

**REFUGE'S ENHANCED WATER QUALITY PROGRAM
MONTHLY SAMPLING**

July through September, 2013 Data Update
Submitted March 26, 2014

by:

Donatto Surratt

**Everglades National Park
c/o A.R.M. Loxahatchee National Wildlife Refuge**

Phone: 561.735.6003

Email: donatto_surratt@nps.gov

Site	Sample Date	Full(F), Partial(P), None(N), Reanalyzer (R) Units	Depth ¹ meter	Total Depth ² meter	DCS ³ meter	Alkalinity mg/l	Calcium Dissolved mg/l	Carbon, Dissolved Organic mg/l	Carbon, Total Organic mg/l	Chloride mg/l	Conductivity (Field) mMHSO/cm	Nitrate + Nitrite as Nitrogen mg/l	Nitrogen, Total Kjeldahl mg/l	Ortho-phosphate as Phosphorus mg/l	Oxygen, Dissolved (Field) mg/l	pH (Field) pH units	Phosphorus, Total mg/l	Silica mg/l	Solids, Total Dissolv mg/l	Solids, Total Suspended (TSS) mg/l	Sulfate mg/l	Temperature (Field) DEG C	Turbidity NTU
A101	07/09/13	P	0.05	0.10	0.15					58	495				5.5	6.6	0.021			U	8.96	27.5	
A102		N	0.05	0.09	0.13																		
A103		N	0.05	0.09	0.16																		
A104	07/09/13	F	>1M	>1M	>1M	103	35	20	19	66	445	U	1.1	0.011	3.2	7.4	0.032	8.8	294	U	13.3	29.3	1.3
A105	07/09/13	P	0.07	0.14	0.20					30	272				1.7	6.5	0.015			U	4	27.2	
A106	07/09/13	P	0.05	0.10	0.13					21	208				0.2	6.6	0.006			U	2.51	27.3	
A107		N	0.04	0.08	0.13																		
A108	07/09/13	P	0.09	0.18	0.35					15	99				4.4	6.2	0.005			U	U	29.2	
A109	07/10/13	F	0.12	0.25	0.35	31	9	18	18	16	125	U	1.0	0.002	1.0	6.1	0.006	3.2	107	U	1.04	26.3	0.4
A110	07/10/13	P	0.09	0.18	0.27					16	106				3.6	6.3	0.005			U	0.51	27.0	
A111	07/10/13	F	0.10	0.21	0.33	25	6	16	16	13	94	0.005	0.9	U	3.4	6.2	0.005	2.1	88	U	0.52	26.6	0.4
A112	07/10/13	P	0.09	0.18	0.30					13	113				2.4	6.1	0.006			U	0.85	26.9	
A113	07/10/13	F	0.12	0.25	0.37	16	5	17	17	13	89	U	1.0	U	4.3	6.1	0.004	2.6	94	U	0.45	27.9	0.5
A114	07/10/13	F	0.14	0.28	0.35	14	5	18	18	13	87	U	1.0	U	3.1	5.9	0.004	3.1	93	U	0.44	28.0	0.8
A115	07/09/13	F	>1M	>1M	>1M	170	56	33	33	147	948	0.021	1.9	0.013	4.6	7.5	0.026	24.7	618	U	81.8	29.6	1.2
A117	07/11/13	P	0.06	0.13	0.18					17	154				3.3	6.3	0.010			U	1.54	27.7	
A118	07/11/13	F	0.12	0.25	0.34	27	7	13	13	12	102	U	0.7	0.003	2.3	6.1	0.005	2.3	77	U	0.89	27.1	0.3
A119	07/11/13	F	0.17	0.35	0.44	17	5	12	12	12	82	0.003	0.8	U	3.9	6.2	0.005	3.0	62	U	0.47	28.9	0.5
A120	07/11/13	F	0.17	0.35	0.54	13	4	12	12	11	77	U	0.8	0.002	1.8	5.8	0.005	3.9	67	U	U	27.4	0.5
A122	07/11/13	F	0.10	0.21	0.25	43	13	14	14	14	127	0.003	0.7	0.003	1.9	6.1	0.007	3.5	100	U	0.96	27.3	0.5
A124	07/10/13	P	0.07	0.15	0.33					17	108				1.3	5.8	0.010			U	0.49	26.0	
A126	07/11/13	F	0.12	0.24	0.31	34	9	15	15	13	108	0.003	0.9	0.003	2.1	6.0	0.014	5.5	107	U	0.7	27.9	0.4
A127	07/11/13	F	0.14	0.28	0.34	16	6	16	17	13	91	U	0.8	0.003	0.9	5.8	0.005	5.3	84	U	U	27.4	0.6
A128	07/10/13	P	0.09	0.18	0.27					14	86				5.1	6.0	0.005			U	0.44	28.2	
A129	07/09/13	F	>1M	>1M	>1M	108	39	16	16	77	496	0.007	0.9	0.009	1.9	7.1	0.027	7.5	298	U	17.8	28.9	0.6
A130	07/08/13	F	0.13	0.27	0.35	44	11	16	16	15	140	U	0.9	U	0.5	6.3	0.006	5.3	107	U	0.95	27.8	0.4
A131	07/08/13	F	0.14	0.28	0.38	33	11	16	17	15	114	0.003	0.9	U	2.3	6.1	0.006	5.3	104	U	1	28.5	0.5
A132	07/09/13	F	>1M	>1M	>1M	116	41	16	16	83	535	0.010	1.0	0.010	2.4	7.2	0.026	7.4	320	U	20.1	29.1	0.6
A133	07/08/13	P	0.06	0.13	0.53					45	288				0.9	6.4	0.011			U	2.89	27.8	
A134	07/08/13	F	0.11	0.22	0.40	56	18	15	16	36	237	0.007	1.0	U	3.2	6.6	0.006	5.7	158	U	2.31	28.9	0.4
A135	07/09/13	F	>1M	>1M	>1M	143	50	16	16	105	653	0.025	1.0	0.012	4.9	7.5	0.029	6.9	386	U	31.4	30.3	0.7
A136	07/08/13	P	0.07	0.14	0.49					22	202				0.7	6.4	0.010			U	1.93	29.7	
A137	07/08/13	F	0.11	0.22	0.34	42	12	17	17	19	150	U	1.0	U	3.1	6.4	0.005	2.7	120	U	1.5	29.7	0.4
A138	07/08/13	F	0.11	0.22	0.55	30	9	18	18	15	117	0.009	1.2	U	6.0	6.8	0.004	2.4	99	U	0.9	29.9	0.6
A139	07/08/13	F	0.10	0.20	0.33	17	6	18	18	12	87	0.003	1.3	U	6.4	6.5	0.005	1.4	88	U	0.48	30.3	0.6
A140	07/09/13	P	0.08	0.17	0.24					25	191				3.1	6.6	0.006			U	1.6	27.7	
A141	07/11/13	F	0.33	0.66	>1M	26	7	11	11	12	99	0.004	0.7	0.002	1.4	6.2	0.007	3.4	72	U	0.58	28.3	0.5
Total			37																				
Full			22																				
Partial			12																				
None			3																				

(1) Sample depth

(2) Total depth is depth of the clear water column

(3) Depth to consolidated substrate

U indicates that the compound was analyzed for but not detected; see "LOXA_Parameter_Info" tab for table of MDLs.

The analyte was detected in both the sample and the associated method blank

Additional information on the Enhanced Water Quality Monitoring Network can be found at:

http://sofia.usgs.gov/lox_monitor_model/wq_network.html

Data from June 2004 to May 2006 available on DBHYDRO:

<http://www.sfwmd.gov/org/ema/dbhydro/>

Field notes are maintained by the Everglades Program Team at the A.R.M. Loxahatchee National Wildlife Refuge.

A.R.M. Loxahatchee National Wildlife Refuge
Enhanced Water Quality Monitoring Network

Aug-13

Site	Sample Date	Full(F), Partial(P), None(N), Reanalyzer (R) Units	Depth1 meter	Total Depth2 meter	DCS3 meter	Alkalinity mg/l	Calcium Dissolved mg/l	Carbon, Dissolved Organic mg/l	Carbon, Total Organic mg/l	Chloride mg/l	Conductivity (Field) µMHSO/cm	Nitrate + Nitrite as Nitrogen mg/l	Nitrogen, Total Kjeldahl mg/l	Ortho-phosphate as Phosphorus mg/l	Oxygen, Dissolved (Field) mg/l	pH (Field) pH units	Phosphorus, Total mg/l	Silica mg/l	Solids, Total Dissolved (TDS) mg/l	Solids, Total Suspended (TSS) mg/l	Sulfate mg/l	Temperature (Field) DEG C	Turbidity NTU	
A101	08/13/13	P	0.06	0.12	0.20					23	235				0.8	6.4	0.018			U	3.13	26.8		
A102		N																						
A103		N																						
A104	08/13/13	F	>1M	>1M	1.30	141	40	25	25	84	665	0.007	1.6	0.0077	3.6	7.4	0.032	16.4	387	U	32.6	30.3	0.9	
A105		N																						
A106		N																						
A107		N																						
A108	08/13/13	P	0.05	0.11	0.20					15	109				1.2	6.0	0.007			U	U		27.6	
A109	08/14/13	F	0.12	0.24	0.31	29	7	14	14	10	97	U	0.8	U	0.2	6.0	0.010	2.9	80	U	0.9	27.3	0.5	
A110	08/14/13	P	0.07	0.14	0.28					15	116				0.6	5.9	0.006			U	0.52	27.9		
A111	08/14/13	F	0.10	0.21	0.32	20	6	14	14	11	84	0.002	0.7	U	0.6	5.6	0.006	2.5	73	U	0.52	27.4	0.4	
A112	08/14/13	P	0.09	0.19	0.33					9	101				1.2	6.1	0.009			U	0.73	27.3		
A113	08/14/13	P	0.09	0.19	0.32					12	84				1.8	6.0	0.006			U	0.47	28.3		
A114	08/14/13	F	0.11	0.23	0.39	18	5	14	14	12	83	0.005	0.9	U	3.1	6.1	0.007	4.1	78	U	U	28.2		
A115	08/13/13	F	>1M	>1M	1.30	97	29	19	19	58	434	U	1.3	0.004	4.3	7.2	0.025	10.5	287	U	27.6	30.0	0.9	
A117	08/15/13	P	0.09	0.19	0.29					8	98				1.0	6.0	0.010			U	0.98	26.3		
A118	08/15/13	F	0.12	0.25	0.37	31	9	10	11	8	89	U	0.8	U	0.4	5.9	0.007	2.4	78	U	0.73	27.3	0.6	
A119	08/15/13	F	0.11	0.23	0.36	21	6	12	13	11	70	U	0.8	U	0.9	6.0	0.008	3.4	74	U	0.48	28.4	0.6	
A120	08/15/13	F	0.14	0.29	0.51	24	4	11	11	11	74	U	0.9	U	0.7	5.8	0.008	5.1	75	U	U	28.4	0.5	
A122	08/15/13	P	0.07	0.15	0.33					8	114				0.6	6.1	0.010			U	0.81	26.8		
A124	08/14/13	P	0.08	0.17	0.35					16	115				1.7	5.8	0.013			U	0.49	27.1		
A126	08/15/13	F	0.12	0.24	0.39	33	10	14	14	12	107	0.011	1.0	U	1.1	6.1	0.010	6.0	95	U	0.71	26.4	0.6	
A127	08/15/13	P	0.09	0.18	0.35					13	101				1.0	5.9	0.010			U	0.48	27.2		
A128	08/14/13	P	0.09	0.18	0.33					13	92				1.4	5.9	0.007			U	U	28.3		
A129	08/13/13	F	>1M	>1M	1.30	86	26	18	17	34	290	U	1.1	0.006	0.4	6.9	0.032	6.5	186	U	4.52	129.5	0.9	
A130	08/12/13	F	0.12	0.25	0.35	46	16	15	15	16	143	0.004	0.8	U	0.4	6.1	0.008	5.0	112	U	0.86	28.3	0.5	
A131	08/12/13	F	0.14	0.29	0.45	34	9	17	16	14	119	U	1.2	0.003	0.6	6.1	0.008	7.1	103	U	0.53	28.8	0.6	
A132	08/13/13	F	>1M	>1M	1.30	98	30	18	18	45	340	0.007	1.2	0.008	0.5	7.0	0.034	6.9	226	U	8.31	29.7	1.0	
A133		N																						
A134	08/12/13	P	0.09	0.18	0.38					17	153				1.6	6.2	0.007			U	1.28	29.9		
A135	08/13/13	F	>1M	>1M	1.30	98	29	19	19	39	358	0.005	1.1	0.010	0.9	7.1	0.038	7.3	217	U	6.86	29.7	1.3	
A136	08/12/13	F	0.11	0.23	0.55	52	16	16	17	15	161	0.004	1.0	U	1.0	6.1	0.012	3.5	120	U	1.22	30.2	0.6	
A137	08/12/13	P	0.09	0.18	0.30					12	112				5.1	6.2	0.008			U	0.96	30.7		
A138	08/12/13	F	0.11	0.22	0.30	27	8	17	17	10	94	0.007	1.2	U	5.4	6.3	0.007	3.6	97	U	0.74	31.3	0.8	
A139	08/12/13	P	0.09	0.19	0.30					10	77				2.9	5.9	0.006			U	U	30.7		
A140	08/13/13	P	0.07	0.15	0.23					17	152				1.2	6.2	0.008			U	0.96	27.7		
A141	08/15/13	F	0.31	0.62	1.10	27	7	11	11	11	92	0.002	0.9	U	0.9	6.0	0.012	3.6	84	U	0.51	28.9	1.4	
Total																								
Full																								
Partial																								
None																								

(1) Sample depth

(2) Total depth is depth of the clear water column

(3) Depth to consolidated substrate

U indicates that the compound was analyzed for but not detected; see "LOXA_Parameter_Info" tab for table of MDLs.

The analyte was detected in both the sample and the associated method blank

Additional information on the Enhanced Water Quality Monitoring Network can be found at:

http://sofia.usgs.gov/lox_monitor_model/wq_network.html

Data from June 2004 to May 2006 available on DBHYDRO:

<http://www.sfwmd.gov/org/ema/dbhydro/>

Field notes are maintained by the Everglades Program Team at the A.R.M. Loxahatchee National Wildlife Refuge.

A.R.M. Loxahatchee National Wildlife Refuge
Enhanced Water Quality Monitoring Network

Sep-13

Site	Sample Date	Full(F), Partial(P), None(N), Reanalyzer (R)	Depth ¹	Total Depth ²	DCS ³	Alkalinity	Calcium Dissolved	Carbon, Dissolved Organic	Carbon, Total Organic	Chloride	Conductivity (Field)	Nitrate + Nitrite as Nitrogen	Nitrogen, Total Kjeldahl	Ortho-phosphate as Phosphorus	Oxygen, Dissolved (Field)	pH (Field)	Phosphorus, Total	Silica	Solids, Total Dissolv	Solids, Total Suspended (TSS)	Sulfate	Temperature (Field)	Turbidity	
		Units	meter	meter	meter	mg/l	mg/l	mg/l	mg/l	mg/l	µMHSO/cm	mg/l	mg/l	mg/l	mg/l	pH units	mg/l	mg/l	mg/l	mg/l	mg/l	DEG C	NTU	
A101	09/10/13	P	0.08	0.17	0.27					52	385				0.9	6.6	0.015			U	3.65	26.0		
A102	09/10/13	P	0.06	0.12	0.21					20	192				1.8	6.3	0.015			U	1.53	26.2		
A103	09/10/13	P	0.06	0.13	0.19					14	151				0.0	6.2	0.011			U	1.15	25.9		
A104	09/11/13	F	>1M	>1M	1.30	150	52	19	21	78	593	U	1.2	0.006	3.5	7.3	0.036	10.7	385	5.5	33.1	28.7	1.9	
A105	09/10/13	P	0.09	0.19	0.30					58	458				1.7	6.7	0.021			U	7.56	27.2		
A106	09/10/13	P	0.05	0.11	0.25					41	357				2.4	6.7	0.023			U	5.8	26.9		
A107		N																						
A108	09/10/13	P	0.05	0.10	0.23					19	106				0.4	6.2	0.007			U	U	28.7		
A109	09/11/13	F	0.12	0.24	0.39	41	10	15	16	14	130	0.002	0.9	0.004	1.4	6.1	0.015	8.5	109	U	1.54	26.8	0.5	
A110	09/11/13	P	0.06	0.12	0.32					18	121				4.4	6.2	0.006			U	0.59	26.7		
A111	09/11/13	F	0.10	0.21	0.37	17	5	13	13	12	171	U	0.8	U	2.4	5.9	0.006	2.1	72	U	0.58	26.7	1.3	
A112	09/11/13	P	0.07	0.14	0.45					11	93				1.3	5.9	0.009			U	0.71	26.0		
A113	09/11/13	F	0.11	0.23	0.35	16	5	14	15	14	88	U	1.0	0.002	3.6	5.8	0.005	4.0	82	U	0.47	26.9	0.7	
A114	09/11/13	P	0.08	0.17	0.30					13	127				2.9	5.8	0.006			U	0.48	27.2		
A115	09/11/13	F	>1M	>1M	1.30	165	55	21	23	103	707	0.011	1.4	0.007	3.3	7.3	0.032	14.0	449	6	39.4	29.0	1.9	
A117	09/12/13	F	0.12	0.24	0.35	50	16	16	15	26	92	0.003	0.9	0.003	0.3	6.0	0.014	5.3	141	U	4.6	26.0	0.6	
A118	09/12/13	F	0.13	0.26	0.43	28	8	12	12	10	96	U	0.7	0.003	1.3	5.9	0.008	3.6	72	U	0.83	26.3	0.4	
A119	09/12/13	F	0.14	0.28	0.34	27	7	15	14	12	97	0.009	1.0	U	2.1	6.1	0.009	3.9	82	U	0.56	26.8	0.6	
A120	09/12/13	F	0.18	0.39	0.53	18	6	15	15	16	104	U	0.9	0.003	2.0	5.8	0.008	7.6	91	U	U	26.7	0.5	
A122	09/12/13	F	0.11	0.23	0.46	66	21	16	16	14	176	0.003	0.8	0.003	1.4	6.3	0.013	3.8	129	U	1.45	26.6	1.1	
A124	09/11/13	P	0.09	0.19	0.52					15	102				1.9	5.0	0.025			U	0.51	25.8		
A126	09/12/13	F	0.18	0.37	0.45	31	10	13	13	12	106	U	0.8	0.003	2.0	6.2	0.007	4.7	81	U	0.89	25.7	0.5	
A127	09/12/13	F	0.14	0.28	0.48	15	6	14	14	12	79	0.003	0.8	0.003	1.6	5.8	0.007	7.2	67	U	U	25.9	0.6	
A128	09/11/13	P	0.08	0.16	0.28					14	90				3.5	5.7	0.005			U	U	26.8		
A129	09/11/13	F	>1M	>1M	1.30	193	65	22	22	96	733	0.035	1.4	0.022	2.2	7.1	0.040	13.8	466	U	49.8	28.3	1.2	
A130	09/09/13	F	0.14	0.28	0.43	54	16	17	17	18	163	U	0.8	0.003	0.5	6.2	0.010	5.4	158	U	1.1	26.0	0.5	
A131	09/09/13	F	0.13	0.27	0.35	36	10	16	17	15	126	U	1.2	0.006	8.4	6.8	0.009	8.7	139	U	0.68	27.0	0.6	
A132	09/11/13	F	>1M	>1M	1.30	186	66	22	23	96	734	0.022	1.4	0.023	2.0	7.2	0.040	13.5	476	U	49.9	28.3	0.9	
A133	09/09/13	P	0.05	0.11	0.56					29	266				1.9	6.4	0.023			U	1.31	27.6		
A134	09/09/13	F	0.14	0.28	0.43	63	19	18	18	19	193	U	1.1	0.003	2.8	6.6	0.010	6.9	171	U	1.31	27.6	0.5	
A135	09/11/13	F	>1M	>1M	1.30	178	63	21	21	94	716	0.034	1.3	0.022	2.1	7.2	0.039	12.8	454	U	49.3	28.2	0.9	
A136	09/09/13	P	0.09	0.18	0.59					22	221				4.0	6.5	0.014			U	1.23	28.9		
A137	09/09/13	F	0.11	0.22	0.34	40	12	16	17	14	127	U	1.1	0.003	2.0	6.2	0.011	4.8	149	U	1.06	28.8	0.7	
A138	09/09/13	F	0.11	0.22	0.33	33	11	18	18	13	18	U	1.4	0.003	5.0	6.6	0.009	7.0	140	U	0.71	28.2	0.7	
A139	09/09/13	P	0.08	0.17	0.27					12	88				4.9	6.4	0.005			U	0.48	28.9		
A140	09/10/13	P	0.07	0.15	0.30					13	125				3.6	6.3	0.010			U	1.01	26.9		
A141	09/12/13	F			1.10	36	10	14	14	14	123	0.004	0.9	0.003	0.6	5.9	0.010	4.6	94	U	1.12	26.7	0.7	
Total			37																					
Full			21																					
Partial			15																					
None			1																					

(1) Sample depth

(2) Total depth is depth of the clear water column

(3) Depth to consolidated substrate

U indicates that the compound was analyzed for but not detected; see "LOXA_Parameter_Info" tab for table of MDLs.

The analyte was detected in both the sample and the associated method blank

Additional information on the Enhanced Water Quality Monitoring Network can be found at:

http://sofia.usgs.gov/lox_monitor_model/wq_network.html

Data from June 2004 to May 2006 available on DBHYDRO:

<http://www.sfwmd.gov/org/ema/dbhydro/>

Field notes are maintained by the Everglades Program Team at the A.R.M. Loxahatchee National Wildlife Refuge.

**AR.M. Loxahatchee National Wildlife Refuge
Enhanced Water Quality Monitoring Network**

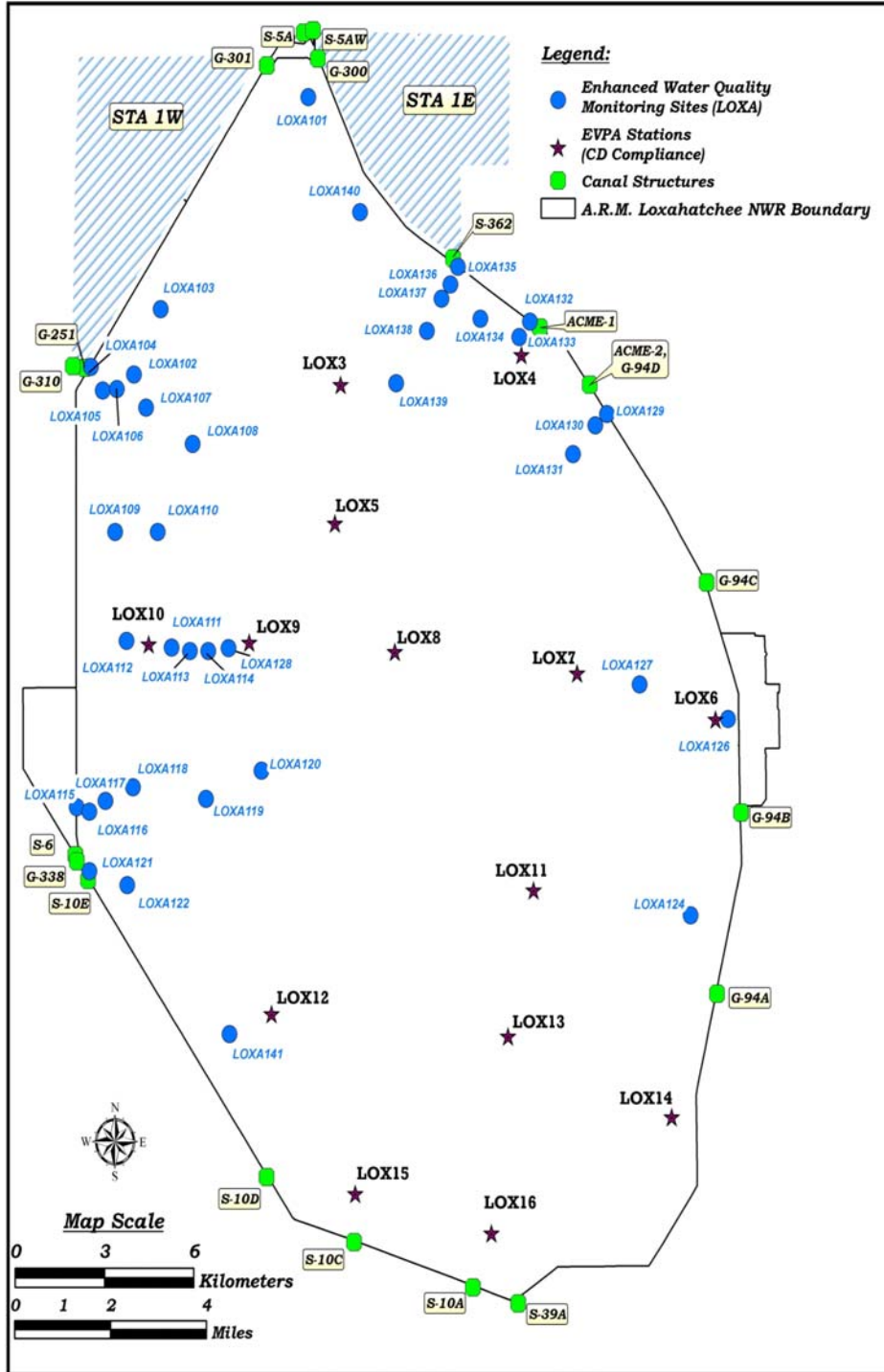
Parameter Information:

Parameter	Units	Analysis Method	MDL
Alkalinity as CaCO ₃ , Total	mg/L	310.1	5
Calcium Dissolved	mg/L	200.7	0.02 - 0.03
Carbon, Dissolved Organic	mg/L	415.1	0.1 - 0.3
Carbon, Total Organic	mg/L	415.1	0.1 - 0.3
Chloride	mg/L	300.0	0.1
Conductivity (field)	μMHOS/cm	120.1 (field)	-
Nitrate + Nitrite as Nitrogen	mg/L	300.0	0.003 - 0.009
Nitrogen, Total Kjeldahl (TKN)	mg/L	351.2	0.06 - 0.07
Ortho-phosphate as Phosphorus	mg/L	365.1	0.002 - 0.003
Oxygen, Dissolved (Field)	mg/L	360.1	1
pH (Field)	pH units	150.1	-
Phosphorus, Total	mg/L	365.3	0.003
Silica	mg/L	370.1	0.14
Solids, Total Dissolved (TDS)	mg/L	160.1	10
Solids, Total Suspended (TSS)	mg/L	160.2	5
Sulfate	mg/L	300.0	0.1
Temperature (Field)	DEG C	170.1	-
Turbidity	NTU	180.1	0.1

Note: Nitrate and Nitrite not analyzed after June 2006

**A.R.M. Loxahatchee National Wildlife Refuge
Enhanced Water Quality Monitoring Network**

Map of sites:



**A.R.M. Loxahatchee National Wildlife Refuge
Enhanced Water Quality Monitoring Network**

August 2006

Coordinates of sites:

Name	Latitude	Longitude	X_DMS*	Y_DMS*	X_DM**	Y_DM**
LOXA101	26.66739249	-80.36636475	80° 21' 58.91" W	26° 40' 2.61" N	80° 21.9818333' W	26° 40.0435' N
LOXA102	26.59598877	-80.42553769	80° 25' 31.94" W	26° 35' 45.56" N	80° 25.532333' W	26° 35.7593333333333' N
LOXA103	26.61285142	-80.41643631	80° 24' 59.17" W	26° 36' 46.27" N	80° 24.98616667' W	26° 36.7711666666667' N
LOXA104	26.59798188	-80.44004508	80° 26' 24.16" W	26° 35' 52.73" N	80° 26.4026667' W	26° 35.8788333333333' N
LOXA105	26.59189923	-80.43609407	80° 26' 9.94" W	26° 35' 30.84" N	80° 26.1656667' W	26° 35.514' N
LOXA106	26.59220622	-80.43128096	80° 25' 52.61" W	26° 35' 31.94" N	80° 25.876833' W	26° 35.5323333333333' N
LOXA107	26.58739046	-80.42144468	80° 25' 17.20" W	26° 35' 14.61" N	80° 25.286667' W	26° 35.2435' N
LOXA108	26.5779601	-80.40585344	80° 24' 21.07" W	26° 34' 40.66" N	80° 24.35116667' W	26° 34.6776666666667' N
LOXA109	26.55528865	-80.43205157	80° 25' 55.39" W	26° 33' 19.04" N	80° 25.92316667' W	26° 33.3173333333333' N
LOXA110	26.55523973	-80.41769154	80° 25' 3.69" W	26° 33' 18.86" N	80° 25.0615' W	26° 33.3143333333333' N
LOXA111	26.52533583	-80.41314705	80° 24' 47.33" W	26° 31' 31.21" N	80° 24.7888333' W	26° 31.5201666666667' N
LOXA112	26.52712473	-80.42837332	80° 25' 42.14" W	26° 31' 37.65" N	80° 25.702333' W	26° 31.6275' N
LOXA113	26.52442784	-80.40699875	80° 24' 25.20" W	26° 31' 27.94" N	80° 24.42' W	26° 31.4656666666667' N
LOXA114	26.52439258	-80.40083965	80° 24' 3.02" W	26° 31' 27.81" N	80° 24.050333' W	26° 31.4635' N
LOXA115	26.48422578	-80.44533675	80° 26' 43.21" W	26° 29' 3.21" N	80° 26.7201667' W	26° 29.0535' N
LOXA116	26.4830586	-80.441098	80° 26' 27.95" W	26° 28' 59.01" N	80° 26.4658333' W	26° 28.9835' N
LOXA117	26.48580427	-80.4356858	80° 26' 8.47" W	26° 29' 8.90" N	80° 26.14116667' W	26° 29.1483333333333' N
LOXA118	26.48928924	-80.42639091	80° 25' 35.01" W	26° 29' 21.44" N	80° 25.5835' W	26° 29.3573333333333' N
LOXA119	26.48621462	-80.40180845	80° 24' 6.51" W	26° 29' 10.37" N	80° 24.1085' W	26° 29.1728333333333' N
LOXA120	26.49341054	-80.38307987	80° 22' 59.09" W	26° 29' 36.28" N	80° 22.9848333' W	26° 29.6046666666667' N
LOXA121	26.46767673	-80.44113231	80° 26' 28.08" W	26° 28' 3.64" N	80° 26.468' W	26° 28.0606666666667' N
LOXA122	26.46404297	-80.42843367	80° 25' 42.36" W	26° 27' 50.55" N	80° 25.706' W	26° 27.8425' N
LOXA123	26.42675307	-80.40036372	80° 24' 1.31" W	26° 25' 36.31" N	80° 24.0218333' W	26° 25.6051666666667' N
LOXA124	26.45535397	-80.23875455	80° 14' 19.52" W	26° 27' 19.27" N	80° 14.325333' W	26° 27.3211666666667' N
LOXA126	26.50601148	-80.22585171	80° 13' 33.07" W	26° 30' 21.64" N	80° 13.55116667' W	26° 30.3606666666667' N
LOXA127	26.51513474	-80.25555976	80° 15' 20.02" W	26° 30' 54.49" N	80° 15.3336667' W	26° 30.9081666666667' N
LOXA128	26.52516286	-80.3940121	80° 23' 38.44" W	26° 31' 30.59" N	80° 23.6406667' W	26° 31.5098333333333' N
LOXA129	26.58500726	-80.26608256	80° 15' 57.90" W	26° 35' 6.03" N	80° 15.965' W	26° 35.1005' N
LOXA130	26.58211881	-80.27005531	80° 16' 12.20" W	26° 34' 55.63" N	80° 16.20333' W	26° 34.9271666666667' N
LOXA131	26.57474791	-80.27764653	80° 16' 39.53" W	26° 34' 29.09" N	80° 16.6588333' W	26° 34.4848333333333' N
LOXA132	26.60900561	-80.29189939	80° 17' 30.84" W	26° 36' 32.42" N	80° 17.514' W	26° 36.5403333333333' N
LOXA133	26.6050896	-80.29557491	80° 17' 44.07" W	26° 36' 18.32" N	80° 17.7345' W	26° 36.3053333333333' N
LOXA134	26.60985664	-80.30860325	80° 18' 30.97" W	26° 36' 35.48" N	80° 18.51616667' W	26° 36.5913333333333' N
LOXA135	26.62335538	-80.31612276	80° 18' 58.04" W	26° 37' 24.08" N	80° 18.967333' W	26° 37.4013333333333' N
LOXA136	26.61879302	-80.31866688	80° 19' 7.20" W	26° 37' 7.65" N	80° 19.12' W	26° 37.1275' N
LOXA137	26.61510337	-80.32170327	80° 19' 18.13" W	26° 36' 54.37" N	80° 19.30216667' W	26° 36.9061666666667' N
LOXA138	26.60681693	-80.32666537	80° 19' 36.00" W	26° 36' 24.54" N	80° 19.6' W	26° 36.409' N
LOXA139	26.59332525	-80.33715389	80° 20' 13.75" W	26° 35' 35.97" N	80° 20.22916667' W	26° 35.5995' N
LOXA140	26.63760323	-80.34909432	80° 20' 56.74" W	26° 38' 15.37" N	80° 20.9456667' W	26° 38.2561666666667' N
LOXA141	26.42708333	80.3942	80° 23' 39.12" W	26° 38' 37.5" N	80° 23.652' W	26° 25.625' N

* DMS = Degrees Minutes Seconds

** DM = Degrees Minutes Decimal Minutes

Additional information on the coordinates for the Enhanced Water Quality Monitoring Network can be found at:

http://sofia.usgs.gov/lox_monitor_model/workplans/EnhancedWQsamplingStations_.pdf