

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

January through March, 2014 Data Update
Submitted July 28, 2014

by:

Donatto Surratt

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

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

Jan-14

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	µMHSC/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	01/14/14	P	0.08	0.16	0.24					114	727				1.6	7.2	0.013			U	10.2	19.0	
A102	01/14/14	P	0.08	0.17	0.20					89	518				3.8	7.1	0.007			U	5.6	19.5	
A103	01/14/14	P	0.08	0.17	0.21					79	429				1.5	7.0	0.007			U	3.5	20.3	
A104	01/15/14	F	>1M	>1M	>1	201	52	25	26	139	864	0.045	1.7	0.003	7.5	7.9	0.028	10.2	539	U	42	22.5	1.3
A105	01/14/14	P	0.09	0.19	0.31					149	900				1.2	7.3	0.014			U	17.6	19.5	
A106	01/14/14	P	0.09	0.19	0.20					127	756				2.8	7.3	0.011			U	15.8	20.1	
A107	01/14/14	P	0.05	0.10	0.13					44	257				2.5	6.8	0.005			U	0.76	19.7	
A108	01/14/14	P	0.05	0.10	0.19					45	215				5.0	6.9	0.009			U	0.47	24.4	
A109	01/15/14	F	0.16	0.32	0.40	66	23	22	22	84	410	U	1.1	0.004	3.1	6.9	0.011	14.6	279	U	3.91	20.5	0.4
A110	01/15/14	P	0.09	0.19	0.26					35	190				3.1	6.7	0.008			U	0.56	20.6	
A111	01/15/14	P	0.06	0.13	0.31					24	143				4.4	6.6	0.006			U	0.63	20.1	
A112	01/15/14	F	0.15	0.31	0.41	45	14	19	18	52	270	0.003	1.0	U	4.3	7.0	0.008	8.7	187	U	1.76	20.0	0.4
A113	01/15/14	P	0.09	0.19	0.28					25	128				5.5	6.6	0.006			U	0.57	20.3	
A114	01/15/14	F	0.12	0.25	0.34	17	6	17	18	24	124	0.007	1.0	U	5.0	6.7	0.007	1.2	100	U	0.51	21.0	0.5
A115	01/15/14	F	>1M	>1M	>1M	223	64	24	24	133	858	0.194	1.5	0.004	7.2	7.6	0.022	11.3	535	U	43.2	21.1	1.0
A117	01/16/14	F	0.12	0.24	0.39	136	45	29	31	47	656	0.006	1.4	0.006	1.2	7.3	0.013	18.7	428	U	2.15	15.6	0.6
A118	01/16/14	F	0.13	0.27	0.39	54	17	17	17	20	275	U	0.9	0.003	2.6	7.5	0.008	7.9	187	U	0.56	16.2	0.4
A119	01/16/14	F	0.14	0.28	0.43	31	8	16	16	20	126	U	0.9	0.003	6.5	7.9	0.007	4.3	100	U	0.56	15.7	0.5
A120	01/16/14	F	0.15	0.30	0.45	26	7	17	17	25	133	0.003	1.1	0.005	8.5	7.9	0.007	5.9	112	U	U	15.4	1.8
A122	01/16/14	F	0.12	0.25	0.41	126	39	24	26	114	506	0.003	1.3	0.005	0.7	7.3	0.013	15.9	343	U	16.5	15.9	1.4
A124	01/15/14	P	0.09	0.19	0.37					36	196				1.6	6.4	0.020			U	0.96	20.0	
A126	01/16/14	F	0.17	0.35	0.47	70	24	17	18	65	351	U	1.1	0.002	1.8	7.2	0.007	10.4	237	U	2.74	16.1	0.5
A127	01/16/14	F	0.12	0.25	0.42	U	7	14	15	21	112	0.008	0.9	0.003	1.9	7.6	0.007	7.2	97	U	U	15.8	0.8
A128	01/15/14	P	0.05	0.11	0.26					23	125				1.1	6.9	0.006			U	0.48	20.8	
A129	01/15/14	F	>1M	>1M	>1M	228	76	27	28	182	1057	0.142	1.9	0.002	5.5	7.5	0.039	6.4	642	U	42.2	21.5	3.3
A130	01/13/14	F	0.10	0.21	0.36	76	27	18	19	56	342	0.011	0.8	U	1.9	6.4	0.011	4.3	201	U	1.35	21.7	0.5
A131	01/13/14	F	0.12	0.25	0.36	44	13	18	18	27	174	0.004	1.2	U	2.2	6.5	U	3.3	115	U	0.55	20.9	0.6
A132	01/15/14	F	>1M	>1M	>1M	238	77	27	29	198	1127	0.177	2.0	U	4.5	7.6	0.045	3.5	688	U	47.4	21.5	4.9
A133	01/13/14	P	0.07	0.15	0.43					94	547				0.4	6.4	0.013			U	1.88	20.4	
A134	01/13/14	F	0.12	0.24	0.37	137	41	25	25	94	539	U	1.4	U	4.6	6.8	0.007	6.5	326	U	2.77	22.8	0.5
A135	01/15/14	F	>1M	>1M	>1	238	80	28	29	197	1125	0.185	2.0	U	5.0	7.6	0.047	3.8	688	U	48.4	21.7	4.1
A136	01/13/14	P	0.07	0.14	0.63					125	707				4.4	6.8	0.016			U	4.62	22.4	
A137	01/13/14	P	0.08	0.16	0.33					108	600				6.2	6.9	0.008			U	4.69	22.7	
A138	01/13/14	P	0.07	0.15	0.28					45	271				8.7	7.1	0.005			U	0.84	25.2	
A139		N																					
A140	01/14/14	P	0.08	0.16	0.23					58	323				2.8	7.0	0.013			U	1.26	20.1	
A141	01/16/14	F	>1M	>1M	>1M	86	26	19	19	59	368	U	1.2	0.004	1.8	7.5	0.016	13.1	248	U	5.8	17.4	1.4
Total			37																				
Full			19																				
Partial			17																				
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.

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

Feb-14

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	02/11/14	F	0.14	0.28	0.33	116	35	22	21	75	480	0.021	1.1	0.003	2.0	6.7	0.014	6.8	305	U	6.96	20.3	0.5	
A102	02/11/14	P	0.09	0.19	0.32					93	548				4.8	6.9	0.009		U		7.64	21.5		
A103	02/11/14	F	0.12	0.25	0.29	105	31	23	24	93	515	0.011	1.2	0.004	3.9	6.9	0.011	6.4	322	U	7.13	20.6	0.4	
A104	02/11/14	F	>1M	>1M	>1M	273	93	30	32	138	1046	0.138	2.0	0.011	4.5	7.5	0.038	16.8	672	U	74.2	23.6	1.5	
A105	02/11/14	F	0.14	0.28	0.30	211	63	25	26	131	857	0.002	1.5	0.005	2.3	7.0	0.015	11.5	530	U	37.1	22.8	0.8	
A106	02/11/14	F	0.11	0.22	0.33	189	56	26	24	130	810	0.004	1.3	0.007	3.9	7.0	0.009	10.3	501	U	32.9	22.0	0.4	
A107	02/11/14	P	0.07	0.15	0.23					63	368				2.8	6.9	0.007		U		2.27	21.7		
A108	02/11/14	P	0.08	0.17	0.29					26	141				6.4	7.0	0.006		U		0.51	24.8		
A109	02/12/14	F	0.23	0.47	0.59	92	29	23	23	93	501	U	1.3	0.006	2.7	6.8	0.009	13.8	326	U	9.78	21.5	0.4	
A110	02/12/14	F	0.14	0.28	0.39	32	8	17	17	27	151	U	0.9	0.003	6.0	7.5	0.005	2.2	122	U	0.67	22.0	0.4	
A111	02/12/14	F	0.10	0.20	0.41	24	7	14	14	19	116	U	0.8	U	5.6	6.8	0.005	0.8	91	U	0.68	21.6	0.5	
A112	02/12/14	F	0.16	0.32	0.57	62	19	19	19	65	344	0.049	1.0	0.004	2.0	6.7	0.005	11.7	225	U	4.65	21.5	0.4	
A113	02/12/14	F	0.15	0.30	0.42	23	6	13	13	18	106	U	0.8	0.004	7.2	6.6	0.004	0.8	81	U	0.56	23.4	0.5	
A114	02/12/14	F	0.17	0.35	0.42	21	5	13	14	17	101	U	0.8	U	7.8	6.7	0.006	0.7	80	U	0.51	23.2	0.7	
A115	02/11/14	F	>1M	>1M	>1M	265	89	29	31	131	1018	0.160	2.0	0.017	4.2	7.2	0.036	16.9	656	U	76.5	24.0	1.1	
A117	02/13/14	F	0.18	0.36	0.49	162	47	26	26	115	709	U	1.3	0.005	2.8	6.9	0.017	13.2	447	U	32.2	20.1	0.6	
A118	02/13/14	F	0.20	0.41	0.55	77	23	20	19	67	379	U	1.0	0.004	4.1	7.0	0.010	9.6	248	U	4.5	21.3	0.5	
A119	02/13/14	F	0.22	0.44	0.55	29	8	13	13	18	115	U	0.8	U	3.4	7.3	0.006	2.0	91	U	0.67	22.6	0.7	
A120	02/13/14	F	0.24	0.49	0.60	22	7	15	15	20	112	0.003	1.0	0.002	7.5	6.9	0.006	2.8	99	U	U	22.7	0.6	
A122	02/13/14	F	0.17	0.35	0.52	139	43	25	25	89	578	U	1.3	0.006	1.7	7.1	0.015	15.6	392	U	21.6	21.3	1.0	
A124	02/12/14	F	0.10	0.20	0.53	73	24	18	19	68	373	U	1.0	0.005	0.5	6.0	0.023	9.4	245	U	2.56	20.9	0.6	
A126	02/13/14	F	0.19	0.39	0.57	158	56	20	21	126	793	U	1.2	0.004	8.5	6.6	0.007	9.7	456	U	34.2	23.7	0.7	
A127	02/13/14	F	0.18	0.37	0.52	17	7	15	16	21	109	U	1.1	0.002	1.5	6.8	0.005	5.0	98	U	U	23.2	1.1	
A128	02/12/14	F	0.10	0.21	0.35	21	5	14	14	18	105	U	1.0	U	3.8	6.3	0.005	1.0	85	U	U	23.1	0.7	
A129	02/11/14	F	>1M	>1M	>1M	204	68	22	22	143	905	0.092	1.5	0.008	3.4	7.5	0.045	8.0	554	U	45	23.6	2.8	
A130	02/10/14	F	0.16	0.32	0.45	163	55	22	24	126	754	0.046	1.2	0.003	0.4	6.8	0.017	7.9	449	U	21.4	20.5	2.1	
A131	02/10/14	F	0.18	0.36	0.46	56	13	14	14	25	164	0.007	0.8	U	5.1	6.4	0.003	0.8	111	U	0.68	20.1	0.5	
A132	02/11/14	F	>1M	>1M	>1M	218	69	22	23	142	906	0.103	1.5	0.012	3.2	7.4	0.041	8.2	550	U	44.6	23.5	2.6	
A133	02/10/14	P	0.09	0.18	0.38					106	602				1.8	6.7	0.021		U		5.21	21.2		
A134	02/10/14	F	0.12	0.24	0.41	155	54	23	23	123	709	0.006	1.3	0.003	3.3	6.9	0.009	5.8	427	U	15.3	21.8	1.0	
A135	02/11/14	F	>1M	>1M	>1M	207	68	24	25	143	910	0.106	1.5	0.013	3.8	7.5	0.038	8.1	552	U	44	23.2	1.8	
A136	02/10/14	F	0.14	0.28	0.53	188	63	25	24	138	839	0.036	1.3	0.004	0.6	6.9	0.019	10.3	505	U	29.4	21.6	1.4	
A137	02/10/14	F	0.13	0.27	0.43	162	54	26	25	128	741	0.065	1.4	0.003	4.6	6.9	0.011	7.1	452	U	16.7	22.8	0.8	
A138	02/10/14	F	0.12	0.24	0.39	69	25	19	20	57	324	0.014	1.1	U	6.0	6.8	0.003	1.6	204	U	1.63	22.1	0.5	
A139	02/10/14	P	0.08	0.17	0.28					23	140				6.1	7.0	0.003		U		0.68	21.4		
A140	02/11/14	F	0.14	0.29	0.36	57	19	22	22	52	290	0.004	1.1	0.007	3.4	6.5	0.005	2.7	196	U	1.87	21.7	0.4	
A141	02/13/14	F	0.50	0.99	1.30	126	41	22	22	90	581	0.004	1.3	0.005	2.5	7.1	0.011	12.3	372	U	30.2	21.4	1.4	
Total																								
Full																								
Partial																								
None																								

(1) Sample depth

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

(3) Depth to consolidated substrate

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

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

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) 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 Dissolv mg/l	Solids, Total Suspended (TSS) mg/l	Sulfate mg/l	Temperature (Field) DEG C	Turbidity NTU
A101	03/11/14	P	0.08	0.17	0.22					74	487				0.5	6.5	0.014			U	6	19.3	
A102		N																					
A103	03/11/14	P	0.06	0.12	0.22					45	274				2.6	6.5	0.003			U	1.8	19.0	
A104	03/11/14	F	>1M	>1M	>1M	187	63	28	28	143	897	0.033	1.7	0.006	5.0	7.4	0.025	10.0	553	U	41.1	22.7	1.7
A105	03/11/14	F	0.09	0.18	0.29					109	660				1.6	6.7	0.011			U	10.8	19.7	
A106	03/11/14	P	0.07	0.14	0.18					60	365				2.3	6.9	0.005			U	4.6	19.3	
A107		N																					
A108		N																					
A109	03/12/14	F	0.13	0.26	0.40	48	16	18	18	55	301	0.008	0.9	U	2.0	6.9	0.007	4.6	195	U	2.1	22.0	2.4
A110	03/12/14	P	0.08	0.16	0.25					27	164				2.6	7.0	0.003			U	0.5	21.7	
A111	03/12/14	P	0.09	0.18	0.24					20	118				2.8	6.8	0.002			U	0.6	21.5	
A112	03/12/14	F	0.10	0.20	0.37	34	10	16	17	34	183	U	0.9	U	2.8	7.0	0.005	1.8	136	U	1.1	21.5	0.4
A113	03/12/14	F	0.11	0.22	0.34	20	6	16	17	20	115	U	1.1	U	3.8	7.2	0.006	1.0	97	U	0.5	22.8	0.6
A114	03/12/14	F	0.10	0.20	0.33	16	5	17	17	21	111	U	1.1	U	4.7	6.8	0.004	1.6	91	U	U	23.2	0.6
A115		N	>1M	>1M	>1M	178	61	27	27	130	843	0.054	1.6	0.007	4.9	7.3	0.022	11.6	530	U	42.4	22.2	1.1
A117	03/13/14	P	0.08	0.17	0.33					70	414				1.7	6.7	0.008			U	6.9	20.6	
A118	03/13/14	F	0.14	0.28	0.39	39	13	16	16	37	218	0.004	1.2	U	3.7	6.7	0.005	3.7	148	U	1.5	20.8	0.5
A119	03/13/14	F	0.13	0.27	0.42	28	8	16	16	20	122	0.005	1.1	U	5.1	6.7	0.005	2.4	96	U	0.5	21.3	0.6
A120	03/13/14	F	0.13	0.27	0.43	22	6	17	18	23	126	0.006	1.1	U	5.6	6.6	0.004	3.2	98	U	U	21.1	0.7
A122	03/13/14	P	0.09	0.18	0.32					70	435				0.8	6.9	0.011			U	5.7	21.8	
A124	03/12/14	F	0.10	0.20	0.47	36	14	17	17	42	215	U	0.8	U	2.8	6.9	0.014	5.2	152	U	0.7	20.9	0.7
A126	03/13/14	F	0.12	0.25	0.44	80	27	20	20	69	390	0.003	1.4	U	1.8	7.1	0.005	3.8	261	U	3.5	21.1	0.8
A127	03/13/14	F	0.11	0.23	0.39	21	8	17	18	24	123	0.004	1.2	0.003	2.3	6.9	0.003	5.3	110	U	U	21.1	0.5
A128	03/12/14	P	0.08	0.16	0.29					23	125				5.7	6.8	0.003			U	U	24.8	
A129	03/11/14	F	>1M	>1M	>1M	158	56	23	24	132	772	0.064	1.4	0.012	3.2	7.2	0.028	7.8	472	U	18.9	23.2	1.2
A130	03/10/14	F	0.13	0.26	0.36	94	33	20	21	89	439	0.054	1.1	0.003	1.5	6.5	0.005	5.7	287	U	2.7	19.2	0.4
A131	03/10/14	F	0.14	0.29	0.37	41	13	19	19	27	175	0.003	1.2	0.003	3.2	6.5	0.009	1.1	123	U	0.5	20.7	0.5
A132	03/11/14	F	>1M	>1M	>1M	158	56	24	23	130	768	0.033	1.5	0.012	3.5	7.2	0.030	6.9	466	U	18.9	23.3	1.2
A133	03/10/14	P	0.08	0.19	0.45					77	493				0.9	6.6	0.008			U	1.7	19.7	
A134	03/10/14	F	0.22	0.25	0.39	91	31	20	21	68	409	0.078	1.2	0.003	2.7	6.8	0.004	2.8	257	U	2.4	20.9	0.3
A135	03/11/14	F	>1M	>1M	>1M	180	65	24	24	160	921	0.127	1.6	0.011	3.8	7.3	0.033	6.4	553	U	28.8	23.2	1.3
A136	03/10/14	F	0.13	0.26	0.64	119	41	25	25	92	553	0.019	1.5	0.003	3.4	7.2	0.013	3.9	333	U	5.3	22.5	1.0
A137	03/10/14	F	0.10	0.21	0.35	74	24	22	22	53	326	U	1.4	0.002	3.6	7.3	0.004	1.9	210	U	1.7	21.7	0.5
A138	03/10/14	P	0.09	0.18	0.28					34	216				2.8	7.2	0.003			U	0.8	21.8	
A139	03/10/14	P	0.07	0.15	0.25					29	160				1.2	7.1	0.006			U	0.5	21.9	
A140	03/11/14	P	0.17	0.24	0.24					30	201				1.6	6.2	0.005			U	1	19.9	
A141	03/13/14	F	0.20	0.40	0.63	62	20	18	18	49	306	0.004	1.1	0.004	1.6	6.9	0.011	9.9	219	U	4.8	22.2	0.8
Total			37																				
Full			21																				
Partial			12																				
None			4																				

(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**

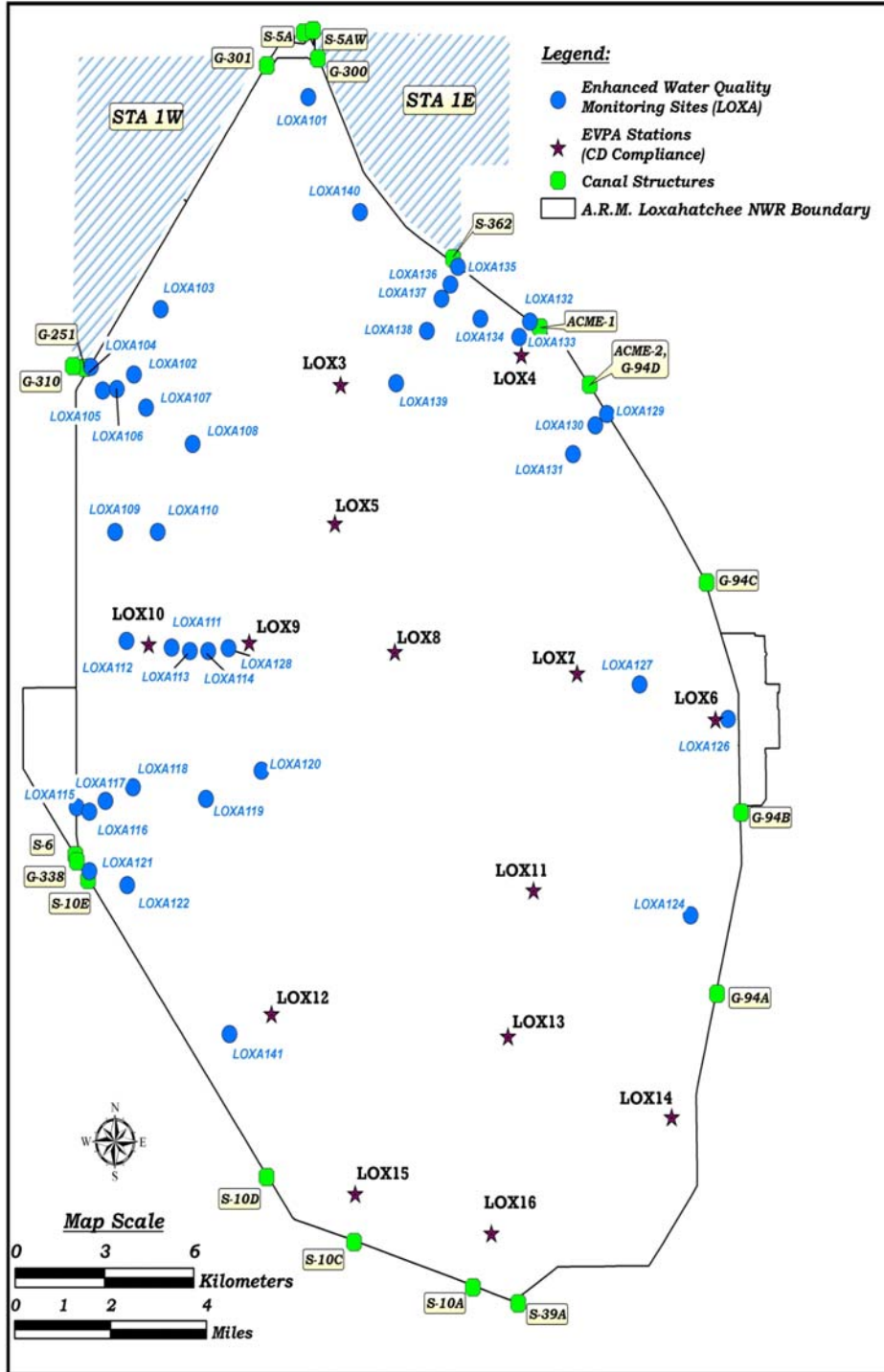
Parameter Information:

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