

**Appendix B - TMDL Action Plan: Stormwater Facility Retrofits Beginning July 1, 2009**

| WMB Number                | Project Name                     | Status        | Installation FY | Latitude | Longitude | BMP Practice        | Area Treated (Ac) | Impervious Area (Ac) | Pervious Area (Ac) | Forested Area (Ac) | Calculation Method                          | Estimated Total Pollutant Reduction (lbs/yr) |       |           | Precent Unregulated Area | Baseline Adjustment for Unregulated Area (lbs/yr) |      |          | Total Pollutant Reduction Achieved after Baseline Adjustment (lbs/yr) |       |           |
|---------------------------|----------------------------------|---------------|-----------------|----------|-----------|---------------------|-------------------|----------------------|--------------------|--------------------|---|--|-------|-----------|--------------------------|---|------|----------|---|-------|-----------|
|                           |                                  |               |                 |          |           |                     |                   |                      |                    |                    |   | TN   | TP    | TSS       |                          | TN  | TP   | TSS      | TN  | TP    | TSS       |
| <b>Completed Projects</b> |                                  |               |                 |          |           |                     |                   |                      |                    |                    |   |  |       |           |                          |   |      |          |   |       |           |
| 1                         | SWM Facility #257                | Completed     | 2010            | 38.70846 | -77.42804 | Extended Detention  | 4.28              | 1.09                 | 1.91               | 1.28               | CBP Established Efficiency, Incremental     | 7.33   | 0.35  | 223.44    | 13.52%                   | 0.53  | 0.06 | 52.90    | 6.80  | 0.29  | 170.54    |
| 21                        | Pond 51 - Hammill Mill Park SWMF | Completed     | 2011            | 38.66706 | -77.26875 | Extended Detention  | 7.13              | 2.10                 | 2.76               | 2.27               | CBP Established Efficiency, Incremental     | 12.41  | 0.63  | 406.44    | 3.06%                    | 0.21  | 0.03 | 21.60    | 12.20   | 0.60  | 384.84    |
| 23                        | SWM Facility #154 - Dawson Ridge | Completed     | 2011            | 38.64959 | -77.26743 | Extended Detention  | 6.48              | 2.44                 | 2.89               | 1.15               | CBP Established Efficiency, Incremental     | 12.60  | 0.69  | 449.74    | 9.17%                    | 0.61  | 0.08 | 69.64    | 11.99   | 0.61  | 380.09    |
| 24                        | SWM Facility #157 - Dawson Ridge | Completed     | 2011            | 38.64802 | -77.26509 | Extended Detention  | 4.86              | 1.56                 | 1.46               | 1.83               | CBP Established Efficiency, Incremental     | 8.38   | 0.44  | 290.67    | 7.23%                    | 0.36  | 0.05 | 40.57    | 8.03  | 0.39  | 250.11    |
| 83                        | SWM Facility #363                | Completed     | 2013            | 38.73062 | -77.41825 | Extended Detention  | 35.42             | 8.54                 | 14.34              | 12.53              | CBP Established Efficiency, Incremental     | 58.53  | 2.77  | 1,758.43  | 0.52%                    | 0.18  | 0.02 | 19.30    | 58.35   | 2.75  | 1,739.13  |
| 129                       | SWM Facility #318                | Completed     | 2013            | 38.56811 | -77.30660 | Extended Detention  | 17.48             | 3.27                 | 9.46               | 4.75               | CBP Established Efficiency, Incremental     | 28.95  | 1.27  | 763.03    | 0.00%                    | 0.00  | 0.00 | 0.00     | 28.95   | 1.27  | 763.03    |
| 145                       | SWM Facility #494                | Completed     | 2013            | 38.78569 | -77.53199 | Constructed Wetland | 38.27             | 15.26                | 22.13              | 0.88               | CBP Retrofits Expert Panel, ST, Incremental | 99.20  | 14.00 | 5,442.51  | 5.70%                    | 2.20  | 0.29 | 244.38   | 97.00   | 13.72 | 5,198.13  |
| 69                        | SWM Facility #77                 | Completed     | 2014            | 38.74038 | -77.42235 | Extended Detention  | 54.12             | 6.38                 | 22.48              | 25.26              | CBP Established Efficiency, Incremental     | 77.15  | 2.97  | 1,747.72  | 14.09%                   | 5.89  | 0.55 | 424.59   | 71.26   | 2.42  | 1,323.13  |
| 85                        | SWM Facility #505                | Completed     | 2014            | 38.56390 | -77.30522 | Extended Detention  | 16.26             | 4.28                 | 7.77               | 4.22               | CBP Established Efficiency, Incremental     | 28.49  | 1.39  | 872.77    | 3.07%                    | 0.35  | 0.03 | 19.68    | 28.14   | 1.36  | 853.09    |
| 59                        | SWM Facility #99                 | Completed     | 2015            | 38.78563 | -77.51022 | Constructed Wetland | 8.89              | 5.14                 | 3.74               | 0.00               | CBP Retrofits Expert Panel, ST, Incremental | 40.20  | 4.84  | 4,319.55  | 81.51%                   | 7.90  | 1.10 | 955.15   | 32.31   | 3.74  | 3,364.40  |
| 80                        | SWM Facility #98                 | Completed     | 2015            | 38.62455 | -77.27419 | Extended Detention  | 7.70              | 2.70                 | 2.51               | 2.50               | CBP Established Efficiency, Incremental     | 13.86  | 0.74  | 494.46    | 0.41%                    | 0.03  | 0.00 | 3.52     | 13.83   | 0.74  | 490.94    |
| <b>Planned Projects</b>   |                                  |               |                 |          |           |                     |                   |                      |                    |                    |   |  |       |           |                          |   |      |          |   |       |           |
| 169                       | SWM Facility #28                 | Construction  | 2017            | 38.68411 | -77.27122 | Wet Pond            | 74.97             | 21.10                | 34.63              | 19.24              | CBP Retrofits Expert Panel, ST, Incremental | 67.40  | 5.81  | 5,409.80  | 8.34%                    | 5.74  | 0.68 | 566.70   | 61.65   | 5.13  | 4,843.10  |
| 16                        | SWM Facility #147                | Construction  | 2017            | 38.61010 | -77.31428 | Constructed Wetland | 45.24             | 15.28                | 24.02              | 5.93               | CBP Retrofits Expert Panel, ST, Incremental | 68.18  | 6.61  | 5,808.09  | 10.44%                   | 4.17  | 0.47 | 388.79   | 64.01   | 6.14  | 5,419.30  |
| 173                       | SWM Facility #489                | Design        | 2017            | 38.68457 | -77.29579 | Extended Detention  | 82.12             | 32.67                | 36.52              | 12.92              | CBP Established Efficiency, Incremental     | 162.85                                       | 9.05  | 5,943.86  | 15.04%                   | 11.28   | 1.33 | 1,105.74 | 151.57  | 7.72  | 4,838.12  |
| 190                       | SWM Facility #109                | Design        | 2017            | 38.72093 | -77.41199 | Extended Detention  | 72.52             | 9.79                 | 21.94              | 40.78              | CBP Established Efficiency, Incremental     | 99.29  | 3.92  | 2,415.91  | 11.36%                   | 7.00  | 0.75 | 611.50   | 92.29   | 3.17  | 1,804.41  |
| 191                       | SWM Facility #424                | Design        | 2017            | 38.57761 | -77.30891 | Constructed Wetland | 92.01             | 39.01                | 41.88              | 11.11              | CBP Retrofits Expert Panel, ST, Incremental | 239.05                                       | 37.64 | 28,053.69 | 19.75%                   | 21.34   | 3.14 | 2,763.32 | 217.71  | 34.49 | 25,290.37 |
| 60                        | SWM Facility #91                 | Further Study | 2018            | 38.79483 | -77.50565 | Constructed Wetland | 25.48             | 14.02                | 11.26              | 0.19               | CBP Retrofits Expert Panel, ST, Incremental | 73.68  | 12.59 | 9,579.11  | 0.84%                    | 0.27  | 0.04 | 37.52    | 73.41   | 12.54 | 9,541.59  |