

PRELIMINARY
 Water Year 2014
 Shark River Slough
 Total Phosphorus (TP) Tracking Data Report
 (October 1, 2013 - September 30, 2014)

| Event Date | TP Concentration (mg/L) | | | | | Daily Mean Flow (all in cfs except for SRS inflow) | | | | | | | | Event FWMC (ppb) |
|------------|-------------------------|-------|-------|-------|-------|--|------|------|------|-----------|---------------------|------|------|------------------|
| | S12A | S12B | S12C | S12D | S333 | S12A | S12B | S12C | S12D | S333-S334 | SRS Inflow in ac-ft | S333 | S334 | |
| 10/7/2013 | 0.004 | 0.004 | 0.006 | 0.007 | 0.007 | 399 | 400 | 773 | 873 | | 4,850 | 536 | 544 | 5.7 |
| 10/14/2013 | 0.004 | 0.004 | 0.005 | 0.006 | 0.006 | 348 | 352 | 712 | 756 | | 4,300 | 669 | 670 | |
| 10/21/2013 | 0.005 | 0.004 | 0.006 | 0.006 | 0.006 | 319 | 331 | 684 | 769 | | 4,171 | 0 | 0 | 5.5 |
| 10/28/2013 | 0.005 | 0.004 | 0.006 | 0.007 | 0.007 | 330 | 340 | 690 | 765 | | 4,215 | 0 | 0 | |
| 11/4/2013 | 0.008 | 0.008 | 0.006 | 0.008 | 0.008 | 0 | 354 | 682 | 717 | | 3,477 | 0 | 0 | 7.2 |
| 11/12/2013 | 0.01 | 0.007 | 0.006 | 0.007 | 0.006 | 0 | 347 | 666 | 677 | | 3,352 | 0 | 0 | |
| 11/18/2013 | 0.011 | 0.007 | 0.005 | 0.007 | 0.007 | 0 | 318 | 628 | 617 | | 3,100 | 0 | 0 | 6.2 |
| 11/25/2013 | 0.008 | 0.006 | 0.006 | 0.007 | 0.008 | 0 | 354 | 402 | 676 | | 2,840 | 0 | 0 | |
| 12/2/2013 | 0.007 | 0.005 | 0.004 | 0.006 | 0.006 | 0 | 210 | 444 | 689 | | 2,664 | 0 | 0 | 5.2 |
| 12/9/2013 | 0.011 | 0.005 | 0.004 | 0.006 | 0.007 | 0 | 204 | 406 | 617 | | 2,434 | 0 | 0 | |
| 12/16/2013 | 0.006 | | | 0.008 | 0.007 | 0 | 0 | 0 | 399 | | 791 | 0 | 0 | 8.0 |
| 12/23/2013 | 0.007 | | | 0.007 | 0.006 | 0 | 0 | 0 | 227 | | 450 | 0 | 0 | |
| 12/30/2013 | 0.008 | | | | 0.008 | 0 | 0 | 0 | 190 | | 377 | 0 | 0 | |
| 1/6/2014 | 0.011 | | | 0.007 | 0.007 | 0 | 0 | 0 | 193 | | 383 | 0 | 0 | |
| 1/13/2014 | 0.009 | | | | 0.008 | 0 | 0 | 0 | 0 | 6 | 13 | 6 | 0 | 8.0 |
| 1/21/2014 | 0.008 | | | | 0.005 | 0 | 0 | 0 | 0 | 49 | 98 | 49 | 0 | |
| 1/27/2014 | 0.012 | | | | 0.007 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2/3/2014 | 0.008 | | | | 0.005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2/10/2014 | 0.012 | | | | 0.010 | 0 | 0 | 0 | 0 | 776 | 1,539 | 776 | 0 | 10.0 |
| 2/17/2014 | 0.008 | | | 0.006 | 0.008 | 0 | 0 | 0 | 460 | 617 | 2,136 | 617 | 0 | |
| 2/24/2014 | 0.009 | | | 0.008 | 0.008 | 0 | 0 | 0 | 434 | 635 | 2,120 | 635 | 0 | 8.0 |
| 3/3/2014 | 0.011 | | | 0.007 | 0.009 | 0 | 0 | 0 | 496 | 535 | 2,045 | 544 | 8 | |
| 3/10/2014 | 0.012 | | | 0.007 | 0.010 | 0 | 0 | 0 | 466 | 649 | 2,211 | 649 | 0 | 8.7 |
| 3/17/2014 | 0.014 | | | 0.008 | 0.008 | 0 | 0 | 0 | 416 | 620 | 2,055 | 620 | 0 | |
| 3/24/2014 | 0.017 | | | 0.009 | 0.010 | 0 | 0 | 0 | 353 | 419 | 1,532 | 419 | 0 | 9.5 |
| 3/31/2014 | 0.021 | | | 0.012 | 0.011 | 0 | 0 | 0 | 251 | 165 | 825 | 165 | 0 | |
| 4/7/2014 | 0.023 | | | | 0.012 | 0 | 0 | 0 | 0 | 13 | 26 | 13 | 0 | 12.0 |
| 4/14/2014 | 0.023 | | | | 0.010 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4/21/2014 | 0.024 | | | | 0.011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4/28/2014 | 0.021 | | | | 0.013 | 0 | 0 | 0 | 0 | 1 | 1 | 77 | 76 | |
| 5/5/2014 | 0.031 | | | | 0.014 | 0 | 0 | 0 | 0 | 6 | 12 | 155 | 149 | 14.0 |
| 5/12/2014 | 0.041 | | | | 0.015 | 0 | 0 | 0 | 0 | 6 | 12 | 301 | 295 | |
| 5/19/2014 | 0.040 | | | | 0.018 | 0 | 0 | 0 | 0 | 7 | 15 | 347 | 340 | 18.0 |
| 5/27/2014 | 0.050 | | | | 0.030 | 0 | 0 | 0 | 0 | | 0 | 268 | 275 | |
| 6/2/2014 | 0.065 | | | | 0.038 | 0 | 0 | 0 | 0 | 2 | 5 | 245 | 243 | 38.0 |
| 6/9/2014 | 0.062 | | | | 0.034 | 0 | 0 | 0 | 0 | | 0 | 87 | 93 | |
| 6/16/2014 | 0.048 | | | | 0.037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6/23/2014 | 0.043 | | | | 0.041 | 0 | 0 | 0 | 0 | 513 | 1,018 | 513 | 0 | |
| 6/30/2014 | 0.044 | | 0.019 | 0.035 | 0.037 | 0 | 0 | 47 | 203 | 474 | 1,436 | 474 | 0 | 35.3 |
| 7/7/2014 | 0.043 | | 0.019 | 0.017 | 0.035 | 0 | 0 | 28 | 193 | 853 | 2,130 | 853 | 0 | |
| 7/14/2014 | 0.036 | | 0.012 | 0.017 | 0.040 | 0 | 0 | 261 | 521 | 884 | 3,304 | 884 | 0 | 28.4 |
| 7/21/2014 | 0.023 | | 0.015 | 0.018 | 0.026 | 0 | 0 | 406 | 556 | 600 | 3,098 | 781 | 0 | |
| 7/28/2014 | 0.022 | | 0.017 | 0.015 | 0.022 | 0 | 0 | 521 | 576 | 567 | 3,300 | 567 | 0 | 18.0 |
| 8/4/2014 | 0.022 | 0.019 | 0.016 | 0.013 | 0.016 | 0 | 0 | 0 | 505 | 0 | 1,002 | 0 | 0 | |
| 8/11/2014 | 0.022 | 0.017 | 0.013 | 0.013 | 0.012 | 0 | 0 | 178 | 619 | 0 | 1,581 | 0 | 0 | 13.0 |
| 8/18/2014 | 0.010 | 0.010 | 0.012 | 0.012 | 0.011 | 145 | 168 | 384 | 559 | 0 | 2,491 | 0 | 0 | |
| 8/25/2014 | 0.007 | 0.006 | 0.007 | 0.010 | 0.016 | 148 | 170 | 380 | 512 | 884 | 4,154 | 884 | 0 | 11.5 |
| 9/2/2014 | 0.007 | 0.007 | 0.008 | 0.011 | 0.022 | 128 | 152 | 353 | 477 | 808 | 3,805 | 808 | 0 | |
| 9/8/2014 | 0.008 | 0.007 | 0.008 | 0.009 | 0.010 | 138 | 162 | 376 | 521 | 682 | 3,726 | 682 | 0 | 8.9 |
| 9/15/2014 | 0.009 | 0.007 | 0.009 | 0.010 | 0.008 | 200 | 222 | 468 | 713 | 0 | 3,180 | 0 | 0 | |
| 9/22/2014 | 0.007 | 0.007 | 0.008 | 0.010 | 0.007 | 204 | 204 | 480 | 774 | 0 | 3,297 | 0 | 0 | 8.7 |
| 9/29/2014 | 0.008 | 0.006 | 0.009 | 0.008 | 0.009 | 211 | 237 | 520 | 814 | 0 | 3,535 | 0 | 0 | |

WY2014 Preliminary Results Using Provisional Flow Data and Preliminary TP Concentration Data

| Period | Total Flow (kac-ft) | 12-Month FWMC (ppb) | 12-Month Moving Long-term Limit (ppb) | Percent of Sampling Events Greater than 10 ppb | |
|---------------------|---------------------|---------------------|---------------------------------------|--|----------|
| | | | | Guideline | Observed |
| 10/1/2013-9/30/2014 | 701.1 | 10.9 | 9.4 | 49.1% | 40.9% |

Blue shaded and **bolded** dates were the bi-weekly compliance sampling events and corresponding flow-weighted mean concentrations.

Light green shaded cell indicates there was flow at the site on the sampling day.

Yellow shaded cell indicates a compliance TP concentration datum was missing (See Settlement Agreement Report Appendix Table B-1 for detail).

* Shark River Slough (SRS) inflow = S12A+S12B+S12C+S12D+(S333-S334)

** The bi-weekly sampling events and flow data are used to calculate flow-weighted mean concentrations (FWMC).