

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

January through March, 2012 Data Update
Submitted May 24, 2012

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-12

Site	Sample Date	Full(F), Partial(P), None(N), Reanalyzer (R)	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 (TKN) 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	01/10/12	P	0.09	0.18	0.25					153	852				4.04	7.3	0.011			U	14.2	16.4	
A102	01/10/12	P	0.07	0.15	0.22					54	320				5.08	7.6	0.011			U	6.6	17.3	
A103	01/10/12	P	0.08	0.16	0.22					40	247				4.75	7.5	0.008			U	2.4	17.3	
A104	01/11/12	F			>1M	202	61	24	24	121	792	0.021	1.3	U	7.56	7.7	0.017	8.3	490	U	32.4	18.4	0.8
A105	01/11/12	F	0.11	0.21	0.32	173	49	38	38	130	758	U	1.8	U	2.72	7.0	0.013	14.6	505	U	22.2	16.4	0.8
A106	01/11/12	P	0.08	0.16	0.19					83	495				3.52	6.9	0.010			U	6.0	17.5	
A107		N			0.1																		
A108	01/10/12	P	0.09	0.18	0.25					44	207				7.23	8.0	0.004			U	0.5	19.5	
A109	01/11/12	F	0.16	0.32	0.39	62	22	32	33	87	419	U	1.6	U	4.18	6.7	0.008	6.4	284	U	5.7	17.1	0.8
A110	01/11/12	P	0.07	0.14	0.23					62	274				6.12	7.1	0.007			U	1.9	18.5	
A111	01/11/12	P	0.09	0.19	0.29					48	232				4.69	6.7	0.006			U	0.6	17.2	
A112	01/11/12	F	0.12	0.23	0.38	76	25	30	31	90	453	0.005	1.5	U	3.79	6.8	0.007	14.4	305	U	5.1	17.1	0.3
A113	01/11/12	F	0.11	0.22	0.34	30	12	30	30	43	208	U	1.6	U	4.48	6.8	0.006	5.9	171	U	0.6	17.7	0.6
A114	01/11/12	F	0.12	0.23	0.29	26	10	34	34	35	177	U	1.7	U	4.24	7.0	0.007	5.1	163	U	0.5	17.4	0.7
A115	01/12/12	F			>1	204	64	31	31	133	914	0.005	1.7	U	6.37	7.6	0.016	16.4	596	U	64.3	17.6	0.7
A117	01/12/12	F	0.15	0.3	0.41	156	46	35	35	128	742	U	1.6	U	2.22	7.1	0.009	17.7	493	U	21.3	16.6	0.4
A118	01/12/12	F	0.17	0.34	0.46	106	32	30	30	108	574	U	1.4	U	4.23	6.9	0.007	18.4	326	U	9.0	16.8	0.4
A119	01/12/12	F	0.15	0.31	0.42	40	14	28	28	40	222	0.002	1.5	U	6.19	7.4	0.006	5.3	177	U	0.8	19.3	0.6
A120	01/12/12	F	0.16	0.32	0.55	23	9	26	27	34	166	U	1.6	U	7.74	7.0	0.004	2.1	140	U	0.5	19.2	0.7
A122	01/12/12	F	0.16	0.32	0.45	154	48	30	31	99	645	U	1.4	U	1.88	7.0	0.009	15.9	425	U	20.5	17.4	0.4
A124	01/09/12	F	0.12	0.24	0.47	73	24	26	26	96	455	U	1.2	U	2.3	7.3	0.013	9.1	287	U	3.1	14.6	1.6
A126	01/09/12	F	0.15	0.32	0.43	149	48	28	28	125	695	U	1.4	U	5.54	7.1	0.008	12.9	429	U	21.1	16.5	0.7
A127	01/09/12	F	0.16	0.35	0.36	16	8	26	26	27	133	U	1.4	U	4.66	7.1	0.003	6.6	89	U	0.5	16.1	1.6
A128	01/12/12	F	0.11	0.22	0.28	20	9	34	34	31	153	U	1.7	U	4.96	6.8	0.005	2.7	152	U	U	19.4	0.7
A129	01/09/12	F			>1M	190	59	27	27	118	731	0.003	1.5	U	6.02	7.1	0.021	6.7	459	U	17.4	16.7	1.4
A130	01/09/12	F	0.15	0.3	0.38	124	40	30	30	117	593	U	1.4	U	4.03	6.8	0.009	11.3	396	U	9.6	15.2	1.8
A131	01/09/12	F	0.15	0.3	0.31	39	18	33	32	56	266	U	1.4	U	5.66	6.9	0.005	6.3	212	U	1.4	16.3	1.4
A132	01/09/12	F			>1M	190	59	27	27	127	773	0.006	1.5	U	5.61	7.2	0.019	5.7	474	U	20.4	16.6	1.1
A133	01/09/12	P	0.09	0.18	0.25					103	557				0.80	6.8	0.010			U	9.5	14.1	
A134	01/09/12	F	0.15	0.3	0.36	89	32	34	33	99	511	U	1.6	U	3.53	7.0	0.009	14.2	478	U	11.2	15.1	1.2
A135	01/10/12	F			>1M	194	59	28	28	134	813	0.004	1.7	U	5.97	7.5	0.028	5.2	491	U	23.8	17.3	0.8
A136	01/10/12	F	0.14	0.28	0.43	126	43	37	37	122	658	0.005	2.2	U	1.72	7.1	0.012	12.1	428	U	18.7	15.7	0.7
A137	01/10/12	F	0.13	0.27	0.37	86	31	35	35	105	499	U	1.9	U	3.07	7.2	0.012	13.5	342	U	9.1	15.7	0.4
A138	01/10/12	F	0.1	0.21	0.28	34	16	40	40	49	239	U	2.3	U	5.51	7.4	0.006	1.2	197	U	1.6	17.2	0.6
A139	01/10/12	P	0.07	0.14	0.23					30	146				5.14	7.5	0.004			U	0.6	16.6	
A140	01/10/12	P	0.08	0.17	0.2					76	378				5.03	7.6	0.010			U	1.9	17.0	
A141	01/12/12	F	0.27	0.54	0.64	125	38	27	26	88	559	U	1.4	U	3.62	7.1	0.010	16.5	375	U	19.1	18.3	0.5
Total			37																				
Full			26																				
Partial			10																				
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.

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-12

Site	Sample Date	Full(F), Partial(P), None(N), Reanalyzer (R)	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 (TKN) 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	02/14/12	P	0.09	0.19	0.23					176	930				4.07	7.0	0.013			U	7.9	15.8	
A102		N			0.15																		
A103		N			0.17																		
A104	02/15/12	F			>1M	190	57	36	36	174	1021	0.048	2.2	0.003	7.6	7.9	0.027	8.2	478	U	56.3	20.0	0.8
A105	02/15/12	P	0.09	0.19	0.25					147	835				3.84	7.4	0.015			U	11.5	18.0	
A106	02/15/12	P	0.05	0.11	0.18					103	578				3.61	7.6	0.009			U	6.9	18.7	
A107		N			0.1																		
A108	02/14/12	P	0.05	0.1	0.2					55	248				8.32	7.8	0.007					20.7	
A109	02/15/12	F	0.18	0.36	0.39	54	21	34	33	91	428	U	1.5	U	3.02	7.1	0.009	4.2	248	U	4.8	17.3	0.5
A110	02/15/12	P	0.09	0.18	0.27					65	277				5.39	7.6	0.007			U	1.3	19.2	
A111	02/15/12	P	0.08	0.17	0.31					50	255				3.94	7.4	0.007			U	0.7	17.8	
A112	02/15/12	P	0.07	0.15	0.35					86	420				4.23	7.6	0.007			U	3.4	16.8	
A113	02/15/12	P	0.09	0.18	0.34					43	210				4.76	7.3	0.006			U	0.6	17.8	
A114	02/15/12	P	0.08	0.16	0.35					39	183				4.37	7.4	0.005			U	0.5	18.3	
A115	02/16/12	F			>1M	162	53	30	29	124	810	0.009	1.6	U	7.48	7.7	0.019	15.3	519	U	54.1	19.6	0.5
A117	02/16/12	F	0.13	0.27	0.33	148	44	37	36	130	731	0.002	1.7	U	4.07	7.2	0.014	16.6	486	U	14.3	18.4	0.5
A118	02/16/12	F	0.14	0.28	0.38	99	31	30	30	104	552	U	1.5	0.002	5.01	7.2	0.008	15.7	371	U	6.6	18.7	0.4
A119	02/16/12	F	0.14	0.28	0.32	37	14	29	29	41	222	U	1.5	U	5.73	7.1	0.008	2.6	168	U	0.8	21.6	0.8
A120	02/16/12	F	0.13	0.27	0.48	20	8	26	26	33	163	U	1.6	U	7.26	7.0	0.006	1.0	143	U	0.5	21.7	0.5
A122	02/16/12	F	0.13	0.27	0.32	135	43	29	30	95	596	U	1.4	U	2.39	7.1	0.009	14.1	399	U	14.0	18.9	0.7
A124	02/13/12	F	0.13	0.27	0.4	54	19	24	24	76	363	0.002	1.1	U	1.36	7.4	0.008	3.6	254	U	2.5	15.1	0.8
A126	02/13/12	F	0.18	0.37	0.42	81	27	24	24	86	433	U	1.3	U	5.45	7.9	0.006	6.3	297	U	6.1	15.7	0.5
A127	02/13/12	F	0.13	0.27	0.35	22	8	28	28	29	142	U	1.4	U	5.1	7.9	0.006	5.0	144	U	0.6	15.0	0.4
A128	02/16/12	P	0.07	0.14	0.2					32	156				4.51	6.7	0.007			U	U	21.6	
A129	02/13/12	F			>1M	129	44	30	29	111	625	0.016	1.5	0.008	5.52	7.4	0.025	8.0	434	U	8.6	18.3	0.9
A130	02/13/12	F	0.13	0.27	0.3	98	33	30	30	101	504	U	1.4	U	3.29	7.2	0.008	7.6	372	U	3.8	14.5	0.4
A131	02/13/12	F	0.11	0.22	0.35	36	15	32	32	47	231	U	1.8	0.003	6.51	8.0	0.006	4.7	199	U	1.2	14.0	0.5
A132	02/13/12	F			>1M	136	45	31	31	115	650	0.024	1.5	0.011	5.44	7.3	0.028	7.5	377	U	8.4	18.6	0.9
A133	02/13/12	P	0.07	0.14	0.25					95	494				2.84	7.0	0.012			U	4.8	19.9	
A134	02/13/12	F	0.12	0.24	0.32	75	27	34	35	85	410	U	1.7	U	2.90	6.9	0.008	8.3	323	U	3.7	15.5	0.4
A135	02/14/12	F			>1M	139	46	31	31	116	653	0.023	1.6	0.012	4.87	7.3	0.027	7.2	407	U	8.5	18.2	0.8
A136	02/14/12	F	0.14	0.28	0.38	109	37	39	40	117	608	U	2.0	0.002	1.50	7.0	0.012	8.5	414	U	7.0	15.1	0.5
A137	02/14/12	F	0.1	0.21	0.3	64	26	37	37	84	400	U	2.0	U	2.07	7.5	0.010	4.5	279	U	4.6	15.1	0.5
A138	02/14/12	P	0.06	0.12	0.25					45	216				6.26	8.1	0.006			U	1.2	15.4	
A139		N			0.17																		
A140	02/14/12	P	0.06	0.12	0.24					76	348				5.29	7.2	0.007			U	2.2	16.2	
A141	02/16/12	F	0.2	0.39	0.63	98	31	25	26	76	463	U	1.5	U	3.58	7.3	0.015	14.6	316	U	10.0	19.0	0.5
Total			37																				
Full			20																				
Partial			13																				
None			4																				

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

Mar-12

Site	Sample Date	Full(F), Partial(P), None(N), Reanalyzer (R)	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 (TKN) 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	03/13/12	P	0.06	0.13	0.14					189	995				4.25	7.4	0.013			U	5.7	21.4		
A102		N			0.14																			
A103		N			0.15																			
A104	03/14/12	F			>1M	189	55	36	36	170	1033	0.116	2.3	0.005	5.53	7.8	0.028	8.7	614	U	63.2	23.7	0.8	
A105	03/14/12	P	0.09	0.18	0.24					146	807				2.56	7.1	0.024			U	7.2	22.0		
A106		N			0.12																			
A107		N			0																			
A108		N			0.17																			
A109	03/14/12	F	0.11	0.22	0.24	47	20	32	32	85	391	U	1.6	0.003	2.55	6.6	0.009	1.9	272	U	3.2	22.4	0.5	
A110	03/14/12	P	0.08	0.17	0.18					61	274				4.04	6.5	0.006			U	1.0	22.4		
A111	03/14/12	P	0.05	0.1	0.15					46	236				3.26	6.5	0.009			U	0.7	20.3		
A112	03/14/12	F	0.1	0.21	0.28	53	19	25	25	65	332	0.003	1.3	U	1.14	6.7	0.005	3.4	224	U	2.3	21.2	0.4	
A113	03/14/12	P	0.06	0.13	0.23					41	204				2.75	6.6	0.009			U	0.6	20.9		
A114	03/14/12	P	0.07	0.15	0.23					37	184				2.54	6.6	0.009			U	0.5	20.9		
A115	03/15/12	F			>1M	155	51	28	28	116	757	0.018	1.5	0.003	5.85	7.7	0.017	11.9	486	U	41.1	23.3	0.8	
A117	03/15/12	F	0.12	0.24	0.25	134	41	34	33	117	663	U	1.7	0.003	1.02	7.0	0.018	14.9	443	U	10.1	20.7	0.6	
A118	03/15/12	F	0.13	0.25	0.36	88	29	28	28	94	496	U	1.3	0.002	3.29	7.0	0.008	10.7	318	U	4.6	20.8	0.5	
A119	03/15/12	F	0.11	0.23	0.28	37	14	25	26	35	190	0.003	1.5	U	2.65	6.8	0.010	0.8	151	U	0.8	22.0	0.8	
A120	03/15/12	F	0.14	0.28	0.36	20	8	22	22	29	141	0.004	1.5	U	4.07	6.4	0.008	1.5	114	U	0.5	22.1	0.6	
A122	03/15/12	F	0.12	0.25	0.31	105	34	26	25	78	482	U	1.3	U	0.88	6.9	0.012	10.0	315	U	8.8	21.1	0.6	
A124	03/12/12	P	0.08	0.16	0.27					70	330				2.89	7.1	0.008			U	1.8	21.3		
A126	03/12/12	F	0.14	0.29	0.37	73	25	25	25	62	364	U	1.3	U	3.11	7.4	0.006	2.4	252	U	2.9	21.4	0.9	
A127	03/12/12	P	0.09	0.19	0.27					33	159				2.8	6.9	0.006			U	0.6	21.5		
A128	03/15/12	P	0.06	0.12	0.18					32	153				3.02	6.2	0.008			U	0.5	21.9		
A129	03/12/12	F			>1M	197	66	34	33	198	1080	0.123	1.9	0.015	5.04	7.7	0.032	5.7	654	U	36.4	23.1	1.2	
A130	03/12/12	F	0.11	0.22	0.27	74	29	29	28	91	435	0.003	1.3	U	1.41	7.2	0.006	5.0	304	U	5.4	21.1	0.4	
A131	03/12/12	F	0.1	0.2	0.26	36	15	29	29	42	226	0.006	1.7	U	3.51	7.2	0.003	3.4	187	U	1.2	21.7	1.2	
A132	03/12/12	F			>1M	254	81	38	38	260	1393	0.192	2.2	0.013	5.50	7.8	0.032	7.2	832	U	53.6	23.2	1.3	
A133		N			0.23																			
A134	03/12/12	P	0.09	0.18	0.26					72	389				3.56	7.5	0.009			U	3.4	22.6		
A135	03/13/12	F			>1M	204	68	32	32	249	1261	0.088	2.1	0.004	5.68	7.8	0.023	6.4	746	U	34.8	23.4	0.9	
A136	03/13/12	F	0.11	0.22	0.36	105	39	39	40	115	598	U	2.1	U	1.20	7.0	0.015	3.8	415	U	4.2	21.2	0.7	
A137	03/13/12	P	0.08	0.16	0.21					83	447				3.15	6.9	0.015			U	2.5	20.2		
A138	03/13/12	P	0.05	0.11	0.24					50	251				4.14	6.9	0.007			U	1.0	20.8		
A139		N			0.21																			
A140		N			0.16																			
A141	03/15/12	F	0.1	0.2	0.4	84	26	23	23	63	386	U	1.3	U	1.10	6.8	0.012	10.8	255	U	6.2	21.1	1.0	
Total			37																					
Full			17																					
Partial			12																					
None			8																					

(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.

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**

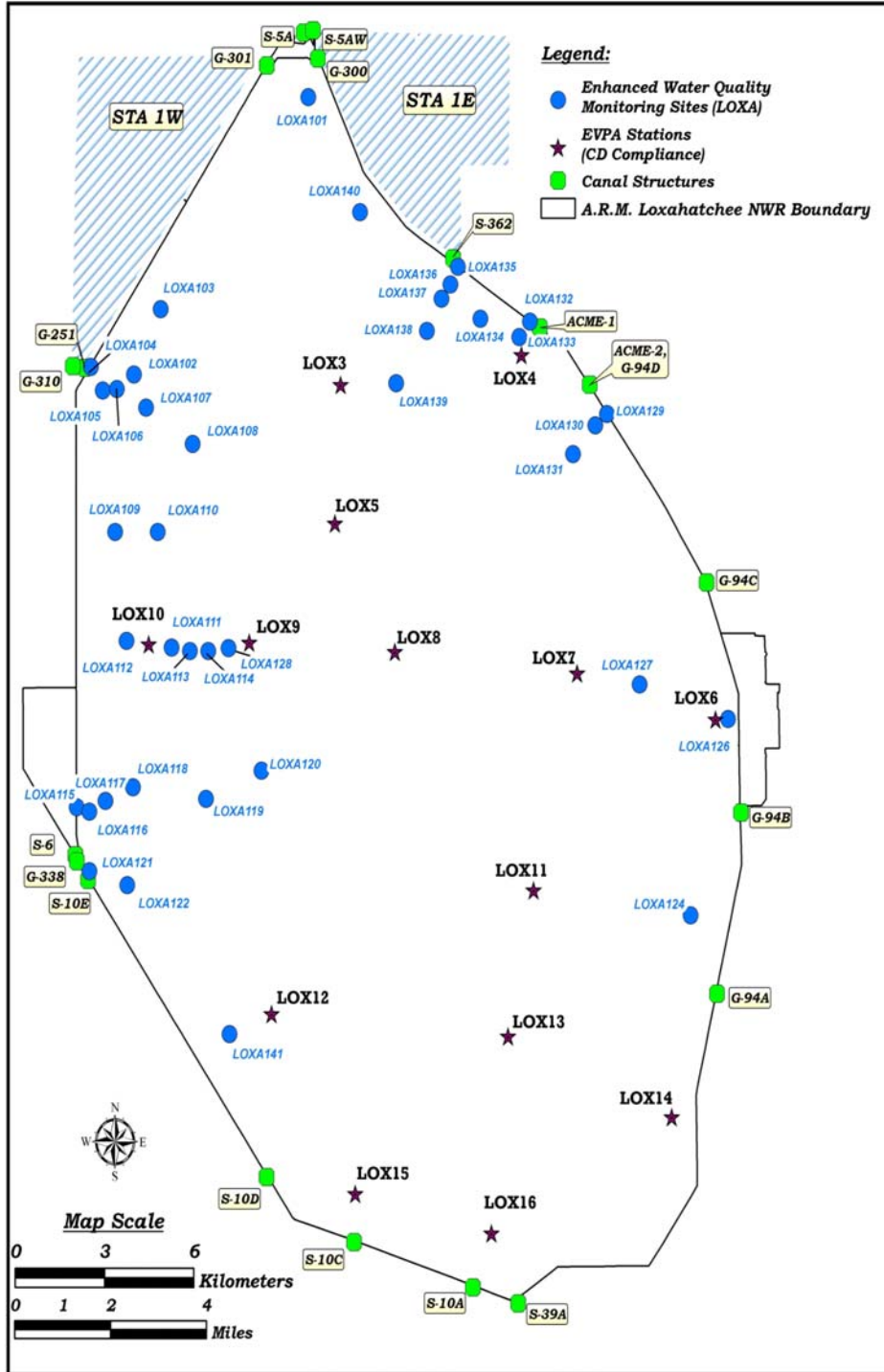
Parameter Information:

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