

**FY'20 ESTIMATES FROM**  
**SIX-YEAR CAPITAL IMPROVEMENTS PROGRAM - WATER**  
(In Thousands)

| <b><u>PROJECT<br/>NUMBER</u></b>               | <b><u>PROJECT NAME</u></b>                                     | <b><u>LAND AND<br/>RIGHTS OF WAY</u></b> | <b><u>PLANNING/<br/>DESIGN FEES</u></b> | <b><u>CONSTRUCTION<br/>COSTS</u></b> | <b><u>OTHER COSTS</u></b> | <b><u>FY'20 TOTAL</u></b> |
|------------------------------------------------|----------------------------------------------------------------|------------------------------------------|-----------------------------------------|--------------------------------------|---------------------------|---------------------------|
| <b><u>MONTGOMERY COUNTY</u></b>                |                                                                |                                          |                                         |                                      |                           |                           |
| W-3.02                                         | Olney Standpipe Replacement                                    | \$ -                                     | \$ 101                                  | \$ 50                                | \$ 23                     | \$ 174                    |
| W-46.15                                        | Clarksburg Elevated Water Storage Facility                     | -                                        | 10                                      | -                                    | 2                         | 12                        |
| W-46.24                                        | Clarksburg Area Stage 3 Water Main, Part 4                     | -                                        | 32                                      | 204                                  | 35                        | 271                       |
| W-46.25                                        | Clarksburg Area Stage 3 Water Main, Part 5                     | -                                        | -                                       | 345                                  | 52                        | 397                       |
| W-90.04                                        | Brink Zone Reliability Improvements                            | -                                        | 422                                     | 5,110                                | 553                       | 6,085                     |
| W-113.20                                       | White Oak Water Augmentation                                   | -                                        | 300                                     | -                                    | 45                        | 345                       |
| W-138.02                                       | Shady Grove Standpipe Replacement                              | -                                        | 10                                      | -                                    | 1                         | 11                        |
| <b><u>MONTGOMERY COUNTY SUBTOTALS</u></b>      |                                                                | <b>\$ -</b>                              | <b>\$ 875</b>                           | <b>\$ 5,709</b>                      | <b>\$ 711</b>             | <b>\$ 7,295</b>           |
| <b><u>BI-COUNTY</u></b>                        |                                                                |                                          |                                         |                                      |                           |                           |
| W-73.22                                        | Potomac WFP Pre-Filter Chlorination & Air Scour Improvements   | \$ -                                     | \$ 680                                  | \$ 6,593                             | \$ 727                    | \$ 8,000                  |
| W-73.32                                        | Potomac WFP Main Zone Pipeline                                 | -                                        | 400                                     | -                                    | 60                        | 460                       |
| W-73.33                                        | Potomac WFP Consent Decree Program                             | -                                        | 3,500                                   | 6,000                                | 475                       | 9,975                     |
| W-139.02                                       | Duckett & Brighton Dam Upgrades                                | -                                        | 421                                     | 5,795                                | 622                       | 6,838                     |
| W-161.01                                       | Large Diameter Water Pipe & Large Valve Rehabilitation Program | -                                        | 5,861                                   | 32,601                               | 1,923                     | 40,385                    |
| W-172.07                                       | Patuxent Raw Water Pipeline                                    | -                                        | 200                                     | 7,600                                | 780                       | 8,580                     |
| W-172.08                                       | Rocky Gorge Pump Station Upgrade                               | -                                        | 339                                     | 593                                  | 93                        | 1,025                     |
| W-202.00                                       | Land & Rights-of-Way Acquisition - Bi-County Water             | 1,720                                    | -                                       | -                                    | -                         | 1,720                     |
| <b><u>BI-COUNTY SUBTOTALS</u></b>              |                                                                | <b>\$ 1,720</b>                          | <b>\$ 11,401</b>                        | <b>\$ 59,182</b>                     | <b>\$ 4,680</b>           | <b>\$ 76,983</b>          |
| <b><u>PRINCE GEORGE'S COUNTY</u></b>           |                                                                |                                          |                                         |                                      |                           |                           |
| W-12.02                                        | Prince George's County HG415 Zone Water Main                   | \$ -                                     | \$ 3                                    | \$ 1,854                             | \$ 279                    | \$ 2,136                  |
| W-34.02                                        | Old Branch Avenue Water Main                                   | -                                        | 150                                     | 6,000                                | 616                       | 6,766                     |
| W-34.03                                        | Water Transmission Improvements 385B Pressure Zone             | -                                        | 3                                       | 1,000                                | 100                       | 1,103                     |
| W-34.04                                        | Branch Avenue Water Transmission Improvements                  | -                                        | 40                                      | 9,700                                | 974                       | 10,714                    |
| W-34.05                                        | Marlboro Zone Reinforcement Main                               | -                                        | 150                                     | 2,450                                | 390                       | 2,990                     |
| W-62.05                                        | Clinton Zone Water Storage Facility Implementation             | -                                        | 50                                      | 325                                  | 38                        | 413                       |
| W-65.10                                        | St. Barnabas Elevated Tank Replacement                         | -                                        | 11                                      | -                                    | 1                         | 12                        |
| W-84.02                                        | Ritchie Marlboro Road Transmission Main & PRV                  | -                                        | 2                                       | 20                                   | 3                         | 25                        |
| W-84.03                                        | Smith Home Farms Water Main                                    | -                                        | 66                                      | 315                                  | 57                        | 438                       |
| W-84.04                                        | Westphalia Town Center Water Main                              | -                                        | 64                                      | 220                                  | 43                        | 327                       |
| W-84.05                                        | Prince George's County 450A Zone Water Main                    | -                                        | 612                                     | -                                    | 31                        | 643                       |
| W-93.01                                        | Konterra Town Center East Water Main                           | -                                        | 81                                      | 540                                  | 93                        | 714                       |
| W-105.01                                       | Marlton Section 18 Water Main, Lake Marlton Avenue             | -                                        | 44                                      | 319                                  | 54                        | 417                       |
| W-111.05                                       | Hillmeade Road Water Main                                      | -                                        | 2                                       | 20                                   | 3                         | 25                        |
| W-120.14                                       | Villages of Timothy Water Main, Part 1                         | -                                        | 32                                      | 196                                  | 34                        | 262                       |
| W-137.03                                       | South Potomac Supply Improvement, Phase 2                      | -                                        | 620                                     | -                                    | 31                        | 651                       |
| <b><u>PRINCE GEORGE'S COUNTY SUBTOTALS</u></b> |                                                                | <b>\$ -</b>                              | <b>\$ 1,930</b>                         | <b>\$ 22,959</b>                     | <b>\$ 2,747</b>           | <b>\$ 27,636</b>          |
| <b><u>GRAND TOTAL WATER PROJECTS</u></b>       |                                                                | <b>\$ 1,720</b>                          | <b>\$ 14,206</b>                        | <b>\$ 87,850</b>                     | <b>\$ 8,138</b>           | <b>\$ 111,914</b>         |

**FY'20 ESTIMATES FROM**  
**SIX-YEAR CAPITAL IMPROVEMENTS PROGRAM - SEWER**  
(In Thousands)

| <b><u>PROJECT<br/>NUMBER</u></b>               | <b><u>PROJECT NAME</u></b>                           | <b><u>LAND AND<br/>RIGHTS OF WAY</u></b> | <b><u>PLANNING/<br/>DESIGN FEES</u></b> | <b><u>CONSTRUCTION<br/>COSTS</u></b> | <b><u>OTHER COSTS</u></b> | <b><u>FY'20 TOTAL</u></b> |
|------------------------------------------------|------------------------------------------------------|------------------------------------------|-----------------------------------------|--------------------------------------|---------------------------|---------------------------|
| <b><u>MONTGOMERY COUNTY</u></b>                |                                                      |                                          |                                         |                                      |                           |                           |
| S-84.60                                        | Cabin Branch Wastewater Pumping Station              | -                                        | 52                                      | 1,167                                | 183                       | 1,402                     |
| S-84.61                                        | Cabin Branch WWPS Force Main                         | -                                        | 34                                      | 148                                  | 27                        | 209                       |
| S-84.67                                        | Milestone Center Sewer Main                          | -                                        | 126                                     | 315                                  | 66                        | 507                       |
| S-84.68                                        | Clarksburg Wastewater Pumping Station                | -                                        | 160                                     | 1,000                                | 175                       | 1,335                     |
| S-84.69                                        | Clarksburg WWPS Force Main                           | -                                        | 1                                       | 20                                   | 1                         | 22                        |
| S-85.21                                        | Shady Grove Station Sewer Augmentation               | -                                        | 15                                      | 1,068                                | 162                       | 1,245                     |
| S-94.13                                        | Damascus Towne Center WWPS Replacement               | -                                        | 450                                     | -                                    | 70                        | 520                       |
| S-94.14                                        | Spring Gardens WWPS Replacement                      | -                                        | 800                                     | -                                    | 121                       | 921                       |
| S-103.16                                       | Cabin John Trunk Sewer Relief                        | -                                        | 257                                     | 1,307                                | 156                       | 1,720                     |
| <b><u>MONTGOMERY COUNTY SUBTOTALS</u></b>      |                                                      | <b><u>\$ -</u></b>                       | <b><u>\$ 1,895</u></b>                  | <b><u>\$ 5,025</u></b>               | <b><u>\$ 961</u></b>      | <b><u>\$ 7,881</u></b>    |
| <b><u>BI-COUNTY</u></b>                        |                                                      |                                          |                                         |                                      |                           |                           |
| S-22.06                                        | Blue Plains WWTP: Liquid Train Projects, Part 2      | \$ -                                     | \$ 2,294                                | \$ 20,311                            | \$ 226                    | \$ 22,831                 |
| S-22.07                                        | Blue Plains WWTP: Biosolids Management, Part 2       | -                                        | 1,498                                   | 8,565                                | 101                       | 10,164                    |
| S-22.09                                        | Blue Plains WWTP: Plant-wide Projects                | -                                        | 2,558                                   | 7,825                                | 104                       | 10,487                    |
| S-22.10                                        | Blue Plains WWTP: Enhanced Nutrient Removal          | -                                        | 942                                     | 550                                  | 15                        | 1,507                     |
| S-22.11                                        | Blue Plains: Pipelines & Appurtenances               | -                                        | 3,644                                   | 13,304                               | 169                       | 17,117                    |
| S-103.02                                       | Piscataway WRRF Bio-Energy Project                   | -                                        | 9,150                                   | 46,200                               | 2,768                     | 58,118                    |
| S-170.08                                       | Septage Discharge Facility Planning & Implementation | -                                        | 360                                     | 10,800                               | 1,116                     | 12,276                    |
| S-170.09                                       | Trunk Sewer Reconstruction Program                   | -                                        | 14,921                                  | 54,372                               | 6,033                     | 75,326                    |
| S-203.00                                       | Land & Rights-of-Way Acquisition - Bi-County Sewer   | 50                                       | -                                       | -                                    | -                         | 50                        |
| <b><u>BI-COUNTY SUBTOTALS</u></b>              |                                                      | <b><u>\$ 50</u></b>                      | <b><u>\$ 35,367</u></b>                 | <b><u>\$ 161,927</u></b>             | <b><u>\$ 10,532</u></b>   | <b><u>\$ 207,876</u></b>  |
| <b><u>PRINCE GEORGE'S COUNTY</u></b>           |                                                      |                                          |                                         |                                      |                           |                           |
| S-27.08                                        | Westphalia Town Center Sewer Main                    | \$ -                                     | \$ 21                                   | \$ 95                                | \$ 17                     | \$ 133                    |
| S-43.02                                        | Broad Creek WWPS Augmentation                        | -                                        | 159                                     | 3,480                                | 182                       | 3,821                     |
| S-57.92                                        | Western Branch Facility Upgrade                      | -                                        | 25                                      | 200                                  | 10                        | 235                       |
| S-68.01                                        | Landover Mall Redevelopment                          | -                                        | 76                                      | 473                                  | 82                        | 631                       |
| S-75.19                                        | Brandywine Woods Wastewater Pumping Station          | -                                        | 14                                      | 47                                   | 9                         | 70                        |
| S-75.20                                        | Brandywine Woods WWPS Force Main                     | -                                        | 8                                       | 52                                   | 9                         | 69                        |
| S-75.21                                        | Mattawoman WWTP Upgrades                             | -                                        | -                                       | 4,174                                | -                         | 4,174                     |
| S-77.20                                        | Parkway North Substation Replacemen                  | -                                        | 150                                     | 2,000                                | 323                       | 2,473                     |
| S-86.19                                        | Karington Subdivision Sewer                          | -                                        | 3                                       | 155                                  | 24                        | 182                       |
| S-96.14                                        | Piscataway WRRF Facility Upgrades                    | -                                        | 3,496                                   | 32,913                               | 1,820                     | 38,229                    |
| S-131.05                                       | Pleasant Valley Sewer Main, Part 2                   | -                                        | 54                                      | 299                                  | 53                        | 406                       |
| S-131.07                                       | Pleasant Valley Sewer Main, Part 1                   | -                                        | 110                                     | 758                                  | 131                       | 999                       |
| S-131.10                                       | Fort Washington Forest No. 1 WWPS Augmentation       | -                                        | 74                                      | 541                                  | 92                        | 707                       |
| S-157.02                                       | Western Branch WRRF Process Train Improvements       | -                                        | 700                                     | 2,500                                | 320                       | 3,520                     |
| <b><u>PRINCE GEORGE'S COUNTY SUBTOTALS</u></b> |                                                      | <b><u>\$ -</u></b>                       | <b><u>\$ 4,890</u></b>                  | <b><u>\$ 47,687</u></b>              | <b><u>\$ 3,072</u></b>    | <b><u>\$ 55,649</u></b>   |
| <b><u>GRAND TOTAL SEWER PROJECTS</u></b>       |                                                      | <b><u>\$ 50</u></b>                      | <b><u>\$ 42,152</u></b>                 | <b><u>\$ 214,639</u></b>             | <b><u>\$ 14,565</u></b>   | <b><u>\$ 271,406</u></b>  |