

## **Appendix 3-2g: Total Phosphorus Water Quality Data for Everglades Stormwater Program Basins**

## A-1. ACME Improvement District Basin

**Table A-1a.** Historic summary of total phosphorus (TP) (ppb) at “into” structures.

| Period of Record                               | L40-1<br>ACME1DS<br>VOW1<br>arithmetic<br>average<br>(grab) | L40-1<br>ACME1DS<br>VOW1<br>flow-weighted<br>mean conc. | L40-2<br>G94D<br>VOW2<br>arithmetic<br>average<br>(grab) | L40-2<br>G94D<br>VOW2<br>flow-weighted<br>mean conc. |
|------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Water Year 1998<br>(May 97-April 98) Grab      | 62                                                          | 79                                                      | 82                                                       | 104                                                  |
| Water Year 1999<br>(May 98-April 99) Grab      | 100                                                         | 138                                                     | 121                                                      | 144                                                  |
| Water Year 2000<br>(May 99-April 00) Grab      | 105                                                         | 130                                                     | 109                                                      | 122                                                  |
| Water Year 2001<br>(May 00-April 01) Grab/Comp | 57                                                          | 65                                                      | 87                                                       | 104                                                  |
| Water Year 2002<br>(May 01-April 02) Grab/Comp | 80                                                          | 90                                                      | 142                                                      | 155                                                  |
| Water Year 2003<br>(May 02-April 03) Grab/Comp | 69                                                          | 83                                                      | 143                                                      | 108                                                  |
| Water Year 2004<br>(May 03-April 04) Grab/Comp | 78                                                          | 76                                                      | 94                                                       | 98                                                   |

Note: Sampling locations changed from L40-1, L40-2 in WY1998 to Acme1DS, G94D in WY1999-WY2000 and are currently VOW1, VOW2.

**Table A-1b.** Upstream monitoring sites: summary of TP data (ppb).

[illegible]

Table A-1b. Continued.

[illegible]

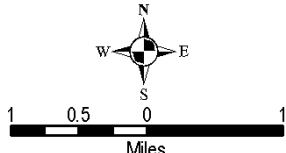
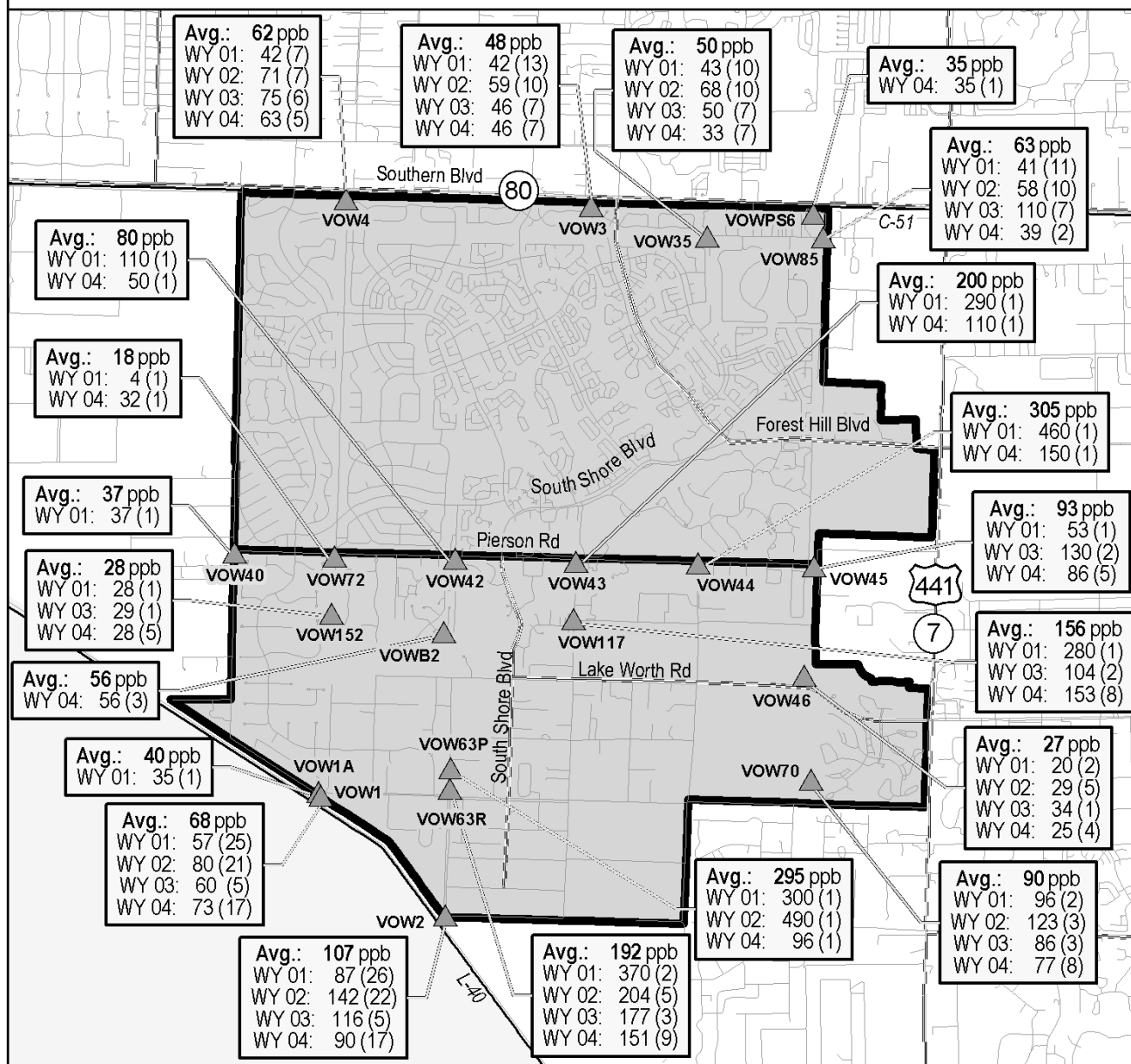
Table A-1b. Continued.

[illegible]

**Table A-1b.** Continued.

| <u>Village of</u><br><u>Wellington</u> | VOW1      | VOW1A     | VOW2       | VOW3      | VOW4      | VOWP56    | VOW117     | VOW152    | VOW35     | VOW40     | VOW42      | VOW43      | VOW44      | VOW45      | VOW46     | VOW63P     | VOW63R     | VOW70      | VOW72     | VOW85      | VOWB2     |
|----------------------------------------|-----------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|------------|------------|------------|-----------|------------|-----------|
| 9/26/2003                              | 73        |           | 100        | 36        |           |           | 120        |           | 25        |           |            |            |            | 75         |           |            | 130        | 83         |           |            |           |
| 11/5/2003                              | 220       |           | 71         | 33        |           |           | 130        |           | 22        |           |            |            |            | 57         |           |            | 220        |            |           |            |           |
| 11/6/2003                              | 63        |           | 69         |           | 49        |           |            | 43        |           |           |            |            |            |            |           |            |            |            |           |            |           |
| 12/11/2003                             | 34        |           | 40         | 16        |           |           | 64         | 20        | 18        |           |            |            |            |            |           |            | 99         | 41         |           |            | 54        |
| 12/19/2003                             | 62        |           | 100        |           |           |           |            |           |           |           |            |            |            |            |           |            |            |            |           |            |           |
| 12/31/2003                             | 54        |           | 59         |           |           |           |            |           |           |           |            |            |            |            |           |            |            |            |           |            |           |
| 1/30/2004                              | 38        |           | 40         |           |           |           |            |           |           |           |            |            |            |            |           |            |            |            |           |            |           |
| 2/1/2004                               | 49        |           | 61         |           | 37        | 35        | 210        | 23        |           |           | 50         | 110        | 150        | 95         |           | 96         | 110        | 58         | 32        |            | 60        |
| 2/17/2004                              | 34        |           | 56         |           |           |           |            |           |           |           |            |            |            |            |           |            |            |            |           |            |           |
| 2/26/2004                              | 64        |           | 92         |           |           |           | 190        | 27        |           |           |            |            |            |            |           |            | 170        | 110        |           |            | 53        |
| <b>Average</b>                         | <b>68</b> | <b>40</b> | <b>107</b> | <b>48</b> | <b>62</b> | <b>35</b> | <b>156</b> | <b>28</b> | <b>50</b> | <b>37</b> | <b>80</b>  | <b>200</b> | <b>305</b> | <b>93</b>  | <b>27</b> | <b>295</b> | <b>192</b> | <b>90</b>  | <b>18</b> | <b>63</b>  | <b>56</b> |
| N                                      | 68        | 1         | 70         | 37        | 25        | 1         | 11         | 7         | 34        | 1         | 2          | 2          | 2          | 8          | 12        | 3          | 19         | 16         | 2         | 30         | 3         |
| <b>Water Years (May 1 to April 30)</b> |           |           |            |           |           |           |            |           |           |           |            |            |            |            |           |            |            |            |           |            |           |
| <b>WY 01</b>                           | <b>57</b> | <b>40</b> | <b>87</b>  | <b>42</b> | <b>42</b> |           | <b>280</b> | <b>28</b> | <b>43</b> | <b>37</b> | <b>110</b> | <b>290</b> | <b>460</b> | <b>53</b>  | <b>20</b> | <b>300</b> | <b>370</b> | <b>96</b>  | <b>4</b>  | <b>41</b>  |           |
| N                                      | 25        | 1         | 26         | 13        | 7         | 0         | 1          | 1         | 10        | 1         | 1          | 1          | 1          | 1          | 2         | 1          | 2          | 2          | 1         | 11         | 0         |
| <b>WY 02</b>                           | <b>80</b> |           | <b>142</b> | <b>59</b> | <b>71</b> |           |            |           | <b>68</b> |           |            |            |            |            | <b>29</b> | <b>490</b> | <b>204</b> | <b>123</b> |           | <b>58</b>  |           |
| N                                      | 21        | 0         | 22         | 10        | 7         | 0         | 0          | 0         | 10        | 0         | 0          | 0          | 0          | 0          | 5         | 1          | 5          | 3          | 0         | 10         | 0         |
| <b>WY 03</b>                           | <b>60</b> |           | <b>116</b> | <b>46</b> | <b>75</b> |           | <b>104</b> | <b>29</b> | <b>50</b> |           |            |            |            | <b>130</b> | <b>34</b> |            | <b>177</b> | <b>86</b>  |           | <b>110</b> |           |
| N                                      | 5         | 0         | 5          | 7         | 6         | 0         | 2          | 1         | 7         | 0         | 0          | 0          | 0          | 2          | 1         | 0          | 3          | 3          | 0         | 7          | 0         |
| <b>WY 04</b>                           | <b>73</b> |           | <b>90</b>  | <b>46</b> | <b>63</b> | <b>35</b> | <b>153</b> | <b>28</b> | <b>33</b> |           | <b>50</b>  | <b>110</b> | <b>150</b> | <b>86</b>  | <b>25</b> | <b>96</b>  | <b>151</b> | <b>77</b>  | <b>32</b> | <b>39</b>  | <b>56</b> |
| N                                      | 17        | 0         | 17         | 7         | 5         | 1         | 8          | 5         | 7         | 0         | 1          | 1          | 1          | 5          | 4         | 1          | 9          | 8          | 1         | 2          | 3         |

# ACME Improvement District Total Phosphorus (TP) Monitoring Results



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This map is a conceptual tool utilized for project development only. This map is not self-executing or binding, and does not otherwise affect the interests of any persons including any vested rights or existing uses of real property.

## Map Legend

- Monitoring Sites
- Canals
- Roads
- ACME Improvement District Basin Boundaries

## Data Legend

**A:N**  
**WY: TP (N)**

A:N= Average TP Concentration (ppb) for Period of Record  
WY= Water Year (May 1 through April 30)  
TP= Average TP Concentration for Water Year  
(N)= Sample Size for Water Year

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**Figure A-1. Upstream monitoring sites: summary of TP data (ppb).**

## A-2. North Springs Improvement District Basin

**Table A-2a.** Historic summary of TP (ppb) at “into” structure.

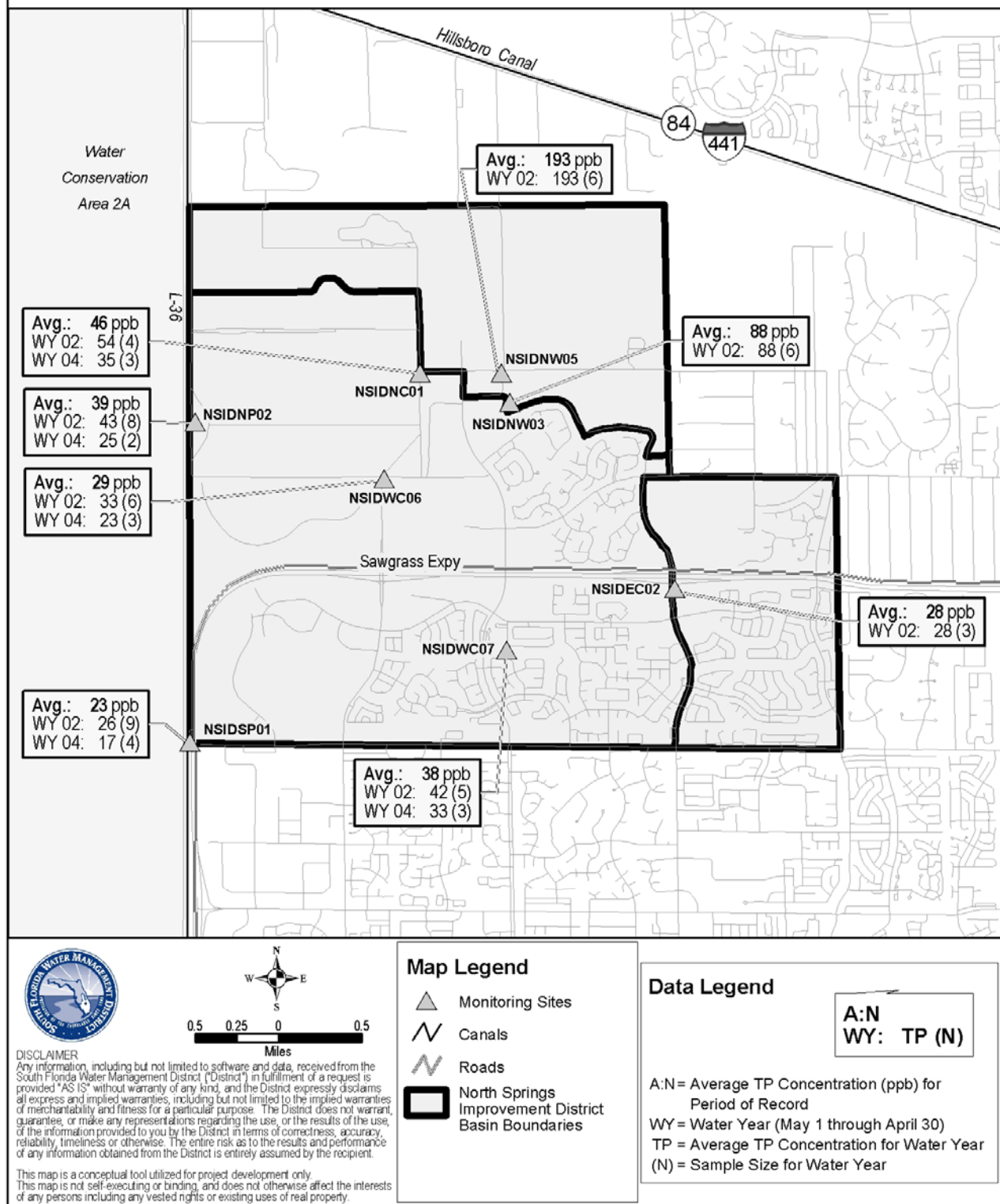
| Period of Record                            | NSID1<br>(NSIDSP01)<br>arithmetic<br>average<br>(grab) | NSID1<br>(NSIDSP01)<br>flow-weighted<br>mean conc. |
|---------------------------------------------|--------------------------------------------------------|----------------------------------------------------|
| Water Year 1998 (May 97–April 98) Grab      | 24                                                     | 28                                                 |
| Water Year 1999 (May 98–April 99) Grab      | 18                                                     | 18                                                 |
| Water Year 2000 (May 99–April 00) Grab      | 32                                                     | 36                                                 |
| Water Year 2001 (May 00–April 01) Grab      | 14                                                     | 16                                                 |
| Water Year 2002 (May 01–April 02) Grab      | 20                                                     | ND                                                 |
| Water Year 2003 (May 02–April 03) Grab/Comp | 29                                                     | ND                                                 |
| Water Year 2004 (May 03–April 04) Grab/Comp | 18                                                     | NF                                                 |

Note: ND= No TP Data; NF= No Flow Data

**Table A-2b.** Upstream monitoring sites: summary of TP data (ppb).

| <u>North Springs</u><br><u>Improvement District</u> | NSIDEC02       | NSIDNC01       | NSIDNP02        | NSIDNW03       | NSIDNW05        | NSIDSP01        | NSIDWC06       | NSIDWC07       |
|-----------------------------------------------------|----------------|----------------|-----------------|----------------|-----------------|-----------------|----------------|----------------|
| 6/26/2001                                           |                |                | 32              | 27             | 122             |                 | 30             | 38             |
| 7/25/2001                                           |                |                | 48              | 26             | 172             | 22              | 35             | 48             |
| 8/3/2001                                            |                |                |                 |                |                 | 29              |                |                |
| 9/12/2001                                           |                |                |                 |                |                 | 25              |                |                |
| 9/13/2001                                           | 27             | 35             | 42              | 130            | 91              | 24              | 28             | 39             |
| 9/14/2001                                           |                |                |                 |                |                 | 34              |                |                |
| 9/27/2001                                           |                |                | 42              |                |                 | 29              |                |                |
| 9/28/2001                                           | 31             | 75             | 41              | 74             | 271             | 24              | 33             | 41             |
| 10/22/2001                                          |                | 33             | 49              | 135            | 265             | 21              | 39             |                |
| 11/6/2001                                           | 25             | 73             | 54              | 135            | 235             | 24              | 31             | 43             |
| 3/8/2002                                            |                |                | 36              |                |                 |                 |                |                |
| 8/11/2003                                           |                | 42             |                 |                |                 | 19              | 28             | 40             |
| 8/27/2003                                           |                | 34             | 27              |                |                 |                 | 23             | 34             |
| 9/26/2003                                           |                | 28             | 22              |                |                 | 12              | 18             | 24             |
| 1/12/2004                                           |                |                |                 |                |                 | 19              |                |                |
| 4/26/2004                                           |                |                |                 |                |                 | 16              |                |                |
| <b>Average</b><br>N                                 | <b>28</b><br>3 | <b>46</b><br>7 | <b>39</b><br>10 | <b>88</b><br>6 | <b>193</b><br>6 | <b>23</b><br>13 | <b>29</b><br>9 | <b>38</b><br>8 |
| <b>Water Years (May 1 to April 30)</b>              |                |                |                 |                |                 |                 |                |                |
| <b>WY 02</b><br>N                                   | <b>28</b><br>3 | <b>54</b><br>4 | <b>43</b><br>8  | <b>88</b><br>6 | <b>193</b><br>6 | <b>26</b><br>9  | <b>33</b><br>6 | <b>42</b><br>5 |
| <b>WY 04</b><br>N                                   |                | <b>35</b><br>3 | <b>25</b><br>2  |                |                 | <b>17</b><br>4  | <b>23</b><br>3 | <b>33</b><br>3 |

# North Springs Improvement District Basin Total Phosphorus (TP) Monitoring Results



**Figure A-2.** Upstream monitoring sites: summary of TP data (ppb).

**A-3. C-11 West Basin****Table A-3a.** Historic summary of TP (ppb) at “into” structures.

| <b>Period of Record</b>                         | <b>S-9<br/>arithmetic<br/>average<br/>(grab)</b> | <b>S-9<br/>flow-<br/>weighted<br/>mean conc.</b> | <b>S-9A<br/>arithmetic<br/>average<br/>(grab)</b> | <b>S-9A<br/>flow-<br/>weighted<br/>mean conc.</b> |
|-------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Water Year 1998<br>(May 97–April 98) Grab/Comp  | 13                                               | 17                                               |                                                   |                                                   |
| Water Year 1999<br>(May 98–April 99) Grab/Comp  | 14                                               | 19                                               |                                                   |                                                   |
| Water Year 2000<br>(May 99–April 00) Grab/Comp  | 16                                               | 26                                               |                                                   |                                                   |
| Water Year 2001<br>(May 00–April 01) Grab/Comp  | 18                                               | 23                                               |                                                   |                                                   |
| Water Year 2002<br>(May 01–April 02) Grab/Comp  | 17                                               | 19                                               |                                                   |                                                   |
| Water Year 2003<br>(May 02–April 03) Grab/ Comp | 17                                               | 17                                               |                                                   |                                                   |
| Water Year 2004<br>(May 03–April 04) Grab/ Comp | 15                                               | 18                                               | 14                                                | 13                                                |

**Table A-3b.** Upstream monitoring sites: summary of TP data (ppb).

| <u>South Broward</u>                   |           |           |            |           |           |            |            |            |            |           |           |           |           |           |           |           |           |            |           |           |
|----------------------------------------|-----------|-----------|------------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|
| <u>Drainage District</u>               | C110.0TS1 | C1100.8TS | C1101.0TS  | C1101.3TS | C1102.0TS | C1102.1TS  | C1102.8TS  | C1103.3TS  | C1103.5TS  | C1104.3TS | C1104.6TS | C1104.9TS | C111.3TS1 | C112.0TS1 | C112.0TS2 | C112.8TS1 | C112.8TS2 | C113.3TS1  | C114.3TS1 | C114.9TS1 |
| 7/14/2000                              |           | 7         |            | 15        | 19        |            | 108        | 119        |            |           | 27        | 40        |           |           |           | 13        |           |            |           |           |
| 7/28/2000                              |           |           |            |           |           |            | 22         |            |            | 24        |           |           |           |           |           | 12        |           |            |           |           |
| 8/3/2000                               | 13        | 8         |            | 21        | 17        |            | 29         | 121        |            | 20        |           |           |           | 20        |           |           |           |            |           |           |
| 3/20/2001                              |           |           |            |           | 34        |            | 90         |            |            |           |           |           |           |           |           |           |           |            |           |           |
| 5/25/2001                              |           | 7         | 648        | 46        | 50        | 630        | 139        | 138        |            | 111       | 23        | 101       |           |           |           |           |           |            |           |           |
| 6/26/2001                              |           | 8         |            | 15        | 33        |            | 35         | 190        |            |           | 19        | 50        |           |           |           |           |           |            |           |           |
| 7/11/2001                              | 22        | 8         | 170        | 17        | 27        | 200        | 45         | 220        | 51         | 34        | 23        | 73        |           | 14        |           | 11        |           |            | 13        |           |
| 8/2/2001                               | 18        |           | 280        |           |           |            |            | 160        |            | 28        |           |           |           | 20        |           | 12        |           |            |           |           |
| 9/10/2001                              |           |           |            |           |           |            |            |            |            |           |           |           |           | 31        |           |           |           |            |           |           |
| 10/1/2001                              |           |           |            |           |           |            |            | 130        |            |           |           |           |           |           |           |           |           |            |           |           |
| 10/22/2001                             | 20        | 2         | 660        | 13        | 11        | 300        | 33         | 140        |            | 32        | 13        | 26        |           | 2         |           | 2         |           |            | 13        |           |
| 11/5/2001                              | 14        | 6         | 180        | 8         | 10        |            | 13         | 54         |            | 39        | 13        | 18        |           | 10        |           | 6         |           |            | 10        |           |
| 2/11/2002                              | 2         | 5         |            | 10        | 10        |            | 19         | 14         |            |           | 9         | 16        |           | 10        |           | 10        |           |            | 13        |           |
| 5/20/2002                              | 27        | 3         |            | 25        | 16        |            | 22         | 24         | 20         |           |           |           |           | 18        |           | 11        |           |            | 21        |           |
| 6/14/2002                              | 20        | 2         | 310        | 290       | 2         |            | 51         | 87         | 230        |           |           |           |           | 12        |           | 6         |           |            | 26        |           |
| 7/18/2002                              |           |           |            | 13        | 8         |            | 30         | 100        |            |           | 23        | 51        | 8         |           | 13        |           | 19        | 170        |           | 41        |
| 8/23/2002                              |           |           |            | 11        | 12        | 270        | 33         | 110        |            |           | 16        | 33        | 15        |           | 16        |           | 10        | 320        |           | 44        |
| 9/12/2002                              |           |           |            | 16        | 15        |            | 22         | 71         |            | 17        | 16        | 37        | 15        |           | 13        |           | 38        | 250        |           | 23        |
| 12/9/2002                              |           |           | 540        | 17        | 26        |            | 23         | 250        |            | 15        | 15        | 17        | 20        |           | 14        |           | 56        |            |           | 39        |
| 5/14/2003                              |           |           | 120        |           |           |            | 180        | 92         |            |           |           |           |           |           |           |           | 95        | 370        |           | 56        |
| 5/28/2003                              |           |           | 630        | 33        | 88        | 540        | 210        | 300        | 140        | 120       | 30        | 140       | 26        |           | 45        |           | 65        | 120        |           | 210       |
| 8/21/2003                              |           |           | 440        | 22        | 17        |            | 110        | 190        |            | 25        | 18        | 45        | 25        |           | 14        |           | 16        | 210        |           | 130       |
| 9/26/2003                              |           |           | 110        | 9         | 4         |            | 110        | 32         | 26         | 24        | 5         | 17        | 10        |           | 4         |           | 42        | 340        |           | 20        |
| 11/3/2003                              |           |           | 1100       | 16        | 12        |            | 40         | 45         |            | 21        | 14        | 32        | 22        |           | 11        |           | 25        | 590        |           | 59        |
| <b>Average</b>                         | <b>17</b> | <b>6</b>  | <b>432</b> | <b>33</b> | <b>22</b> | <b>388</b> | <b>65</b>  | <b>123</b> | <b>93</b>  | <b>39</b> | <b>18</b> | <b>46</b> | <b>18</b> | <b>15</b> | <b>16</b> | <b>9</b>  | <b>41</b> | <b>296</b> | <b>16</b> | <b>69</b> |
| N                                      | 8         | 10        | 12         | 18        | 19        | 5          | 21         | 21         | 5          | 13        | 15        | 15        | 8         | 9         | 8         | 9         | 9         | 8          | 6         | 9         |
| <b>Water Years (May 1 to April 30)</b> |           |           |            |           |           |            |            |            |            |           |           |           |           |           |           |           |           |            |           |           |
| <b>WY01</b>                            | <b>13</b> | <b>8</b>  |            | <b>18</b> | <b>23</b> |            | <b>62</b>  | <b>120</b> |            | <b>22</b> | <b>27</b> | <b>40</b> |           | <b>20</b> |           | <b>13</b> |           |            |           |           |
| N                                      | 1         | 2         |            | 2         | 3         |            | 4          | 2          |            | 2         | 1         | 1         |           | 1         |           | 2         |           |            |           |           |
| <b>WY 02</b>                           | <b>15</b> | <b>6</b>  | <b>388</b> | <b>18</b> | <b>23</b> | <b>377</b> | <b>47</b>  | <b>131</b> | <b>51</b>  | <b>49</b> | <b>17</b> | <b>47</b> |           | <b>14</b> |           | <b>8</b>  |           |            | <b>12</b> |           |
| N                                      | 5         | 6         | 5          | 6         | 6         | 3          | 6          | 8          | 1          | 5         | 6         | 6         |           | 6         |           | 5         |           |            | 4         |           |
| <b>WY 03</b>                           | <b>24</b> | <b>3</b>  | <b>425</b> | <b>62</b> | <b>13</b> | <b>270</b> | <b>30</b>  | <b>107</b> | <b>125</b> | <b>16</b> | <b>18</b> | <b>35</b> | <b>14</b> | <b>15</b> | <b>14</b> | <b>9</b>  | <b>31</b> | <b>247</b> | <b>24</b> | <b>37</b> |
| N                                      | 2         | 2         | 2          | 6         | 6         | 1          | 6          | 6          | 2          | 2         | 4         | 4         | 4         | 2         | 4         | 2         | 4         | 3          | 2         | 4         |
| <b>WY 04</b>                           |           |           | <b>480</b> | <b>20</b> | <b>30</b> | <b>540</b> | <b>130</b> | <b>132</b> | <b>83</b>  | <b>48</b> | <b>17</b> | <b>59</b> | <b>21</b> |           | <b>19</b> |           | <b>49</b> | <b>326</b> |           | <b>95</b> |
| N                                      |           |           | 5          | 4         | 4         | 1          | 5          | 5          | 2          | 4         | 4         | 4         | 4         |           | 4         |           | 5         | 5          |           | 5         |

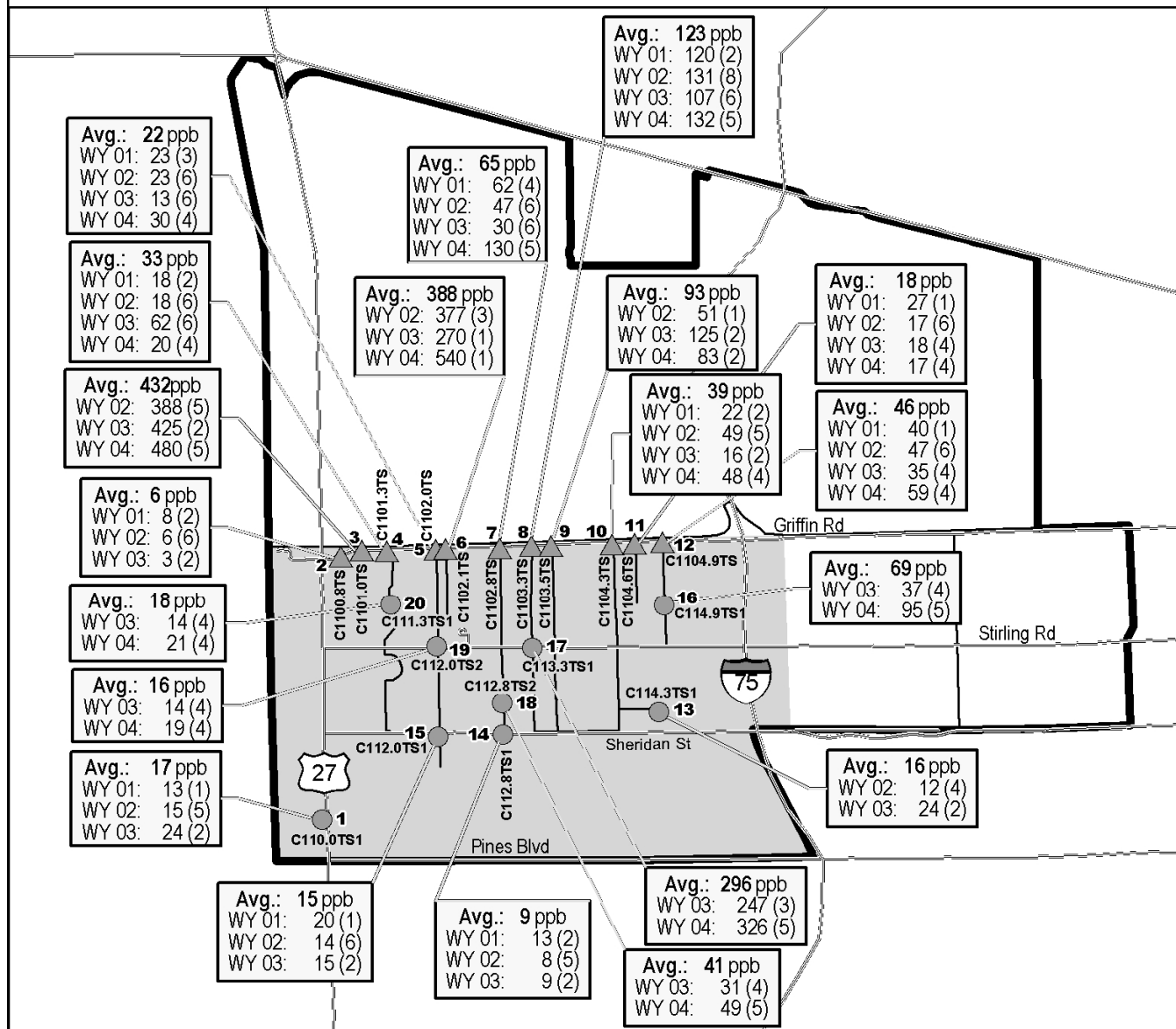
**Table A-3c.** Upstream monitoring sites: summary of TP data (ppb).

| <u>Central Broward</u><br><u>Water Control District</u> | C1105.40TN | C1106.30TN | C1106.3TN1 | C1107.50TN | C1107.50TS | C1108.50TN | C1108.50TS | C1109.00TN | C1109.00TS | C1109.0TN1 | C1109.30TS | C1109.60TN | C1110.10TN | C1110.60TS |
|---------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 7/27/2000                                               | 35         | 94         |            | 113        |            | 48         |            | 59         |            |            |            | 28         | 25         | 42         |
| 7/28/2000                                               |            |            |            |            | 17         |            | 28         |            | 195        |            | 16         |            |            |            |
| 10/4/2000                                               | 59         | 151        |            | 94         |            | 164        |            | 312        | 94         |            |            |            |            | 172        |
| 3/20/2001                                               |            | 99         |            | 38         |            |            |            |            |            |            |            |            | 11         |            |
| 5/4/2001                                                | 16         | 78         |            | 92         | 12         | 35         | 16         | 66         | 15         |            |            | 98         | 16         | 17         |
| 5/24/2001                                               |            | 101        |            |            |            |            |            | 89         |            |            |            | 27         | 23         |            |
| 5/25/2001                                               | 16         |            |            | 35         | 12         | 54         | 18         |            | 28         |            | 14         |            |            | 18         |
| 6/29/2001                                               | 12         | 84         |            | 18         | 21         | 41         | 11         |            | 22         |            | 8          | 17         | 19         | 14         |
| 7/11/2001                                               | 24         | 93         |            | 30         | 14         | 57         | 28         |            | 59         |            | 17         | 21         | 14         | 17         |
| 8/3/2001                                                | 22         | 83         |            | 61         | 17         | 81         | 120        | 22         | 23         |            | 20         | 39         | 42         | 17         |
| 9/7/2001                                                | 5          | 16         |            | 9          | 2          |            | 11         | 11         | 7          |            | 6          | 2          | 2          | 2          |
| 10/23/2001                                              | 42         | 75         |            | 41         | 15         | 54         | 9          | 120        | 8          |            | 87         | 53         | 29         | 37         |
| 5/20/2002                                               | 11         | 40         |            | 21         | 4          | 27         | 20         | 19         | 23         |            | 13         | 4          | 8          | 22         |
| 7/19/2002                                               | 2          | 44         |            | 13         | 6          | 6          | 15         | 16         | 6          |            | 5          | 13         | 43         | 23         |
| 8/27/2002                                               | 19         | 13         |            | 32         | 14         |            | 22         | 22         | 19         |            | 12         | 20         | 19         | 9          |
| 9/13/2002                                               | 18         | 28         |            | 19         | 17         |            | 24         | 24         | 19         |            | 12         | 22         | 19         | 28         |
| 12/10/2002                                              | 13         | 52         |            | 13         | 8          | 23         | 13         | 18         | 9          |            | 44         | 16         | 10         | 13         |
| 3/28/2003                                               | 9          | 37         | 13         | 14         |            | 14         | 14         | 18         | 12         | 28         |            | 16         | 13         | 11         |
| 5/23/2003                                               | 15         | 69         | 50         | 34         |            | 27         | 18         | 27         | 25         | 56         |            | 29         | 11         | 15         |
| 8/21/2003                                               | 16         | 79         | 23         | 30         |            | 52         | 18         | 62         |            | 65         |            | 43         | 22         | 21         |
| 9/30/2003                                               | 10         | 71         | 16         | 15         |            | 23         | 7          | 30         | 65         | 30         |            | 17         | 25         | 31         |
| 11/7/2003                                               | 8          | 85         | 19         | 20         |            | 56         | 14         | 18         |            |            |            | 24         | 13         | 43         |
| <b>Average</b>                                          | <b>19</b>  | <b>70</b>  | <b>24</b>  | <b>37</b>  | <b>12</b>  | <b>48</b>  | <b>23</b>  | <b>55</b>  | <b>37</b>  | <b>45</b>  | <b>21</b>  | <b>27</b>  | <b>19</b>  | <b>29</b>  |
| N                                                       | 19         | 20         | 5          | 20         | 13         | 16         | 18         | 17         | 17         | 4          | 12         | 18         | 19         | 19         |
| <b>Water Years (May 1 to April 30)</b>                  |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| <b>WY 01</b>                                            | <b>47</b>  | <b>115</b> |            | <b>82</b>  | <b>17</b>  | <b>106</b> | <b>28</b>  | <b>186</b> | <b>145</b> |            | <b>16</b>  | <b>28</b>  | <b>18</b>  | <b>107</b> |
| N                                                       | 2          | 3          | 0          | 3          | 1          | 2          | 1          | 2          | 2          | 0          | 1          | 1          | 2          | 2          |
| <b>WY 02</b>                                            | <b>20</b>  | <b>76</b>  |            | <b>41</b>  | <b>13</b>  | <b>54</b>  | <b>30</b>  | <b>62</b>  | <b>23</b>  |            | <b>25</b>  | <b>37</b>  | <b>21</b>  | <b>17</b>  |
| N                                                       | 7          | 7          | 0          | 7          | 7          | 6          | 7          | 5          | 7          | 0          | 6          | 7          | 7          | 7          |
| <b>WY 03</b>                                            | <b>12</b>  | <b>36</b>  | <b>13</b>  | <b>19</b>  | <b>10</b>  | <b>17</b>  | <b>18</b>  | <b>20</b>  | <b>15</b>  | <b>28</b>  | <b>17</b>  | <b>15</b>  | <b>19</b>  | <b>18</b>  |
| N                                                       | 6          | 6          | 1          | 6          | 5          | 4          | 6          | 6          | 6          | 1          | 5          | 6          | 6          | 6          |
| <b>WY 04</b>                                            | <b>12</b>  | <b>76</b>  | <b>27</b>  | <b>25</b>  |            | <b>40</b>  | <b>14</b>  | <b>34</b>  | <b>45</b>  | <b>50</b>  |            | <b>28</b>  | <b>18</b>  | <b>28</b>  |
| N                                                       | 4          | 4          | 4          | 4          | 0          | 4          | 4          | 4          | 2          | 3          | 0          | 4          | 4          | 4          |

**Table A-3d.** Upstream monitoring sites: summary of TP data (ppb).

| <u>Indian Trace</u><br><u>Drainage District</u> | C1101.0TN | C1101.5TN | C1102.1TN | C1102.7TN | C1104.3TN | C111.7TN1 |
|-------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 10/4/2000                                       |           |           | 53        | 29        | 23        |           |
| 5/24/2001                                       |           |           |           | 21        | 21        |           |
| 8/2/2001                                        | 25        | 9         | 21        | 26        | 15        |           |
| 9/14/2001                                       | 20        | 12        | 16        | 18        | 13        | 11        |
| 10/23/2001                                      | 14        | 8         | 19        | 21        | 14        | 9         |
| 2/12/2002                                       | 7         | 7         | 8         | 14        | 11        | 7         |
| 5/20/2002                                       | 11        | 12        | 14        | 21        | 18        | 11        |
| 8/5/2002                                        | 6         | 8         | 57        | 31        | 14        | 9         |
| 9/12/2002                                       |           |           | 28        | 19        | 17        |           |
| 10/16/2002                                      |           |           | 35        | 21        |           |           |
| 11/18/2002                                      | 8         | 9         | 31        | 41        | 16        | 12        |
| 3/17/2003                                       |           |           | 15        | 13        | 18        |           |
| 3/19/2003                                       | 7         | 7         | 16        | 18        | 14        | 11        |
| 4/28/2003                                       |           |           | 21        | 18        | 12        |           |
| 5/23/2003                                       | 9         | 7         | 27        | 25        | 16        | 10        |
| 6/10/2003                                       |           |           | 58        | 39        | 15        |           |
| 8/14/2003                                       | 6         | 7         | 23        | 19        | 12        | 11        |
| 8/21/2003                                       | 8         | 7         | 16        | 14        | 9         | 15        |
| 9/26/2003                                       |           |           | 6         | 14        | 5         |           |
| 9/29/2003                                       | 37        | 16        | 36        | 26        | 15        | 8         |
| 11/6/2003                                       | 30        | 9         | 21        | 15        | 14        | 9         |
| 2/2/2004                                        | 13        | 8         | 20        | 13        | 14        | 11        |
| 4/13/2004                                       |           |           | 15        |           | 21        |           |
| 4/14/2004                                       | 14        | 12        | 21        | 14        | 13        | 9         |
| <b>Average</b>                                  | <b>14</b> | <b>9</b>  | <b>25</b> | <b>21</b> | <b>15</b> | <b>10</b> |
| N                                               | 15        | 15        | 23        | 23        | 23        | 14        |
| <b>Water Years (May 1 to April 30)</b>          |           |           |           |           |           |           |
| <b>WY 01</b>                                    |           |           | <b>53</b> | <b>29</b> | <b>23</b> |           |
| N                                               |           |           | 1         | 1         | 1         |           |
| <b>WY 02</b>                                    | <b>17</b> | <b>9</b>  | <b>16</b> | <b>20</b> | <b>15</b> | <b>9</b>  |
| N                                               | 4         | 4         | 4         | 5         | 5         | 3         |
| <b>WY 03</b>                                    | <b>8</b>  | <b>9</b>  | <b>27</b> | <b>23</b> | <b>16</b> | <b>11</b> |
| N                                               | 4         | 4         | 8         | 8         | 7         | 4         |
| <b>WY 04</b>                                    | <b>17</b> | <b>9</b>  | <b>24</b> | <b>20</b> | <b>13</b> | <b>10</b> |
| N                                               | 7         | 7         | 10        | 9         | 10        | 7         |

# C-11 West Basin South Broward Drainage District Total Phosphorus (TP) Monitoring Results



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#### Map Legend

- Upstream Monitoring Sites
- ▲ Monitoring Sites
- ~ C-11 West Canals
- ~ Roads
- ▭ SBDD and Sub-Basin Boundaries

#### Data Legend

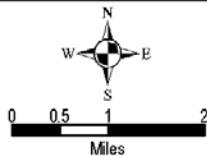
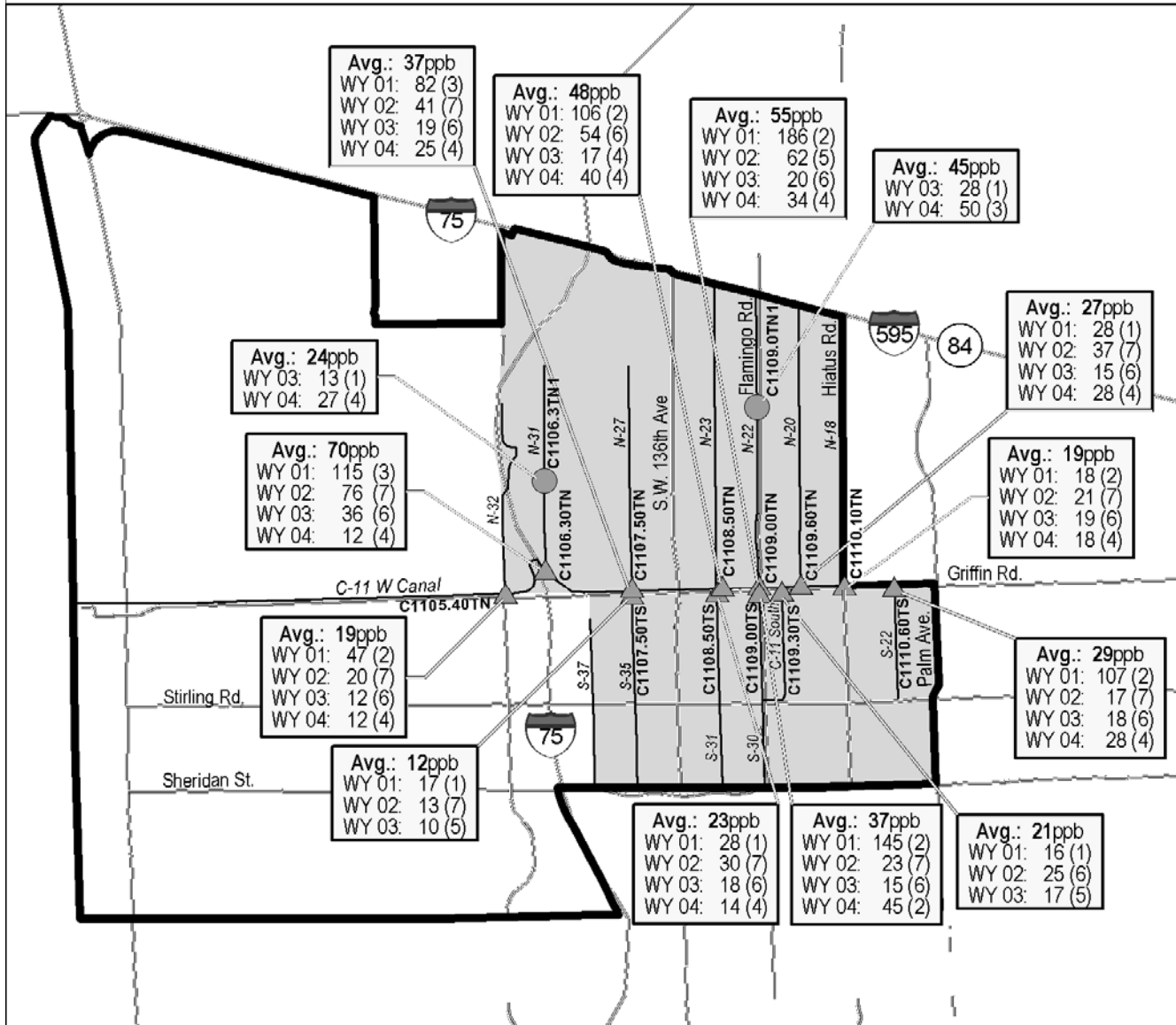
A:N  
WY: TP (N)

A:N = Average TP Concentration (ppb) for Period of Record  
WY = Water Year (May 1 through April 30)  
TP = Average TP Concentration for Water Year  
(N) = Sample Size for Water Year

ERRD/ERE 23-AUG-2004 CMISSAU \ha1-fs1\ed\_reg\ed\_gis\ever\_gis\EREG\_Update2004\mxfiles\c11w\_sbdd\_eregupdate2004\_JV04cm1.mxd

Figure A-3a. Upstream monitoring sites: summary of TP data (ppb).

# C-11 West Basin Central Broward Water Control District Total Phosphorus (TP) Monitoring Results



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## Map Legend

- Upstream Monitoring Sites
- ▲ Monitoring Sites
- ~ C-11 West Canals
- Roads
- ▭ CBWCD and Sub-Basin Boundaries

## Data Legend

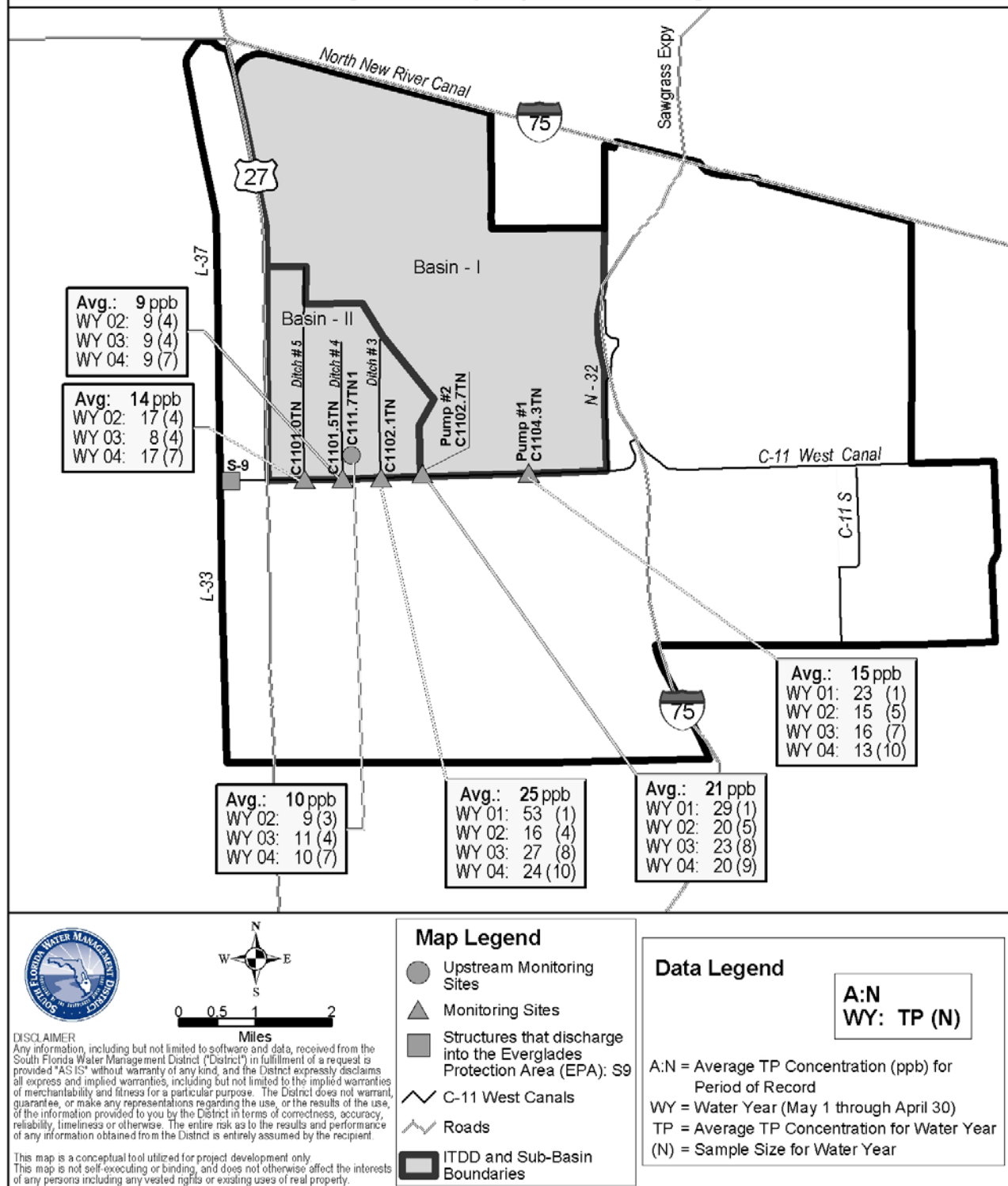
**A:N**  
**WY: TP (N)**

A:N = Average TP Concentration (ppb) for Period of Record  
WY = Water Year (May 1 through April 30)  
TP = Average TP Concentration for Water Year  
(N) = Sample Size for Water Year

ERRD/EREG 11-AUG-2004 CMISSAU \\ha1-fs1\ed\_reg\gis\ever\_gis\EREG\_Update2004\mxd\files\c11w\_cbwcd\_eregupdate2004\_JV04cm1.mxd

Figure A-3b. Upstream monitoring sites: summary of TP data (ppb).

# C-11 West Basin Indian Trace Development District Total Phosphorus (TP) Monitoring Results



ERRD/REG 28-JUL-2004 CMISSAU \\ha1-fs1\ed\_regled\_gis\ever\_gis\REG\_Update2004\mxdfiles\c11w\_itdd\_eregupdate2004\_cm1.mxd

**Figure A-3c.** Upstream monitoring sites: summary of TP data (ppb).

#### A-4. North New River Canal Basin

**Table A-4a.** Historic summary of TP (ppb) at “into” structure.

| Period of Record                            | G-123<br>arithmetic average<br>(grab) | G-123<br>flow-weighted<br>mean conc. |
|---------------------------------------------|---------------------------------------|--------------------------------------|
| Water Year 1998 (May 97-April 98) Grab      | 16                                    | 16                                   |
| Water Year 1999 (May 98-April 99) Grab      | 20                                    | ND                                   |
| Water Year 2000 (May 99-April 00) Grab      | 17                                    | ND                                   |
| Water Year 2001 (May 00-April 01) Grab/Comp | 12                                    | 13                                   |
| Water Year 2002 (May 01-April 02) Grab/Comp | 17                                    | 16                                   |
| Water Year 2003 (May 02-April 03) Grab/Comp | 23                                    | NF                                   |
| Water Year 2004 (May 03-April 04) Grab/Comp | 20                                    | 17                                   |

**Note:** ND= No TP Data; NF= No Flow Data

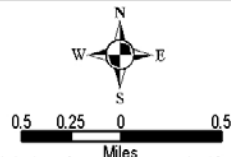
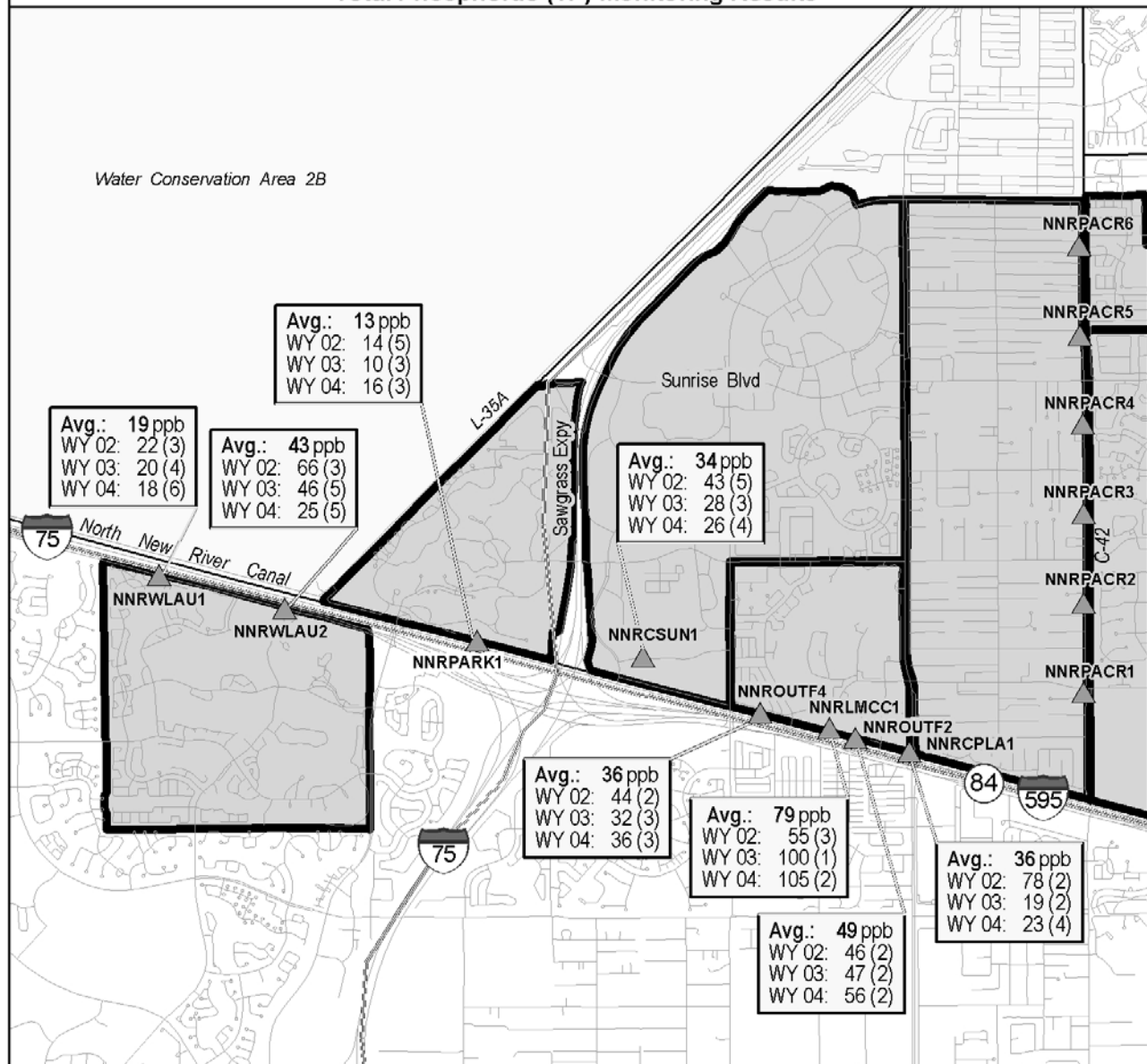
**Table A-4b.** Upstream monitoring sites: summary of TP data (ppb).

|                                        | NNRWLAU1  | NNRWLAU2  | NNRPARK1  | NNRCSUN1  | NNROUTF4  | NNRLMCC1   | NNROUTF2  | NNRCPLA1  | NNRPACRA  | NNRPACR1   | NNRPACR2  | NNRPACR3  | NNRPACR4  | NNRPACR5  | NNRPACR6  | NNROPLF1  | NNROPLA2   | NNROPLA3  |
|----------------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|
| <b>North New River</b>                 |           |           |           |           |           |            |           |           |           |            |           |           |           |           |           |           |            |           |
| 5/24/2001                              |           |           | 15        | 103       |           | 75         |           |           | 30        |            |           |           |           |           |           | 18        |            |           |
| 7/24/2001                              |           |           | 14        | 27        |           | 43         |           | 130       | 18        |            |           |           |           |           |           | 34        |            |           |
| 8/2/2001                               | 24        | 54        |           |           |           |            |           | 25        | 25        | 62         |           |           |           |           |           |           | 59         | 48        |
| 9/13/2001                              | 18        | 64        | 10        | 27        | 29        | 47         |           |           | 45        | 76         |           |           |           |           |           | 66        | 58         | 50        |
| 10/22/2001                             | 24        | 81        | 13        | 40        | 59        |            | 74        |           | 31        |            |           |           |           |           |           |           |            |           |
| 3/8/2002                               |           |           | 16        | 19        |           |            | 17        |           | 45        |            |           |           |           |           |           | 18        |            |           |
| 6/24/2002                              |           |           | 16        | 32        | 38        | 100        |           |           |           |            |           |           |           |           |           | 52        | 80         | 43        |
| 6/25/2002                              |           |           |           |           |           |            |           |           |           |            |           |           |           |           |           | 32        | 51         | 93        |
| 7/2/2002                               |           |           |           |           |           |            |           |           |           | 64         | 28        |           | 46        | 25        | 17        |           |            |           |
| 8/21/2002                              |           |           | 7         |           |           |            | 15        | 17        | 36        | 34         |           |           |           |           |           | 22        |            |           |
| 9/4/2002                               |           |           |           |           |           |            |           |           | 35        | 24         | 22        | 21        | 28        | 40        |           |           |            |           |
| 9/12/2002                              | 23        | 59        | 6         | 23        | 23        |            |           | 20        | 23        |            |           |           |           |           |           |           |            |           |
| 10/16/2002                             |           | 40        |           |           |           |            |           |           |           |            |           |           |           |           |           |           |            |           |
| 12/10/2002                             | 19        | 64        |           |           |           |            |           |           |           |            |           |           |           |           |           |           |            |           |
| 2/20/2003                              |           |           |           |           |           |            |           |           |           | 66         | 18        |           | 15        | 13        | 220       |           |            |           |
| 3/17/2003                              | 20        | 32        |           | 29        | 34        |            | 79        |           | 37        |            |           |           |           |           |           |           |            |           |
| 4/28/2003                              | 17        | 36        |           |           |           |            |           |           |           |            |           |           |           |           |           |           |            |           |
| 5/23/2003                              | 27        | 76        |           |           |           |            |           |           |           |            |           |           |           |           |           |           |            |           |
| 5/28/2003                              |           |           |           | 38        | 48        | 94         | 82        | 28        | 82        | 160        |           |           |           |           |           | 35        | 109        | 43        |
| 6/17/2003                              | 17        | 19        |           |           |           |            |           |           |           |            |           |           |           |           |           |           |            |           |
| 8/21/2003                              | 8         | 7         | 9         | 24        |           |            |           | 26        | 34        |            |           |           |           |           |           | 34        |            |           |
| 9/26/2003                              | 5         | 16        |           |           |           |            |           |           |           |            |           |           |           |           |           |           |            |           |
| 11/6/2003                              | 27        | 8         |           |           |           |            |           |           |           |            |           |           |           |           |           |           |            |           |
| 2/2/2004                               | 25        |           | 21        | 21        | 37        | 116        | 29        | 21        |           |            |           |           |           |           |           | 28        |            |           |
| 4/14/2004                              |           |           | 18        | 21        | 22        |            |           | 17        |           |            |           |           |           |           |           | 14        |            |           |
| <b>Average</b>                         | <b>19</b> | <b>43</b> | <b>13</b> | <b>34</b> | <b>36</b> | <b>79</b>  | <b>49</b> | <b>36</b> | <b>37</b> | <b>71</b>  | <b>23</b> | <b>22</b> | <b>27</b> | <b>22</b> | <b>92</b> | <b>32</b> | <b>71</b>  | <b>55</b> |
| N                                      | 13        | 13        | 11        | 12        | 8         | 6          | 6         | 8         | 11        | 7          | 3         | 1         | 3         | 3         | 3         | 11        | 5          | 5         |
| <b>Water Years (May 1 to April 30)</b> |           |           |           |           |           |            |           |           |           |            |           |           |           |           |           |           |            |           |
| <b>WY 02</b>                           | <b>22</b> | <b>66</b> | <b>14</b> | <b>43</b> | <b>44</b> | <b>55</b>  | <b>46</b> | <b>78</b> | <b>32</b> | <b>69</b>  |           |           |           |           |           | <b>34</b> | <b>59</b>  | <b>49</b> |
| N                                      | 3         | 3         | 5         | 5         | 2         | 3          | 2         | 2         | 6         | 2          |           |           |           |           |           | 4         | 2          | 2         |
| <b>WY 03</b>                           | <b>20</b> | <b>46</b> | <b>10</b> | <b>28</b> | <b>32</b> | <b>100</b> | <b>47</b> | <b>19</b> | <b>32</b> | <b>50</b>  | <b>23</b> | <b>22</b> | <b>27</b> | <b>22</b> | <b>92</b> | <b>35</b> | <b>66</b>  | <b>68</b> |
| N                                      | 4         | 5         | 3         | 3         | 3         | 1          | 2         | 2         | 3         | 4          | 3         | 1         | 3         | 3         | 3         | 3         | 2          | 2         |
| <b>WY 04</b>                           | <b>18</b> | <b>25</b> | <b>16</b> | <b>26</b> | <b>36</b> | <b>105</b> | <b>56</b> | <b>23</b> | <b>58</b> | <b>160</b> |           |           |           |           |           | <b>28</b> | <b>109</b> | <b>43</b> |
| N                                      | 6         | 5         | 3         | 4         | 3         | 2          | 2         | 4         | 2         | 1          |           |           |           |           |           | 4         | 1          | 1         |

# North New River Canal Basin

Markham Park, City of Sunrise, City of Plantation  
and Bonaventure Development District

Total Phosphorus (TP) Monitoring Results



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## Map Legend

- ▲ Monitoring Sites
- ~ Canals
- Roads
- ▭ North New River Canal Basin Boundaries

## Data Legend

A:N  
WY: TP (N)

A:N = Average TP Concentration (ppb) for Period of Record

WY = Water Year (May 1 through April 30)

TP = Average TP Concentration for Water Year

(N) = Sample Size for Water Year

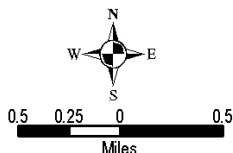
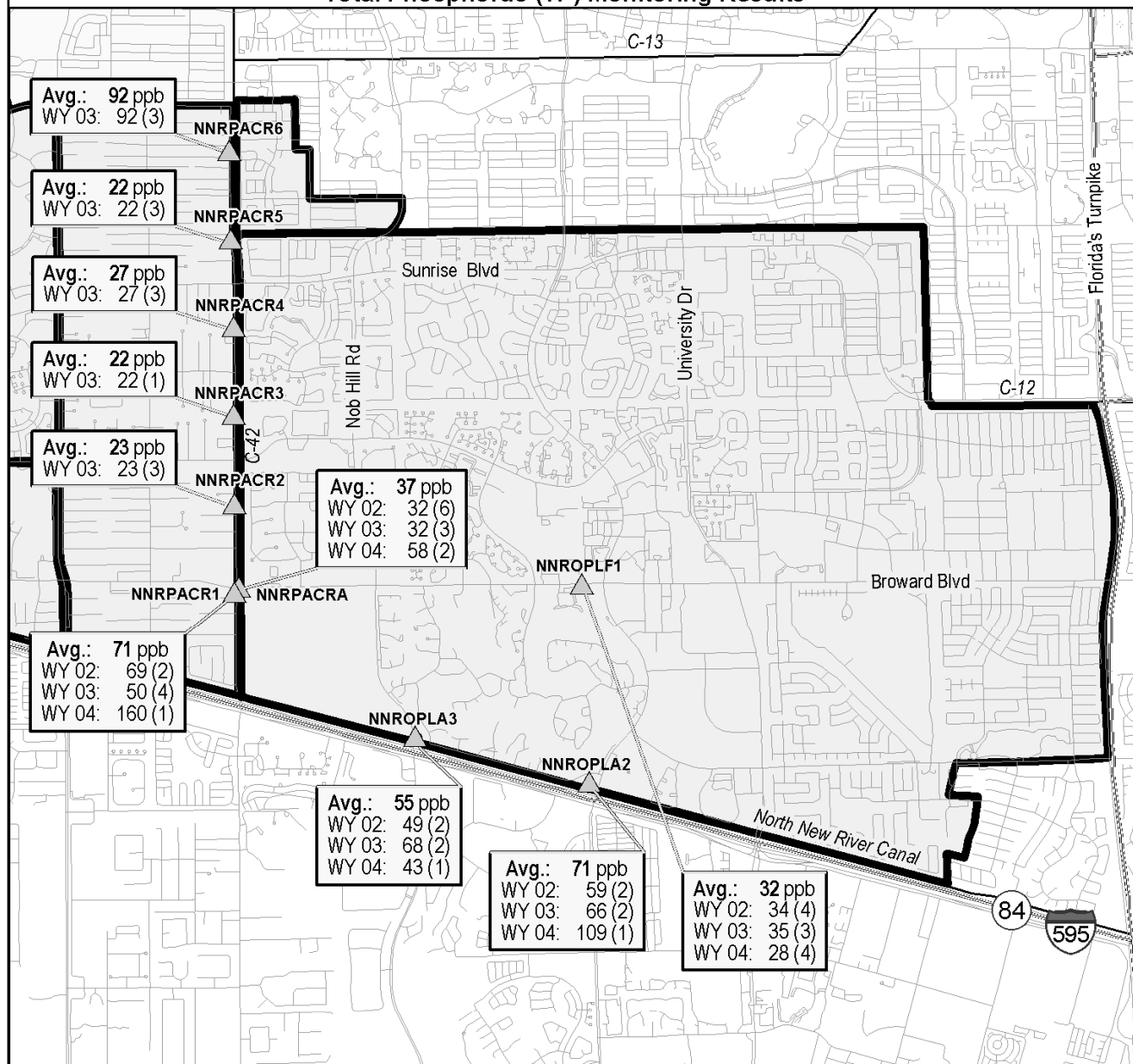
ERRD/EREG 23-JUL-2004 CMISSAU \\ha1-fs1\led\_regled\_gis\ever\_gis\EREG\_Update2004\mxd\files\nnr\_west\_eregupdate2004\_cm1.mxd

Figure A-4a. Upstream monitoring sites: summary of TP data (ppb).

# North New River Canal Basin

Plantation Acres Improvement District and  
Old Plantation Water Control District

Total Phosphorus (TP) Monitoring Results



## Map Legend

- Monitoring Sites
- Canals
- Roads
- North New River Canal Basin Boundaries

## Data Legend

**A:N**  
**WY: TP (N)**

A:N = Average TP Concentration (ppb) for Period of Record  
WY = Water Year (May 1 through April 30)  
TP = Average TP Concentration for Water Year  
(N) = Sample Size for Water Year

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**Figure A-4b.** Upstream monitoring sites: summary of TP data (ppb).

## A-5. Feeder Canal Basin

**Table A-5a.** Historic summary of TP (ppb) at “into” structure.

| Period of Record                            | S190<br>arithmetic<br>average<br>(grab) | S190<br>flow-weighted<br>mean conc. |
|---------------------------------------------|-----------------------------------------|-------------------------------------|
| Water Year 1998 (May 97-April 98) Grab      | 78                                      | 85                                  |
| Water Year 1999 (May 98-April 99) Grab      | 55                                      | 73                                  |
| Water Year 2000 (May 99-April 00) Grab      | 71                                      | 111                                 |
| Water Year 2001 (May 00-April 01) Grab/Comp | 50                                      | 156                                 |
| Water Year 2002 (May 01-April 02) Grab/Comp | 60                                      | 90                                  |
| Water Year 2003 (May 02-April 03) Grab/Comp | 58                                      | 84                                  |
| Water Year 2004 (May 03-April 04) Grab/Comp | 53                                      | 103                                 |

## Annual Flow, Phosphorus Load and FWMC

McDaniel Ranch Compliance Sites: G108 (NF05.5TN ) and PC17A (NF04.0TW )

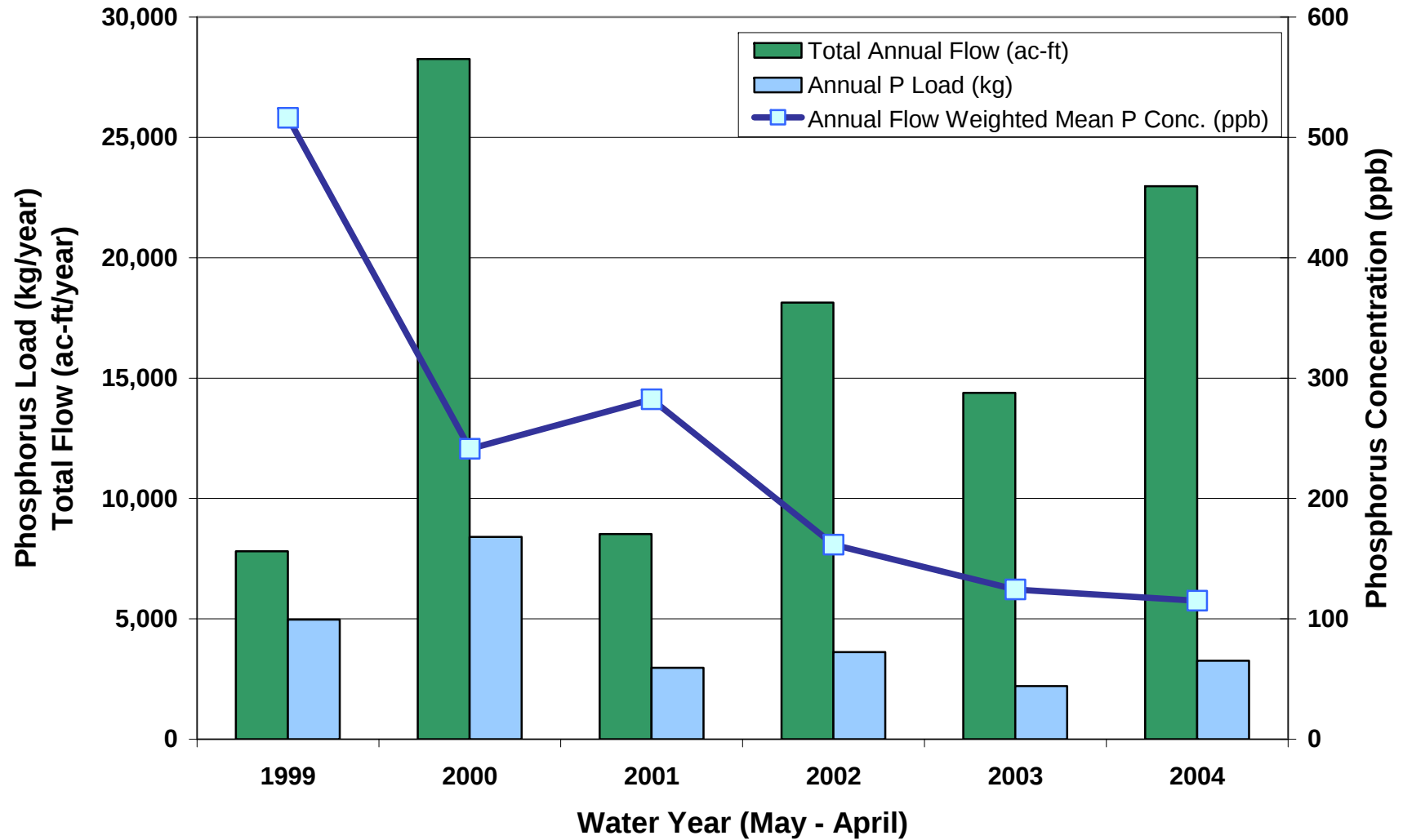


Figure A-5a. Historic summary of TP flows and loads at McDaniel Ranch compliance points.

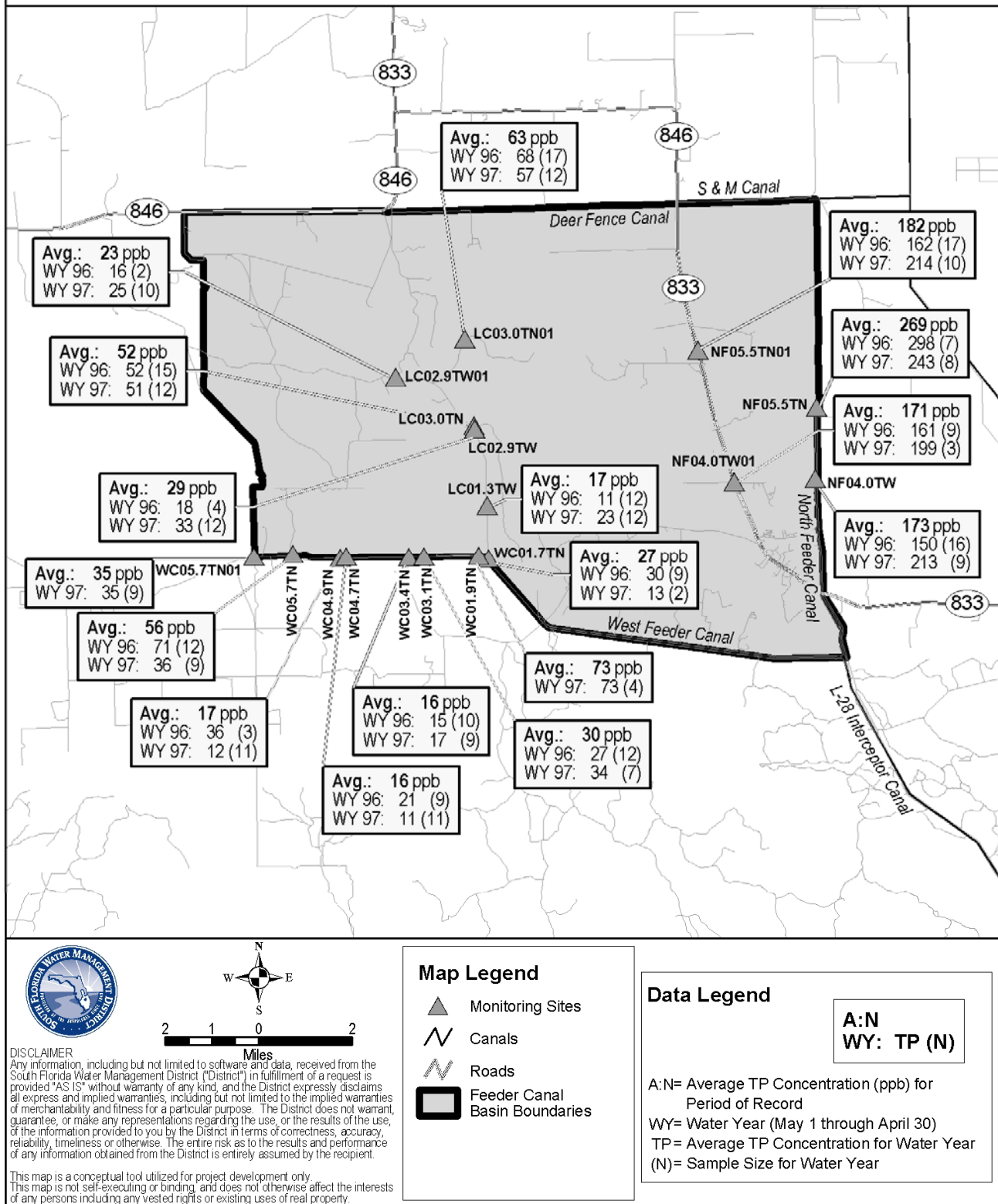
**Table A-5b.** Upstream monitoring sites: summary of TP data (ppb).

[illegible]

**Table A-5b.** Upstream monitoring sites: summary of TP data (ppb).

| <u>West Feeder Basin</u><br><u>Synoptic Survey</u> | LC01.3TW  | LC02.9TW01 | LC03.0TN  | LC03.0TN01 | LCO2.9TW  | NF04.0TW   | NF04.0TW01 | NF05.5TN   | NF05.5TN01 | WC01.7TN  | WC01.9TN  | WC03.1TN  | WC03.4TN  | WC04.7TN  | WC04.9TN  | WC05.7TN  | WC05.7TN01 |
|----------------------------------------------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 5/22/1997                                          | 12        | 19         | 43        | 61         | 15        | 41         |            |            | 65         |           |           | 14        | 7         | 12        | 13        |           |            |
| 6/5/1997                                           | 15        | 25         | 60        | 55         | 23        | 188        |            | 301        | 76         | 13        | 22        | 120       | 15        | 20        | 22        | 21        | 26         |
| 6/19/1997                                          | 8         | 22         | 60        | 61         | 54        |            |            |            |            |           |           |           |           | 11        | 17        | 39        | 20         |
| 7/3/1997                                           | 35        |            | 54        | 46         | 28        | 435        |            | 415        | 390        |           | 210       | 34        | 35        | 6         | 9         | 15        | 22         |
| 7/17/1997                                          | 36        | 12         | 64        | 75         | 15        | 280        | 174        | 236        | 216        |           |           |           |           | 9         | 12        | 25        | 31         |
| 7/31/1997                                          | 8         | 22         | 45        | 72         | 23        | 155        |            |            | 311        | 13        |           | 15        | 23        | 9         | 9         | 18        | 33         |
| 8/14/1997                                          | 17        | 38         | 49        | 46         | 42        | 299        | 257        | 294        | 335        |           |           | 11        | 9         | 8         | 10        | 41        | 58         |
| 8/27/1997                                          | 17        | 35         | 67        | 75         | 33        | 182        |            | 134        | 158        |           | 16        | 14        | 12        | 10        | 11        | 29        | 36         |
| 9/11/1997                                          | 50        | 27         | 47        | 48         | 35        | 194        | 165        | 215        | 217        |           | 45        | 27        | 16        | 11        | 12        | 98        | 46         |
| 9/26/1997                                          | 29        |            | 57        | 47         | 55        | 139        |            | 162        | 222        |           |           |           |           |           |           |           |            |
| 10/9/1997                                          | 22        | 19         | 39        | 55         | 27        |            |            | 187        | 150        |           |           |           | 16        | 7         | 8         | 37        | 45         |
| 10/23/1997                                         | 26        | 27         |           |            | 46        |            |            |            |            |           |           |           | 17        | 22        | 10        |           |            |
| <b>Average</b>                                     | <b>17</b> | <b>23</b>  | <b>52</b> | <b>63</b>  | <b>29</b> | <b>173</b> | <b>171</b> | <b>269</b> | <b>182</b> | <b>27</b> | <b>73</b> | <b>30</b> | <b>16</b> | <b>16</b> | <b>17</b> | <b>56</b> | <b>35</b>  |
| N                                                  | 24        | 12         | 27        | 29         | 16        | 25         | 12         | 15         | 27         | 11        | 4         | 19        | 19        | 20        | 14        | 21        | 9          |
| <b>Water Years (May 1 to April 30)</b>             |           |            |           |            |           |            |            |            |            |           |           |           |           |           |           |           |            |
| <b>WY 96</b>                                       | <b>11</b> | <b>16</b>  | <b>52</b> | <b>68</b>  | <b>18</b> | <b>150</b> | <b>161</b> | <b>298</b> | <b>162</b> | <b>30</b> |           | <b>27</b> | <b>15</b> | <b>21</b> | <b>36</b> | <b>71</b> |            |
| N                                                  | 12        | 2          | 15        | 17         | 4         | 16         | 9          | 7          | 17         | 9         |           | 12        | 10        | 9         | 3         | 12        |            |
| <b>WY 97</b>                                       | <b>23</b> | <b>25</b>  | <b>51</b> | <b>57</b>  | <b>33</b> | <b>213</b> | <b>199</b> | <b>243</b> | <b>214</b> | <b>13</b> | <b>73</b> | <b>34</b> | <b>17</b> | <b>11</b> | <b>12</b> | <b>36</b> | <b>35</b>  |
| N                                                  | 12        | 10         | 12        | 12         | 12        | 9          | 3          | 8          | 10         | 2         | 4         | 7         | 9         | 11        | 11        | 9         | 9          |

# Feeder Canal Basin Total Phosphorus (TP) Monitoring Results



**Figure A-5b.** Upstream monitoring sites: summary of TP data (ppb).

**A-6. L-28 Basin**

**Table A-6.** Historic summary of TP (ppb) at “into” structure.

| <b>Period of Record</b>                     | <b>S140<br/>arithmetic<br/>average<br/>(grab)</b> | <b>S140<br/>flow-<br/>weighted<br/>mean conc.</b> |
|---------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Water Year 1998 (May 97-April 98) Grab      | 36                                                | 37                                                |
| Water Year 1999 (May 98-April 99) Grab      | 44                                                | 52                                                |
| Water Year 2000 (May 99-April 00) Grab      | 60                                                | 67                                                |
| Water Year 2001 (May 00-April 01) Grab/Comp | 61                                                | 113                                               |
| Water Year 2002 (May 01-April 02) Grab/Comp | 46                                                | 47                                                |
| Water Year 2003 (May 02-April 03) Grab/Comp | 42                                                | 65                                                |
| Water Year 2004 (May 03-April 04) Grab/Comp | 35                                                | 42                                                |

## A-7. Boynton Farms Basin

**Table A-7.** Upstream monitoring sites: summary of TP data (ppb).

| <u>Boynton Farms</u>                   | BFBFCP      | BFBFNP      | BFBFSP      | BFBDFCP     | BFBDFNP     | BFBDFSP     | BFBDFWP     | BFBMFCP     | BFBMFNP     | BFBMFSP     | BFBWNCP    |
|----------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
| 4/26/2000                              |             | 1651        | 1013        |             |             |             |             |             |             |             | 252        |
| 5/10/2000                              |             | 1073        | 381         |             |             |             |             |             |             |             | 398        |
| 9/17/2000                              |             | 389         | 710         |             |             |             |             |             |             |             | 294        |
| 10/5/2000                              |             |             |             |             |             |             |             |             |             |             | 344        |
| 11/28/2000                             |             |             |             |             |             |             |             |             |             |             | 303        |
| 3/20/2001                              | 1045        | 1144        | 690         |             |             |             |             |             |             |             | 270        |
| 9/16/2001                              | 1372        |             | 1901        |             | 1171        | 807         | 1476        |             |             | 1749        | 339        |
| 10/22/2001                             | 2926        | 1624        | 1723        |             |             |             |             |             |             |             | 357        |
| 11/5/2001                              |             |             |             |             |             |             |             |             |             |             | 287        |
| 2/11/2002                              |             |             | 822         | 1115        |             |             |             | 1086        | 1419        |             | 254        |
| 9/9/2002                               |             |             |             |             |             |             |             | 1336        | 1428        |             |            |
| 12/8/2002                              |             |             | 1273        |             |             |             |             | 1289        |             |             |            |
| 12/10/2002                             | 2595        |             | 1591        |             |             |             |             | 1760        |             |             |            |
| 3/16/2003                              |             | 754         | 581         | 1114        |             | 928         |             | 579         | 720         |             |            |
| 4/27/2003                              |             | 483         | 827         |             |             |             |             |             |             |             |            |
| 5/23/2003                              | 343         | 559         | 448         | 2193        | 1330        | 1173        | 965         | 957         | 355         | 798         |            |
| 9/28/2003                              |             |             |             |             | 1000        |             |             |             |             |             |            |
| 11/5/2003                              | 1160        | 1200        |             |             |             |             |             | 973         | 976         | 1140        |            |
|                                        |             |             |             |             |             |             |             |             |             |             |            |
| <b>Average</b>                         | <b>1574</b> | <b>986</b>  | <b>997</b>  | <b>1474</b> | <b>1167</b> | <b>969</b>  | <b>1221</b> | <b>1140</b> | <b>980</b>  | <b>1229</b> | <b>310</b> |
| N                                      | 6           | 9           | 12          | 3           | 3           | 3           | 2           | 7           | 5           | 3           | 10         |
| <b>Water Years (May 1 to April 30)</b> |             |             |             |             |             |             |             |             |             |             |            |
| <b>WY 01</b>                           | <b>1045</b> | <b>1064</b> | <b>699</b>  |             |             |             |             |             |             |             | <b>310</b> |
| N                                      | 1           | 4           | 4           |             |             |             |             |             |             |             | 6          |
| <b>WY 02</b>                           | <b>2149</b> | <b>1624</b> | <b>1482</b> | <b>1115</b> | <b>1171</b> | <b>807</b>  | <b>1476</b> | <b>1086</b> | <b>1419</b> | <b>1749</b> | <b>309</b> |
| N                                      | 2           | 1           | 3           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 4          |
| <b>WY 03</b>                           | <b>2595</b> | <b>619</b>  | <b>1068</b> | <b>1114</b> |             | <b>928</b>  |             | <b>1241</b> | <b>1074</b> |             |            |
| N                                      | 1           | 2           | 4           | 1           |             | 1           |             | 4           | 2           |             |            |
| <b>WY 04</b>                           | <b>752</b>  | <b>880</b>  | <b>448</b>  | <b>2193</b> | <b>1165</b> | <b>1173</b> | <b>965</b>  | <b>965</b>  | <b>666</b>  | <b>969</b>  |            |
| N                                      | 2           | 2           | 1           | 1           | 2           | 1           | 1           | 2           | 2           | 2           |            |

# Boynton Farms Basin

## Total Phosphorus (TP) Monitoring Results

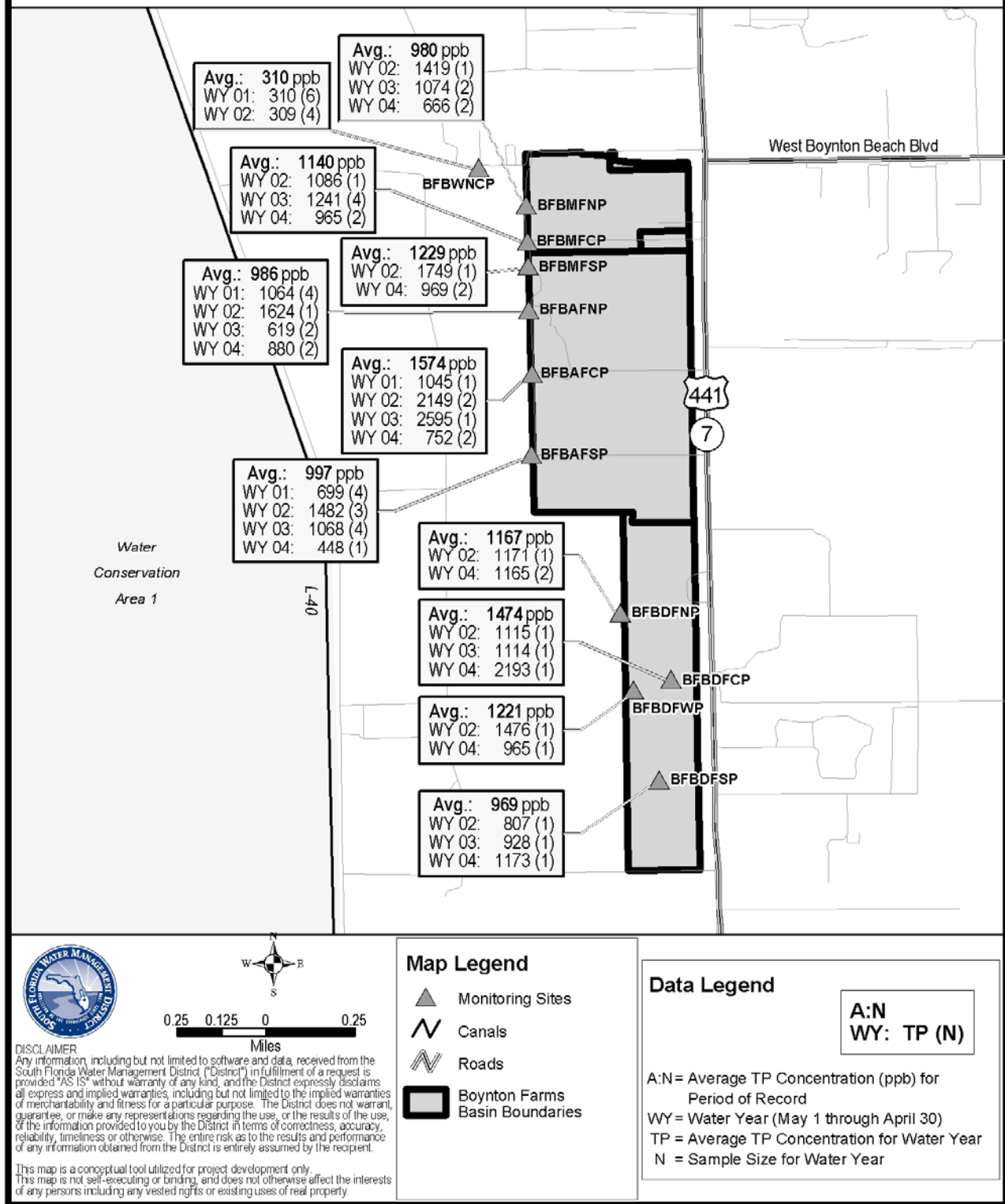


Figure A-7. Summary of TP data (ppb).

**A-8. C-111 Basin****Table A-8a.** Historic summary of TP (ppb) at “into” structures.

| Period of Record                                      | S-18C<br>arithmetic<br>average<br>(grab) | S-18C<br>flow-<br>weighted<br>mean<br>conc. | S-332<br>arithmetic<br>average<br>(grab) | S-332<br>flow-<br>weighted<br>mean<br>conc. | S-175<br>arithmetic<br>average<br>(grab) | S-175<br>flow-<br>weighted<br>mean<br>conc. |
|-------------------------------------------------------|------------------------------------------|---------------------------------------------|------------------------------------------|---------------------------------------------|------------------------------------------|---------------------------------------------|
| Water Year 1998<br>(May 97-April 98)Grab              | 8                                        |                                             | 7                                        |                                             | 7                                        |                                             |
| Water Year 1999<br>(May 98-April 99)Grab              | 8                                        | 13                                          | 8                                        | 7                                           | 7                                        | 5                                           |
| Water Year 2000<br>(May 99-April 00)Grab              | 8                                        | 9                                           | 8                                        | 8                                           | 7                                        | 8                                           |
| Water Year 2001<br>(May 00-April 01)Grab              | 8                                        | 9                                           | 9                                        | 16                                          | 9                                        | ND                                          |
| Water Year 2002<br>(May 01-April 02)Grab              | 6                                        | 5                                           | 6                                        | NF                                          | 7                                        | 7                                           |
| Water Year 2003<br>(May 02-April 03)Grab/Comp (S-18C) | 5                                        | 6                                           | 8                                        | ND                                          | 10                                       | 10                                          |
| Water Year 2004<br>(May 03-April 04)Grab/Comp (S-18C) | 4                                        | 9                                           | 7                                        | 13                                          | 7                                        | 5                                           |

**Note:** ND= No TP Data; NF= No Flow Data

**Table A-8b.** Upstream monitoring sites: summary of TP data (ppb).

| <u>C-111</u>         | <u>S176</u> | <u>S178</u> | <u>S332D</u> |  |  |
|----------------------|-------------|-------------|--------------|--|--|
| 5/11/1999            | 27          |             |              |  |  |
| 5/26/1999            |             | 13          |              |  |  |
| 6/16/1999            |             |             | 5            |  |  |
| 6/22/1999            | 12          | 6           |              |  |  |
| 6/23/1999            |             | 10          |              |  |  |
| 6/29/1999            |             | 4           |              |  |  |
| 7/8/1999             |             | 2           |              |  |  |
| 7/13/1999            |             | 5           |              |  |  |
| 7/20/1999            | 12          |             |              |  |  |
| 7/21/1999            |             | 16          |              |  |  |
| 7/22/1999            |             | 5           |              |  |  |
| 7/27/1999            | 6           |             |              |  |  |
| 7/28/1999            |             | 5           |              |  |  |
| 8/2/1999             | 11          |             |              |  |  |
| 8/4/1999             |             | 7           |              |  |  |
| 8/11/1999            | 9           | 4           |              |  |  |
| 8/17/1999            | 8           | 36          |              |  |  |
| 8/18/1999            |             | 4           |              |  |  |
| 8/25/1999            | 6           | 5           |              |  |  |
| 8/30/1999            | 5           |             |              |  |  |
| 8/31/1999            | 7           | 5           |              |  |  |
| 9/1/1999             | 5           |             |              |  |  |
| 9/2/1999             | 6           |             |              |  |  |
| 9/3/1999             | 6           |             |              |  |  |
| <u>C-111 (cont.)</u> | <u>S176</u> | <u>S178</u> | <u>S332D</u> |  |  |
| 9/6/1999             | 9           |             |              |  |  |
| 9/7/1999             | 11          |             |              |  |  |
| 9/8/1999             | 9           | 5           |              |  |  |
| 9/9/1999             | 6           |             |              |  |  |
| 9/10/1999            | 12          |             |              |  |  |
| 9/13/1999            | 7           |             |              |  |  |
| 9/20/1999            | 8           |             |              |  |  |
| 9/21/1999            |             | 7           |              |  |  |
| 9/22/1999            | 12          |             |              |  |  |
| 9/29/1999            | 4           | 27          |              |  |  |
| 9/30/1999            |             | 5           |              |  |  |
| 10/6/1999            |             | 5           |              |  |  |
| 10/13/1999           |             | 4           |              |  |  |
| 10/19/1999           |             | 56          |              |  |  |
| 10/21/1999           | 18          |             |              |  |  |
| 10/27/1999           | 12          | 93          | 6            |  |  |
| 10/29/1999           | 7           |             |              |  |  |
| 11/3/1999            | 7           | 8           |              |  |  |
| 11/4/1999            | 6           |             |              |  |  |
| 11/9/1999            | 8           |             |              |  |  |
| 11/10/1999           |             | 5           |              |  |  |
| 11/16/1999           | 5           |             |              |  |  |
| 11/18/1999           | 9           |             |              |  |  |
| 11/23/1999           | 11          | 28          |              |  |  |
| <u>C-111 (cont.)</u> | <u>S176</u> | <u>S178</u> | <u>S332D</u> |  |  |
| 12/8/1999            | 7           |             |              |  |  |
| 12/21/1999           |             | 26          |              |  |  |
| 1/5/2000             | 7           |             |              |  |  |
| 1/19/2000            | 9           | 22          |              |  |  |
| 2/2/2000             | 12          | 8           |              |  |  |
| 2/8/2000             |             | 8           |              |  |  |
| 2/16/2000            | 7           | 7           |              |  |  |
| 2/22/2000            |             | 9           |              |  |  |
| 2/29/2000            | 7           | 33          | 6            |  |  |
| 3/8/2000             |             | 8           |              |  |  |
| 3/15/2000            | 6           | 6           |              |  |  |
| 3/21/2000            |             | 6           |              |  |  |
| 3/29/2000            | 9           | 33          | 5            |  |  |
| 4/4/2000             |             | 16          |              |  |  |
| 4/12/2000            | 17          | 29          |              |  |  |
| 4/18/2000            |             | 12          |              |  |  |
| 4/26/2000            |             | 74          | 9            |  |  |
| 5/4/2000             | 6           |             |              |  |  |
| 5/10/2000            | 11          | 11          |              |  |  |
| 5/17/2000            | 12          | 12          |              |  |  |
| 5/24/2000            | 11          | 40          | 12           |  |  |
| 6/1/2000             | 16          | 15          |              |  |  |
| 6/7/2000             | 16          | 14          |              |  |  |
| 6/14/2000            |             | 10          |              |  |  |
| <u>C-111 (cont.)</u> | <u>S176</u> | <u>S178</u> | <u>S332D</u> |  |  |
| 6/21/2000            | 6           | 20          | 4            |  |  |
| 6/28/2000            |             |             | 8            |  |  |
| 7/6/2000             |             |             | 6            |  |  |
| 7/12/2000            |             |             | 8            |  |  |
| 7/19/2000            | 6           | 16          | 5            |  |  |
| 7/25/2000            |             |             | 8            |  |  |
| 7/31/2000            |             |             | 7            |  |  |
| 8/2/2000             | 8           |             | 6            |  |  |
| 8/8/2000             |             |             | 7            |  |  |
| 8/15/2000            |             |             | 7            |  |  |
| 8/16/2000            | 6           |             | 6            |  |  |
| 8/23/2000            |             |             | 6            |  |  |
| 8/30/2000            |             | 16          | 6            |  |  |
| 9/5/2000             |             |             | 6            |  |  |
| 9/13/2000            | 7           | 123         | 6            |  |  |
| 9/19/2000            |             |             | 6            |  |  |
| 9/27/2000            |             |             | 6            |  |  |
| 10/3/2000            |             |             | 9            |  |  |
| 10/11/2000           | 9           | 92          | 7            |  |  |
| 10/18/2000           |             |             | 6            |  |  |
| 10/25/2000           | 6           |             | 6            |  |  |
| 10/31/2000           |             |             | 9            |  |  |
| 11/8/2000            | 6           |             | 6            |  |  |
| 11/15/2000           |             |             | 6            |  |  |

**Table A-8b.** Continued.

| <u>C-111 (cont.)</u> | <u>S176</u> |    | <u>S178</u> | <u>S332D</u> |  |
|----------------------|-------------|----|-------------|--------------|--|
| 11/21/2000           |             | 30 | 7           |              |  |
| 11/29/2000           |             |    | 6           |              |  |
| 12/6/2000            |             |    | 7           |              |  |
| 12/14/2000           |             |    | 6           |              |  |
| 12/20/2000           | 7           | 20 | 6           |              |  |
| 12/28/2000           |             |    | 5           |              |  |
| 1/3/2001             |             |    | 7           |              |  |
| 1/11/2001            |             |    | 8           |              |  |
| 1/17/2001            | 7           |    | 5           |              |  |
| 1/25/2001            |             |    | 5           |              |  |
| 1/31/2001            | 5           | 39 | 5           |              |  |
| 2/8/2001             |             |    | 6           |              |  |
| 2/14/2001            | 11          | 54 | 10          |              |  |
| 2/22/2001            |             |    | 7           |              |  |
| 2/28/2001            | 14          |    | 8           |              |  |
| 3/8/2001             |             |    | 10          |              |  |
| 3/14/2001            | 7           | 32 | 7           |              |  |
| 3/22/2001            |             |    | 11          |              |  |
| 3/28/2001            | 11          |    | 11          |              |  |
| 4/5/2001             |             |    | 8           |              |  |
| 4/11/2001            | 7           | 46 | 8           |              |  |
| 4/25/2001            | 9           |    | 10          |              |  |
| 5/3/2001             |             |    | 10          |              |  |
| 5/9/2001             |             |    | 10          |              |  |

| <u>C-111 (cont.)</u> | <u>S176</u> |     | <u>S178</u> | <u>S332D</u> |  |
|----------------------|-------------|-----|-------------|--------------|--|
| 5/17/2001            |             |     | 11          |              |  |
| 5/23/2001            | 13          | 168 | 14          |              |  |
| 5/31/2001            |             |     | 8           |              |  |
| 6/6/2001             |             | 24  | 5           |              |  |
| 6/14/2001            |             |     | 5           |              |  |
| 6/20/2001            | 5           |     | 5           |              |  |
| 6/28/2001            |             |     | 8           |              |  |
| 7/5/2001             |             |     | 7           |              |  |
| 7/12/2001            |             |     | 7           |              |  |
| 7/18/2001            | 6           |     | 6           |              |  |
| 7/26/2001            |             |     | 6           |              |  |
| 7/31/2001            |             | 17  | 4           |              |  |
| 8/9/2001             |             |     | 5           |              |  |
| 8/15/2001            |             |     | 5           |              |  |
| 8/23/2001            |             |     | 6           |              |  |
| 8/29/2001            | 7           | 45  | 7           |              |  |
| 9/6/2001             |             |     | 5           |              |  |
| 9/12/2001            |             | 94  | 6           |              |  |
| 9/20/2001            |             |     | 4           |              |  |
| 9/26/2001            | 16          |     | 5           |              |  |
| 10/4/2001            |             |     | 4           |              |  |
| 10/10/2001           |             |     | 5           |              |  |
| 10/18/2001           |             |     | 5           |              |  |
| 10/24/2001           | 6           | 87  | 5           |              |  |

| <u>C-111 (cont.)</u> | <u>S176</u> |    | <u>S178</u> | <u>S332D</u> |  |
|----------------------|-------------|----|-------------|--------------|--|
| 11/1/2001            |             |    | 7           |              |  |
| 11/7/2001            | 6           |    | 5           |              |  |
| 11/15/2001           |             |    | 5           |              |  |
| 11/20/2001           |             | 54 | 6           |              |  |
| 11/29/2001           |             |    | 5           |              |  |
| 12/5/2001            | 6           | 35 | 5           |              |  |
| 12/13/2001           |             |    | 6           |              |  |
| 12/19/2001           | 6           |    | 6           |              |  |
| 12/27/2001           |             |    | 6           |              |  |
| 1/2/2002             | 6           |    | 5           |              |  |
| 1/10/2002            |             |    | 4           |              |  |
| 1/16/2002            |             | 35 | 6           |              |  |
| 1/24/2002            |             |    | 4           |              |  |
| 1/30/2002            |             |    | 4           |              |  |
| 2/7/2002             |             |    | 5           |              |  |
| 2/13/2002            |             | 24 | 5           |              |  |
| 2/21/2002            |             |    | 4           |              |  |
| 2/27/2002            | 6           |    | 5           |              |  |
| 3/7/2002             |             |    | 5           |              |  |
| 3/13/2002            |             | 26 | 6           |              |  |
| 3/21/2002            |             |    | 6           |              |  |
| 3/27/2002            | 9           |    | 9           |              |  |
| 4/4/2002             |             |    | 9           |              |  |
| 4/10/2002            | 8           | 31 | 8           |              |  |

| <u>C-111</u> | <u>S176</u> |     | <u>S178</u> | <u>S332D</u> |  |
|--------------|-------------|-----|-------------|--------------|--|
| 4/18/2002    |             |     | 7           |              |  |
| 4/24/2002    | 9           |     | 8           |              |  |
| 5/2/2002     |             |     | 6           |              |  |
| 5/8/2002     | 5           |     | 5           |              |  |
| 5/16/2002    |             |     | 17          |              |  |
| 5/22/2002    | 12          | 122 | 16          |              |  |
| 5/30/2002    |             |     | 14          |              |  |
| 6/5/2002     |             | 43  | 11          |              |  |
| 6/13/2002    |             |     | 11          |              |  |
| 6/19/2002    | 8           | 40  | 9           |              |  |
| 6/26/2002    |             |     | 7           |              |  |
| 7/2/2002     | 7           | 19  | 6           |              |  |
| 7/11/2002    |             |     | 6           |              |  |
| 7/17/2002    | 5           | 27  | 6           |              |  |
| 7/24/2002    |             |     | 5           |              |  |
| 7/31/2002    |             |     | 6           |              |  |
| 8/7/2002     |             |     | 6           |              |  |
| 8/14/2002    |             |     | 8           |              |  |
| 8/21/2002    |             |     | 7           |              |  |
| 8/28/2002    | 9           | 25  | 7           |              |  |
| 9/4/2002     |             |     | 5           |              |  |
| 9/11/2002    |             |     | 5           |              |  |
| 9/18/2002    |             |     | 5           |              |  |
| 9/25/2002    | 6           | 11  | 6           |              |  |

**Table A-8b.** Continued.

| <u>C-111 (cont.)</u> | <u>S176</u> | <u>S178</u> | <u>S332D</u> |  |  |
|----------------------|-------------|-------------|--------------|--|--|
| 10/2/2002            |             |             | 6            |  |  |
| 10/9/2002            |             |             | 7            |  |  |
| 10/16/2002           |             |             | 7            |  |  |
| 10/23/2002           | 6           | 15          | 5            |  |  |
| 10/30/2002           |             |             | 5            |  |  |
| 11/6/2002            |             |             | 6            |  |  |
| 11/13/2002           |             |             | 7            |  |  |
| 11/20/2002           | 6           | 11          | 6            |  |  |
| 11/27/2002           |             |             | 5            |  |  |
| 12/4/2002            |             | 19          | 4            |  |  |
| 12/11/2002           |             |             | 5            |  |  |
| 12/18/2002           | 5           | 6           | 5            |  |  |
| 12/26/2002           |             |             | 5            |  |  |
| 1/8/2003             |             |             | 5            |  |  |
| 1/15/2003            | 5           | 15          | 4            |  |  |
| 1/22/2003            |             |             | 5            |  |  |
| 1/29/2003            |             | 19          | 7            |  |  |
| 2/10/2003            |             |             | 8            |  |  |
| 2/12/2003            | 7           | 28          | 7            |  |  |
| 2/19/2003            |             |             | 7            |  |  |
| 2/26/2003            |             |             | 7            |  |  |
| 3/5/2003             |             |             | 7            |  |  |
| 3/12/2003            | 6           | 34          | 10           |  |  |
| 3/20/2003            |             |             | 6            |  |  |

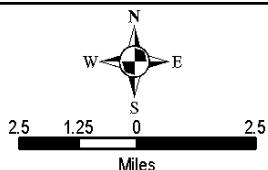
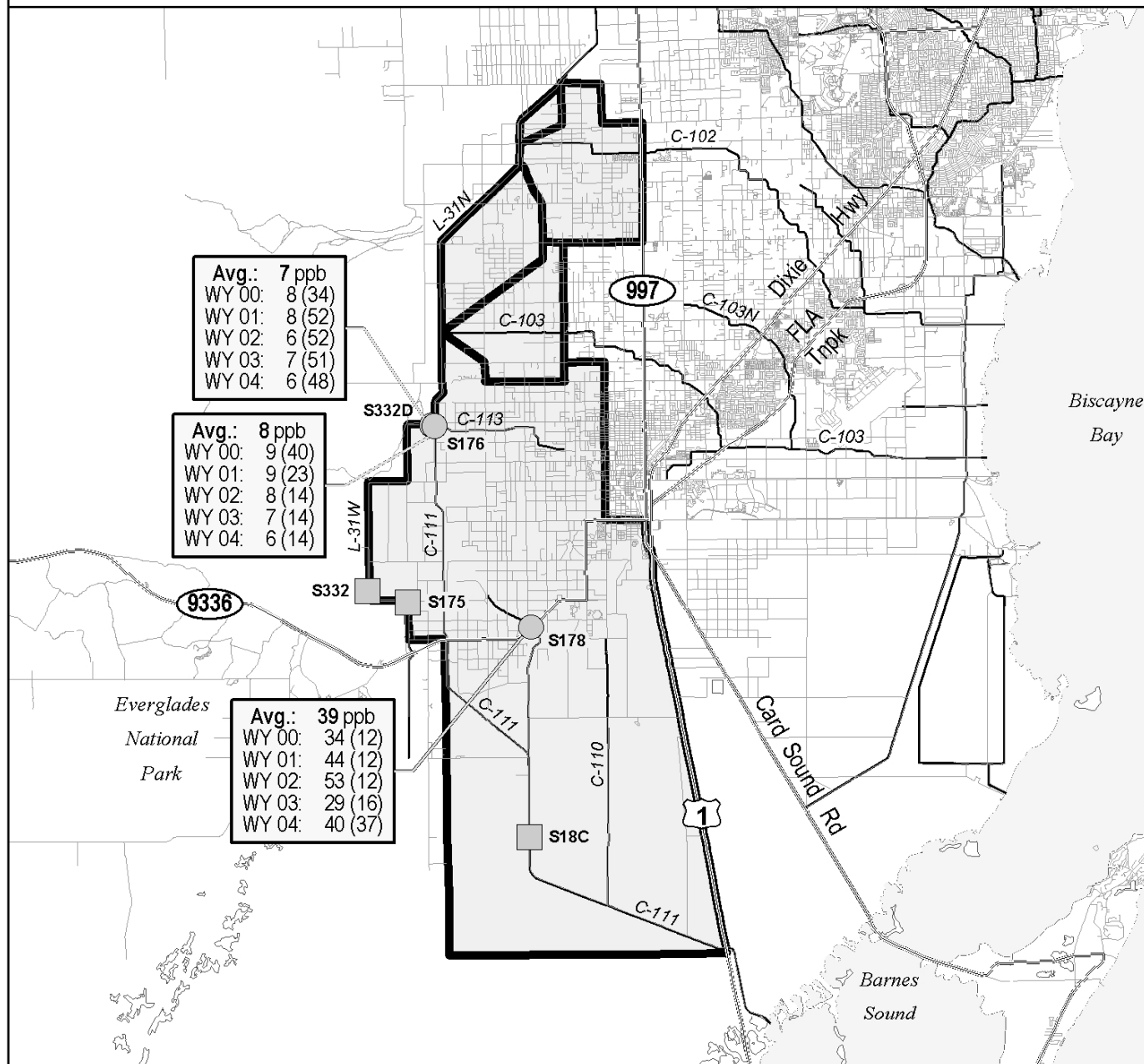
| <u>C-111 (cont.)</u> | <u>S176</u> | <u>S178</u> | <u>S332D</u> |  |  |
|----------------------|-------------|-------------|--------------|--|--|
| 3/20/2003            |             |             | 6            |  |  |
| 3/26/2003            |             |             | 8            |  |  |
| 4/2/2003             |             |             | 7            |  |  |
| 4/9/2003             |             | 22          | 7            |  |  |
| 4/16/2003            |             |             | 8            |  |  |
| 4/22/2003            | 7           |             | 7            |  |  |
| 5/1/2003             |             |             | 6            |  |  |
| 5/6/2003             |             | 20          | 6            |  |  |
| 5/14/2003            |             |             | 8            |  |  |
| 5/21/2003            | 8           |             | 8            |  |  |
| 5/28/2003            |             |             | 7            |  |  |
| 6/4/2003             | 6           |             | 6            |  |  |
| 6/11/2003            |             |             | 6            |  |  |
| 6/18/2003            | 7           | 15          | 6            |  |  |
| 6/25/2003            |             |             | 5            |  |  |
| 7/2/2003             |             |             | 6            |  |  |
| 7/9/2003             |             |             | 5            |  |  |
| 7/16/2003            |             | 22          | 6            |  |  |
| 7/23/2003            |             |             | 6            |  |  |
| 7/30/2003            | 8           |             | 8            |  |  |
| 8/6/2003             |             |             | 6            |  |  |
| 8/13/2003            |             | 7           | 5            |  |  |
| 8/20/2003            |             |             | 5            |  |  |

| <u>C-111 (cont.)</u> | <u>S176</u> | <u>S178</u> | <u>S332D</u> |  |  |
|----------------------|-------------|-------------|--------------|--|--|
| 8/27/2003            | 6           |             | 5            |  |  |
| 9/3/2003             |             |             | 5            |  |  |
| 9/10/2003            |             |             | 5            |  |  |
| 9/17/2003            |             | 17          | 4            |  |  |
| 9/24/2003            | 5           | 13          | 5            |  |  |
| 10/1/2003            |             | 9           | 6            |  |  |
| 10/8/2003            |             | 27          | 4            |  |  |
| 10/15/2003           |             | 26          | 3            |  |  |
| 10/22/2003           | 5           | 26          | 5            |  |  |
| 10/29/2003           |             | 24          | 7            |  |  |
| 11/5/2003            |             | 145         | 6            |  |  |
| 11/12/2003           |             | 14          | 5            |  |  |
| 11/19/2003           | 6           | 23          | 8            |  |  |
| 11/26/2003           |             | 29          | 6            |  |  |
| 12/3/2003            |             | 23          | 7            |  |  |
| 12/10/2003           |             | 29          | 6            |  |  |
| 12/17/2003           |             | 28          | 5            |  |  |
| 12/24/2003           |             | 25          |              |  |  |
| 12/29/2003           | 6           | 25          | 4            |  |  |
| 1/7/2004             |             | 55          | 7            |  |  |
| 1/14/2004            |             | 34          | 6            |  |  |
| 1/21/2004            |             | 31          | 6            |  |  |
| 1/28/2004            | 6           | 43          | 6            |  |  |
| 2/4/2004             |             | 11          | 6            |  |  |

| <u>C-111 (cont.)</u>                   | <u>S176</u> | <u>S178</u> | <u>S332D</u> |  |  |
|----------------------------------------|-------------|-------------|--------------|--|--|
| 2/11/2004                              |             | 23          | 6            |  |  |
| 2/19/2004                              |             | 31          | 22           |  |  |
| 2/25/2004                              | 7           | 54          | 9            |  |  |
| 3/3/2004                               |             | 29          | 5            |  |  |
| 3/10/2004                              |             | 41          | 6            |  |  |
| 3/17/2004                              |             | 49          |              |  |  |
| 3/24/2004                              | 7           | 56          | 6            |  |  |
| 3/31/2004                              |             | 73          |              |  |  |
| 4/7/2004                               | 7           | 85          | 7            |  |  |
| 4/14/2004                              |             | 99          |              |  |  |
| 4/21/2004                              | 6           | 71          | 5            |  |  |
| 4/28/2004                              |             | 133         |              |  |  |
| <b>Average</b>                         | <b>8</b>    | <b>39</b>   | <b>7</b>     |  |  |
| N                                      | 105         | 89          | 237          |  |  |
| <b>Water Years (May 1 to April 30)</b> |             |             |              |  |  |
| <b>WY00</b>                            | <b>9</b>    | <b>34</b>   | <b>8</b>     |  |  |
| N                                      | 40          | 12          | 34           |  |  |
| <b>WY 01</b>                           | <b>9</b>    | <b>44</b>   | <b>8</b>     |  |  |
| N                                      | 23          | 12          | 52           |  |  |
| <b>WY 02</b>                           | <b>8</b>    | <b>53</b>   | <b>6</b>     |  |  |
| N                                      | 14          | 12          | 52           |  |  |
| <b>WY 03</b>                           | <b>7</b>    | <b>29</b>   | <b>7</b>     |  |  |
| N                                      | 14          | 16          | 51           |  |  |
| <b>WY 04</b>                           | <b>6</b>    | <b>40</b>   | <b>6</b>     |  |  |

# C-111 Basin

## Total Phosphorus (TP) Monitoring Results



### Map Legend

- Monitoring Sites
- Canals
- Roads
- C-111 Basin Boundaries

### Data Legend

**A:N**  
**WY: TP (N)**

A:N = Average TP Concentration (ppb) for Period of Record  
 WY = Water Year (May 1 through April 30)  
 TP = Average TP Concentration for Water Year  
 (N) = Sample Size for Water Year

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**Figure A-8.** Upstream monitoring sites: summary of TP data (ppb).