

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

April through June, 2014 Data Update
Submitted July 28, 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

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

Apr-14

| 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 | | N | | | | | | | | | | | | | | | | | | | | | |
| A102 | | N | | | | | | | | | | | | | | | | | | | | | |
| A103 | | N | | | | | | | | | | | | | | | | | | | | | |
| A104 | 04/08/14 | F | >1M | >1M | >1M | 196 | 58 | 26 | 26 | 141 | 861 | 0.066 | 1.5 | 0.006 | 5.4 | 7.8 | 0.017 | 6.9 | 532 | U | 33.1 | 25.9 | 1.6 |
| A105 | | N | | | | | | | | | | | | | | | | | | | | | |
| A106 | | N | | | | | | | | | | | | | | | | | | | | | |
| A107 | | N | | | | | | | | | | | | | | | | | | | | | |
| A108 | | N | | | | | | | | | | | | | | | | | | | | | |
| A109 | 04/09/14 | F | 0.10 | 0.20 | 0.30 | 55 | 18 | 19 | 19 | 50 | 282 | 0.003 | 1.2 | 0.002 | 1.5 | 6.3 | 0.003 | 3.4 | 197 | U | 1.6 | 21.2 | 1.0 |
| A110 | | N | | | | | | | | | | | | | | | | | | | | | |
| A111 | 04/09/14 | P | 0.05 | 0.11 | 0.23 | | | | | 28 | 165 | | | | 3.9 | 6.2 | 0.003 | | | U | 0.5 | 20.3 | |
| A112 | 04/09/14 | P | 0.07 | 0.15 | 0.25 | | | | | 33 | 144 | | | | 1.3 | 6.4 | U | | | U | 1.1 | 20.5 | |
| A113 | 04/09/14 | P | 0.05 | 0.10 | 0.23 | | | | | 32 | 177 | | | | 6.4 | 6.5 | 0.004 | | | U | 0.5 | 20.3 | |
| A114 | 04/09/14 | P | 0.05 | 0.11 | 0.25 | | | | | 30 | 164 | | | | 5.8 | 6.5 | U | | | U | 0.5 | 20.6 | |
| A115 | 04/08/14 | F | >1M | >1M | >1M | 156 | 49 | 25 | 23 | 117 | 749 | 0.017 | 1.5 | U | 5.9 | 7.7 | 0.011 | 8.0 | 473 | U | 37.5 | 25.5 | 2.5 |
| A117 | 04/10/14 | P | 0.05 | 0.11 | 0.24 | | | | | 81 | 454 | | | | 1.5 | 6.4 | 0.005 | | | U | 4.9 | 20.1 | |
| A118 | 04/10/14 | F | 0.10 | 0.20 | 0.27 | 46 | 15 | 17 | 17 | 38 | 239 | 0.002 | 0.9 | U | 2.1 | 6.3 | U | 2.8 | 156 | U | 1.6 | 20.2 | 0.6 |
| A119 | 04/10/14 | F | 0.10 | 0.20 | 0.29 | 36 | 11 | 21 | 21 | 27 | 161 | 0.022 | 1.3 | U | 5.1 | 6.5 | 0.003 | 3.9 | 138 | U | 0.5 | 19.3 | 1.2 |
| A120 | 04/10/14 | F | 0.10 | 0.20 | 0.30 | 29 | 9 | 22 | 22 | 31 | 165 | U | 1.6 | U | 5.2 | 6.4 | 0.003 | 5.9 | 144 | U | U | 19.0 | 1.7 |
| A122 | 04/10/14 | P | 0.05 | 0.11 | 0.25 | | | | | 77 | 458 | | | | 2.0 | 6.6 | 0.008 | | | U | 2.7 | 20.8 | |
| A124 | | N | | | | | | | | | | | | | | | | | | | | | |
| A126 | 04/10/14 | P | 0.09 | 0.18 | 0.30 | | | | | 56 | 339 | | | | 1.4 | 6.4 | 0.038 | | | 5 | 1.9 | 19.9 | |
| A127 | 04/10/14 | P | 0.08 | 0.16 | 0.28 | | | | | 29 | 152 | | | | 2.4 | 6.4 | 0.006 | | | U | U | 19.9 | |
| A128 | 04/09/14 | P | 0.06 | 0.12 | 0.28 | | | | | 34 | 162 | | | | 5.9 | 6.4 | 0.005 | | | U | U | 21.8 | |
| A129 | 04/08/14 | F | >1M | >1M | >1M | 170 | 55 | 24 | 24 | 143 | 830 | 0.030 | 1.6 | 0.003 | 5.3 | 7.6 | 0.042 | 5.6 | 501 | 5.5 | 21.4 | 27.2 | 3.2 |
| A130 | 04/07/14 | P | 0.09 | 0.19 | 0.31 | | | | | 73 | 409 | | | | 1.0 | 6.5 | 0.002 | | | U | 1.7 | 26.4 | |
| A131 | 04/07/14 | P | 0.06 | 0.13 | 0.28 | | | | | 36 | 217 | | | | 9.1 | 6.7 | U | | | U | U | 30.1 | |
| A132 | 04/08/14 | F | >1M | >1M | >1M | 187 | 62 | 26 | 25 | 171 | 975 | 0.058 | 1.7 | 0.003 | 5.2 | 7.7 | 0.030 | 5.0 | 583 | U | 32.6 | 27.2 | 3.0 |
| A133 | | N | | | | | | | | | | | | | | | | | | | | | |
| A134 | | N | | | | | | | | | | | | | | | | | | | | | |
| A135 | 04/08/14 | F | >1M | >1M | >1M | 194 | 67 | 26 | 26 | 183 | 1032 | 0.074 | 1.7 | 0.007 | 5.0 | 7.7 | 0.034 | 4.5 | 630 | U | 38.1 | 27.3 | 2.3 |
| A136 | 04/07/14 | P | 0.07 | 0.18 | 0.48 | | | | | 93 | 548 | | | | 0.3 | 6.8 | 0.032 | | | 16.5 | 4 | 27.9 | |
| A137 | | N | | | | | | | | | | | | | | | | | | | | | |
| A138 | | N | | | | | | | | | | | | | | | | | | | | | |
| A139 | | N | | | | | | | | | | | | | | | | | | | | | |
| A140 | | N | | | | | | | | | | | | | | | | | | | | | |
| A141 | 04/10/14 | F | 0.15 | 0.31 | 0.55 | 79 | 26 | 19 | 19 | 52 | 328 | U | 1.1 | 0.003 | 0.9 | 6.5 | 0.005 | 9.4 | 223 | U | 2.1 | 21.3 | 1.4 |
| Total | | | 37 | | | | | | | | | | | | | | | | | | | | |
| Full | | | 10 | | | | | | | | | | | | | | | | | | | | |
| Partial | | | 12 | | | | | | | | | | | | | | | | | | | | |
| None | | | 15 | | | | | | | | | | | | | | | | | | | | |

(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

May-14

| 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 | | N | | | | | | | | | | | | | | | | | | | | | |
| A102 | | N | | | | | | | | | | | | | | | | | | | | | |
| A103 | | N | | | | | | | | | | | | | | | | | | | | | |
| A104 | 05/13/14 | F | >1M | >1M | >1M | 164 | 52 | 27 | 28 | 139 | 845 | U | 2.2 | 0.004 | 5.8 | 7.7 | 0.014 | 9.9 | 524 | U | 47.1 | 28.1 | 4.9 |
| A105 | | N | | | | | | | | | | | | | | | | | | | | | |
| A106 | | N | | | | | | | | | | | | | | | | | | | | | |
| A107 | | N | | | | | | | | | | | | | | | | | | | | | |
| A108 | | N | | | | | | | | | | | | | | | | | | | | | |
| A109 | | N | | | | | | | | | | | | | | | | | | | | | |
| A110 | | N | | | | | | | | | | | | | | | | | | | | | |
| A111 | | N | | | | | | | | | | | | | | | | | | | | | |
| A112 | | N | | | | | | | | | | | | | | | | | | | | | |
| A113 | | N | | | | | | | | | | | | | | | | | | | | | |
| A114 | | N | | | | | | | | | | | | | | | | | | | | | |
| A115 | 05/13/14 | F | >1M | >1M | >1M | 127 | 41 | 23 | 23 | 102 | 651 | U | 1.4 | 0.004 | 6.4 | 7.4 | U | 8.6 | 400 | U | 32.8 | 28.0 | 3.5 |
| A117 | | N | | | | | | | | | | | | | | | | | | | | | |
| A118 | 05/13/14 | P | 0.05 | 0.11 | 0.15 | | | | | 43 | 301 | | | | 1.5 | 6.6 | 0.008 | | | U | 1.1 | 25.4 | |
| A119 | 05/13/14 | P | 0.05 | 0.11 | 0.23 | | | | | 37 | 246 | | | | 4.2 | 6.5 | U | | | U | 0.8 | 27.1 | |
| A120 | 05/13/14 | P | 0.06 | 0.13 | 0.45 | | | | | 44 | 237 | | | | 2.2 | 6.4 | U | | | U | 0.6 | 28.0 | |
| A122 | | N | | | | | | | | | | | | | | | | | | | | | |
| A124 | | N | | | | | | | | | | | | | | | | | | | | | |
| A126 | | N | | | | | | | | | | | | | | | | | | | | | |
| A127 | | N | | | | | | | | | | | | | | | | | | | | | |
| A128 | | N | | | | | | | | | | | | | | | | | | | | | |
| A129 | 05/13/14 | F | >1M | >1M | >1M | 157 | 53 | 23 | 24 | 135 | 777 | U | 2.0 | U | 6.3 | 7.8 | 0.032 | 1.2 | 461 | 8 | 19.3 | 28.4 | 4.8 |
| A130 | | N | | | | | | | | | | | | | | | | | | | | | |
| A131 | | N | | | | | | | | | | | | | | | | | | | | | |
| A132 | 05/13/14 | F | >1M | >1M | >1M | 196 | 68 | 25 | 25 | 201 | 1102 | 0.089 | 1.9 | 0.003 | 6.1 | 7.7 | 0.024 | 3.1 | 634 | 5.5 | 45.4 | 27.9 | 5.4 |
| A133 | | N | | | | | | | | | | | | | | | | | | | | | |
| A134 | | N | | | | | | | | | | | | | | | | | | | | | |
| A135 | 05/13/14 | F | >1M | >1M | >1M | 225 | 81 | 26 | 26 | 252 | 1352 | 0.139 | 2.1 | 0.009 | 5.2 | 7.6 | 0.025 | 5.3 | 776 | U | 66.6 | 27.7 | 3.2 |
| A136 | | N | | | | | | | | | | | | | | | | | | | | | |
| A137 | | N | | | | | | | | | | | | | | | | | | | | | |
| A138 | | N | | | | | | | | | | | | | | | | | | | | | |
| A139 | | N | | | | | | | | | | | | | | | | | | | | | |
| A140 | | N | | | | | | | | | | | | | | | | | | | | | |
| A141 | 05/13/14 | P | 0.08 | 0.17 | 0.40 | | | | | 59 | 375 | | | | 0.9 | 6.8 | U | | | U | 2 | 24.2 | |
| Total | | 37 | | | | | | | | | | | | | | | | | | | | | |
| Full | | 5 | | | | | | | | | | | | | | | | | | | | | |
| Partial | | 4 | | | | | | | | | | | | | | | | | | | | | |
| None | | 28 | | | | | | | | | | | | | | | | | | | | | |

(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

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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

Jun-14

| 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 | | N | | | | | | | | | | | | | | | | | | | | | |
| A102 | | N | | | | | | | | | | | | | | | | | | | | | |
| A103 | | N | | | | | | | | | | | | | | | | | | | | | |
| A104 | 06/10/14 | F | >1M | >1M | >1M | 192 | 66 | 32 | 32 | 205 | 1152 | U | 1.9 | 0.002 | 6.3 | 7.8 | 0.031 | 7.0 | 678 | U | 54.9 | 29.5 | 2.5 |
| A105 | | N | | | | | | | | | | | | | | | | | | | | | |
| A106 | | N | | | | | | | | | | | | | | | | | | | | | |
| A107 | | N | | | | | | | | | | | | | | | | | | | | | |
| A108 | | N | | | | | | | | | | | | | | | | | | | | | |
| A109 | | N | | | | | | | | | | | | | | | | | | | | | |
| A110 | | N | | | | | | | | | | | | | | | | | | | | | |
| A111 | | N | | | | | | | | | | | | | | | | | | | | | |
| A112 | | N | | | | | | | | | | | | | | | | | | | | | |
| A113 | | N | | | | | | | | | | | | | | | | | | | | | |
| A114 | | N | | | | | | | | | | | | | | | | | | | | | |
| A115 | 06/10/14 | F | >1M | >1M | >1M | 146 | 47 | 27 | 27 | 118 | 756 | 0.026 | 1.5 | 0.002 | 5.9 | 7.6 | 0.022 | 9.0 | 469 | U | 40.2 | 29.3 | 1.9 |
| A117 | | N | | | | | | | | | | | | | | | | | | | | | |
| A118 | | N | | | | | | | | | | | | | | | | | | | | | |
| A119 | 06/10/14 | P | 0.05 | 0.10 | 0.20 | | | | | 58 | 364 | | | | 4.2 | 7.1 | 0.077 | | 7.5 | 1.1 | 26.0 | | |
| A120 | | N | | | | | | | | | | | | | | | | | | | | | |
| A122 | | N | | | | | | | | | | | | | | | | | | | | | |
| A124 | | N | | | | | | | | | | | | | | | | | | | | | |
| A126 | | N | | | | | | | | | | | | | | | | | | | | | |
| A127 | | N | | | | | | | | | | | | | | | | | | | | | |
| A128 | | N | | | | | | | | | | | | | | | | | | | | | |
| A129 | 06/10/14 | F | >1M | >1M | >1M | 157 | 59 | 20 | 20 | 109 | 749 | 0.128 | 1.5 | 0.004 | 6.5 | 7.7 | 0.033 | 9.0 | 453 | U | 41.7 | 29.7 | 2.8 |
| A130 | | N | | | | | | | | | | | | | | | | | | | | | |
| A131 | | N | | | | | | | | | | | | | | | | | | | | | |
| A132 | 06/10/14 | F | >1M | >1M | >1M | 159 | 60 | 20 | 20 | 110 | 759 | U | 1.3 | 0.003 | 6.4 | 7.7 | 0.029 | 8.7 | 469 | U | 41.7 | 29.9 | 1.7 |
| A133 | | N | | | | | | | | | | | | | | | | | | | | | |
| A134 | | N | | | | | | | | | | | | | | | | | | | | | |
| A135 | 06/10/14 | F | >1M | >1M | >1M | 160 | 59 | 20 | 20 | 113 | 773 | 0.025 | 1.3 | 0.003 | 4.3 | 7.5 | 0.031 | 9.7 | 471 | U | 43.4 | 30.2 | 1.5 |
| A136 | | N | | | | | | | | | | | | | | | | | | | | | |
| A137 | | N | | | | | | | | | | | | | | | | | | | | | |
| A138 | | N | | | | | | | | | | | | | | | | | | | | | |
| A139 | | N | | | | | | | | | | | | | | | | | | | | | |
| A140 | | N | | | | | | | | | | | | | | | | | | | | | |
| A141 | | N | | | | | | | | | | | | | | | | | | | | | |
| Total | | 37 | | | | | | | | | | | | | | | | | | | | | |
| Full | | 5 | | | | | | | | | | | | | | | | | | | | | |
| Partial | | 1 | | | | | | | | | | | | | | | | | | | | | |
| None | | 31 | | | | | | | | | | | | | | | | | | | | | |

(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

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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.

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

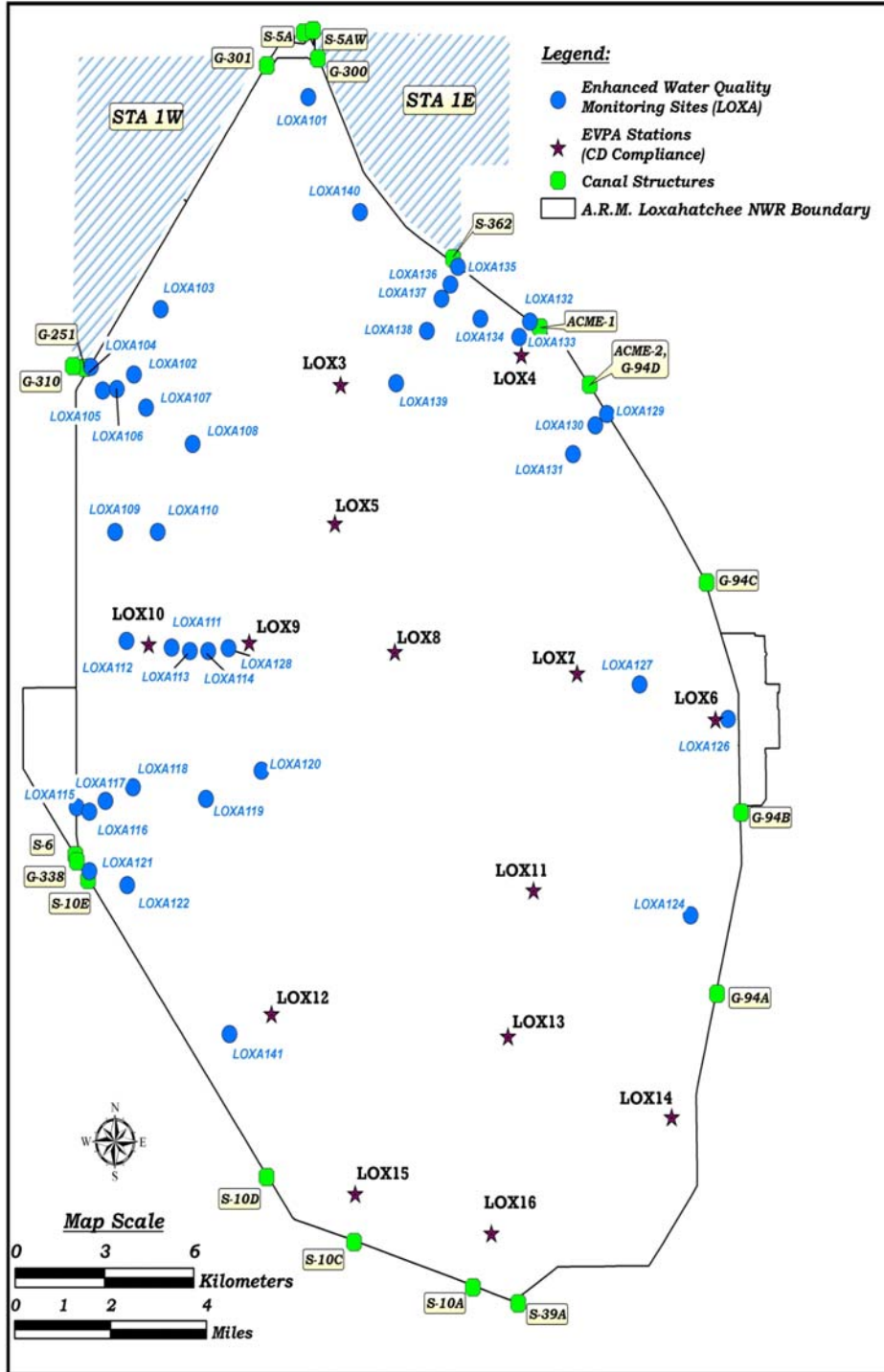
Parameter Information:

| 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