| WEEKLY STA PERFORMANCE SUMMARY PROJECT STA-1E DATE 9/15/2014 LATEST DATA 09/14/2014  |  |  |  |                                     |                   |                 |                 |               |  |  |
|--|--|--|--|-------------------------------------|-------------------|-----------------|-----------------|---------------|--|--|
| PROJECT STA-1E   |  | Д  | AIE  | 9/15/2014                           |                   |                 | 1               | 09/14/2014    |  |  |
|  |  |  |  | ***                                 | Entire STA        | •               |                 | E Flow-way    |  |  |
|  | Inflow Volume (ac-ft) Inflow Load (kg)                       |  |  |                                     | 92,456<br>16,600  | 57,465<br>8,045 | 29,925<br>2,298 | 2,406<br>147  |  |  |
| 265 1 1 1  | Inflow Flo   |  | Mean Conc (ppb)  | 146                                 | 113               | 62              | 50              |               |  |  |
| 365-day Values   |  |  | w Volume (ac-ft)   | 88,894                              | 61,560            | 22,708          | 22              |               |  |  |
|  | Outflow Flor   |  | utflow Load (kg)   | 3,927<br>36                         | 2,872<br>38       | 1,701<br>61     | 1<br>19         |               |  |  |
| Outnow P   |  |  | Outflow Flow-weighted Mean Conc (ppb)  365-day load reduction (kg) |                                     |                   |                 | 597             | 147           |  |  |
|  |  | Inflow Volume (ac-ft)  |  |                                     |                   | 5,172<br>4,532  | 9,323           | 837           |  |  |
|  | Inflow Load (kg) Inflow Flow-weighted Mean Conc (ppb)        |  |  |                                     | 1,934             | 670             | 784             | 52<br>50      |  |  |
| 28-day Values  | Inflow Flov  |  |  | v Volume (ac-ft)                    | 131<br>10,507     | 120<br>5,414    | 4,682           | no flow       |  |  |
|  |  |  |  | utflow Load (kg)                    | 262               | 188             | 127             | no flow       |  |  |
|  | Outflow Flov   |  |  | Mean Conc (ppb)                     | 20                | 28              | 22              | no flow       |  |  |
|  | Inflow Flor  |  |  | w Volume (ac-ft)<br>Mean Conc (ppb) | 3,614<br>136      | 87<br>110       | 3,579<br>68     | 209<br>50     |  |  |
| 7-day Values   | IIIIOW I'IO  |  |  | w Volume (ac-ft)                    | 3,093             | 330             | 2,828           | no flow       |  |  |
|  | Outflow Flor   |  |  | Mean Conc (ppb)                     | 20                | 29              | 20              | no flow       |  |  |
|  |  |  |  | ng Rate (g/m²/yr)                   | 1.0               | 1.0             | 0.3             | off-line      |  |  |
| 6-month trend in Redirected to STA-1 Inflow Basin for the last 365 days  | n outflow TP concentr  | ation (-<br>olume (  |  | ns decrease; ppb)                   | -5<br>Load (kg)   | -11<br>no flow  | Conc (ppb)      | no flow       |  |  |
|  | nformation (Researc  |  | ` /  |                                     |                   |                 | conc (ppo)      | 110 110W      |  |  |
| W Flow-way   |  | Flow-  | way  | Ź                                   | E Flow-way        |                 |                 |               |  |  |
| On-line  |  | On-lin   | ne   |                                     | Off-line          |                 |                 |               |  |  |
| Online with restrictions. S-372E is offline for repair by USACE.   |  | ons. S-366D, S-367C, S-368D, ne for repair by USACE.  Offline for vegetation grow-in.          |  |                                     |                   |                 |                 |               |  |  |
| STA-1E   | S-376 S-155A (actual location approx. 6 miles east of S-376) | Moving 365-day & 28-day TP Concentrations - Entire STA POR: 5/1/2005-4/30/2013  365-day Inflow |  |                                     |                   |                 |                 |               |  |  |
| 5-5AS CSI CAMAL SS19 EDC   |  |  |  |                                     |                   |                 |                 | 1 1           |  |  |
| G-300 5-373 A-6 5-370 A-C 5-366 A-E 5-363 A-C  | STRUCTURES  Remotely Operated                                |  | POR FWM inflow   | conc (ppb) = 1'                     | 78 POR FWM        | 1 outflow conc  | (ppb) = 44      |               |  |  |
| 7 5 3 1 Western Flow-way Central Flow-way Eastern Flow-way   | Pump Station  Manually Operated                              | 200 -<br>180 -   |  |                                     |                   | <b></b>         |                 |               |  |  |
| WCA-1 5-374AC 5-371AC 5-367AE 5-364AC  | FEATURES EAV Treatment Cell                                  | (qda   | 160 -  |                                     |                   |                 |                 |               |  |  |
| Arthur R. Marshall Loxahatchee National 6 4N 2   | SAV Treatment Cell Second Canal                              | 140<br>140<br>140<br>140<br>140<br>140<br>140<br>140   |  |                                     |                   |                 |                 |               |  |  |
| Wildlife Refuge  Cell Cell Area (acres) 5-365 A-8  | Canals   |  |  |                                     |                   |                 |                 |               |  |  |
| 1 556<br>2 552 552   | Upland/Other area Mixed Marsh                                | M TI   | 80 -   |                                     | ·<br>-            | <u> </u>        |                 |               |  |  |
| 4N 647<br>45 749<br>5 571  | Boat Ramp  | FWN  | 60 -   |                                     |                   | ···             |                 |               |  |  |
| 6 1,059<br>7 419 Rustic Ranches  | ELOW<br>Inflow   |  | 40 -<br>20 -   |                                     |                   |                 |                 |               |  |  |
| Total 5,143  Notes: 1. Updated 3/5/13. 2. Drowing Not to Scale.  | Outflow Seepage return                                       |  | 0 -  |                                     | , ,               | 1               |                 |               |  |  |
| Cell (EDC)   3/7   3. Cell Areas calculated using dipliced   West Dist.   Cell (WDC)   580   Inspect calculated using dipliced   Inspect calculated using distribution cells   Section     | Diversion Flow   |  | 8/14/2013  | instans Instans                     | IIIIZOIA 3/2/2014 | Waltany Chara   | na Alabana olis | Dary Illibary |  |  |
| Moving 365-day Flows - Entire STA POI  | R: 5/1/2005-4/30/2013  |  | $\mathbf{M}$   | Ioving 365-day T                    | TP Loads - En     | tire STA        | POR: 5/1/200    | 5-4/30/2013   |  |  |
| Inflow — Outflow — — POR Inflow  | POR Outflow  |  |  | Inflow —                            | Outflow           | POR Inflow      | v POR           | Outflow       |  |  |
| POR ave. inflow (ac-ft) = 95,908 POR ave. outflo   | ow (ac-ft) = $93,137$  |  | I  | POR ave. inflow lo                  | ad $(kg) = 21,04$ | 2 POR ave. o    | utflow load (kg | (x) = 5,054   |  |  |
| 140,000  |  | 30   | 30,000   |                                     |                   |                 |                 |               |  |  |
| 120,000  |  | 2  | 25,000   | ~ <u> </u>                          |                   |                 |                 |               |  |  |
| 100,000  |  | 2  | 20,000   |                                     |                   |                 |                 | · <b>-</b>    |  |  |
| 80,000   |  | (kg)   |  |                                     |                   |                 |                 |               |  |  |
| 0,000 GO,000 GO, |  | oad  | .5,000   |                                     |                   |                 |                 |               |  |  |
| 40,000   |  | HPI  | 0,000  |                                     |                   |                 |                 |               |  |  |
| 20,000   |  | II -   | 5,000  |                                     |                   |                 |                 | <del>-</del>  |  |  |
| 0  |  |  | 0  | , ,                                 |                   | 1               |                 |               |  |  |
| Belly 13 1003112 1112113 0111114 13:00114 04:0114 061014   | Oligota Onteria Inotità                                      |  | 08/14/13   | 19193113 11122113                   | OTITITA OSIOZITA  | OH2111A ODITO   | ia olizolia osi | 1811A INOTILA |  |  |

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|  | EKLY STA PER                                     |  |                 | <b>IMARY</b>          |                 | ST DATA           | 0/4 4/2021                    |  |  |  |
|--|--|--|-----------------|-----------------------|-----------------|-------------------|-------------------------------|--|--|--|
| PROJECT STA-1W   | DATE !   | 9/15/2014  | 1               | 9/14/2014             |                 |                   |                               |  |  |  |
|  |  | Inflore V  | olume (ac-ft)   | Entire STA<br>191,514 | W Flow-way      |                   | N Flow-wa                     |  |  |  |
|  |  |  | ow Load (kg)    | 36,507                | 47,329<br>7,667 | 62,224<br>11,960  | 89,234<br>17,63               |  |  |  |
|  | Inflow Flow-v                                    |  | . 0,            | 155                   | 131             | 156               | 17,03                         |  |  |  |
| 365-day Values   |  |  | olume (ac-ft)   | 189,047               | 38,773          | 67,448            | 99,32                         |  |  |  |
|  |  |  | w Load (kg)     | 5,319                 | 1,161           | 1,563             | 2,33                          |  |  |  |
|  | Outflow Flow-v                                   |  |                 | 23                    | 24              | 19                | 1                             |  |  |  |
|  | 30   | 65-day load re   |                 | 31,188                | 6,506           | 10,397            | 15,30                         |  |  |  |
|  |  | olume (ac-ft)<br>ow Load (kg)  | 20,474<br>3,191 | 3,737<br>646          | 6,086<br>976    | 10,42<br>1,60     |                               |  |  |  |
|  | Inflow Flow-v                                    |  |                 | 126                   | 140             | 130               | 1,00                          |  |  |  |
| 28-day Values  | 11110 11 110 11 1                                |  | olume (ac-ft)   | 22,496                | 3,940           | 9,299             | 11,01                         |  |  |  |
|  |  | Outflo   | w Load (kg)     | 392                   | 75              | 146               | 17                            |  |  |  |
|  | Outflow Flow-v                                   |  | 41 /            | 14                    | 16              | 13                | 1                             |  |  |  |
|  |  |  | olume (ac-ft)   | 1,813                 | no flow         | no flow           | 1,21                          |  |  |  |
| 7-day Values   | Inflow Flow-v                                    |  |                 | 100                   | no flow         | no flow           | 10                            |  |  |  |
|  | Outflow Flow-v                                   |  | olume (ac-ft)   | 2,403<br>15           | 264<br>16       | 638<br>12         | 1,85<br>1                     |  |  |  |
|  | 365-day Phosphor                                 |  |                 | 1.4                   | 1.4             | 1.4               | 1                             |  |  |  |
| 6-month trend in   | outflow TP concentration                         |  |                 | -1                    | -3              | 0                 |                               |  |  |  |
| Redirection to STA-1E over the last 365 days   |  | ime (ac-ft)  | 61,253          | Load (kg)             | 12,434          | Conc (ppb)        | 165                           |  |  |  |
| Redirection to S-5AS over the last 365 days  | Volu   | ıme (ac-ft)  | 111,891         | Load (kg)             | 19,883          | Conc (ppb)        | 144                           |  |  |  |
|  | Information (Research                            |  | age-duration    | , vegetation, e       |                 |                   |                               |  |  |  |
| W Flow-way   |  | ow-way   |                 | N Flow-way            |                 |                   |                               |  |  |  |
| On-line  | On-line On                                       |  |                 |                       | On-line         |                   |                               |  |  |  |
| G-3270  G-3270 | ent Cell and | 250 Language | Joseph Linzanta | conc (ppb) = 1        | A ADDONA GIR    | Dana Usarana      | (ppb) = 51                    |  |  |  |
| Moving 365-day Flows - Entire STA PC  Inflow ——Outflow ———-POR Inflow  |  |  | Moving 365-     |                       |                 |                   | 95 - 4/30/2013<br>POR Outflow |  |  |  |
| POR ave. inflow (ac-ft) = 185,038 POR ave. or  | utflow (ac-ft) = 100 026                         | POR ave. inflow load (kg) = 40,197 POR ave. outflow load (kg) = 11,931   |                 |                       |                 |                   |                               |  |  |  |
| 300,000 TOR ave. inflow (ac-it) = 183,038 FOR ave. of  | 190,020 (ac-11) – 190,020                        | 60,000   | T ave. milov    | 1044 (Kg) = 40        | ,.,, 1 OK av    | c. outilow load   | (46) = 11,731                 |  |  |  |
| 250,000  |  |  |                 |                       |                 |                   |                               |  |  |  |
| 250,000  |  | 45,000   |                 |                       |                 | <b>—</b>          |                               |  |  |  |
| 200,000  | <b>L</b>   | TP Load (kg)   | <i>Z</i>        |                       |                 | ·                 |                               |  |  |  |
| <u>a</u><br>≥ 150,000  |  | <b>5</b> 30,000  |                 |                       |                 |                   |                               |  |  |  |
| <u> </u>   |  | ] 30,000   |                 |                       |                 |                   |                               |  |  |  |
| 100,000  |  |  |                 |                       |                 |                   |                               |  |  |  |
| 50,000   |  | 15,000   |                 |                       |                 |                   |                               |  |  |  |
| 2 3,000  |  |  |                 |                       |                 | ~                 | _                             |  |  |  |
| ON THE POST IN THE OFFICE OF STATE OF S | I'r alsoly allely I'llalig                       | 0<br>OSIIAI  | 3 10103113 1115 | AIS OILILLA OS        | DILA ONIZILA    | dellally alisalis | OBIRITA LIGITA                |  |  |  |

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| ALECT CTA 2  |  |                            | WEEKLY STA PERFORMANCE SUMMARY       |                           |               |               |               |                 |  |  |  |
|--|--|----------------------------|--------------------------------------|---------------------------|---------------|---------------|---------------|-----------------|--|--|--|
| DJECT STA-2 DATE 9/15/2  |  |                            |                                      |                           |               | LATE          | 9/14/2014     |                 |  |  |  |
|  | T  |                            | Entire STA                           | Flow-way 5                | Flow-way 4    |               | Flow-way 2    | Flow-way        |  |  |  |
|  |  | w Volume (ac-ft)           | 365,379                              | 5,052                     | 131,159       | 77,670        | 103,725       | 76,10<br>8,09   |  |  |  |
| 365-day Values Inflow Flow-weighted Mean Conc Outflow Volume   |  | Inflow Load (kg)           | 36,035<br>80                         | 143<br>23                 | 10,820<br>67  | 7,623<br>80   | 10,327<br>81  | 8,0             |  |  |  |
|  |  | 41 /                       |                                      | 5,829                     | 108,431       | 99,410        | 99,208        | 60,5            |  |  |  |
|  |  | Outflow Load (kg)          | 7,118                                | 136                       | 2,245         | 2,036         | 2,162         | 5               |  |  |  |
|  | Outflow Flow-weighted 1                                  | . 0                        | 16                                   | 19                        | 17            | 17            | 18            |                 |  |  |  |
|  |  | ad reduction (kg)          | 28,917                               | 7                         | 8,575         | 5,587         | 8,165         | 7,5             |  |  |  |
|  | Inflo  | w Volume (ac-ft)           | 78,792                               | 3,690                     | 15,341        | 21,561        | 18,716        | 21,5            |  |  |  |
| Inflow Load  |  |                            | 7,005                                | 87                        | 1,079         | 2,916         | 2,384         | 2,7             |  |  |  |
| 28-day Values  | Inflow Flow-weighted l                                   | 41 /                       | 72                                   | 19                        | 57            | 110           | 103           | 1               |  |  |  |
| 20 day varaes  |  | w Volume (ac-ft)           | 72,721                               | 2,709                     | 14,444        | 24,481        | 20,430        | 17,5            |  |  |  |
|  |  | Outflow Load (kg)          | 1,156                                | 65                        | 210           | 349           | 367           | 1               |  |  |  |
|  | Outflow Flow-weighted                                    |                            | 13                                   | 19                        | 12            | 12            | 15            | _               |  |  |  |
|  |  | w Volume (ac-ft)           | 31,000                               | 1,029                     | 6,952         | 7,634         | 8,968         | 6,4             |  |  |  |
| 7-day Values   | Inflow Flow-weighted                                     | 41 /                       | 21.461                               | 15                        | 48            | 103           | 97            | ( (             |  |  |  |
| -  |  | w Volume (ac-ft)           | 21,461                               | 486                       | 2,917         | 8,100         | 7,838         | 6,6             |  |  |  |
|  | Outflow Flow-weighted                                    | - 11 /                     | 12                                   | 17                        | 11            | 11            | 14            |                 |  |  |  |
| 2 4 .  | 365-day phosphorus load                                  |                            | 0.7                                  | 0.0                       | 0.4           | 0.8           | 1.1           |                 |  |  |  |
| 6-month tren   | d in outflow TP concentration (- mea                     |                            | -3                                   | -10                       | -3            | 0             | -4            |                 |  |  |  |
| Flore 7  | Flow-Way Informatio                                      | n (Research proj<br>Flow-v |                                      | iration, vegeta<br>Flow-v |               |               | Flow-way      | 1               |  |  |  |
| Flow-way 5<br>On-line  | Flow-way 4 On-line                                       | On-l                       | •                                    | On-l                      | •             |               | On-line       | 1               |  |  |  |
| Oil-iille  | Oil-line   | Oli-l                      | ille                                 | OII-I                     | ine           |               | On-mie        |                 |  |  |  |
| Back online starting from August 6, 2014.  |  |                            |                                      |                           |               |               |               |                 |  |  |  |
| Flow-way 4 0-33 Flow-way 4 0-33 Flow-way 4 0-33 Garden Gar | G 334 G 336 A 1 2 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3  | Edministrative             | 100<br>80<br>60<br>40<br>20<br>0     | Juggan's Juggan           | Section and   | Dan's Roberts | Januar Suk    | Inflata Inflata |  |  |  |
| 3 ;  | Flows - Entire STA POR: 5/1/2001  Outflow POR Inflow POF | 4/30/2013                  | Moving 3                             | 365-day TP Lo             | oads - Entire |               | POR: 5/1/200  | 1 - 4/30/2013   |  |  |  |
| POR ave. inflow (ac-ft 500,000 450,000   | ) = 255,385 POR ave. outflow (ac-ft) = 2                 | 278,277                    | 45,000                               | . inflow load (kg         | g) = 32,551 F | POR ave. outf | low load (kg) | = 7,493         |  |  |  |
| 400,000<br>350,000<br>300,000<br>250,000<br>200,000  |  | TP Load (kg)               | 35,000<br>35,000<br>25,000<br>20,000 |                           | لم            |               |               |                 |  |  |  |
| 150,000  |  | ——     <b>F</b>            | 15,000                               |                           |               |               |               |                 |  |  |  |

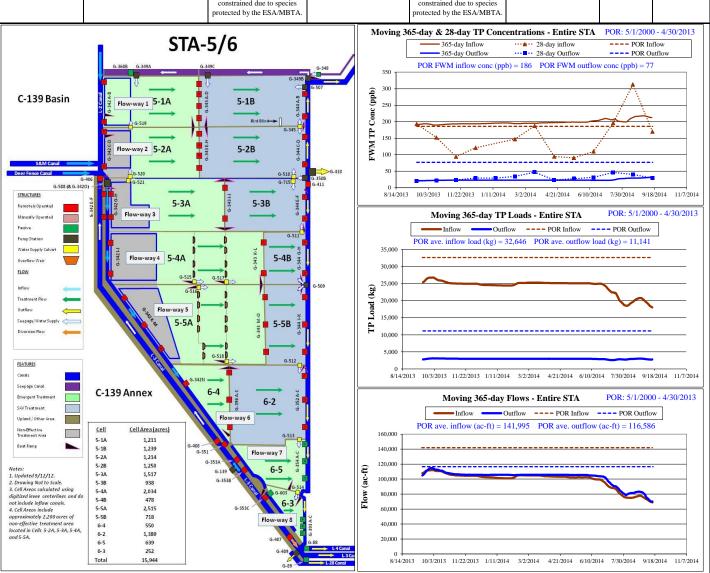
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|   | EEKLY STA PE   |   |                         | MARY            |  |   |   |  |  |  |  |
|---|--|---|-------------------------|-----------------|--|---|---|--|--|--|--|
| PROJECT STA-3/4   | DATE 9/15/   | 2014                                      |                         | LATES           | T DATA   | 9/14/2014                                     |   |  |  |  |  |
|   |  |   |                         | Entire STA      |  | C Flow-way                                    | E Flow-way                                      |  |  |  |  |
|   |  | Inflow Volume                             | ` /                     | 349,627         | 169,416  | 80,403  | 100,166   |  |  |  |  |
|   |  | Inflow Lo                                 |                         | 29,793          | 9,286  | 5,042   | 5,939   |  |  |  |  |
| 365-day Values  | Inflow Flow-   | weighted Mean Con                         | VI /                    | 69              | 44   | 51  | 48  |  |  |  |  |
| •   |  | Outflow Volume                            | ` /                     | 313,379         | 146,604  | 71,590  | 95,185  |  |  |  |  |
|   | Outflow Flow   | Outflow Lo<br>weighted Mean Con           |                         | 6,258<br>16     | 2,348<br>13  | 1,953<br>22                                   | 1,957<br>17                                     |  |  |  |  |
|   |  |   |                         |                 |  | 65-day load reduction (kg) 23,535 6,938 3,089 |   |  |  |  |  |
|   | Inflow Volume  | Ú   | 41,903                  | 16,677          | 8,393  | 3,982<br>18,867                               |   |  |  |  |  |
|   |  | Inflow Lo                                 | (                       | 2,848           | 963  | 509   | 1,149   |  |  |  |  |
|   | Inflow Flow-   | 55  | 47                      | 49              | 49   |   |   |  |  |  |  |
| 28-day Values   |  | Outflow Volume                            | VI /                    | 43,578          | 16,289   | 8,315   | 18,974  |  |  |  |  |
|   |  | Outflow Lo                                | ad (kg)                 | 807             | 207  | 231   | 369   |  |  |  |  |
|   | Outflow Flow-  | weighted Mean Con                         | c (ppb)                 | 15              | 10   | 23  | 16  |  |  |  |  |
|   |  | Inflow Volume                             | (ac-ft)                 | 16,493          | 4,904  | 4,489   | 7,352   |  |  |  |  |
| 7-day Values  | Inflow Flow-   | weighted Mean Con                         | 11 /                    | 52              | 46   | 48  | 43  |  |  |  |  |
| r day values  |  | Outflow Volume                            | ` /                     | 15,331          | 4,472  | 4,276   | 6,583   |  |  |  |  |
|   |  | weighted Mean Con                         |                         | 16              | 9  | 21  | 17  |  |  |  |  |
|   |  | orus Loading Rate (g                      |                         | 0.5             | 0.5  | 0.2   | 0.2   |  |  |  |  |
|   | outflow TP concentrat  | ,   | . 11                    | 1               | 0  | -1  | 3   |  |  |  |  |
|   | Information (Resear  |   | uration                 | , vegetation, e |  |   |   |  |  |  |  |
| W Flow-way  |  | low-way                                   |                         |                 | E Flor   | •   |   |  |  |  |  |
| On-line   | C  | n-line                                    |                         |                 | On-  | line  |   |  |  |  |  |
| ## STA-3/4    STA-3/4   | THECOMES  LAY Instrumed Col  Mark Instrumed Co | 3   | 65-day Inf<br>65-day Ou | low tflow       | tions - Entire ST<br>28-day Inflow<br>28-day Outflow<br>13 POR FWM | POR II  | nflow<br>Outflow                                |  |  |  |  |
| Moving 365-day Flows - Entire STA POR  Inflow Outflow POR Inflow  POR ave. inflow (ac-ft) = 455,083 POR ave. outf  500,000  500,000 | v POR Outflow  | POR ave                                   | g 365-da                | ny TP Loads - 1 | Entire STA   | POR: 5/1/2                                    | 1004 - 4/30/2013<br>POR Outflow<br>1009 = 9,972 |  |  |  |  |
| 400,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |  | (Sb) 50,000 40,000 40,000 20,000 10,000 0 | ÷                       | 5 ,12           | ,nh ,nh  |   |   |  |  |  |  |

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| WEEKLY STA PERFORMANCE SUMMARY  |  |        |                |            |            |            |            |            |            |            |  |
|---|--|--------|----------------|------------|------------|------------|------------|------------|------------|------------|--|
| PROJECT STA-  | -5/6 DATE 9/15/2014                              |        | LATEST DATA 9/ |            |            |            |            |            |            |            |  |
|   |  |        | Flow-way 1     | Flow-way 2 | Flow-way 3 | Flow-way 4 | Flow-way 5 | Flow-way 6 | Flow-way 7 | Flow-way 8 |  |
|   | Inflow Volume (ac-ft)                            | 68,779 | 16,870         | 15,670     | 9,100      | 7,073      | 1,863      | 12,174     | 4,390      | 1,779      |  |
|   | Inflow Load (kg)                                 | 18,040 | 3,829          | 4,697      | 2,373      | 2,507      | 852        | 2,294      | 878        | 194        |  |
| 365-day Values  | Inflow Flow-weighted Mean Conc (ppb)             | 213    | 184            | 243        | 211        | 287        | 371        | 153        | 162        | 88         |  |
| 303 day varues  | Outflow Volume (ac-ft)                           | 70,009 | 13,400         | 17,771     | 5,426      | 8,340      | 3,624      | 16,293     | 3,361      | 1,794      |  |
|   | Outflow Load (kg)                                | 2,766  | 438            | 440        | -          | 315        | 133        | 741        | 390        | 83         |  |
|   | Outflow Flow-weighted Mean Conc (ppb)            | 32     | 27             | 20         | 34         | 31         | 30         | 37         | 94         | 37         |  |
|   | 365-day load reduction (kg)                      |        | 3,391          | 4,257      | 2,147      | 2,192      | 719        |            | 488        | 111        |  |
|   | Inflow Volume (ac-ft)                            | 11,227 | 2,841          | 1,780      | 4,043      | 555        | 298        | 1,532      | 823        | 186        |  |
|   | Inflow Load (kg)                                 | 2,354  | 482            | 382        | 1,059      | 139        | 89         | 293        | 155        | 28         |  |
| 28-day Values   | Inflow Flow-weighted Mean Conc (ppb)             | 170    | 137            | 174        | 212        | 204        | 241        | 155        | 152        | 122        |  |
| 20 day values   | Outflow Volume (ac-ft)                           | 9,306  | 1,680          | 2,248      | 2,832      | 799        | 725        | 325        | 528        | 168        |  |
|   | Outflow Load (kg)                                | 334.2  | 55             | 56         | 125        | 31         | 26         | 15         | 21         | 6          |  |
|   | Outflow Flow-weighted Mean Conc (ppb)            | 29     | 27             | 20         |            |            | 29         | 37         | 32         | 27         |  |
|   | Inflow Volume (ac-ft)                            | 3,469  | 1,070          | 921        | 1,701      | 297        | 140        | 379        | no flow    | no flow    |  |
| 7-day Values  | Inflow Flow-weighted Mean Conc (ppb)             | 135    | 103            | 180        |            | 160        | 237        | 135        | no flow    | no flow    |  |
|   | Outflow Volume (ac-ft)                           | 4,226  | 1,156          | 1,219      | 1,913      | 422        | 431        | N/A        | no flow    | no flow    |  |
|   | Outflow Flow-weighted Mean Conc (ppb)            | 28     | 26             | 19         | 37         | 32         | 28         | N/A        | no flow    | no flow    |  |
|   | 365-day phosphorus loading rate (g/m²/yr)        |        |                | 0.6        | 0.3        | 0.3        | 0.1        | 0.3        | 0.3        | 0.2        |  |
| 6-month trend in o  | outflow TP concentration (- means decrease; ppb) | 9      | 11             | 2          | 0          | 2          | 1          | -84        | 87         | 8          |  |
| Inflows to Rotenberger over the last 365 days Volume (ac-ft) 18,047 TP Load (kg) 362 TP Conc 16 |  |        |                |            |            |            |            |            |            |            |  |

Flow-Way Information (Research projects, stage-duration, vegetation, etc.) Flow-way 4 Flow-way 1 Flow-way 2 Flow-way 6 Flow-way 3 Flow-way 5 Flow-way 7 Flow-way 8 On-line On-line On-line On-line On-line On-line On-line On-line Operations currently Operations currently constrained due to species protected by the ESA/MBTA constrained due to species protected by the ESA/MBTA



The data provided in this summary report were developed using a combination of provisional and quality-assured flow and water quality data. In some cases, best professional judgment was used to estimate missing data or revise questionable data. Values provided are not considered final, but are appropriate for use in STA operational decision-making. The PLRs being reported on the weekly sheets are adjusted to account for length of time and/or treatment area offline.