

Refuge's Enhanced Water Quality Program Monthly Sampling

From 2009 – Until a 2009 Data Update

Posted Dec. 1, 2009

by:

Matt Harwell

**A.R.M. Loxahatchee National
Wildlife Refuge**

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**A.R.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	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

Aug-09

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 (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
		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	8/18/2009	P	0.06	0.12	0.21	-	-	-	-	67	500	-	-	-	2.4	6.9	0.020	-	-	4	3.8	28.1	-
A102	-	N	-	-	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A103	8/18/2009	P	0.05	0.11	0.16	-	-	-	-	19	157	-	-	-	0.9	6.8	0.020	-	-	4	0.81	27.2	-
A104	8/19/2009	F	-	-	>1M	220	68.9	38	39	170	1148	0.048	2.2	U	5.5	7.8	0.044	3	740	4.5	87	30.6	1.3
A105	8/19/2009	P	0.08	0.17	0.33	-	-	-	-	48	393	-	-	-	1.9	7.0	0.023	-	-	U	8.1	26.7	-
A106	8/19/2009	P	0.08	0.17	0.22	-	-	-	-	27	233	-	-	-	3.2	6.9	0.019	-	-	U	3.5	26.4	-
A107	-	N	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A108	-	N	-	-	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A109	8/19/2009	F	0.2	0.39	0.4	40	11.9	21	22	17	146	U	1.2	U	1.1	6.4	0.015	2	110	U	2	28.1	0.8
A110	8/19/2009	P	0.09	0.18	0.24	-	-	-	-	24	29	-	-	-	3.7	6.9	0.014	-	-	U	0.29	27.8	-
A111	8/19/2009	P	0.09	0.18	0.37	-	-	-	-	15	106	-	-	-	2.0	6.8	0.014	-	-	U	0.33	27.9	-
A112	8/19/2009	F	0.17	0.32	0.42	34	10.1	17	18	14	121	U	1.0	U	1.7	6.6	0.015	4	110	U	0.84	28.1	1.0
A113	8/19/2009	P	0.08	0.17	0.36	-	-	-	-	17	107	-	-	-	2.2	7.0	0.014	-	-	U	0.23	27.4	-
A114	8/19/2009	P	0.08	0.17	0.33	-	-	-	-	17	100	-	-	-	1.4	6.7	0.013	-	-	2	0.19	27.5	-
A115	8/20/2009	F	0.5	-	>1M	230	73.6	38	39	170	1133	0.017	2.0	U	3.6	7.6	0.041	32	720	2	81	29.8	1.6
A116	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A117	8/20/2009	F	0.17	0.34	0.39	60	18.2	21	21	22	198	U	0.8	U	7.3	6.6	0.024	5	150	2.5	2.7	28.3	0.7
A118	8/20/2009	F	0.13	0.27	0.39	26	9.59	17	17	14	110	U	0.8	U	2.0	6.3	0.016	5	89	3.5	0.94	28.5	1.2
A119	8/20/2009	P	0.16	0.33	0.45	-	7.73	17	17	13	95	U	0.9	U	1.9	6.3	0.015	7	89	3	0.22	28.7	0.6
A120	8/20/2009	F	0.15	0.31	0.45	26	0.04	15	15	16	90	0.011	1.1	U	2.9	6.2	0.014	3	82	3.5	U	28.5	1.5
A121	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A122	8/20/2009	F	0.15	0.3	0.35	75	23.4	22	23	27	243	0.018	1.0	U	8.7	6.7	0.026	7	180	U	3.6	28.2	0.8
A123	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A124	8/17/2009	F	0.14	0.28	0.4	30	12.8	26	25	26	155	U	1.1	U	2.2	7.2	0.021	6	120	U	0.28	29.5	1.1
A126	8/17/2009	P	0.1	0.19	0.34	-	-	-	-	30	247	-	-	-	3.7	6.9	0.018	-	-	U	3.6	29.9	-
A127	8/17/2009	P	0.07	0.15	0.32	-	-	-	-	14	97	-	-	-	6.2	6.8	0.021	-	-	U	U	31.9	-
A128	8/20/2009	P	0.06	0.12	0.21	-	-	-	-	20	95	-	-	-	4.4	6.3	0.033	-	-	8	U	29.8	-
A129	8/17/2009	F	0.5	-	>1M	210	68	29	29	140	940	0.019	2.5	U	4.6	7.5	0.080	10	550	12	38	30.0	5.3
A130	8/17/2009	F	0.14	0.27	0.34	67	15.1	19	18	15	137	U	0.9	U	3.0	6.6	0.017	5	110	1.5	1.2	30.3	0.7
A131	8/17/2009	F	0.1	0.21	0.32	26	8.6	19	18	12	97	U	1.4	U	2.8	6.6	0.017	6	99	U	0.44	30.0	0.7
A132	8/17/2009	F	0.5	-	>1M	190	62.7	30	30	130	842	U	2.6	U	4.9	7.7	0.077	8	500	14	32	29.7	4.6
A133	-	N	-	-	0.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A134	8/17/2009	F	0.11	0.23	0.34	200	16.2	22	22	21	167	U	1.4	U	5.7	7.1	0.020	5	120	2	1.4	30.8	0.8
A135	8/18/2009	F	-	-	>1M	150	47.7	29	30	88	634	0.014	2.1	0.039	2.3	7.5	0.061	14	400	8	24	30.1	6.0
A136	8/18/2009	P	0.06	0.13	0.24	-	-	-	-	23	216	-	-	-	0.9	7.0	0.025	-	-	4	1	28.0	-
A137	8/18/2009	P	0.12	0.24	0.18	-	-	-	-	18	151	-	-	-	1.3	7.1	0.021	-	-	3	1.2	28.8	-
A138	8/18/2009	P	0.06	0.13	0.22	-	-	-	-	16	129	-	-	-	2.4	7.3	0.044	-	-	2	0.44	28.5	-
A139	8/18/2009	P	0.05	0.11	0.11	-	-	-	-	14	99	-	-	-	1.6	7.2	0.013	-	-	3	U	28.6	-
A140	8/18/2009	P	0.06	0.12	0.19	-	-	-	-	19	139	-	-	-	3.8	6.7	0.018	-	-	4	0.53	28.8	-
A141	8/20/2009	F	0.13	0.27	0.63	58	16.8	19	20	22	192	U	1.1	U	6.3	6.5	0.022	5	130	U	2.7	27.6	0.9
Total			40																				
Full			16																				
Partial			17																				
None			7																				

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

²Total depth is depth of the clear water column.

³DCS is the depth of the water column down to the consolidated substrate.

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

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-09

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	9/15/2009	F	0.1	0.21	0.3	81	24	21	21	31	276	U	0.91	-	2.3	6.8	0.011	8	180	U	1.2	27.8	0.4	
A102	9/15/2009	F	0.15	0.29	0.36	59	18	20	20	33	242	U	0.82	-	3.9	6.9	0.009	13	150	3	2.0	27.8	0.4	
A103	9/15/2009	-	0.11	0.22	0.38	66	23	28	28	62	357	U	1.1	-	2.4	7.0	0.010	17	250	2.5	3.5	28.0	0.3	
A104	9/16/2009	F	-	-	>1M	250	84	40	40	140	1080	0.03	2.2	0.020	1.8	7.5	0.047	27	700	2.5	-	29.6	2.1	
A105	9/16/2009	F	-	-	0.49	200	63	37	37	140	966	U	1.9	U	3.0	7.2	0.019	26	600	U	58.0	29.3	0.7	
A106	9/16/2009	F	-	-	0.45	160	49	31	31	120	779	U	1.4	0.007	3.6	7.2	0.011	28	490	U	35.0	30.9	0.7	
A107	9/16/2009	P	-	-	0.23	-	-	-	-	20	153	-	-	-	2.2	6.6	0.017	-	-	U	0.6	28.8	-	
A108	9/15/2009	F	0.14	0.24	0.32	13	5	20	20	16	93	U	1	-	4.6	7.1	0.007	3	83	2	U	29.2	0.7	
A109	9/16/2009	F	-	-	0.66	56.2	19	21	21	42	283	U	1	U	3.2	6.7	0.008	10	190	U	7.4	29.0	0.4	
A110	9/16/2009	F	-	-	0.44	20	6	18	18	14	95	U	0.97	U	6.0	6.9	0.009	6	81	2	0.3	30.4	0.5	
A111	9/16/2009	F	-	-	0.51	22	6	12	12	9.2	77	U	0.69	U	4.3	6.6	0.007	3	58	U	0.3	28.9	0.5	
A112	9/16/2009	F	-	-	0.56	29	9	16	16	12	105	U	0.87	U	3.6	6.6	0.019	3	88	U	0.9	29.3	0.6	
A113	9/16/2009	F	-	-	0.53	18	6	11	11	8.5	69	U	0.51	U	3.9	6.8	0.011	3	53	3.5	0.3	29.0	1.1	
A114	9/16/2009	F	-	-	0.52	11	5	12	12	8.8	67	U	0.7	0.005	3.5	7.1	0.008	2	52	2.5	0.2	28.4	0.6	
A115	9/17/2009	F	-	-	>1M	240	80	39	40	140	1067	0.05	2.1	U	2.7	7.5	0.043	28	680	2.5	83.0	27.9	1.4	
A116	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A117	9/17/2009	F	0.21	0.43	0.58	100	34	25	26	64	443	U	1.2	0.019	1.4	6.8	0.012	14	280	U	15.0	27.7	0.5	
A118	9/17/2009	F	0.18	0.37	0.58	26	8	14	14	13	102	U	0.64	U	2.1	6.5	0.006	6	75	U	1.1	27.3	0.5	
A119	9/17/2009	F	0.21	0.42	0.59	20	6	14	14	8.9	75	U	0.83	U	3.6	6.6	0.005	9	69	U	0.2	28.2	0.6	
A120	9/17/2009	F	0.24	0.48	0.63	13	4	12	11	9.8	66	U	0.86	U	4.1	6.4	0.005	4	61	2.5	U	28.7	0.8	
A121	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A122	9/17/2009	F	0.18	0.37	0.53	120	41	26	27	71	531	U	1.3	0.011	7.6	6.9	0.009	14	320	U	22.0	27.9	0.5	
A123	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A124	9/14/2009	F	0.18	0.38	0.63	49	16	18	18	33	211	U	1	U	1.6	7.2	0.018	8	150	U	1.7	27.3	1.5	
A126	9/14/2009	F	0.16	0.33	0.61	140	46	22	22	87	600	U	1.5	U	0.9	7.0	0.012	12	370	2	24.0	27.7	0.7	
A127	9/14/2009	F	0.18	0.38	0.51	23	8	19	19	17	105	U	1.2	U	2.2	7.5	1.200	6	97	1.5	U	28.3	0.7	
A128	9/14/2009	R	-	-	-	-	-	-	-	-	-	-	-	-	-	0.019	-	-	-	-	-	-	-	-
A128	9/17/2009	F	0.12	0.25	0.4	12	5	15	13	10	69	U	1.1	0.007	2.8	6.3	0.007	2	57	2	U	28.5	0.5	
A129	9/14/2009	F	-	-	>1M	150	44	17	27	95	651	U	1.7	0.004	1.9	7.3	0.042	17	410	3	30.0	27.8	2.7	
A130	9/14/2009	F	0.18	0.36	0.56	70	22	18	18	34	259	U	1.1	U	1.1	6.8	0.012	7	180	1.5	4.3	27.2	0.7	
A131	9/14/2009	F	0.18	0.38	0.59	29	9	13	13	10	92	U	0.85	U	4.5	7.2	0.004	5	69	U	0.7	27.6	0.6	
A132	9/14/2009	F	-	-	>1M	170	54	29	28	110	777	U	1.8	0.025	2.0	7.4	0.057	19	480	3	42.0	29.1	2.3	
A133	9/14/2009	F	0.12	0.23	0.45	57	16	17	17	17	169	U	1	U	0.8	6.6	0.037	6	120	2.5	1.2	26.6	1.9	
A134	9/14/2009	F	0.22	0.43	0.66	49	14	17	17	13	145	U	1	U	1.9	7.6	0.016	5	100	U	1.1	27.8	1.4	
A135	9/15/2009	F	-	-	>1M	210	65	34	34	130	942	U	2	-	2.7	7.4	0.043	22	610	5	60.0	29.5	1.5	
A136	9/15/2009	F	0.11	0.22	0.8	81	28	21	22	44	332	U	1.2	-	0.7	6.7	0.026	8	210	4	6.8	27.2	1.3	
A137	9/15/2009	F	0.15	0.31	0.58	41	13	17	17	13	135	U	0.92	-	1.2	6.6	0.014	4	92	2.5	1.0	27.8	0.5	
A138	9/15/2009	F	0.14	0.28	0.42	24	8	15	15	10	95	U	0.97	-	3.4	6.8	0.008	5	87	4.5	0.5	28.3	0.9	
A139	9/15/2009	F	0.12	0.24	0.32	12	5	19	19	10	71	U	1.2	-	2.7	7.3	0.009	3	77	5	U	27.9	0.8	
A140	9/15/2009	F	0.13	0.26	0.41	28	9	20	20	10	93	U	0.98	-	4.1	7.1	0.013	5	87	3.3	0.4	28.3	0.5	
A141	9/17/2009	F	0.21	0.43	0.75	120	38	25	26	70	509	U	1.4	0.002	3.2	6.8	0.010	14	340	2.7	22.0	27.6	2.9	
Total			40																					
Full			36																					
Partial			1																					
None			3																					

¹Field 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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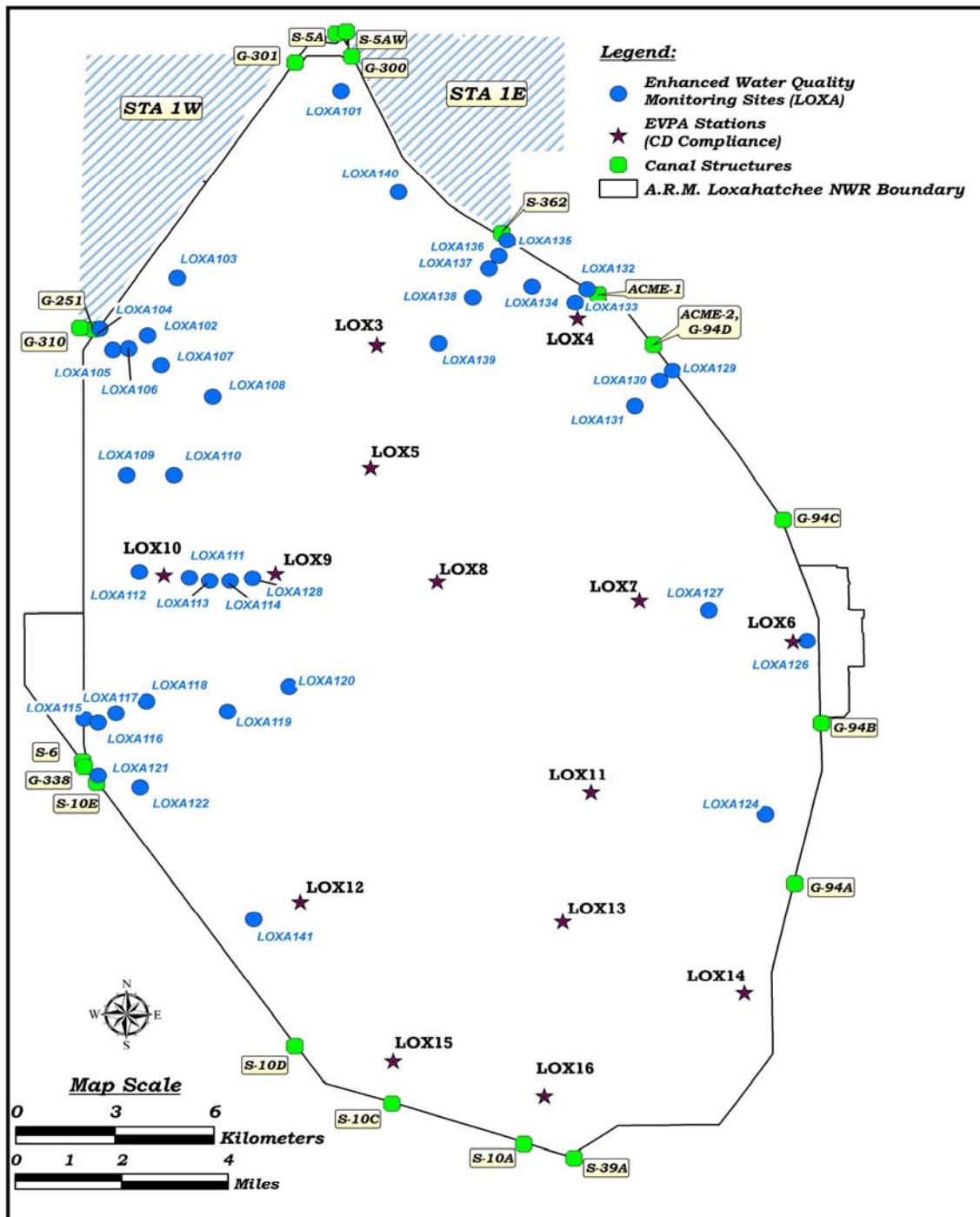
Data from June 2004 to May 2006 available on DBHYDRO:

<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

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	-80.39420	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