	60
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Selenium	0.63 I	ug/L	0.6	2.4
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Silver	0.075 U	ug/L	0.075	0.30
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Silver	0.010 U	mg/Kg	0.010	0.041
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Sodium	8.67E+03	mg/L	25	100
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Zinc	15 U	ug/L	15	60
1/13/2014 12:56	Test Site East	TARPONTST2	Metals	Zinc	3.6 I	mg/Kg	1.7	6.6

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 12:56	Test Site East	TARPONTST2	Microbiology	Enterococci-Membrane Filter	28 BQ	cfu/100 mL	2	2
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	% Solid	70.6	%	0.10	0.10
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Alkalinity	143	mg CaCO3/L	0.65	2.5
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Ammonia-N	0.026	mg N/L	0.0020	0.0050
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Chloride	1.5E+04	mg Cl/L	40	100
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Color (true)	5.3 I	PCU	2.5	6.0
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Fluoride	0.94	mg F/L	0.18	0.50
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Kjeldahl Nitrogen	0.44	mg N/L	0.16	0.40
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	NO2NO3-N	0.021	mg N/L	0.0040	0.010
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	O-Phosphate-P	0.006 I	mg P/L	0.0040	0.010
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Organic Carbon	4.6	mg C/L	1.0	2.0
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	pH	7.83			
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	pH	7.83			
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Sample Depth	0.2	m		
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Sample Depth	0.2	m		
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Specific Conductance	40549	umhos/cm		
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Specific Conductance	40549	umhos/cm		
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Sulfate	2.1E+03	mg SO4/L	40	100
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	TDS	2.46E+04	mg/L	750	1.2E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Temperature	16.31	C		
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Temperature	16.31	C		
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Total-P	0.022	mg P/L	0.0040	0.010
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	TSS	3 U	mg/L	3.0	10
1/13/2014 12:56	Test Site East	TARPONTST2	Nutrients	Turbidity	1.5	NTU	0.10	0.10
1/13/2014 12:56	Test Site East	TARPONTST2	Overflow	Fecal Coliforms-Membrane Filter	18 B	cfu/100 mL	9	
1/13/2014 12:56	Test Site East	TARPONTST2	Pesticides	Sucralose	0.20	ug/L	0.010	0.050
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	1,2,4-Trichlorobenzene	250 U	ug/kg	250	1.0E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2,4,6-Trichlorophenol	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2,4-Dichlorophenol	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2,4-Dimethylphenol	510 U	ug/kg	510	2.0E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2,4-Dinitrophenol	510 UJ	ug/kg	510	2.0E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2,4-Dinitrotoluene	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2,6-Dinitrotoluene	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2-Chloronaphthalene	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2-Chlorophenol	250 U	ug/kg	250	1.0E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2-Methyl-4,6-dinitrophenol	85 U	ug/kg	85	340

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	2-Nitrophenol	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	3,3'-Dichlorobenzidine	5.1E+03 U	ug/kg	5.1E+03	2.0E+04
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	4-Bromophenyl phenyl ether	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	4-Chloro-3-methylphenol	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	4-Chlorophenyl phenyl ether	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	4-Nitrophenol	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Acenaphthene	9.4 U	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Acenaphthylene	9.4 U	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Anthracene	9.4 U	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Azobenzene/1,2-Diphenylhydrazine	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Benzidine	1.8E+03 U	ug/kg	1.8E+03	7.4E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Benzo(a)anthracene	14 I	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Benzo(a)pyrene	18 I	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Benzo(b)fluoranthene	18 I	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Benzo(g,h,i)perylene	13 I	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Benzo(k)fluoranthene	19 I	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Bis(2-chloroethoxy)methane	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Bis(2-chloroethyl)ether	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Bis(2-chloroisopropyl)ether	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Bis(2-ethylhexyl)phthalate	510 U	ug/kg	510	2.0E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Butyl benzyl phthalate	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Chrysene	23 I	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Dibenzo(a,h)anthracene	9.4 U	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Diethyl phthalate	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Dimethyl phthalate	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Di-n-butyl phthalate	510 U	ug/kg	510	2.0E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Di-n-octyl phthalate	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Fluoranthene	25 I	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Fluorene	9.4 U	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Hexachlorobenzene	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Hexachlorobutadiene	250 U	ug/kg	250	1.0E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Hexachlorocyclopentadiene	85 UJ	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Hexachloroethane	250 U	ug/kg	250	1.0E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Indeno(1,2,3-cd)pyrene	11 I	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Isophorone	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Naphthalene	9.4 U	ug/kg	9.4	38

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Nitrobenzene	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	N-Nitrosodimethylamine	510 U	ug/kg	510	2.0E+03
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	N-Nitrosodi-n-propylamine	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	N-Nitrosodiphenylamine/ Diphenylamine	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Pentachlorophenol	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Phenanthrene	9.4 U	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Phenol	85 U	ug/kg	85	340
1/13/2014 12:56	Test Site East	TARPONTST2	Priority Organic Pollutants	Pyrene	28 I	ug/kg	9.4	38
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	82.75	% Amphipoda		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	13.06	% Browser-Grazers		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	11.71	% Burrowing Deposit Feeders		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Chironomidae		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Coleoptera		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Decapoda		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Diptera		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	48.78	% Dominant Taxon		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	Cerapus benthophilus	Dominant Taxon		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Ephemeroptera		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	1.16	% Gastropoda		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	2.57	% Isopoda		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Odonata		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0.13	% Oligochaeta		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Parasites		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	1.42	% Pelecypoda		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Plant Piercers		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Plecoptera		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	2.45	% Polychaeta		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	2.25	% Predators		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	13.13	% Scavengers		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0.51	% Scrapers		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Shredders		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0.39	% Surface Deposit Feeders		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	58.94	% Suspension Feeders		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Trichoptera		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Trombidiformes		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	% Unknown		

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	10792	Density		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	Number of Chironomid taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	Number of Clinger Taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	Number of Ephemeroptera taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	Number of EPT taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	Number of Long-Lived Taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	1	Number of Oligochaete taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	7	Number of Polychaete taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	Number of Sensitive Taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	Number of Trichoptera taxa		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	Percent of Tanytarsini individuals		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	0	Percent of Very Tolerant individuals		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	2.54	Shannon-Weaver Diversity		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	777	Total Number of Individuals		
1/13/2014 12:56	Test Site East	TARPONTST2	BIOLOGY	PetitePonr	29	Total Number of Taxa		
1/13/2014 11:13	Control Site	TARPON REF	AGP/LN	Algal Growth Potential	4.69	mg DryWt/L	3.00	3.00
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Biochemical Oxygen Demand-5 Day,N-Inhib	1.4 I	mg/L	0.2	2
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Chlorophyll-a, Corrected	2.0 A	ug/L	0.55	1.7
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Phaeophytin-a	0.84 I	ug/L	0.40	1.2
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Sediment % Organic	1.0 K	% dry wt		
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, <0.063 mm	0.130	% vol <2mm	0.0	0.010
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, >2.0 mm	1.0 K	%totdrywt	0	1
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.063-0.125mm	4.95	% vol <2mm	0	0.01
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.125-0.25 mm	62.9	% vol <2mm	0.0	0.010
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.25-0.5 mm	29.8	% vol <2mm	0	0.01
1/13/2014 11:13	Control Site	TARPON REF	Chlorophyll/Grain Size/BOD	Sediment Particle Size, %, 0.5-2.0 mm	2.20	% vol <2mm	0	0.01
1/13/2014 11:13	Control Site	TARPON REF	Metals	Aluminum	77	ug/L	15	60
1/13/2014 11:13	Control Site	TARPON REF	Metals	Arsenic	1.4 I	ug/L	0.75	3.0
1/13/2014 11:13	Control Site	TARPON REF	Metals	Cadmium	0.038 U	mg/Kg	0.038	0.15
1/13/2014 11:13	Control Site	TARPON REF	Metals	Cadmium	0.15 U	ug/L	0.15	0.6
1/13/2014 11:13	Control Site	TARPON REF	Metals	Calcium	268	mg/L	0.22	0.9
1/13/2014 11:13	Control Site	TARPON REF	Metals	Chromium	0.61 I	mg/Kg	0.19	0.77
1/13/2014 11:13	Control Site	TARPON REF	Metals	Chromium	0.90 U	ug/L	0.90	3.6
1/13/2014 11:13	Control Site	TARPON REF	Metals	Copper	0.97	mg/Kg	0.19	0.77
1/13/2014 11:13	Control Site	TARPON REF	Metals	Copper	2.6 I	ug/L	1.5	3.0
1/13/2014 11:13	Control Site	TARPON REF	Metals	Iron	90 U	ug/L	90	360

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 11:13	Control Site	TARPON REF	Metals	Lead	0.77 I	mg/Kg	0.29	1.1
1/13/2014 11:13	Control Site	TARPON REF	Metals	Lead	0.60 U	ug/L	0.60	2.4
1/13/2014 11:13	Control Site	TARPON REF	Metals	Magnesium	833	mg/L	2.0	8.0
1/13/2014 11:13	Control Site	TARPON REF	Metals	Nickel	1.1 I	ug/L	0.75	3
1/13/2014 11:13	Control Site	TARPON REF	Metals	Nickel	0.22 I	mg/Kg	0.19	0.77
1/13/2014 11:13	Control Site	TARPON REF	Metals	Potassium	247	mg/L	15	60
1/13/2014 11:13	Control Site	TARPON REF	Metals	Selenium	0.74 I	ug/L	0.6	2.4
1/13/2014 11:13	Control Site	TARPON REF	Metals	Silver	0.0096 U	mg/Kg	0.0096	0.038
1/13/2014 11:13	Control Site	TARPON REF	Metals	Silver	0.075 U	ug/L	0.075	0.30
1/13/2014 11:13	Control Site	TARPON REF	Metals	Sodium	6.57E+03	mg/L	25	100
1/13/2014 11:13	Control Site	TARPON REF	Metals	Zinc	1.5 U	mg/Kg	1.5	6.1
1/13/2014 11:13	Control Site	TARPON REF	Metals	Zinc	15 U	ug/L	15	60
1/13/2014 11:13	Control Site	TARPON REF	Microbiology	Enterococci-Membrane Filter	28 BQ	cfu/100 mL	2	2
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	% Solid	75.0	%	0.10	0.10
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Alkalinity	137	mg CaCO3/L	0.65	2.5
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Ammonia-N	0.043	mg N/L	0.0020	0.0050
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Chloride	1.1E+04	mg Cl/L	40	100
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Color (true)	18	PCU	2.5	6.0
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Dissolved Oxygen	7.41	mg/L		
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Dissolved Oxygen	7.41	mg/L		
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Fluoride	0.74	mg F/L	0.18	0.50
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Kjeldahl Nitrogen	0.49	mg N/L	0.16	0.40
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	NO2NO3-N	0.060	mg N/L	0.0040	0.010
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	O-Phosphate-P	0.014	mg P/L	0.0040	0.010
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Organic Carbon	6.1	mg C/L	1.0	2.0
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	pH	7.70			
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	pH	7.70			
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Sample Depth	.2	m		
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Sample Depth	.2	m		
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Specific Conductance	31505	umhos/cm		
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Specific Conductance	31505	umhos/cm		
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Sulfate	1.5E+03	mg SO4/L	40	100
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	TDS	1.86E+04	mg/L	750	1.2E+03
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Temperature	16.98	C		
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Temperature	16.98	C		
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Total-P	0.034	mg P/L	0.0040	0.010

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	TSS	3 U	mg/L	3.0	10
1/13/2014 11:13	Control Site	TARPON REF	Nutrients	Turbidity	1.8	NTU	0.10	0.10
1/13/2014 11:13	Control Site	TARPON REF	Overflow	Fecal Coliforms-Membrane Filter	63 B	cfu/100 mL	9	
1/13/2014 11:13	Control Site	TARPON REF	Pesticides	Sucralose	0.43	ug/L	0.010	0.050
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	1,2,4-Trichlorobenzene	240 U	ug/kg	240	960
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2,4,6-Trichlorophenol	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2,4-Dichlorophenol	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2,4-Dimethylphenol	480 U	ug/kg	480	1.9E+03
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2,4-Dinitrophenol	480 UJ	ug/kg	480	1.9E+03
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2,4-Dinitrotoluene	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2,6-Dinitrotoluene	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2-Chloronaphthalene	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2-Chlorophenol	240 U	ug/kg	240	960
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2-Methyl-4,6-dinitrophenol	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	2-Nitrophenol	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	3,3'-Dichlorobenzidine	4.8E+03 U	ug/kg	4.8E+03	1.9E+04
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	4-Bromophenyl phenyl ether	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	4-Chloro-3-methylphenol	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	4-Chlorophenyl phenyl ether	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	4-Nitrophenol	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Acenaphthene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Acenaphthylene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Anthracene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Azobenzene/1,2-Diphenylhydrazine	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Benzidine	1.7E+03 UJ	ug/kg	1.7E+03	6.9E+03
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Benzo(a)anthracene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Benzo(a)pyrene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Benzo(b)fluoranthene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Benzo(g,h,i)perylene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Benzo(k)fluoranthene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Bis(2-chloroethoxy)methane	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Bis(2-chloroethyl)ether	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Bis(2-chloroisopropyl)ether	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Bis(2-ethylhexyl)phthalate	480 U	ug/kg	480	1.9E+03
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Butyl benzyl phthalate	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Chrysene	8.9 U	ug/kg	8.9	36

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Dibenzo(a,h)anthracene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Diethyl phthalate	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Dimethyl phthalate	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Di-n-butyl phthalate	480 U	ug/kg	480	1.9E+03
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Di-n-octyl phthalate	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Fluoranthene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Fluorene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Hexachlorobenzene	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Hexachlorobutadiene	240 U	ug/kg	240	960
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Hexachlorocyclopentadiene	80 UJ	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Hexachloroethane	240 U	ug/kg	240	960
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Indeno(1,2,3-cd)pyrene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Isophorone	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Naphthalene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Nitrobenzene	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	N-Nitrosodimethylamine	480 U	ug/kg	480	1.9E+03
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	N-Nitrosodi-n-propylamine	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	N-Nitrosodiphenylamine/ Diphenylamine	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Pentachlorophenol	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Phenanthrene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Phenol	80 U	ug/kg	80	320
1/13/2014 11:13	Control Site	TARPON REF	Priority Organic Pollutants	Pyrene	8.9 U	ug/kg	8.9	36
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	85.24	% Amphipoda		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	16.66	% Browser-Grazers		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	12.46	% Burrowing Deposit Feeders		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Chironomidae		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Coleoptera		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Decapoda		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Diptera		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	32.24	% Dominant Taxon		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	Grandidierella bonnieroides	Dominant taxon		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Ephemeroptera		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	2.19	% Gastropoda		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	1.09	% Isopoda		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Odonata		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0.55	% Oligochaeta		

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	1.09	% Parasites		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0.55	% Pelecypoda		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Plant Piercers		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Plecoptera		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	3.28	% Polychaeta		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	1.09	% Predators		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	16.66	% Scavengers		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0.55	% Scrapers		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Shredders		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0.87	% Surface Deposit Feeders		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	6.88	% Suspension Feeders		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Trichoptera		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	% Trombidiformes		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	43.71	% Unknown		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	2542	Density		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	Number of Chironomid taxa		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	Number of Clinger Taxa		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	Number of Ephemeroptera taxa		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	Number of EPT taxa		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	Number of Long-Lived Taxa		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	1	Number of Oligochaete taxa		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	2	Number of Polychaete taxa		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	Number of Sensitive Taxa		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	Number of Trichoptera taxa		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	Percent of Tanytarsini individuals		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	0	Percent of Very Tolerant individuals		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	2.67	Shannon-Weaver Diversity		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	183	Total Number of Individuals		
1/13/2014 11:13	Control Site	TARPONREF	BIOLOGY	PetitePonr	17	Total Number of Taxa		
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Aluminum	5.0 U	ug/L	5	20
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Arsenic	0.25 U	ug/L	0.25	1
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Cadmium	0.050 U	ug/L	0.05	0.2
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Calcium	0.075 U	mg/L	0.075	0.30
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Chromium	0.30 U	ug/L	0.3	1.2
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Copper	0.50 U	ug/L	0.50	1.0
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Iron	30 U	ug/L	30	120

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Lead	0.20 U	ug/L	0.20	0.80
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Magnesium	0.040 U	mg/L	0.040	0.16
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Nickel	0.25 U	ug/L	0.25	1.0
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Potassium	0.30 U	mg/L	0.30	1.2
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Selenium	0.20 U	ug/L	0.2	0.8
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Silver	0.025 U	ug/L	0.025	0.10
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Sodium	0.50 U	mg/L	0.5	2
1/13/2014 11:40	Field Blank	FIELD BLANK	Metals	Zinc	5.0 U	ug/L	5.0	20
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Alkalinity	0.65 UY	mg CaCO3/L	0.65	2.5
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Ammonia-N	0.002 UY	mg N/L	0.002	0.005
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Chloride	0.20 U	mg Cl/L	0.20	0.50
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Color (true)	2.5 U	PCU	2.5	6
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Fluoride	0.035 U	mg F/L	0.035	0.10
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Kjeldahl Nitrogen	0.080 UY	mg N/L	0.080	0.20
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	NO2NO3-N	0.004 UY	mg N/L	0.004	0.01
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	O-Phosphate-P	0.004 U	mg P/L	0.0040	0.010
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Organic Carbon	0.52 IY	mg C/L	0.5	1
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Sulfate	0.20 U	mg SO4/L	0.2	0.5
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Total-P	0.002 UY	mg P/L	0.002	0.005
1/13/2014 11:40	Field Blank	FIELD BLANK	Nutrients	Turbidity	0.10 U	NTU	0.1	0.1
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Alachlor	0.062 U	ug/L	0.062	0.25
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Ametryn	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Atrazine	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Atrazine Desethyl	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Atrazine Desisopropyl	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Azinphos Methyl	0.021 U	ug/L	0.021	0.083
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Bromacil	0.042 U	ug/L	0.042	0.17
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Butylate	0.021 U	ug/L	0.021	0.083
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Chlorpyrifos Ethyl	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Chlorpyrifos Methyl	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Demeton	0.025 UJ	ug/L	0.025	0.10
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Diazinon	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Disulfoton	0.0052 U	ug/L	0.0052	0.021
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Ethion	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Ethoprop	0.0052 U	ug/L	0.0052	0.021
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Fenamiphos	0.031 U	ug/L	0.031	0.12

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Fonofos	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Hexazinone	0.031 U	ug/L	0.031	0.12
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Malathion	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Metalaxyl	0.042 U	ug/L	0.042	0.17
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Metolachlor	0.062 U	ug/L	0.062	0.25
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Metribuzin	0.021 U	ug/L	0.021	0.083
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Mevinphos	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Naled	0.042 U	ug/L	0.042	0.17
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Norflurazon	0.031 U	ug/L	0.031	0.12
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Parathion Ethyl	0.021 U	ug/L	0.021	0.083
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Parathion Methyl	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Phorate	0.0052 U	ug/L	0.0052	0.021
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Prometon	0.021 U	ug/L	0.021	0.083
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Prometryn	0.021 U	ug/L	0.021	0.083
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Simazine	0.010 U	ug/L	0.010	0.042
1/13/2014 11:40	Field Blank	FIELD BLANK	Pesticides	Sucralose	0.0096 U	ug/L	0.0096	0.048
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	1,2,4-Trichlorobenzene	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2,4,6-Trichlorophenol	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2,4-Dichlorophenol	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2,4-Dimethylphenol	9.7 U	ug/L	9.7	39
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2,4-Dinitrophenol	15 UJ	ug/L	15	58
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2,4-Dinitrotoluene	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2,6-Dinitrotoluene	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2-Chloronaphthalene	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2-Chlorophenol	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2-Methyl-4,6-dinitrophenol	2.9 U	ug/L	2.9	12
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	2-Nitrophenol	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	3,3'-Dichlorobenzidine	39 U	ug/L	39	160
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	4-Bromophenyl phenyl ether	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	4-Chloro-3-methylphenol	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	4-Chlorophenyl phenyl ether	1.9 U	ug/L	1.9	7.8
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	4-Nitrophenol	15 U	ug/L	15	58
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Acenaphthene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Acenaphthylene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Anthracene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Benzidine	97 U	ug/L	97	390

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Benzo(a)anthracene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Benzo(a)pyrene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Benzo(b)fluoranthene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Benzo(g,h,i)perylene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Benzo(k)fluoranthene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Bis(2-chloroethoxy)methane	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Bis(2-chloroethyl)ether	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Bis(2-chloroisopropyl)ether	2.9 U	ug/L	2.9	12
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Bis(2-ethylhexyl)phthalate	1.9 U	ug/L	1.9	7.8
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Bromodichloromethane	0.20 U	ug/L	0.20	0.80
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Butyl benzyl phthalate	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Chrysene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Dibenzo(a,h)anthracene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Dibromochloromethane	0.20 U	ug/L	0.20	0.80
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Diethyl phthalate	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Dimethyl phthalate	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Di-n-butyl phthalate	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Di-n-octyl phthalate	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Fluoranthene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Fluorene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Hexachlorobenzene	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Hexachlorobutadiene	2.9 UJ	ug/L	2.9	12
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Hexachlorocyclopentadiene	2.9 U	ug/L	2.9	12
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Hexachloroethane	2.9 U	ug/L	2.9	12
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Indeno(1,2,3-cd)pyrene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Isophorone	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Naphthalene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Nitrobenzene	1.9 U	ug/L	1.9	7.8
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	N-Nitrosodimethylamine	1.9 U	ug/L	1.9	7.8
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	N-Nitrosodi-n-propylamine	1.9 U	ug/L	1.9	7.8
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	N-Nitrosodiphenylamine/ Diphenylamine	2.9 U	ug/L	2.9	12
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Pentachlorophenol	2.9 U	ug/L	2.9	12
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Phenanthrene	0.19 U	ug/L	0.19	0.78
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Phenol	0.97 U	ug/L	0.97	3.9
1/13/2014 11:40	Field Blank	FIELD BLANK	Priority Organic Pollutants	Pyrene	0.19 U	ug/L	0.19	0.78
1/13/2014 10:55	Trip Blank 1	D-001	Priority Organic Pollutants	Bromodichloromethane	0.20 U	ug/L	0.20	0.80

Date_Sampled	UDL	Station	SCH_Group	Component	Result	Units	MDL	PQL
1/13/2014 10:55	Trip Blank 1	D-001	Priority Organic Pollutants	Dibromochloromethane	0.20 U	ug/L	0.20	0.80
1/13/2014 11:40	Trip Blank 2	FIELD BLANK	Priority Organic Pollutants	Bromodichloromethane	0.20 U	ug/L	0.20	0.80
1/13/2014 11:40	Trip Blank 2	FIELD BLANK	Priority Organic Pollutants	Dibromochloromethane	0.20 U	ug/L	0.20	0.80

The Bioassay of the City of Tarpon Springs AWWTF effluent sampled on January 13, 2014, NPDES #FL0030406

Fill Out This Section For All Surface Water Discharger Inspections(CEI, CSI, CBI, PAI, XSI-RI Optional)

Transaction Code	NPDES NUMBER	YR/MO/DA	Insp Type	Inspector	Fac Type
1 N 2 5	3 FL0030406 11 12	140113	# B	# S	# 1

Remarks

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The Priority Pollutants Analysis of the City of Tarpon Springs AWWTF effluent sampled on January 13, 2014, NPDES #FL0030406

Fill Out This Section For All Surface Water Discharger Inspections(CEI, CSI, CBI, PAI, XSI-RI Optional)

Transaction Code	NPDES NUMBER	YR/MO/DA	Insp Type	Inspector	Fac Type
1 N 2 5	3 FL0030406 11 12	140113	# X	# S	# 1

Remarks

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Biological Analyses of the City of Tarpon Springs AWWTF effluent sampled on January 13, 2014, NPDES #FL0030406

Fill Out This Section For All Surface Water Discharger Inspections(CEI, CSI, CBI, PAI, XSI-RI Optional)

Transaction Code	NPDES NUMBER	YR/MO/DA	Insp Type	Inspector	Fac Type
1 N 2 5	3 FL0030406 11 12	140113	# S	# S	# 1

Remarks

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