

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	
A.R.M. Loxahatchee National Wildlife Refuge																									
Enhanced Water Quality Monitoring Network																									
Apr-07																									
4	Site	Sample Month	Sample - Full (F), Partial (P) and None (N)	Field Depth (2)	Total Depth (2)	DCS	Alkalinity	Calcium Dissolved	Carbon, Dissolved Organic	Carbon, Total Organic	Chloride	Conductivity (Field)	Nitrate + Nitrite as Nitrogen	Nitrogen, Total Kjeldahl (TKN)	Ortho-phosphate as Phosphorus	Oxygen, Dissolved (Field)	pH (Field)	Phosphorus, Total	Silica	Solids, Total Dissolved (TDS)	Solids, Total Suspended (TSS)	Sulfate	Temperature (Field)	Turbidity	Comments
5			Units:	meter	meter	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µM/mole/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	deg C	NTU	
6	LOXA101	Apr-07	N	1	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	LOXA102	Apr-07	N	1	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	LOXA103	Apr-07	N	1	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	LOXA104	Apr-07	F	0	>1	120	34	19	19	45	370	0.06	1.3	0.0087	5.53	7.8	0.05	4.5	200	12	8.5	23.4	15	-	
10	LOXA105	Apr-07	N	1	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	LOXA106	Apr-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	LOXA107	Apr-07	N	1	0.04	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	LOXA108	Apr-07	N	1	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	LOXA109	Apr-07	N	1	0.06	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	LOXA110	Apr-07	N	1	0.04	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	LOXA111	Apr-07	N	1	0.03	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	LOXA112	Apr-07	N	1	0.05	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	LOXA113	Apr-07	N	1	0.08	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	LOXA114	Apr-07	N	1	0.02	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	LOXA115	Apr-07	F	0	>1	120	31	19	19	40	348	0.034	1.2	0.0066	6.47	7.92	0.032	3.3	230	5.3	6.4	25.04	5.7	-	
21	LOXA116	Apr-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	LOXA117	Apr-07	N	1	0.05	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	LOXA118	Apr-07	N	1	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	LOXA119	Apr-07	N	1	0.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	LOXA120	Apr-07	P	0	0.2	-	-	-	-	51	255	-	-	-	6.89	7.94	0.016	-	-	7.5	U	26.03	-	-	
26	LOXA121	Apr-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	LOXA122	Apr-07	N	1	0.01	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	LOXA123	Apr-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	LOXA124	Apr-07	N	1	0.03	0.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	LOXA125	Apr-07	N	1	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	LOXA127	Apr-07	N	1	0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	LOXA128	Apr-07	N	1	0.04	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	LOXA129	Apr-07	F	0	>1	190	64	19	19	57	553	0.039	1.7	0.0043	6.11	7.74	0.082	6	340	11	14	23.7	8.5	-	
34	LOXA130	Apr-07	N	1	0.05	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	LOXA131	Apr-07	N	1	0.03	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	LOXA132	Apr-07	F	0	>1	140	51	20	20	52	459	0.06	1.5	0.0065	5.11	7.66	0.07	3.6	300	6.5	5.5	23.41	11	-	
37	LOXA133	Apr-07	N	1	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	LOXA134	Apr-07	N	1	0.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	LOXA135	Apr-07	F	0	>1	150	42	20	21	52	433	0.057	1.6	0.0132	4.67	7.64	0.075	4.9	208	9	5.2	22.61	16	-	
40	LOXA136	Apr-07	N	1	0.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	LOXA137	Apr-07	N	1	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	LOXA138	Apr-07	N	1	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	LOXA139	Apr-07	N	1	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	LOXA140	Apr-07	N	1	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	LOXA141	Apr-07	N	1	0.09	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46																									
47	Number of Full Samples:			5																					
48	Number of Partial Samples:			1																					
49	Number of No Samples:			34																					
50	Total Sites:			40																					
51																									
52	(1) Field depth is one half of the depth (depth of the clear water column) and is only recorded if a sample is taken.																								
53	(2) Total depth is depth of the clear water column.																								
54	U indicates that the compound was analyzed for but not detected; see "LOXA_Parameter_Info" tab for table of MDLs.																								
55	*** indicates sample improperly processed for analysis.																								
56																									
57																									
58	Additional information on the Enhanced Water Quality Monitoring Network can be found at:																								
59	<a href="http://edis.usgs.gov/ox_monitor_model/wq_network.html">http://edis.usgs.gov/ox_monitor_model/wq_network.html</a>																								
60	Data from June 2004 to May 2006 available on DBHYDR0.																								
61	<a href="http://www.federal.gov/oxmondatacenter/">http://www.federal.gov/oxmondatacenter/</a>																								
62	Field notes are maintained by the Everglades Program Team at the A.R.M. Loxahatchee National Wildlife Refuge.																								
63																									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	A.R.M. Loxahatchee National Wildlife Refuge																								
2	Enhanced Water Quality Monitoring Network																								
3																									
4	Site	Sample Month	Sample - Full (F), Partial (P), and None (N) UNITS:	Field Depth (2) meter	Total Depth (3) meter	DCS meter	Alkalinity mg/L	Calcium Dissolved mg/L	Carbon, Dissolved Organic mg/L	Carbon, Total Organic mg/L	Chloride mg/L	Conductivity (Field) µMHOS/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	Comments
6	LOXA101	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	LOXA102	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	LOXA103	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	LOXA104	May-07	F	0	-	>1	130	38	20	21	49	415	*	1.6	0.006	5.14	7.85	0.054	3	270	11	13	25.38	19	
10	LOXA105	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	LOXA106	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	LOXA107	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	LOXA108	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	LOXA109	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	LOXA110	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	LOXA111	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	LOXA112	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	LOXA113	May-07	N	1	0	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	LOXA114	May-07	N	1	-	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	LOXA115	May-07	F	0	-	>1	120	37	20	21	44	386	0.03	1.6	U	5.51	7.87	0.029	2.4	250	6.5	8.4	25.9	10	
21	LOXA116	May-07	N	1	-	0.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	LOXA117	May-07	N	1	-	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	LOXA118	May-07	N	1	-	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	LOXA119	May-07	N	1	-	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	LOXA120	May-07	N	1	0.09	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	LOXA121	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	LOXA122	May-07	N	1	-	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	LOXA123	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	LOXA124	May-07	N	1	-	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	LOXA126	May-07	N	1	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	LOXA127	May-07	N	1	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	LOXA128	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	LOXA129	May-07	F	0	-	>1	210	76	20	21	62	620	U	1.6	U	5.94	7.87	0.052	1.6	390	16	17	25.21	11	
34	LOXA130	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	LOXA131	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	LOXA132	May-07	P	0	0.18	>1	-	-	-	-	58	536	-	-	-	5.79	7.89	0.065	-	-	27	16	27.91	-	
37	LOXA133	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	LOXA134	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	LOXA135	May-07	F	0	-	>1	170	54	20	21	59	527	0.1	1.5	-	5.47	7.79	0.072	2.8	330	8.5	16	25.41	Q	
40	LOXA136	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	LOXA137	May-07	N	1	-	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	LOXA138	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	LOXA139	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	LOXA140	May-07	N	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	LOXA141	May-07	N	1	-	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46																									
47	Number of Full Samples:			4																					
48	Number of Partial Samples:			1																					
49	Number of No Samples:			35																					
50	Total Sites:			40																					
51																									
52	(1) Field depth is one half of the tdepth (depth of the clear water column) and is only recorded if a sample is taken.																								
53	(2) Total depth is depth of the clear water column.																								
54	U indicates that the compound was analyzed for but not detected; see "LOXA_Parameter_Info" tab for table of MDLs.																								
55	*** indicates sample improperly processed for analysis																								
56	Q indicates sample held beyond accepted holding time																								
57																									
58																									
59	Additional information on the Enhanced Water Quality Monitoring Network can be found at:																								
60	<a href="http://sofia.usgs.gov/lox_monitor_model/wq_network.html">http://sofia.usgs.gov/lox_monitor_model/wq_network.html</a>																								
61	Data from June 2004 to May 2006 available on DBHYDRO:																								
62	<a href="http://www.sfwmd.gov/org/ema/dbhydro/">http://www.sfwmd.gov/org/ema/dbhydro/</a>																								
63	Field notes are maintained by the Everglades Program Team at the A.R.M. Loxahatchee National Wildlife Refuge.																								
64																									

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

Jun-07

Site	Sample Month	Sample - Full (F), Partial (P), and None (N)	Field Depth (2) meter	Total Depth (3) meter	DCS meter	Alkalinity mg/L	Calcium Dissolved mg/L	Carbon, Dissolved Organic mg/L	Carbon, Total Organic mg/L	Chloride mg/L	Conductivity (Field) mMOS/cm	Nitrate + Nitrite as Nitrogen ppm	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	Comments
LOXA101	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA102	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA103	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA104	Jun-07	F	0.19	0.38	>1	140	42	21	20	53	486.7	0.1	1.4	U	5.76	8.05	0.029	3.9	310	14	18	30.08	14	
LOXA105	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA106	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA107	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA108	Jun-07	N	-	0.04	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA109	Jun-07	N	-	0.07	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA110	Jun-07	N	-	0.02	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA111	Jun-07	N	-	0.08	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA112	Jun-07	N	-	0.04	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA113	Jun-07	F	0.05	0.11	0.2	-	-	-	-	37	200.3	-	-	-	8.5	7.7	0.0094	-	-	2.7	0.46	37.83	-	-
LOXA114	Jun-07	N	-	0.07	0.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA115	Jun-07	F	0.2	0.4	>1	120	34	22	21	47	403.6	0.021	1.8	0.01	5.87	8.04	0.014	2.7	270	U	14	28.79	4.2	
LOXA116	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA117	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA118	Jun-07	N	0.03	0.06	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA119	Jun-07	N	0.015	0.03	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA120	Jun-07	P	0.08	0.16	0.21	-	-	-	-	35	204.5	-	-	-	4.03	7.7	0.011	-	-	2	U	27.29	-	-
LOXA121	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA122	Jun-07	N	0.02	0.04	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA123	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA124	Jun-07	P	0.05	0.1	0.25	-	-	-	-	19	118.2	-	-	-	4.33	7.08	0.024	-	-	2.5	0.92	25.71	-	-
LOXA126	Jun-07	N	0.03	0.07	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA127	Jun-07	N	0.03	0.07	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA128	Jun-07	N	-	0.08	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA129	Jun-07	F	0.15	0.31	>1	120	62	23	23	43	525.6	0.025	1.5	0.18	1.52	7.31	0.27	6.6	390	7.5	58	28.51	5.3	
LOXA130	Jun-07	N	0.04	0.08	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA131	Jun-07	N	0.03	0.07	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA132	Jun-07	F	0.15	0.3	>1	130	63	24	24	45	527.8	0.035	2.3	0.15	5.05	7.36	0.2	6.4	370	16	61	29.63	7.1	
LOXA133	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA134	Jun-07	F	0.1	0.21	0.25	43	31	36	37	53	430.6	0.011	2.9	U	0.79	6.46	0.044	7.4	340	3	51	25.95	1.7	
LOXA135	Jun-07	F	0.14	0.28	>1	130	63	23	23	43	532.7	0.031	3.2	0.068	8.53	7.94	0.13	5.8	360	25	60	29.71	12	
LOXA136	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA137	Jun-07	P	0.06	0.12	0.16	-	-	-	-	45	325.9	-	-	-	1.79	6.67	0.02	-	-	3.3	16	26.46	-	-
LOXA138	Jun-07	P	0.07	0.13	0.14	-	-	-	-	36	235.3	-	-	-	2.75	6.74	0.02	-	-	U	4.9	26.56	-	-
LOXA139	Jun-07	P	0.05	0.11	0.14	-	-	-	-	24	149.3	-	-	-	2.9	6.67	0.011	-	-	2.7	1.5	25.63	-	-
LOXA140	Jun-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA141	Jun-07	N	0.1	0.02	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Page 1

Number of Full Samples: 6  
Number of Partial Samples: 6  
Number of No Samples: 28  
Total Sites: 40

- (1) Field depth is one half of the tdepth (depth of the clear water column) and is only recorded if a sample is taken.
- (2) Total depth is depth of the clear water column.
- U indicates that the compound was analyzed for but not detected; see "LOXA\_Parameter\_Info" tab for table of MDLs.
- \*\*\* indicates sample improperly processed for analysis
- Q indicates sample held beyond accepted holding time

Additional information on the Enhanced Water Quality Monitoring Network can be found at:  
[http://efsa.usgs.gov/lox\\_monitor\\_model/wq\\_network.html](http://efsa.usgs.gov/lox_monitor_model/wq_network.html)  
 Data from June 2004 to May 2006 available on DBHYDRQ:  
<http://www.flwrmd.gov/org/ema/obhydrq/>  
 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

Jul-07

Site	Sample Month	Sample - Full (F), Partial (P), and None (N)	Field Depth (2)	Total Depth (3)	DCS	Alkalinity	Calcium Dissolved	Carbon, Dissolved Organic	Carbon, Total Organic	Chloride	Conductivity (Field)	Nitrate + Nitrite as Nitrogen	Nitrogen, Total Kjeldahl (TKN)	Ortho-phosphate as Phosphorus	Oxygen, Dissolved (Field)	pH (Field)	Phosphorus, Total	Silica	Solids, Total Dissolved (TDS)	Solids, Total Suspended (TSS)	Sulfate	Temperature (Field)	Turbidity	Comments
LOXA101	Jul-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA102	Jul-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA103	Jul-07	N	-	0.02	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA104	Jul-07	F	-	-	>1	120	45	26	26	120	683.5	U	2.1	0.006	6.13	8.01	0.041	5.5	440	4.5	24	31.48	2	-
LOXA105	Jul-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA106	Jul-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA107	Jul-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA108	Jul-07	N	-	0.06	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA109	Jul-07	P	0.06	0.13	0.25	-	-	-	-	30	260.5	-	-	-	1.78	7.14	0.016	-	-	2.5	3.7	27.86	-	-
LOXA110	Jul-07	N	0.02	0.04	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA111	Jul-07	N	0.03	0.07	0.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA112	Jul-07	P	0.07	0.15	0.22	-	-	-	-	71	561.7	-	-	-	2.5	7.47	0.014	-	-	3	3.8	28.37	-	-
LOXA113	Jul-07	P	0.05	0.11	0.25	-	-	-	-	30	195.8	-	-	-	5.44	6.95	0.0061	-	-	2.5	0.6	28.82	-	-
LOXA114	Jul-07	P	0.05	0.11	0.23	-	-	-	-	24	143.8	-	-	-	3.21	6.45	0.0042	-	-	5.5	U	28.32	-	-
LOXA115	Jul-07	F	-	-	>1	130	53	22	22	62	550.5	U	1.7	0.011	3.86	7.65	0.054	5.2	350	4	35	29.99	1.9	-
LOXA116	Jul-07	N	-	0.09	0.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA117	Jul-07	N	-	0.07	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA118	Jul-07	N	-	0.05	0.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA119	Jul-07	N	-	0.08	0.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA120	Jul-07	F	0.16	0.32	0.4	22	9.3	21	20	25	142.8	0.0089	1.9	0.0051	2.65	6.57	0.0085	4.7	120	2	0.35	28.78	0.79	-
LOXA121	Jul-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA122	Jul-07	P	0.06	0.13	0.28	-	-	-	-	35	314	-	-	-	1.25	6.98	0.013	-	-	2	6.4	26.95	-	-
LOXA123	Jul-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA124	Jul-07	P	0.05	0.11	0.27	-	-	-	-	23	135.1	-	-	-	1.89	6.36	0.012	-	-	4	0.38	26.19	-	-
LOXA126	Jul-07	P	0.06	0.13	0.2	-	-	-	-	32	273.8	-	-	-	3.17	6.66	0.014	-	-	U	6.4	29.02	-	-
LOXA127	Jul-07	N	-	0.08	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA128	Jul-07	N	0.05	0.09	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA129	Jul-07	F	-	-	>1	110	44	24	24	69	497.6	0.044	2.3	0.063	1.23	7.09	0.11	6.5	310	3	24	29.54	2.6	-
LOXA130	Jul-07	P	0.08	0.17	0.17	-	-	-	-	43	302.4	-	-	-	1.52	6.61	0.011	-	-	2	4.1	28.3	-	-
LOXA131	Jul-07	P	0.06	0.13	0.21	-	-	-	-	35	231.4	-	-	-	4.03	6.67	0.008	-	-	U	1.5	28.45	-	-
LOXA132	Jul-07	F	-	-	>1	96	40	24	24	68	466.7	-	2.1	0.036	1.15	7.17	0.078	5.7	310	6	22	29.62	2.4	-
LOXA133	Jul-07	N	-	0.03	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA134	Jul-07	P	0.05	0.11	0.14	-	-	-	-	30	227.4	-	-	-	0.72	6.58	0.0069	-	-	U	2.9	27.8	-	-
LOXA135	Jul-07	F	-	-	>1	100	43	26	26	73	517.7	0.026	1.4	U	3.6	7.5	0.018	5.1	320	4.5	24	29.85	1.7	-
LOXA136	Jul-07	P	0.07	0.14	0.28	-	-	-	-	31	244.8	-	-	-	0.48	6.65	0.019	-	-	U	2.1	27.21	-	-
LOXA137	Jul-07	P	0.08	0.17	0.21	-	-	-	-	23	177.6	-	-	-	1.19	6.53	0.0097	-	-	U	2.7	28.12	-	-
LOXA138	Jul-07	P	0.07	0.15	0.3	-	-	-	-	20	141.6	-	-	-	2.5	7.56	0.016	-	-	U	1.3	28.06	-	-
LOXA139	Jul-07	N	-	0.09	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA140	Jul-07	N	-	0.05	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA141	Jul-07	F	0.11	0.23	0.5	44	14	18	18	23	170.6	0.011	1.6	U	2.04	6.76	0.029	6.9	130	3.3	2.6	28	0.78	-

Number of Full Samples: 7  
Number of Partial Samples: 13  
Number of No Samples: 20  
Total Sites: 40

(1) Field depth is one half of the depth (depth of the clear water column) and is only recorded if a sample is taken.  
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\*\*\* indicates sample improperly processed for analysis  
Q indicates sample held beyond accepted holding time

Additional information on the Enhanced Water Quality Monitoring Network can be found at:  
[http://wqa.saras.gov/monitoring\\_network.html](http://wqa.saras.gov/monitoring_network.html)  
Data from June 2004 to May 2006 available on DBHYDRO:  
<http://www.flwmd.gov/orq/ma3-hydro/>  
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-07

Site	Sample Month	Sample - Full (F), Partial (P), and None (N)	Field Depth (2) meter	Total Depth (3) meter	DCS meter	Alkalinity mg/L	Calcium Dissolved mg/L	Carbon, Dissolved Organic mg/L	Carbon, Total Organic mg/L	Chloride mg/L	Conductivity (Field) mMHO/cm	Nitrate + Nitrite as Nitrogen ppm	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	Comments	
																									UNITS:
LOXA101	Aug-07	P	0.09	0.18	0.21	-	-	-	-	100	763.4	-	-	-	0.76	7.2	0.02	-	-	4	27	29.08	-	-	
LOXA102	Aug-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA103	Aug-07	N	-	0.08	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOXA104	Aug-07	F	0.5	>1	>1	190	59	31	31	110	292.3	0.022	2	0.0049	2.01	7.66	0.026	18	510	3.5	45	30.4	2.4	-	
LOXA105	Aug-07	P	0.09	0.19	0.29	-	-	-	-	32	229.6	-	-	-	1.85	6.99	0.024	-	-	4.5	2.8	28.34	-	-	
LOXA106	Aug-07	F	0.08	0.17	0.22	-	-	-	-	22	226.6	-	-	-	2.02	7.02	0.055	-	-	2.5	1.6	29.09	-	-	
LOXA107	Aug-07	N	0.04	0.08	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOXA108	Aug-07	N	-	0.09	0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOXA109	Aug-07	F	0.14	0.29	0.35	47	14	22	22	20	173.2	U	-	U	1.24	7.55	0.063	11	140	2.5	1.1	28.27	1.1	-	
LOXA110	Aug-07	P	0.06	0.13	0.25	-	-	-	-	16	105.1	-	-	-	2.77	7.66	U	-	3	0.48	26.93	-	-	-	
LOXA111	Aug-07	P	0.07	0.15	0.28	-	-	-	-	18	150.1	-	-	-	1.24	7.64	U	-	U	0.49	27.27	-	-	-	
LOXA112	Aug-07	F	0.12	0.25	0.38	51	14	20	19	16	151	U	1.2	U	1.84	7.42	U	11	130	2	1.4	28.26	1.5	-	
LOXA113	Aug-07	F	0.09	0.18	0.34	-	-	-	-	17	123.3	-	-	-	1.45	7.35	U	-	3.5	0.29	27.19	-	-	-	
LOXA114	Aug-07	P	0.07	0.15	0.21	-	-	-	-	17	113	-	-	-	1.85	7.41	U	-	2.5	U	26.88	-	-	-	
LOXA115	Aug-07	F	-	>1	>1	150	46	27	28	96	651.6	U	2.1	0.015	1.4	7.32	0.057	2.9	430	4.5	27	29.88	2.4	-	
LOXA116	Aug-07	F	0.16	0.32	0.88	90	29	28	28	37	327.2	U	2	0.054	0.36	6.71	0.099	6.7	260	21	11	26.58	7.4	-	
LOXA117	Aug-07	F	0.16	0.24	0.38	61	17	22	23	21	193.2	0.0063	1.1	U	0.88	6.49	0.009	4.7	150	3.5	3.6	26.9	0.82	-	
LOXA118	Aug-07	F	0.2	0.4	0.45	40	10	17	17	15	131.3	0.0055	1.3	U	1.92	6.43	0.0067	5.2	110	3	2.6	28.66	0.9	-	
LOXA119	Aug-07	F	0.15	0.3	0.43	22	7.3	17	18	14	102	0.0048	0.99	U	3.91	6.43	U	5.3	93	2.5	1	28.33	1.5	-	
LOXA120	Aug-07	F	0.16	0.32	0.5	28	6.6	20	19	20	115.5	U	2.3	0.003	4.03	6.47	U	5.4	110	4.5	U	29.43	1.1	-	
LOXA121	Aug-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOXA122	Aug-07	F	0.12	0.25	0.54	60	19	25	26	20	200.4	U	1.8	U	0.68	6.54	0.012	4.7	160	2	4.7	27.77	1.2	-	
LOXA123	Aug-07	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOXA124	Aug-07	F	0.11	0.23	0.46	88	15	23	26	25	175.5	0.0055	1.7	0.019	1.6	7.38	0.019	5.5	150	2.7	U	28.22	0.62	-	
LOXA126	Aug-07	F	0.18	0.36	0.38	110	34	24	25	75	464.4	0.026	1.9	0.03	1.7	7.14	0.013	11	320	2.5	12	29.16	1.1	-	
LOXA127	Aug-07	F	0.11	0.23	0.36	27	8.8	23	25	19	114.1	0.015	2.1	0.023	2.18	6.44	0.013	5.9	120	4.5	U	30.43	1.5	-	
LOXA128	Aug-07	P	0.07	0.14	0.25	-	-	-	-	25	143.1	-	-	-	2.52	6.21	0.0057	-	U	U	28.35	-	-	-	
LOXA129	Aug-07	F	-	>1	>1	120	45	22	24	98	614.4	0.015	2	0.025	1.44	7.17	0.055	6.7	390	4	18	30.52	2.3	-	
LOXA130	Aug-07	F	0.12	0.24	0.32	65	22	25	28	25	220.5	0.0058	1.6	0.025	0.88	6.57	0.011	8.1	180	2	1.7	28.65	0.81	-	
LOXA131	Aug-07	F	0.12	0.25	0.28	50	14	24	25	20	162.3	0.01	1.8	0.026	3.16	7.35	0.0087	8.6	150	3.5	0.87	29.75	1.1	-	
LOXA132	Aug-07	F	-	>1	>1	120	44	23	38	93	596.8	0.013	2.1	0.028	1.58	7.19	0.059	6.9	380	4	18	30.55	2.4	-	
LOXA133	Aug-07	P	0.07	0.15	0.3	-	-	-	-	22	398.2	-	-	-	1.98	7.24	0.029	-	-	3	1.5	28.16	-	-	
LOXA134	Aug-07	F	0.15	0.29	0.4	51	18	23	24	20	175.5	U	1.5	0.022	1.91	6.88	0.018	8.9	160	3	1.9	29.17	0.94	-	
LOXA135	Aug-07	F	-	>1	>1	130	45	22	23	84	565.7	0.0078	1.3	U	7.08	0.34	0.043	6.4	360	6.5	18	30.21	2.3	-	
LOXA136	Aug-07	F	0.11	0.22	0.36	70	23	28	29	22	212.1	0.0076	1.2	U	0.61	6.61	0.013	8.1	180	2	1.1	28.78	0.72	-	
LOXA137	Aug-07	F	0.13	0.27	0.38	51	16	26	25	20	170.7	0.0049	1.6	U	1.05	6.45	U	8.6	-	3.5	1.5	29.85	-	-	
LOXA138	Aug-07	P	0.09	0.18	0.19	-	-	-	-	20	141.7	-	-	-	1.62	6.44	U	-	2	0.45	29.21	-	-	-	
LOXA139	Aug-07	P	0.08	0.16	0.16	-	-	-	-	14	93.4	-	-	-	1.75	6.34	U	-	-	4.5	0.16	28.56	-	-	-
LOXA140	Aug-07	F	0.1	0.2	0.2	40	16	42	45	27	193.9	0.0094	2	U	2.76	6.45	U	3.1	190	3	0.95	28.86	2.2	-	
LOXA141	Aug-07	F	0.16	0.32	0.63	80	24	22	21	24	251.1	U	2	U	0.44	6.69	0.0072	9.2	180	3.3	5.4	28.5	0.99	-	

Number of Full Samples: 23  
Number of Partial Samples: 11  
Number of No Samples: 6  
Total Sites: 40

(1) Field depth is one half of the tdepth (depth of the clear water column) and is only recorded if a sample is taken.  
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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-07

Site	Sample Month	Re-Analysis Date (1)	Sample - Full (F), Partial (P), None (N), Reanalyzed (R)	Field Depth (2)	Total Depth (3)	DCS	Alkalinity	Calcium Dissolved	Carbon, Dissolved Organic	Carbon, Total Organic	Chloride	Conductivity (field)	Nitrate + Nitrite as Nitrogen	Nitrogen, Total Kjeldahl (TKN)	Ortho-phosphate as Phosphorus	Oxygen, Dissolved (Field)	pH (Field)	Phosphorus, Total	Silica	Solids, Total Dissolved (TDS)	Solids, Total Suspended (TSS)	Sulfate	Temperature (Field)	Turbidity	Comments	
			UNITS:	meter	meter	meter	mg/L	mg/L	mg/L	mg/L	mg/L	mMHO/cm	µM	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	DEG C	NTU		
LOXA101	Sep-07		P	0.11	0.21						77	592.5				1.45	7.17	0.016		U		5		27.24		
LOXA102	Sep-07		N	0.05	0.1	0.12																				
LOXA103	Sep-07		P	0.07	0.14	0.16															U		1.4		25.95	
LOXA104	Sep-07		F	0.1	0.21	>1	140	52	22	25	21	160.5		0.0058	1.6	0.061	2.05	6.53	0.0091	10	370	6	2.3	29.38	2.2	
LOXA105	Sep-07		P	0.1	0.21	0.31						470.7					0.59	6.83	0.027		U		2.6		27.93	
LOXA106	Sep-07		P	0.07	0.15	0.25						324.1					0.95	6.85	0.016			3.5	1.5	27.92		
LOXA107	Sep-07		N	0.08	0.14																					
LOXA108	Sep-07		N	0.09	0.14																					
LOXA109	Sep-07		F	0.17	0.35	0.4	55	16	25	22	25	199.2 U			1.5	0.085	1.37	6.58	0.017	14	160	2.5	1.4	27.86	0.79	
LOXA110	Sep-07		P	0.08	0.16	0.35						130.7					2.1	6.43	0.0079		U		0.35		27.47	
LOXA111	Sep-07		P	0.1	0.21	0.4						151.1					1.17	6.28	0.0094			3	0.44		27.67	
LOXA112	Sep-07		F	0.15	0.3	0.43	30	15	20	20	18	165.2 U			1.2	0.065	1.57	6.5	0.0097	13	130	2	1.6	27.68	1.5	
LOXA113	Sep-07		P	0.1	0.2	0.4						136.6					1.59	6.45	0.0084			2	0.34		27.65	
LOXA114	Sep-07		P	0.09	0.2	0.74						124.5					2.25	7.35	0.012		U				27.45	
LOXA115	Sep-07		F	0.14	0.31	0.91	160	53	28	30	110	768.2		0.0064	1.9	0.042	2.2	7.23	0.036	18	490	8.5	36	28.88	1.9	
LOXA116	Sep-07		F	0.14	0.31	0.91	150	52	29	29	93	648.9 U			3.3	0.048	1.72	6.73	0.013	17	430	36	20	25.42	15	
LOXA116	Sep-07	9/13/2007	R																0.12							
LOXA117	Sep-07		F	0.12	0.24	0.4	70	22	26	26	30	247 U			1.2	0.0075	1.28	6.22	0.021	8.2	200	3	4.5	25.27	0.81	
LOXA118	Sep-07		F	0.14	0.28	0.42	41	14	20	20	21	159.5 U			1	0.02	2.22	6.07	0.016	11	130	3	3.1	25.9	0.46	
LOXA119	Sep-07		F	0.13	0.25	0.4	30	9.1	19	19	17	118.8 U		0.99	U		2.29	6.13	0.009	11	100	2	1.3	26.16	0.53	
LOXA120	Sep-07		F	0.19	0.39	0.4	25	8	20	20	23	131.1 U			1.5	0.027	4.53	6.34	0.0095	5.3	110	2.7 U		27.86	0.59	
LOXA121	Sep-07		N																							
LOXA122	Sep-07		F	0.14	0.28	0.4	160	47	28	29	46	463 U			1.4	0.083	1.88	6.61	0.013	12	320 U		8.1	25.95	0.74	
LOXA123	Sep-07		N																							
LOXA124	Sep-07		F	0.21	0.42	0.5	50	18	24	25	42	242.2 U			1.2	0.029	1.75	6.5	0.012	9.6	190 U		1.2	25.64	1.1	
LOXA126	Sep-07		F	0.19	0.38	0.47	84	27	21	24	62	377.4 U			1	0.032	1.45	6.71	0.0079	13	260 U		5.1	26.52	1.5	
LOXA127	Sep-07		F	0.16	0.32	0.42	12	8.4	22	22	20	113.9 U			1.3	0.025	1.85	6.28 U		8.5	99 U		U	27.13	1.2	
LOXA128	Sep-07		P	0.06	0.12	0.24						151					2.81	6.17	0.005		U				26.96	
LOXA129	Sep-07		F		>1		140	52	17	17	91	609.6		0.0046	1.1	0.0082	2.35	7.34	0.037	9.3	370	5	23	28.89	5	
LOXA130	Sep-07		F	0.18	0.36	0.38	90	28	30	31	43	328.7 U			1.5	0.028	1.64	6.71	0.02	11	240 U		1.6	26.49	0.87	
LOXA131	Sep-07		F	0.16	0.32	0.39	50	14	24	26	24	183.2 U			1.4	0.02	2.6	6.67	0.005	10	160	3	1	27.01	1.5	
LOXA132	Sep-07		F		>1		140	53	15	16	98	637.8		0.014	1.1	0.016	1.74	7.49	0.027	8.8	380	4.5	27	26.95	3.3	
LOXA133	Sep-07		N																							
LOXA134	Sep-07		F	0.17	0.35	0.42	59	19	25	26	26	204.4 U			1.3	0.021	1.41	6.55	0.015	10	170	3	1.7	27.12	1.1	
LOXA135	Sep-07		F		>1		68	52	15	15	97	627.8		0.016	1.1	0.013	1.5	7.38	0.027	10	390	2.5	26	27.54	2.4	
LOXA136	Sep-07		P	0.09	0.17	0.35						217.4					0.85	6.65	0.025		U			0.84	26.05	
LOXA137	Sep-07		F	0.13	0.26	0.41	59	17	26	25	25	194.7 U			1.3	0.02	0.75	6.49	0.014	9.9	160	2	1.3	26.67	0.86	
LOXA138	Sep-07		P	0.08	0.15	0.22						139.3					2.25	6.61	0.0084		U			0.63	26.56	
LOXA139	Sep-07		P	0.06	0.12	0.15						114.5					1.98	6.46	0.012		3 U				26.18	
LOXA140	Sep-07		P	0.11	0.21	0.24						183.6					3.2	6.47	0.0088		U		1.4		27.27	
LOXA141	Sep-07		F	0.22	0.44	0.65	110	38	23	25	56	430.7 U			1.3	0.0045	0.67	6.52	0.012	6.7	280	2.7	13	26.62	1.4	

Number of Full Samples: 21  
 Number of Partial Samples: 13  
 Number of No Samples: 6  
 Total Sites: 40

(1) Field depth is one half of (2) 8/16/2006  
 (2) Total depth is depth of the clear water column.  
 U indicates that the compound was analyzed for but not detected; see "LOXA\_Parameter\_Info" tab for table of MDLs.  
 \*\*\* indicates sample improperly processed for analysis  
 Q indicates sample held beyond accepted holding time

Additional information on the Enhanced Water Quality Monitoring Network can be found at:  
[http://sofia.usgs.gov/ox\\_monitor\\_modeling\\_network.html](http://sofia.usgs.gov/ox_monitor_modeling_network.html)  
 Data from June 2004 to May 2006 available on DBHYDRO:  
[http://www.fwrmd.gov/ox/ox\\_data\\_dbhydro/](http://www.fwrmd.gov/ox/ox_data_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**

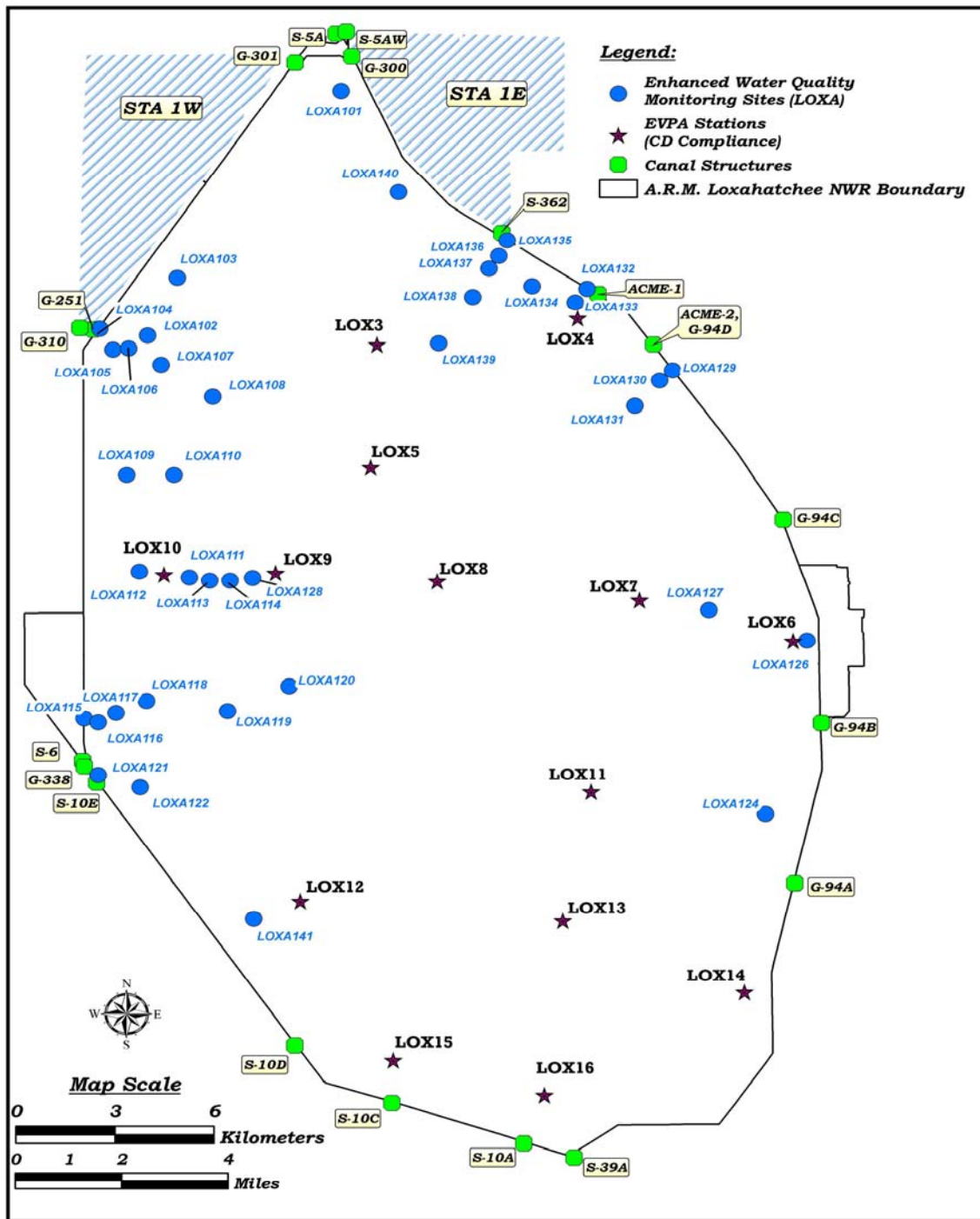
Parameter Information:

<b>Parameter</b>	<b>Units</b>	<b>Analysis Method</b>	<b>MDL</b>
Alkalinity as CaCO <sub>3</sub> , Total	mg/L	310.1	1.9
Calcium Dissolved	mg/L	200.7	0.014
Carbon, Dissolved Organic	mg/L	415.1	0.5
Carbon, Total Organic	mg/L	415.1	0.5
Chloride	mg/L	300.0	0.052
Conductivity (field)	uMHOS/cm	120.1 (field)	-
Nitrate + Nitrite as Nitrogen	mg/L	300.0	0.004
Nitrogen, Total Kjeldahl (TKN)	mg/L	351.2	0.1
Ortho-phosphate as Phosphorus	mg/L	365.1	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	0.068
Solids, Total Dissolved (TDS)	mg/L	160.1	4.7
Solids, Total Suspended (TSS)	mg/L	160.2	1.6
Sulfate	mg/L	300.0	0.16
Temperature (Field)	DEG C	170.1	-
Turbidity	NTU	180.1	0.17

Note: Nitrate and Nitrite not analyzed after June 2006

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

Map of sites:





Coordinates of sites:

Name	Latitude	Longitude	X_DMS*	Y_DMS*	X_DM**	Y_DM**
LOXA101	26.667392489	-80.366364752	80° 21' 58.91" W	26° 40' 2.61" N	80° 21.9818333' W	26° 40.0435' N
LOXA102	26.595988767	-80.425537688	80° 25' 31.94" W	26° 35' 45.56" N	80° 25.532333' W	26° 35.7593333333333' N
LOXA103	26.612851423	-80.416436308	80° 24' 59.17" W	26° 36' 46.27" N	80° 24.98616667' W	26° 36.7711666666667' N
LOXA104	26.597981879	-80.440045081	80° 26' 24.16" W	26° 35' 52.73" N	80° 26.4026667' W	26° 35.8788333333333' N
LOXA105	26.591899226	-80.436094071	80° 26' 9.94" W	26° 35' 30.84" N	80° 26.1656667' W	26° 35.514' N
LOXA106	26.592206216	-80.431280960	80° 25' 52.61" W	26° 35' 31.94" N	80° 25.876833' W	26° 35.5323333333333' N
LOXA107	26.587390459	-80.421444676	80° 25' 17.20" W	26° 35' 14.61" N	80° 25.286667' W	26° 35.2435' N
LOXA108	26.577960101	-80.405853442	80° 24' 21.07" W	26° 34' 40.66" N	80° 24.35116667' W	26° 34.6776666666667' N
LOXA109	26.555288645	-80.432051570	80° 24' 55.39" W	26° 33' 19.04" N	80° 25.92316667' W	26° 33.3173333333333' N
LOXA110	26.555239734	-80.417691537	80° 25' 3.69" W	26° 33' 18.86" N	80° 25.0615' W	26° 33.3143333333333' N
LOXA111	26.525335828	-80.413147047	80° 24' 47.33" W	26° 31' 31.21" N	80° 24.7888333' W	26° 31.5201666666667' N
LOXA112	26.527124725	-80.428373322	80° 25' 42.14" W	26° 31' 37.65" N	80° 25.702333' W	26° 31.6275' N
LOXA113	26.524427841	-80.406998750	80° 24' 25.20" W	26° 31' 27.94" N	80° 24.42' W	26° 31.4656666666667' N
LOXA114	26.524392580	-80.400839654	80° 24' 3.02" W	26° 31' 27.81" N	80° 24.050333' W	26° 31.4635' N
LOXA115	26.484225781	-80.445336745	80° 26' 43.21" W	26° 29' 3.21" N	80° 26.7201667' W	26° 29.0535' N
LOXA116	26.483058602	-80.441097999	80° 26' 27.95" W	26° 28' 59.01" N	80° 26.4658333' W	26° 28.9835' N
LOXA117	26.485804269	-80.435685796	80° 26' 8.47" W	26° 29' 8.90" N	80° 26.14116667' W	26° 29.1483333333333' N
LOXA118	26.489289243	-80.426390912	80° 25' 35.01" W	26° 29' 21.44" N	80° 25.5835' W	26° 29.3573333333333' N
LOXA119	26.486214619	-80.401808449	80° 24' 6.51" W	26° 29' 10.37" N	80° 24.1085' W	26° 29.1728333333333' N
LOXA120	26.493410539	-80.383079866	80° 22' 59.09" W	26° 29' 36.28" N	80° 22.9848333' W	26° 29.6046666666667' N
LOXA121	26.467676727	-80.441132313	80° 26' 28.08" W	26° 28' 3.64" N	80° 26.468' W	26° 28.0606666666667' N
LOXA122	26.464042966	-80.428433669	80° 25' 42.36" W	26° 27' 50.55" N	80° 25.706' W	26° 27.8425' N
LOXA123	26.426753074	-80.400363722	80° 24' 1.31" W	26° 25' 36.31" N	80° 24.0218333' W	26° 25.6051666666667' N
LOXA124	26.455353967	-80.238754550	80° 14' 19.52" W	26° 27' 19.27" N	80° 14.325333' W	26° 27.3211666666667' N
LOXA126	26.506011481	-80.225851709	80° 13' 33.07" W	26° 30' 21.64" N	80° 13.55116667' W	26° 30.3606666666667' N
LOXA127	26.515134740	-80.255559757	80° 15' 20.02" W	26° 30' 54.49" N	80° 15.3336667' W	26° 30.9081666666667' N
LOXA128	26.525162864	-80.394012101	80° 23' 38.44" W	26° 31' 30.59" N	80° 23.6406667' W	26° 31.5098333333333' N
LOXA129	26.585007262	-80.266082555	80° 15' 57.90" W	26° 35' 6.03" N	80° 15.965' W	26° 35.1005' N
LOXA130	26.582118809	-80.270055306	80° 16' 12.20" W	26° 34' 55.63" N	80° 16.20333' W	26° 34.9271666666667' N
LOXA131	26.574747906	-80.277646525	80° 16' 39.53" W	26° 34' 29.09" N	80° 16.6588333' W	26° 34.4848333333333' N
LOXA132	26.609005614	-80.291899387	80° 17' 30.84" W	26° 36' 32.42" N	80° 17.514' W	26° 36.5403333333333' N
LOXA133	26.605089596	-80.295574907	80° 17' 44.07" W	26° 36' 18.32" N	80° 17.7345' W	26° 36.3053333333333' N
LOXA134	26.609856637	-80.308603250	80° 18' 30.97" W	26° 36' 35.48" N	80° 18.51616667' W	26° 36.5913333333333' N
LOXA135	26.623355381	-80.316122757	80° 18' 58.04" W	26° 37' 24.08" N	80° 18.967333' W	26° 37.4013333333333' N
LOXA136	26.618793017	-80.318666883	80° 19' 7.20" W	26° 37' 7.65" N	80° 19.12' W	26° 37.1275' N
LOXA137	26.615103372	-80.321703271	80° 19' 18.13" W	26° 36' 54.37" N	80° 19.30216667' W	26° 36.9061666666667' N
LOXA138	26.606816926	-80.326665374	80° 19' 36.00" W	26° 36' 24.54" N	80° 19.6' W	26° 36.409' N
LOXA139	26.593325251	-80.337153885	80° 20' 13.75" W	26° 35' 35.97" N	80° 20.22916667' W	26° 35.5995' N
LOXA140	26.637603226	-80.349094316	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° 38.625' 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](http://sofia.usgs.gov/lox_monitor_model/workplans/EnhancedWQsamplingStations_.pdf)