

**Montgomery County's Fiscal Year 2018  
Financial Assurance Plan  
February 15, 2019**

**Executive Summary**

The submission of Montgomery County's Financial Assurance Plan (FAP) to the Maryland Department of the Environment (MDE) fulfills requirements specified in Section 4-202.1 of the Environment Article, Maryland Code. This plan is being filed with MDE in order to document all actions implemented by Montgomery County to comply with its National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit (06-DP-3320 MD0068349, effective February 16, 2010), document annual and projected 5 year costs to meet the impervious surface restoration (ISR) requirement, and demonstrate the County's ability to pay for these activities through the Water Quality Protection Charge (WQPC). The FAP addresses the activities completed for FY10 through FY18, and the planned and programmed activities from FY19 through FY23. The costs for completing the ISR requirement for the 2010 permit are included as well as the costs for continuing the operational programs associated with the 2010 permit.

Montgomery County's MS4 permit covers stormwater discharges from the MS4 in the County and requires the implementation of restoration in a watershed, or combination of watersheds, to restore 20% of the impervious surface area that is not restored to the maximum extent practicable (MEP). The County's baseline, which has previously been approved by MDE, identifies 18,889 impervious acres with either no or partial stormwater treatment, requiring the equivalent of 3,778 impervious acres to be restored to meet the 20% criterion.

The completion and submission of the FAP is required every two years with the first submittal made on June 30, 2016 and the second FAP due on or before the anniversary date of the County's MS4 permit (February 16, 2019). According to the requirements for completing the attached FAP, all restoration activities completed by June 30, 2018 are classified as completed activities and their actual costs are reported. These activities include a variety of projects with a variety of funding sources as described below.

- Capital Improvements Program (CIP) projects funded by the WQPC, Other Departmental Funds and the General Fund
- CIP projects funded by General Obligation Bonds, Water Quality Protection Revenue Bonds
- CIP projects partially funded by State and Federal Grants
- Operational programs including street sweeping, inlet cleaning and septic pumping

Other restoration activities include voluntary best management practice (BMP) implementation, tree planting, septic system connections to sanitary sewer, septic system upgrades to

denitrification systems, and redevelopment projects treating existing uncontrolled impervious areas. Funding for voluntary BMP implementation includes WQPC funds made available through the County's Watershed Management Grants and RainScapes programs and earned WQPC credits. Funding for tree planting includes the County's Tree Canopy Conservation Fund, other departmental funds and state grants. Costs for septic system connections to the sanitary sewer system are managed through the Washington Sanitary Sewer Commission (WSSC); County funds are not used for this activity. Septic system upgrades to denitrification systems are funded through Bay Restoration Fund (BRF) grants. BMPs installed to treat existing untreated impervious areas as part of the development and redevelopment processes are paid for by the developer.

The County's MS4 permit was issued on February 16, 2010 with the requirement that the 20% impervious surface restoration (ISR) plan be completed by the end of the permit term (February 15, 2015). When the County's permit expired in 2015, only 1,774 acres had been restored, meaning that the County was out of compliance. The County and MDE signed a consent decree in April 2018 requiring completion of the ISR plan by December 31, 2020, as well as a penalty of \$300,000 that could be put towards implementation of supplemental environmental projects (SEPs) completed no later than December 31, 2020. The County's expired permit remains in effect until a new permit is issued, which MDE has indicated will be in Summer 2019.

The County completed the required SEPs in October 2018 and will complete the 20% ISR plan by December 31, 2018. A major tenet of the FAP is to demonstrate the financial wherewithal for meeting MS4 permit ISR requirements. Because the County will have satisfied its consent decree and completed the 2010 permit's ISR requirements by the end of calendar year 2018, this FAP only includes costs for projects completed through FY19. It does not include costs for any projects that are currently in design or in construction, nor does it project any additional CIP project implementation beyond FY19. Ongoing costs for operational programs (including street sweeping, inlet cleaning and septic pumping) and debt service will continue and are projected beyond FY19.

It is important to note that the FAP, by design, does not capture all of the costs associated with implementation of the County's MS4 program as a whole. The FAP only includes costs related to ISR. There are some projects that treat impervious areas at no cost to the county and inclusion of these projects makes the cost of ISR appear artificially low. In addition, once built, CIP projects must be inspected and maintained to ensure that they continue to provide water quality treatment as designed. These costs are not directly related to ISR and so are not reflected in the FAP.

It is also important to note the following specific differences between Table 2 (projected annual and 5-year costs) and Tables 1 (actions required to meet the permit requirements) and 5 (specific actions and expenditures):

- Tables 1 and 5 include implementation of BMPs that were paid for using Operating funds and are therefore presented under Operational Programs rather than under Capital Projects.

- Some of the line items for Operating programs like RainScapes in Table 2 reflect higher costs than their corresponding line items in Tables 1 and 5. This is because Tables 1 and 5 only provide the rebate amount for each project, whereas Table 2 captures personnel, equipment, and other administrative costs associated with the RainScapes program.
- The Capital Expenditures in Table 2 include planning, personnel and project management costs associated with projects that will be completed to satisfy future permit requirements. These costs are not easily separated from the CIP expenditures and as a result, the Capital Expenditures in Table 2 exceed the total implementation cost of CIP projects in Tables 1 and 5.

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MS4 Information

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|  |  |
|--|--|
| Jurisdiction                           | Montgomery County  |
| Contact Name                           | Amy Stevens  |
| Phone                                  | 240-777-7766   |
| Address                                | 255 Rockville Pike, Suite 120  |
| City                                   | Rockville  |
| State                                  | MD   |
| Zip                                    | 20850  |
| Email                                  | <a href="mailto:Amy.Stevens@Montgomerycountymd.gov">Amy.Stevens@Montgomerycountymd.gov</a> |
| Baseline Treatment Requirement (Acres) | 3778   |
| Permit Num                             | 06-DP-3320 MD0068349   |
| Reporting Year                         | FY18   |

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**Check with MDE Geodatabase:**

Should match Permit info table of Geodatabase, except for Impervious Acre Baseline-- that should match Impervious Surface Table.

VERSION 2-28-18

**Article 4-202.1(j)(1)(i)1: Actions that will be required of the county or municipality to meet the requirements of its National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.**

Note: To identify all "actions" required under the MS4 permit, provide an executive summary of the jurisdiction's MS4 programs. See MDE's FAP Guidance. For proposed actions to meet the impervious surface restoration plan, fill in the table below.

Baseline:

3,778

Requirement:

20%

| REST BMP TYPE*  | BMP CLASS | IMP ACRES | IMPL COST     | % ISRP COMPLETE | IMPL STATUS** | PROJECTED IMPL YR |
|---|-----------|-----------|---------------|-----------------|---------------|-------------------|
| <b>Operational Programs</b>   |           |           |               |                 |               |                   |
| CBC   | A         | 58.00     | \$ 2,856,455  | 1.5%            | Complete      |                   |
| CBC   | A         | 58.00     | \$ 466,000    | 1.5%            | Projected     | FY19              |
| CBC   | A         | 58.00     | \$ 466,000    | 1.5%            | Projected     | FY20              |
| CBC   | A         | 58.00     | \$ 466,000    | 1.5%            | Projected     | FY21              |
| CBC   | A         | 58.00     | \$ 466,000    | 1.5%            | Projected     | FY22              |
| CBC   | A         | 58.00     | \$ 466,000    | 1.5%            | Projected     | FY23              |
| VSS   | A         | 183.20    | \$ 1,550,559  | 4.8%            | Complete      |                   |
| VSS   | A         | 183.20    | \$ 306,507    | 4.8%            | Projected     | FY19              |
| VSS   | A         | 183.20    | \$ 306,507    | 4.8%            | Projected     | FY20              |
| VSS   | A         | 183.20    | \$ 306,507    | 4.8%            | Projected     | FY21              |
| VSS   | A         | 183.20    | \$ 306,507    | 4.8%            | Projected     | FY22              |
| VSS   | A         | 183.20    | \$ 306,507    | 4.8%            | Projected     | FY23              |
| SEPP  | A         | 60.00     | \$ -          | 1.6%            | Complete      |                   |
| SEPP  | A         | 60.00     | \$ -          | 1.6%            | Projected     | FY19              |
| SEPP  | A         | 60.00     | \$ -          | 1.6%            | Projected     | FY20              |
| SEPP  | A         | 60.00     | \$ -          | 1.6%            | Projected     | FY21              |
| SEPP  | A         | 60.00     | \$ -          | 1.6%            | Projected     | FY22              |
| SEPP  | A         | 60.00     | \$ -          | 1.6%            | Projected     | FY23              |
| SEPD  | A         | 36.14     | \$ -          | 1.0%            | Complete      |                   |
| SEPC  | A         | 153.66    | \$ -          | 4.1%            | Complete      |                   |
| AGRE  | E         | 0.59      | \$ 9,900      | 0.0%            | Complete      |                   |
| APRP  | E         | 4.40      | \$ 226,838    | 0.1%            | Complete      |                   |
| ESD   | E         | 23.00     | \$ -          | 0.6%            | Complete      |                   |
| FPU   | A         | 87.25     | \$ 1,909,353  | 2.3%            | Complete      |                   |
| IMPP  | A         | 0.85      | \$ 32,621     | 0.0%            | Complete      |                   |
| MIDW  | E         | 1.76      | \$ 49,249     | 0.0%            | Complete      |                   |
| MRNG  | E         | 36.29     | \$ 1,235,735  | 1.0%            | Complete      |                   |
| MRWH  | E         | 17.24     | \$ 86,990     | 0.5%            | Complete      |                   |
| MSWB  | E         | -         | \$ 25,007     | 0.0%            | Complete      |                   |
| Average Operations Next Two Years (FY2019-FY2020)***                    |           | 301.20    | \$ 1,545,014  | 8.0%            |               |                   |
| Average Operations Permit Term (FY2014-FY2019)****†                     |           | 662.38    | \$ 8,755,215  | 17.5%           |               |                   |
| Average Operations Permit Term and Projected Years (FY2014-FY2023)****† |           | 662.38    | \$ 11,845,243 | 17.5%           |               |                   |
| <b>Capital Projects</b>   |           |           |               |                 |               |                   |
| Facility Planning   | [blank]   | -         | \$ 7,149,301  | 0.0%            | Complete      |                   |
| APRP  | E         | 5.22      | \$ 2,097,420  | 0.1%            | Complete      |                   |
| APRP  | E         | 1.23      | \$ 584,192    | 0.0%            | Complete      | FY19              |
| FBIO  | E         | 30.82     | \$ 6,367,817  | 0.8%            | Complete      |                   |
| FPU   | A         | 2.99      | \$ -          | 0.1%            | Complete      |                   |
| FSND  | S         | 1.04      | \$ 104,021    | 0.0%            | Complete      |                   |
| FUND  | S         | 0.85      | \$ 372,667    | 0.0%            | Complete      |                   |
| GABION  | A         | 1.75      | \$ -          | 0.0%            | Complete      |                   |
| IMPF  | A         | 0.03      | \$ -          | 0.0%            | Complete      |                   |
| IMPP  | A         | 0.46      | \$ -          | 0.0%            | Complete      |                   |
| ITRN  | S         | 0.58      | \$ 187,983    | 0.0%            | Complete      |                   |
| MMBR  | E         | 28.85     | \$ 9,337,448  | 0.8%            | Complete      |                   |
| MMBR  | E         | 3.05      | \$ 2,267,580  | 0.1%            | Complete      | FY19              |
| MRNG  | E         | 24.59     | \$ 5,274,385  | 0.7%            | Complete      |                   |
| MRNG  | E         | -         | \$ 193,127    | 0.0%            | Complete      | FY19              |
| MSGW  | E         | 1.68      | \$ -          | 0.0%            | Complete      |                   |
| MSWG  | E         | 35.62     | \$ 2,849,483  | 0.9%            | Complete      |                   |
| OTH   | E         | 0.21      | \$ 37,565     | 0.0%            | Complete      |                   |
| OTH   | S         | -         | \$ 750,703    | 0.0%            | Complete      |                   |
| OUTS  | A         | 3.48      | \$ -          | 0.1%            | Complete      |                   |
| PWED  | S         | 755.52    | \$ 21,669,253 | 20.0%           | Complete      |                   |
| PWED  | S         | 113.64    | \$ 4,824,830  | 3.0%            | Complete      | FY19              |
| PWET  | S         | 15.89     | \$ 1,035,806  | 0.4%            | Complete      |                   |
| STRE  | A         | 331.50    | \$ 13,469,657 | 8.8%            | Complete      |                   |
| WEDW  | S         | 73.49     | \$ -          | 1.9%            | Complete      |                   |
| WSHW  | S         | 141.37    | \$ 784,282    | 3.7%            | Complete      |                   |
| XDED  | S         | 421.47    | \$ 15,365,746 | 11.2%           | Complete      |                   |
| XDED  | S         | 60.30     | \$ 8,642,041  | 1.6%            | Complete      | FY19              |
| XOTH  | X         | 130.35    | \$ 445,035    | 3.5%            | Complete      |                   |

| REST BMP TYPE*  | BMP CLASS | IMP ACRES       | IMPL COST             | % ISRP COMPLETE | IMPL STATUS** | PROJECTED IMPL YR |
|---|-----------|-----------------|-----------------------|-----------------|---------------|-------------------|
| Subtotal Capital Next Two Years (FY2019-FY2020)                   |           | 178.22          | \$ 16,511,770         | 4.7%            |               |                   |
| Subtotal Capital Permit Term (FY2014-FY2019)†                     |           | 2,185.99        | \$ 103,810,341        | 57.9%           |               |                   |
| Subtotal Capital Permit Term and Projected Years (FY2014-FY2023)† |           | 2,185.99        | \$ 103,810,341        | 57.9%           |               |                   |
| <b>Other</b>  |           |                 |                       |                 |               |                   |
| REDE  |           | 933.43          | \$ 615,387            | 24.7%           | Complete      |                   |
| Subtotal Other Next Two Years (FY2019-FY2020)                     |           | -               | \$ -                  | 0.0%            |               |                   |
| Subtotal Other Permit Term (FY2014-FY2019)†                       |           | 933.43          | \$ 615,387            | 24.7%           |               |                   |
| Subtotal Other Permit Term and Projected Years (FY2014-FY2023)†   |           | 933.43          | \$ 615,387            | 24.7%           |               |                   |
| <b>Total Next Two Years (FY2019-FY2020)</b>                       |           | <b>479.42</b>   | <b>\$ 18,056,784</b>  | <b>12.7%</b>    |               |                   |
| <b>Total Permit Term (FY2014-FY2019)†</b>                         |           | <b>3,781.79</b> | <b>\$ 113,180,943</b> | <b>100.1%</b>   |               |                   |
| <b>Total Permit Term and Projected Years (FY2014-FY2023)†</b>     |           | <b>3,781.79</b> | <b>\$ 116,270,971</b> | <b>100.1%</b>   |               |                   |

**Check with MDE Geodatabase:**

Type, class, impervious acres, implementation cost and implementation status should match the various geodatabase tables for BMPs (AltBMPLine, AltBMPPoint, AltBMPPoly, and RestBMP)-- aggregated by type and status.

\*Use BMP domains from MDE Geodatabase.

\*\*Complete, Under Construction, Planning, or Proposed

\*\*\*IMPL COST is a summation and not an average.

†Montgomery County's permit term began in FY2010

**Article 4-202.1(j)(1)(i)2: Projected annual and 5-year costs for the county or municipality to meet the impervious surface restoration plan requirements of its National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.**

| DESCRIPTION  | PAST<br>UP THRU<br>FY 2017† | CURRENT<br>YEAR<br>FY 2018 | PROJECTED<br>YEAR 1<br>FY 2019 | PROJECTED<br>YEAR 2<br>FY 2020 | PROJECTED<br>YEAR 3<br>FY 2021 | PROJECTED<br>YEAR 4<br>FY 2022 | PROJECTED<br>YEAR 5<br>FY 2023 | TOTAL<br>COSTS        |
|--|-----------------------------|----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------|
| <b>Operating Expenditures (costs)</b>              |                             |                            |                                |                                |                                |                                |                                |                       |
| Street Sweeping Program                            | \$ 1,244,052                | \$ 306,507                 | \$ 306,507                     | \$ 306,507                     | \$ 306,507                     | \$ 306,507                     | \$ 306,507                     | \$ 3,083,094          |
| Inlet Cleaning                                     | \$ 2,390,455                | \$ 466,000                 | \$ 466,000                     | \$ 466,000                     | \$ 466,000                     | \$ 466,000                     | \$ 466,000                     | \$ 5,186,455          |
| Tree Montgomery                                    | \$ 1,009,764                | \$ 502,213                 | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 1,511,977          |
| Oaks Urban Forest Planting (DNR Grant)             | \$ 257,400                  | \$ -                       | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 257,400            |
| Watershed Implementation Grants                    | \$ 546,201                  | \$ 62,357                  | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 608,558            |
| New BMPs Treating Existing Imp Area                | \$ 308,077                  | \$ 307,310                 | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 615,387            |
| RainScapes Rewards                                 | \$ 2,873,109                | \$ 778,540                 | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 3,651,649          |
| Debt Service Payment                               | \$ 18,064,094               | \$ 6,100,007               | \$ 6,148,600                   | \$ 6,149,400                   | \$ 6,152,050                   | \$ 6,149,100                   | \$ 6,150,900                   | \$ 54,914,151         |
| <b>Capital Expenditures (costs)</b>                |                             |                            |                                |                                |                                |                                |                                |                       |
| G.O Bonds  | \$ 1,645,000                | \$ -                       | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 1,645,000          |
| General Fund (Paygo)                               | \$ 390,000                  | \$ -                       | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 390,000            |
| Fed Aid  | \$ 331,000                  | \$ -                       | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 331,000            |
| State Aid  | \$ 18,087,000               | \$ 2,581,000               | \$ 485,700                     | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 21,153,700         |
| Water Quality Protection Charge (WQPC) CIP (Paygo) | \$ 12,623,000               | \$ 4,220,000               | \$ 4,119,979                   | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 20,962,979         |
| WQPC Bonds   | \$ 58,231,000               | \$ 10,871,000              | \$ 2,700,000                   | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 71,802,000         |
| Stormwater Management Waiver Fee (Paygo)           | \$ 1,530,000                | \$ 591,000                 | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 2,121,000          |
| Contributions (Paygo)                              | \$ -                        | \$ 844,000                 | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 844,000            |
| MDE Loans  | \$ -                        | \$ -                       | \$ 2,322,870                   | \$ -                           | \$ -                           | \$ -                           | \$ -                           | \$ 2,322,870          |
| Subtotal operation and paygo:                      | \$ 41,236,152               | \$ 14,177,934              | \$ 11,041,086                  | \$ 6,921,907                   | \$ 6,924,557                   | \$ 6,921,607                   | \$ 6,923,407                   | \$ 94,146,650         |
| <b>Total expenditures:</b>                         | <b>\$ 119,530,152</b>       | <b>\$ 27,629,934</b>       | <b>\$ 16,549,656</b>           | <b>\$ 6,921,907</b>            | <b>\$ 6,924,557</b>            | <b>\$ 6,921,607</b>            | <b>\$ 6,923,407</b>            | <b>\$ 191,401,220</b> |

Total ISRP costs except debt service: \$ 136,487,069  
 Compare ISRP costs (except debt service) / total ISRP proposed actions: 117%

**Check with MDE Geodatabase:**

The total current FY 2018 expenditure should be less than the combined total of the "OP\_cost" and "CAP\_Cost" fields in the fiscal analyses table of the geodatabase.

The total projected FY 2019 expenditure should be less than the combined total of the "OP\_budget" and "CAP\_budget" fields in the fiscal analyses table of the geodatabase.

\*Insert additional rows as necessary.

†Montgomery County's permit term began in FY2010

**Article 4-202.1(j)(1)(i)3: Projected annual and 5-year revenues or other funds that will be used to meet the cost for the county or municipality to meet the impervious surface restoration plan requirements under the National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.**

| DESCRIPTION                            | PAST UP THRU 2017† | CURRENT YEAR FY 2018 | PROJECTED YEAR 1 FY 2019 | PROJECTED YEAR 2 FY 2020 | PROJECTED YEAR 3 FY 2021 | PROJECTED YEAR 4 FY 2022 | PROJECTED YEAR 5 FY 2023 | TOTAL NEXT 2-YEARS FY 19-20* | TOTAL          |
|--|--------------------|----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------------|----------------|
| Annual Revenue** Appropriated for ISRP | \$ 119,530,152     | \$ 27,629,934        | \$ 16,608,107            | \$ 6,921,907             | \$ 6,924,557             | \$ 6,921,607             | \$ 6,923,407             | \$ 23,530,014                | \$ 191,459,671 |
| Annual Costs towards ISRP***           | \$ 119,530,152     | \$ 27,629,934        | \$ 16,549,656            | \$ 6,921,907             | \$ 6,924,557             | \$ 6,921,607             | \$ 6,923,407             | \$ 23,471,563                | \$ 191,401,220 |

Compare revenue appropriated / annual costs: **100%**  
WPRP 2016 Reporting Criteria **100%**

ISRP = Impervious Surface Restoration Program, or 20% Restoration Requirement

\* Article 4-202.1(j)(2): Demonstration that county or municipality has sufficient funding in the current fiscal year and subsequent fiscal year budgets to meet its estimated cost for the 2-year period immediately following the filing date of the FAP. Note that the appropriations and expenditures include time period up to FY 2020.

\*\* Revenue means "dedicated revenues, funds, or sources of funds (per Article 4-202.1(j)(4)(ii)). Note that budget appropriations have only been approved by governing bodies through FY 2018 at the time of FAP reporting.

\*\*\* See table of ISRP Cost.

†Montgomery County's permit term began in FY2010



**Article 4-202.1(j)(1)(i)4: Any sources of funds that will be utilized by the county or municipality to meet the requirements of its National Pollutant Discharge Elimination System Phase I  
Municipal Separate Storm Sewer System Permit.**

| <b>SOURCE</b>  | <b>PAST<br/>UP THRU<br/>2017†</b> | <b>CURRENT<br/>YEAR<br/>FY 2018</b> | <b>PROJECTED<br/>YEAR 1<br/>FY 2019</b> | <b>PROJECTED<br/>YEAR 2<br/>FY 2020</b> | <b>PROJECTED<br/>YEAR 3<br/>FY 2021</b> | <b>PROJECTED<br/>YEAR 4<br/>FY 2022</b> | <b>PROJECTED<br/>YEAR 5<br/>FY 2023</b> | <b>TOTAL<br/>PERMIT<br/>CYCLE</b> |
|--|-----------------------------------|-------------------------------------|---|---|---|---|---|-----------------------------------|
| <b>Paygo Sources</b>   |                                   |                                     |   |   |   |   |   |                                   |
| Water Quality Protection Charge  | \$ 180,277,310                    | \$ 37,897,874                       | \$ 37,415,935                           | \$ 37,378,058                           | \$ 39,245,668                           | \$ 41,222,796                           | \$ 43,840,160                           | \$ 255,591,119                    |
| Investment Income  | \$ 336,091                        | \$ 444,772                          | \$ 333,980                              | \$ 432,210                              | \$ 530,440                              | \$ 589,380                              | \$ 589,380                              | \$ 1,114,843                      |
| Miscellaneous  | \$ 28,127                         | \$ -                                | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 28,127                         |
| BMP Monitoring Fee   | \$ 1,083,175                      | \$ 11,754                           | \$ 50,000                               | \$ 50,000                               | \$ 50,000                               | \$ 50,000                               | \$ 50,000                               | \$ 1,144,929                      |
| Bag Tax Revenue  | \$ 13,232,650                     | \$ 2,574,126                        | \$ 2,471,921                            | \$ 2,471,921                            | \$ 2,471,921                            | \$ 2,471,921                            | \$ 2,471,921                            | \$ 18,278,697                     |
| Tree Canopy Fees   | \$ 1,900,024                      | \$ 819,250                          | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 2,719,274                      |
| General Fund (DEP)   | \$ 390,000                        | \$ -                                | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 390,000                        |
| Other Departmental Funds (DOT,DPS,DGS)   | \$ 30,299,856                     | \$ 4,141,748                        | \$ 4,141,748                            | \$ 4,141,748                            | \$ 4,141,748                            | \$ 4,141,748                            | \$ 4,141,748                            | \$ 38,583,352                     |
| Stormwater Management Waiver Fees  | \$ 1,530,000                      | \$ 591,000                          | \$ 295,000                              | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 2,416,000                      |
| Solid Waste Fund   | \$ 49,294,953                     | \$ 6,088,475                        | \$ 6,088,475                            | \$ 6,088,475                            | \$ 6,088,475                            | \$ 6,088,475                            | \$ 6,088,475                            | \$ 61,471,903                     |
| <b>Subtotal Paygo Sources</b>  | <b>\$ 278,372,186</b>             | <b>\$ 52,568,999</b>                | <b>\$ 50,797,059</b>                    | <b>\$ 50,562,412</b>                    | <b>\$ 52,528,252</b>                    | <b>\$ 54,564,320</b>                    | <b>\$ 57,181,684</b>                    | <b>\$ 381,738,244</b>             |
| <b>Debt Service (paygo sources will be used to pay off debt service. Note that previous appropriations for debt service used for ISRP is listed in FY 2017).</b> |                                   |                                     |   |   |   |   |   |                                   |
| General Obligation Bonds   | \$ 1,645,000                      | \$ -                                | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 1,645,000                      |
| Water Quality Protection Revenue Bonds   | \$ 60,643,000                     | \$ 12,807,000                       | \$ 3,569,641                            | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 77,019,641                     |
| State Revolving Loan Fund  | \$ -                              | \$ -                                | \$ 2,322,870                            | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 2,322,870                      |
| <b>Subtotal Debt Service</b>   | <b>\$ 62,288,000</b>              | <b>\$ 12,807,000</b>                | <b>\$ 5,892,511</b>                     | <b>\$ -</b>                             | <b>\$ -</b>                             | <b>\$ -</b>                             | <b>\$ -</b>                             | <b>\$ 80,987,511</b>              |
| <b>Grants and Partnerships (no payment is expected)</b>  |                                   |                                     |   |   |   |   |   |                                   |
| State funded grants  | \$ 18,238,492                     | \$ 2,581,000                        | \$ 485,700                              | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 21,305,192                     |
| Federal funded grants  | \$ 331,000                        | \$ -                                | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 331,000                        |
| Public-private partnership (matched grant)   | \$ -                              | \$ 844,000                          | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ -                                    | \$ 844,000                        |
| <b>Subtotal Grants and Partnerships</b>  | <b>\$ 18,569,492</b>              | <b>\$ 3,425,000</b>                 | <b>\$ 485,700</b>                       | <b>\$ -</b>                             | <b>\$ -</b>                             | <b>\$ -</b>                             | <b>\$ -</b>                             | <b>\$ 22,480,192</b>              |
| <b>Total Annual Sources of Funds</b>   | <b>\$ 359,229,678</b>             | <b>\$ 68,800,999</b>                | <b>\$ 57,175,270</b>                    | <b>\$ 50,562,412</b>                    | <b>\$ 52,528,252</b>                    | <b>\$ 54,564,320</b>                    | <b>\$ 57,181,684</b>                    | <b>\$ 485,205,947</b>             |
| <b>Percent of Funds Directed Toward ISRP</b>   |                                   |                                     |   |   |   |   |   |                                   |

Compare total permit term paygo ISRP costs / subtotal permit term paygo sources: 17%

Compare total permit term ISRP costs / total permit term annual sources of funds: 34%

\* WPR Fund: Watershed Protection and Restoration Fund.

**Check with MDE Geodatabase:**

The total sources related to WPR Funds in Current FY 2018 should march the "WPR\_Fund" field of the geodatabase.

†Montgomery County's permit term began in FY2010

**Article 4-202.1(j)(1)(i)5: Specific actions and expenditures that the county or municipality implemented in the previous fiscal years to meet its impervious surface restoration plan requirements under its National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit.**

Baseline:

3,778

Requirement:

20%

| REST BMP ID  | REST BMP TYPE | BMP CLASS | NUM BMP | IMP ACRES‡ | BUILT DATE† | IMPL COST    | % ISRP Complete | IMPL STATUS | GEN COMMENTS |
|--|---------------|-----------|---------|------------|-------------|--------------|-----------------|-------------|--------------|
| <b>Operational Programs</b>                            |               |           |         |            |             |              |                 |             |              |
| Catch Basin Cleaning                                   | CBC           | A         | 1       | 58.00      | 6/30/2018   | \$ 2,856,455 | 1.54%           | COMPLETE    |              |
| Street Sweeping  | VSS           | A         | 1       | 183.20     | 6/30/2018   | \$ 1,550,559 | 4.85%           | COMPLETE    |              |
| Septic Pumping   | SEPP          | A         | 2,000   | 60.00      | 6/30/2018   | \$ -         | 1.59%           | COMPLETE    |              |
| Septic Denitrification                                 | SEPD          | A         | 139     | 36.14      | 6/30/2018   | \$ -         | 0.96%           | COMPLETE    |              |
| WWTP Connections                                       | SEPC          | A         | 394     | 153.66     | 6/30/2018   | \$ -         | 4.07%           | COMPLETE    |              |
| Watershed Implementation Grants                        | MRNG          | E         | 6       | 0.79       | 6/30/2017   | \$ 190,371   | 0.02%           | COMPLETE    |              |
| Watershed Implementation Grants                        | MRNG          | E         | 23      | 4.43       | 6/30/2018   | \$ 274,178   | 0.12%           | COMPLETE    |              |
| Watershed Implementation Grants                        | MRWH          | E         | 9       | 0.13       | 6/30/2017   | \$ 38,352    | 0.00%           | COMPLETE    |              |
| Watershed Implementation Grants                        | FPU           | A         | 432     | 1.44       | 6/30/2017   | \$ 57,482    | 0.04%           | COMPLETE    |              |
| Watershed Implementation Grants                        | IMPP          | A         | 1       | 0.03       | 6/30/2017   | \$ 15,560    | 0.00%           | COMPLETE    |              |
| Watershed Implementation Grants                        | APRP          | E         | 1       | 0.00       | 6/30/2018   | \$ 47,500    | 0.00%           | COMPLETE    |              |
| Watershed Implementation Grants                        | MIDW          | E         | 13      | 0.31       | 6/30/2018   | \$ 36,015    | 0.01%           | COMPLETE    |              |
| Watershed Implementation Grants                        | MSWB          | E         | 3       | 0.00       | 6/30/2018   | \$ 25,007    | 0.00%           | COMPLETE    |              |
| Voluntary BMP Earned WQPC Credit                       | ESD           | E         | 63      | 23.00      | 6/30/2016   | \$ -         | 0.61%           | COMPLETE    |              |
| Street Trees   | FPU           | A         | 422     | 1.41       | 6/30/2011   | \$ -         | 0.04%           | COMPLETE    |              |
| Street Trees   | FPU           | A         | 437     | 1.46       | 6/30/2012   | \$ -         | 0.04%           | COMPLETE    |              |
| Street Trees   | FPU           | A         | 863     | 2.88       | 6/30/2013   | \$ -         | 0.08%           | COMPLETE    |              |
| Street Trees   | FPU           | A         | 848     | 2.83       | 6/30/2014   | \$ -         | 0.07%           | COMPLETE    |              |
| Street Trees   | FPU           | A         | 1,029   | 3.43       | 6/30/2015   | \$ -         | 0.09%           | COMPLETE    |              |
| Street Trees   | FPU           | A         | 1,652   | 5.51       | 6/30/2016   | \$ -         | 0.15%           | COMPLETE    |              |
| Street Trees   | FPU           | A         | 1,761   | 5.87       | 6/30/2017   | \$ -         | 0.16%           | COMPLETE    |              |
| Street Trees   | FPU           | A         | 1,719   | 5.73       | 6/30/2018   | \$ -         | 0.15%           | COMPLETE    |              |
| RainScapes Program                                     | FPU           | A         | 426     | 1.42       | 6/30/2017   | \$ 82,495    | 0.04%           | COMPLETE    |              |
| Tree Montgomery  | FPU           | A         | 47      | 0.16       | 6/30/2015   | \$ 71,606    | 0.00%           | COMPLETE    |              |
| Tree Montgomery  | FPU           | A         | 456     | 1.52       | 6/30/2016   | \$ 391,944   | 0.04%           | COMPLETE    |              |
| Tree Montgomery  | FPU           | A         | 746     | 2.49       | 6/30/2017   | \$ 546,214   | 0.07%           | COMPLETE    |              |
| Tree Montgomery  | FPU           | A         | 814     | 2.71       | 6/30/2018   | \$ 502,213   | 0.07%           | COMPLETE    |              |
| Oaks Landfill Urban Forest Planting                    | FPU           | A         | 2       | 45.40      | 6/30/2018   | \$ 257,400   | 1.20%           | COMPLETE    |              |
| Middle Gum Springs Reforestation                       | FPU           | A         | 1       | 0.74       | 6/30/2010   | \$ -         | 0.02%           | COMPLETE    |              |
| Northwest Branch Stream Reforestation                  | FPU           | A         | 1       | 0.84       | 6/30/2010   | \$ -         | 0.02%           | COMPLETE    |              |
| Alta Vista Stream Reforestation                        | FPU           | A         | 1       | 0.03       | 6/30/2010   | \$ -         | 0.00%           | COMPLETE    |              |
| Little Falls III Stream Reforestation                  | FPU           | A         | 1       | 0.06       | 6/30/2010   | \$ -         | 0.00%           | COMPLETE    |              |
| Turkey Branch Stormwater Pond and Stream Reforestation | FPU           | A         | 1       | 0.60       | 6/30/2010   | \$ -         | 0.02%           | COMPLETE    |              |
| Stream Valley Drive Stream Reforestation               | FPU           | A         | 1       | 0.71       | 6/30/2010   | \$ -         | 0.02%           | COMPLETE    |              |
| RainScapes Program                                     | MRWH          | E         | 5       | 0.10       | 6/30/2010   | \$ 1,139     | 0.00%           | COMPLETE    |              |

| REST BMP ID        | REST BMP TYPE | BMP CLASS | NUM BMP | IMP ACRES‡ | BUILT DATE† | IMPL COST  | % ISRP Complete | IMPL STATUS | GEN COMMENTS |
|--------------------|---------------|-----------|---------|------------|-------------|------------|-----------------|-------------|--------------|
| RainScapes Program | MRNG          | E         | 52      | 2.57       | 6/30/2010   | \$ 48,855  | 0.07%           | COMPLETE    |              |
| RainScapes Program | MIDW          | E         | 5       | 0.11       | 6/30/2010   | \$ 900     | 0.00%           | COMPLETE    |              |
| RainScapes Program | APRP          | E         | 1       | 0.05       | 6/30/2010   | \$ 4,800   | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 190     | 4.71       | 6/30/2010   | \$ 12,230  | 0.12%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 4       | 0.28       | 6/30/2011   | \$ 1,743   | 0.01%           | COMPLETE    |              |
| RainScapes Program | MRNG          | E         | 55      | 2.32       | 6/30/2011   | \$ 49,677  | 0.06%           | COMPLETE    |              |
| RainScapes Program | MIDW          | E         | 1       | 0.01       | 6/30/2011   | \$ -       | 0.00%           | COMPLETE    |              |
| RainScapes Program | APRP          | E         | 10      | 0.49       | 6/30/2011   | \$ 7,200   | 0.01%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 169     | 4.67       | 6/30/2011   | \$ 7,991   | 0.12%           | COMPLETE    |              |
| RainScapes Program | AGRE          | E         | 1       | 0.06       | 6/30/2011   | \$ 2,400   | 0.00%           | COMPLETE    |              |
| RainScapes Program | IMPP          | E         | 1       | 0.06       | 6/30/2011   | \$ -       | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 3       | 0.12       | 6/30/2012   | \$ 1,275   | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRNG          | E         | 21      | 1.07       | 6/30/2012   | \$ 45,663  | 0.03%           | COMPLETE    |              |
| RainScapes Program | MIDW          | E         | 3       | 0.17       | 6/30/2012   | \$ 1,750   | 0.00%           | COMPLETE    |              |
| RainScapes Program | APRP          | E         | 4       | 0.23       | 6/30/2012   | \$ 4,800   | 0.01%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 71      | 1.35       | 6/30/2012   | \$ 3,182   | 0.04%           | COMPLETE    |              |
| RainScapes Program | AGRE          | E         | 1       | 0.07       | 6/30/2012   | \$ -       | 0.00%           | COMPLETE    |              |
| RainScapes Program | IMPP          | E         | 1       | 0.04       | 6/30/2012   | \$ 1,125   | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 2       | 0.04       | 6/30/2013   | \$ 450     | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRNG          | E         | 79      | 3.56       | 6/30/2013   | \$ 93,675  | 0.09%           | COMPLETE    |              |
| RainScapes Program | MIDW          | E         | 2       | 0.30       | 6/30/2013   | \$ 690     | 0.01%           | COMPLETE    |              |
| RainScapes Program | APRP          | E         | 6       | 0.17       | 6/30/2013   | \$ 9,800   | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 71      | 0.96       | 6/30/2013   | \$ 3,520   | 0.03%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 2       | 0.11       | 6/30/2014   | \$ 650     | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRNG          | E         | 60      | 5.12       | 6/30/2014   | \$ 68,432  | 0.14%           | COMPLETE    |              |
| RainScapes Program | MIDW          | E         | 5       | 0.14       | 6/30/2014   | \$ 2,014   | 0.00%           | COMPLETE    |              |
| RainScapes Program | APRP          | E         | 14      | 0.76       | 6/30/2014   | \$ 29,000  | 0.02%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 39      | 0.47       | 6/30/2014   | \$ 1,945   | 0.01%           | COMPLETE    |              |
| RainScapes Program | IMPP          | E         | 2       | 0.10       | 6/30/2014   | \$ 3,856   | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 6       | 0.04       | 6/30/2015   | \$ 1,000   | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRNG          | E         | 85      | 3.49       | 6/30/2015   | \$ 134,321 | 0.09%           | COMPLETE    |              |
| RainScapes Program | MIDW          | E         | 11      | 0.30       | 6/30/2015   | \$ 4,424   | 0.01%           | COMPLETE    |              |
| RainScapes Program | APRP          | E         | 19      | 0.77       | 6/30/2015   | \$ 51,880  | 0.02%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 40      | 0.64       | 6/30/2015   | \$ 2,697   | 0.02%           | COMPLETE    |              |
| RainScapes Program | APRP          | E         | 4       | 0.14       | 6/30/2015   | \$ 2,738   | 0.00%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 7       | 0.42       | 6/30/2016   | \$ 1,000   | 0.01%           | COMPLETE    |              |
| RainScapes Program | MRNG          | E         | 87      | 7.39       | 6/30/2016   | \$ 150,862 | 0.20%           | COMPLETE    |              |
| RainScapes Program | MIDW          | E         | 13      | 0.42       | 6/30/2016   | \$ 3,456   | 0.01%           | COMPLETE    |              |
| RainScapes Program | APRP          | E         | 12      | 0.57       | 6/30/2016   | \$ 24,944  | 0.02%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 54      | 0.86       | 6/30/2016   | \$ 2,165   | 0.02%           | COMPLETE    |              |
| RainScapes Program | MRWH          | E         | 6       | 0.18       | 6/30/2017   | \$ 1,810   | 0.00%           | COMPLETE    |              |

| REST BMP ID                                       | REST BMP TYPE | BMP CLASS | NUM BMP | IMP ACRES‡ | BUILT DATE† | IMPL COST    | % ISRP Complete | IMPL STATUS | GEN COMMENTS |
|---|---------------|-----------|---------|------------|-------------|--------------|-----------------|-------------|--------------|
| RainScapes Program                                | MRNG          | E         | 54      | 2.31       | 6/30/2017   | \$ 126,776   | 0.06%           | COMPLETE    |              |
| RainScapes Program                                | APRP          | E         | 12      | 0.65       | 6/30/2017   | \$ 25,236    | 0.02%           | COMPLETE    |              |
| RainScapes Program                                | MRWH          | E         | 75      | 1.42       | 6/30/2017   | \$ 4,356     | 0.04%           | COMPLETE    |              |
| RainScapes Program                                | IMPP          | E         | 5       | 0.40       | 6/30/2017   | \$ 9,580     | 0.01%           | COMPLETE    |              |
| RainScapes Program                                | AGRE          | E         | 2       | 0.42       | 6/30/2017   | \$ 5,000     | 0.01%           | COMPLETE    |              |
| RainScapes Program                                | MRNG          | E         | 68      | 3.25       | 6/30/2018   | \$ 52,925    | 0.09%           | COMPLETE    |              |
| RainScapes Program                                | APRP          | E         | 8       | 0.55       | 6/30/2018   | \$ 18,940    | 0.01%           | COMPLETE    |              |
| RainScapes Program                                | MRWH          | E         | 19      | 0.73       | 6/30/2018   | \$ 1,485     | 0.02%           | COMPLETE    |              |
| RainScapes Program                                | IMPP          | E         | 2       | 0.21       | 6/30/2018   | \$ 2,500     | 0.01%           | COMPLETE    |              |
| RainScapes Program                                | AGRE          | E         | 1       | 0.04       | 6/30/2018   | \$ 2,500     | 0.00%           | COMPLETE    |              |
| Average Operations Complete To Date*              |               |           | 15,784  | 662.38     |             | \$ 7,982,708 | 17.53%          |             |              |
| <b>Capital Projects</b>                           | REST BMP TYPE | BMP       | NUM BMP | IMP ACRES† | BUILT DATE‡ | IMPL COST    | % ISRP Complete | IMPL STATUS | GEN COMMENTS |
| Facility Planning 2010                            | OTH           | [blank]   | -       | 0.00       | 6/30/2010   | \$ 433,803   | 0.00%           | COMPLETE    |              |
| Facility Planning 2011                            | OTH           | [blank]   | -       | 0.00       | 6/30/2011   | \$ 749,335   | 0.00%           | COMPLETE    |              |
| Facility Planning 2012                            | OTH           | [blank]   | -       | 0.00       | 6/30/2012   | \$ 550,210   | 0.00%           | COMPLETE    |              |
| Facility Planning 2013                            | OTH           | [blank]   | -       | 0.00       | 6/30/2013   | \$ 879,435   | 0.00%           | COMPLETE    |              |
| Facility Planning 2014                            | OTH           | [blank]   | -       | 0.00       | 6/30/2014   | \$ 1,658,518 | 0.00%           | COMPLETE    |              |
| Facility Planning 2015                            | OTH           | [blank]   | -       | 0.00       | 6/30/2015   | \$ 660,000   | 0.00%           | COMPLETE    |              |
| Facility Planning 2016                            | OTH           | [blank]   | -       | 0.00       | 6/30/2016   | \$ 432,000   | 0.00%           | COMPLETE    |              |
| Facility Planning 2017                            | OTH           | [blank]   | -       | 0.00       | 6/30/2017   | \$ 990,000   | 0.00%           | COMPLETE    |              |
| Facility Planning 2018                            | OTH           | [blank]   | -       | 0.00       | 6/30/2018   | \$ 796,000   | 0.00%           | COMPLETE    |              |
| Amherst Green Streets                             | MMBR          | E         | 2       | 0.66       | 5/13/2015   | \$ 150,605   | 0.02%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | MMBR          | E         | 2       | 0.24       | 1/19/2011   | \$ 448,709   | 0.01%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | IMPP          | A         | 1       | 0.00       | 1/19/2011   | \$ -         | 0.00%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | MMBR          | E         | 1       | 0.22       | 10/18/2011  | \$ 224,355   | 0.01%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | IMPP          | A         | 1       | 0.01       | 10/18/2011  | \$ -         | 0.00%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | MMBR          | E         | 1       | 0.40       | 10/21/2011  | \$ 224,355   | 0.01%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | MMBR          | E         | 1       | 0.11       | 11/10/2011  | \$ 224,355   | 0.00%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | IMPP          | A         | 1       | 0.01       | 11/10/2011  | \$ -         | 0.00%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | MMBR          | E         | 2       | 0.54       | 11/18/2011  | \$ 448,709   | 0.01%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | IMPP          | A         | 1       | 0.01       | 11/18/2011  | \$ -         | 0.00%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | MMBR          | E         | 5       | 0.79       | 1/19/2012   | \$ 236,363   | 0.02%           | COMPLETE    |              |
| Arcola Avenue Green Streets                       | IMPP          | A         | 5       | 0.04       | 1/19/2012   | \$ -         | 0.00%           | COMPLETE    |              |
| Argyle Middle School Stormwater Practice Upgrades | FBIO          | E         | 2       | 3.54       | 9/26/2017   | \$ 858,985   | 0.09%           | COMPLETE    |              |
| Argyle Middle School Stormwater Practice Upgrades | MMBR          | E         | 1       | 0.23       | 9/26/2017   | \$ 429,493   | 0.01%           | COMPLETE    |              |
| Aspen Hill Library LID Retrofit Project           | IMPP          | A         | 1       | 0.01       | 6/4/2012    | \$ -         | 0.00%           | COMPLETE    |              |
| Aspen Hill Library Stormwater Practice Upgrades   | MMBR          | E         | 1       | 0.12       | 6/4/2012    | \$ 322,922   | 0.00%           | COMPLETE    |              |
| Aspen Hill Library Stormwater Practice Upgrades   | FBIO          | E         | 1       | 0.59       | 6/4/2012    | \$ 322,922   | 0.02%           | COMPLETE    |              |
| Avenel Pond - Pay for Performance Contract        | PWED          | S         | 1       | 84.00      | 12/13/2018  | \$ 2,322,867 | 2.22%           | COMPLETE    | FY19         |
| Batchellors Run East Stream Restoration           | STRE          | A         | 3       | 19.01      | 3/6/2013    | \$ 1,007,855 | 0.50%           | COMPLETE    |              |

| REST BMP ID   | REST BMP TYPE | BMP CLASS | NUM BMP | IMP ACRES‡ | BUILT DATE† | IMPL COST    | % ISRP Complete | IMPL STATUS | GEN COMMENTS |
|---|---------------|-----------|---------|------------|-------------|--------------|-----------------|-------------|--------------|
| Batchellors Run East Stream Restoration               | FPU           | A         | 1       | 2.82       | 3/6/2013    | \$ -         | 0.07%           | COMPLETE    |              |
| Batchellors Run I Stream Restoration                  | STRE          | A         | 1       | 10.03      | 5/13/2014   | \$ -         | 0.27%           | COMPLETE    |              |
| Batchellors Run II Stream Restoration                 | STRE          | A         | 2       | 15.84      | 5/13/2014   | \$ 1,454,103 | 0.42%           | COMPLETE    |              |
| Bedfordshire Stormwater Pond Upgrades and Stream      | STRE          | A         | 1       | 10.72      | 6/2/2017    | \$ 1,530,928 | 0.28%           | COMPLETE    |              |
| Bedfordshire Stormwater Pond Upgrades and Stream      | PWED          | S         | 1       | 44.18      | 10/13/2017  | \$ 1,868,189 | 1.17%           | COMPLETE    |              |
| Booze Creek Stream Restoration                        | STRE          | A         | 2       | 39.75      | 12/6/2013   | \$ 449,810   | 1.05%           | COMPLETE    |              |
| Breewood Manor Green Streets                          | MRNG          | E         | 8       | 1.20       | 5/13/2015   | \$ 956,507   | 0.03%           | COMPLETE    |              |
| Breewood Manor Green Streets                          | FBIO          | E         | 2       | 0.31       | 5/13/2015   | \$ 239,127   | 0.01%           | COMPLETE    |              |
| Breewood Manor Green Streets                          | IMPP          | A         | 3       | 0.04       | 5/13/2015   | \$ -         | 0.00%           | COMPLETE    |              |
| Breewood Manor Green Streets                          | FBIO          | E         | 1       | 2.79       | 6/2/2017    | \$ 104,886   | 0.07%           | COMPLETE    |              |
| Breewood Manor Green Streets                          | IMPF          | A         | 1       | 0.03       | 6/2/2017    | \$ -         | 0.00%           | COMPLETE    |              |
| Breewood Tributary Stream Restoration                 | STRE          | A         | 1       | 12.80      | 5/28/2015   | \$ 1,124,419 | 0.34%           | COMPLETE    |              |
| Brookville Bus Depot Stormwater Practice Upgrades     | PWED          | S         | 1       | 14.59      | 2/3/2014    | \$ 1,771,536 | 0.39%           | COMPLETE    |              |
| Bryants Nursery Run Stream Restoration                | STRE          | A         | 2       | 17.42      | 3/6/2013    | \$ 720,405   | 0.46%           | COMPLETE    |              |
| Bryants Nursery Run Stream Restoration                | FPU           | A         | 1       | 0.13       | 3/6/2013    | \$ -         | 0.00%           | COMPLETE    |              |
| Cabin john north task 21                              | STRE          | A         | 1       | 5.50       | 9/1/2015    | \$ -         | 0.15%           | COMPLETE    |              |
| Chadswood Stormwater Pond Upgrades                    | XDED          | S         | 1       | 50.01      | 11/3/2015   | \$ 1,285,653 | 1.32%           | COMPLETE    |              |
| CMAC Retrofits  | XOTH          | X         | 2       | 130.35     | 12/1/2017   | \$ 445,035   | 3.45%           | COMPLETE    |              |
| Cold Spring Elementary School Stormwater Improvements | MMBR          | E         | 1       | 0.68       | 8/13/2013   | \$ -         | 0.02%           | COMPLETE    |              |
| Colesville Park & Ride Stormwater Practice Upgrades   | MMBR          | E         | 3       | 0.87       | 3/23/2017   | \$ 285,623   | 0.02%           | COMPLETE    |              |
| Colesville Park & Ride Stormwater Practice Upgrades   | FUND          | S         | 2       | 0.41       | 3/23/2017   | \$ 155,278   | 0.01%           | COMPLETE    |              |
| Colesville Park & Ride Stormwater Practice Upgrades   | IMPP          | A         | 3       | 0.06       | 3/23/2017   | \$ -         | 0.00%           | COMPLETE    |              |
| Collingwood Stormwater Pond Upgrades                  | XDED          | S         | 1       | 6.18       | 5/31/2017   | \$ 189,685   | 0.16%           | COMPLETE    |              |
| Copenhaver WSSC Sewer Repair                          | STRE          | A         | 1       | 6.53       | 6/30/2008   | \$ -         | 0.17%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | MMBR          | E         | 7       | 0.62       | 3/7/2013    | \$ 287,985   | 0.02%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | FBIO          | E         | 2       | 0.78       | 3/7/2013    | \$ 82,281    | 0.02%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | FBIO          | E         | 11      | 5.47       | 6/6/2014    | \$ 413,216   | 0.14%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | MSWG          | E         | 3       | 0.87       | 6/6/2014    | \$ 112,695   | 0.02%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | OTH           | E         | 1       | 0.21       | 6/6/2014    | \$ 37,565    | 0.01%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | IMPP          | A         | 6       | 0.02       | 6/6/2014    | \$ -         | 0.00%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | MMBR          | E         | 15      | 5.67       | 8/14/2014   | \$ 563,477   | 0.15%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | APRP          | E         | 5       | 1.13       | 8/14/2014   | \$ 187,826   | 0.03%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | MSWG          | E         | 3       | 0.62       | 8/14/2014   | \$ 112,695   | 0.02%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | FBIO          | E         | 1       | 1.62       | 8/14/2014   | \$ 37,565    | 0.04%           | COMPLETE    |              |
| Dennis Avenue Green Streets                           | IMPP          | A         | 12      | 0.09       | 8/14/2014   | \$ -         | 0.00%           | COMPLETE    |              |
| Donnybrook Green Streets and Stream Restoration       | MSWG          | E         | 4       | 1.93       | 12/16/2014  | \$ 632,233   | 0.05%           | COMPLETE    |              |
| Donnybrook Green Streets and Stream Restoration       | MMBR          | E         | 2       | 0.52       | 12/16/2014  | \$ 316,117   | 0.01%           | COMPLETE    |              |
| Donnybrook Green Streets and Stream Restoration       | STRE          | A         | 1       | 19.64      | 12/16/2014  | \$ 186,847   | 0.52%           | COMPLETE    |              |
| Donnybrook Green Streets and Stream Restoration       | FBIO          | E         | 1       | 0.38       | 12/16/2014  | \$ 158,058   | 0.01%           | COMPLETE    |              |
| Donnybrook Green Streets and Stream Restoration       | IMPP          | A         | 4       | 0.04       | 12/16/2014  | \$ -         | 0.00%           | COMPLETE    |              |
| Donnybrook Green Streets and Stream Restoration       | MMBR          | E         | 5       | 0.59       | 6/23/2016   | \$ 1,033,446 | 0.02%           | COMPLETE    |              |

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|---|---------------|-----------|---------|------------|-------------|--------------|-----------------|-------------|--------------|
| DOT Outfall Stabilization - 10068 Maple Leaf Dr.        | OUTS          | A         | 1       | 0.00       | 6/30/2015   | \$ -         | 0.00%           | COMPLETE    |              |
| DOT Outfall Stabilization - 11820 Hunting Ridge Ct.     | OUTS          | A         | 1       | 0.00       | 6/30/2016   | \$ -         | 0.00%           | COMPLETE    |              |
| DOT Outfall Stabilization - 20332 Maple Leaf Dr.        | OUTS          | A         | 1       | 0.00       | 6/30/2015   | \$ -         | 0.00%           | COMPLETE    |              |
| DOT Outfall Stabilization - 8500 Fryeman Ave.           | OUTS          | A         | 1       | 0.00       | 6/30/2015   | \$ -         | 0.00%           | COMPLETE    |              |
| DOT Outfall Stabilization - Dartmouth Dr at Sligo Creek | OUTS          | A         | 1       | 0.00       | 6/30/2016   | \$ -         | 0.00%           | COMPLETE    |              |
| DOT Outfall Stabilization - Sligo Creek                 | OUTS          | A         | 1       | 0.00       | 6/30/2015   | \$ -         | 0.00%           | COMPLETE    |              |
| Emory Grove Park Stormwater Pond Upgrades               | PWED          | S         | 1       | 7.64       | 5/7/2015    | \$ 1,035,806 | 0.20%           | COMPLETE    |              |
| Emory Grove Park Stormwater Pond Upgrades               | XDED          | S         | 1       | 3.04       | 5/7/2015    | \$ 1,035,806 | 0.08%           | COMPLETE    |              |
| Fairland Ridge Stormwater Pond Upgrades                 | XDED          | S         | 1       | 10.37      | 1/8/2012    | \$ 172,544   | 0.27%           | COMPLETE    |              |
| Fallsreach Stormwater Pond Upgrades and Stream          | PWED          | S         | 1       | 12.09      | 10/29/2014  | \$ 317,356   | 0.32%           | COMPLETE    |              |
| Forest Estates Green Streets                            | FBIO          | E         | 11      | 2.16       | 7/19/2012   | \$ 155,364   | 0.06%           | COMPLETE    |              |
| Forest Estates Green Streets                            | MMBR          | E         | 9       | 2.22       | 7/19/2012   | \$ 127,116   | 0.06%           | COMPLETE    |              |
| Forest Estates Green Streets                            | MRNG          | E         | 3       | 0.36       | 7/19/2012   | \$ 42,372    | 0.01%           | COMPLETE    |              |
| Forest Estates Green Streets                            | MSWG          | E         | 1       | 0.32       | 7/19/2012   | \$ 14,124    | 0.01%           | COMPLETE    |              |
| Fox Hills of Potomac and Normandy Falls Stormwater Pond | XDED          | S         | 1       | 4.20       | 3/6/2018    | \$ 376,355   | 0.11%           | COMPLETE    |              |
| Franklin Knolls and Clifton Park Green Streets          | MRNG          | E         | 12      | 1.94       | 11/21/2014  | \$ 334,448   | 0.05%           | COMPLETE    |              |
| Franklin Knolls and Clifton Park Green Streets          | FBIO          | E         | 7       | 1.32       | 11/21/2014  | \$ 195,094   | 0.03%           | COMPLETE    |              |
| Franklin Knolls and Clifton Park Green Streets          | MMBR          | E         | 6       | 2.60       | 11/21/2014  | \$ 167,224   | 0.07%           | COMPLETE    |              |
| Franklin Knolls and Clifton Park Green Streets          | MSWG          | E         | 1       | 0.32       | 11/21/2014  | \$ 27,871    | 0.01%           | COMPLETE    |              |
| Franklin Knolls and Clifton Park Green Streets          | MRNG          | E         | 38      | 8.80       | 5/31/2016   | \$ 1,384,939 | 0.23%           | COMPLETE    |              |
| Franklin Knolls and Clifton Park Green Streets          | MMBR          | E         | 4       | 0.00       | 5/31/2016   | \$ 145,783   | 0.00%           | COMPLETE    |              |
| Franklin Knolls and Clifton Park Green Streets          | MRNG          | E         | 38      | 9.60       | 6/30/2016   | \$ 1,384,939 | 0.25%           | COMPLETE    |              |
| Franklin Knolls and Clifton Park Green Streets          | FBIO          | E         | 13      | 0.00       | 6/30/2016   | \$ 473,795   | 0.00%           | COMPLETE    |              |
| Franklin Knolls and Clifton Park Green Streets          | MMBR          | E         | 4       | 0.00       | 6/30/2016   | \$ 145,783   | 0.00%           | COMPLETE    |              |
| Georgian Colonies and Georgian Woods Colonies           | XDED          | S         | 1       | 5.26       | 6/18/2014   | \$ 546,428   | 0.14%           | COMPLETE    |              |
| Georgian Colonies and Georgian Woods Colonies           | PWED          | S         | 1       | 4.20       | 6/18/2014   | \$ 546,428   | 0.11%           | COMPLETE    |              |
| Germantown Park Stormwater Pond Upgrades and Stream     | XDED          | S         | 1       | 9.78       | 8/11/2016   | \$ 334,876   | 0.26%           | COMPLETE    |              |
| Glenstone Stream Restoration                            | STRE          | A         | 1       | 14.41      | 6/30/2017   | \$ 503,937   | 0.38%           | COMPLETE    |              |
| Glynshire Way Stormwater Pond Upgrades and Stream       | WSHW          | S         | 1       | 20.26      | 8/28/2015   | \$ 784,282   | 0.54%           | COMPLETE    |              |
| Greencastle Park & Ride Stormwater Practice Upgrades    | MMBR          | E         | 5       | 1.33       | 3/30/2017   | \$ 666,455   | 0.04%           | COMPLETE    |              |
| Greencastle Park & Ride Stormwater Practice Upgrades    | FUND          | S         | 2       | 0.44       | 3/30/2017   | \$ 217,389   | 0.01%           | COMPLETE    |              |
| Greencastle Park & Ride Stormwater Practice Upgrades    | IMPP          | A         | 1       | 0.03       | 3/30/2017   | \$ -         | 0.00%           | COMPLETE    |              |
| Gunners Lake Village Stormwater Pond Upgrades           | PWED          | S         | 1       | 318.60     | 12/15/2014  | \$ 171,821   | 8.43%           | COMPLETE    |              |
| Hollywood Branch Stream Restoration                     | STRE          | A         | 1       | 44.70      | 12/18/2015  | \$ 2,925,718 | 1.18%           | COMPLETE    |              |
| Holman Avenue - Forest Glen Outfall Repair              | OUTS          | A         | 1       | 0.94       | 6/22/2014   | \$ -         | 0.02%           | COMPLETE    |              |
| Joseph's Branch Stream Restoration - Spruell Drive      | STRE          | A         | 1       | 10.06      | 11/1/2006   | \$ 484,038   | 0.27%           | COMPLETE    |              |
| Kensington Park Library LID Retrofit Project            | IMPP          | A         | 1       | 0.01       | 6/12/2012   | \$ -         | 0.00%           | COMPLETE    |              |
| Kensington Park Library Stormwater Practice Upgrades    | MRNG          | E         | 4       | 0.67       | 6/12/2012   | \$ 646,469   | 0.02%           | COMPLETE    |              |
| Kentsdale Drive   | STRE          | A         | 1       | 4.50       | 3/1/2015    | \$ -         | 0.12%           | COMPLETE    |              |
| Little Falls - Somerset Stream Restoration              | STRE          | A         | 1       | 5.28       | 3/21/2008   | \$ 221,640   | 0.14%           | COMPLETE    |              |
| Little Falls III Stream Restoration                     | STRE          | A         | 1       | 5.28       | 12/1/2005   | \$ 560,300   | 0.14%           | COMPLETE    |              |

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|---|---------------|-----------|---------|------------|-------------|--------------|-----------------|-------------|--------------|
| Little Falls Library Stormwater Practice Upgrades           | FBIO          | E         | 1       | 0.68       | 1/9/2018    | \$ 598,036   | 0.02%           | COMPLETE    |              |
| Manchester Farm Regional Stormwater Pond Upgrades           | XDED          | S         | 1       | 159.50     | 6/7/2018    | \$ 300,727   | 4.22%           | COMPLETE    |              |
| Meadowvale Stormwater Pond Upgrades                         | PWET          | S         | 1       | 11.36      | 6/11/2015   | \$ 1,035,806 | 0.30%           | COMPLETE    |              |
| Metro Park N Stormwater Pond Upgrades                       | PWED          | S         | 1       | 16.06      | 3/8/2017    | \$ 753,885   | 0.43%           | COMPLETE    |              |
| Metro Park N Stormwater Pond Upgrades                       | XDED          | S         | 1       | 13.91      | 3/8/2017    | \$ 753,885   | 0.37%           | COMPLETE    |              |
| Montgomery Auto Sales Park Regional Stormwater Pond         | PWED          | S         | 1       | 70.45      | 11/17/2014  | \$ 2,377,123 | 1.86%           | COMPLETE    |              |
| Montgomery Manor Stormwater Pond Upgrades                   | PWED          | S         | 1       | 4.86       | 5/18/2017   | \$ 753,885   | 0.13%           | COMPLETE    |              |
| Montgomery Village Stormwater Pond Upgrades                 | XDED          | S         | 1       | 6.08       | 11/2/2016   | \$ 1,844,155 | 0.16%           | COMPLETE    |              |
| Montgomery Village Stormwater Pond Upgrades                 | PWED          | S         | 1       | 27.34      | 10/3/2017   | \$ 1,551,797 | 0.72%           | COMPLETE    |              |
| Naples Manor Stormwater Pond Upgrades                       | XDED          | S         | 1       | 10.81      | 7/9/2014    | \$ 546,428   | 0.29%           | COMPLETE    |              |
| NB-11   | WSHW          | S         | 1       | 11.11      | 11/24/2013  | \$ -         | 0.29%           | COMPLETE    |              |
| NB-16   | WSHW          | S         | 1       | 35.67      | 12/12/2014  | \$ -         | 0.94%           | COMPLETE    |              |
| NB-6  | XDED          | S         | 1       | 55.45      | 8/7/2013    | \$ -         | 1.47%           | COMPLETE    |              |
| NB-7  | WSHW          | S         | 1       | 74.34      | 3/29/2016   | \$ -         | 1.97%           | COMPLETE    |              |
| Newport Mills Middle School Stormwater Practice Upgrades    | FBIO          | E         | 1       | 3.24       | 8/25/2017   | \$ 518,004   | 0.09%           | COMPLETE    |              |
| North Lake Apartments Stormwater Pond Upgrades              | XDED          | S         | 1       | 5.80       | 9/18/2018   | \$ 2,514,170 | 0.15%           | COMPLETE    | FY19         |
| Northwood Presbyterian Church Stormwater Retrofits          | MMBR          | E         | 1       | 0.50       | 7/10/2018   | \$ 128,749   | 0.01%           | COMPLETE    | FY19         |
| NW-32   | PWED          | S         | 1       | 5.71       | 3/24/2015   | \$ -         | 0.15%           | COMPLETE    |              |
| NW-35   | PWED          | S         | 1       | 6.25       | 1/16/2015   | \$ -         | 0.17%           | COMPLETE    |              |
| NW-39   | PWET          | S         | 1       | 4.53       | 6/27/2016   | \$ -         | 0.12%           | COMPLETE    |              |
| NW-47   | PWED          | S         | 1       | 9.14       | 1/16/2015   | \$ -         | 0.24%           | COMPLETE    |              |
| Oak View Elementary School Stormwater Practice Upgrades     | MMBR          | E         | 2       | 0.28       | 8/17/2016   | \$ 216,051   | 0.01%           | COMPLETE    |              |
| Oak View Elementary School Stormwater Practice Upgrades     | MRNG          | E         | 1       | 0.12       | 8/17/2016   | \$ 108,026   | 0.00%           | COMPLETE    |              |
| Oak View Elementary School Stormwater Practice Upgrades     | MSWG          | E         | 1       | 0.12       | 8/17/2016   | \$ 108,026   | 0.00%           | COMPLETE    |              |
| Olney Elementary School Stormwater Practice Upgrades        | MMBR          | E         | 2       | 0.00       | 8/24/2018   | \$ 386,254   | 0.00%           | COMPLETE    | FY19 SEP     |
| Olney Elementary School Stormwater Practice Upgrades        | MRNG          | E         | 1       | 0.00       | 8/24/2018   | \$ 193,127   | 0.00%           | COMPLETE    | FY19 SEP     |
| Olney mill road WSSC emergency stream restoration           | STRE          | A         | 1       | 1.34       | 6/30/2015   | \$ -         | 0.04%           | COMPLETE    |              |
| Outfall Stabilization - 1012 Parrs Ridge                    | GABION        | A         | 1       | 1.40       | 4/1/2011    | \$ -         | 0.04%           | COMPLETE    |              |
| Outfall Stabilization - 13717 Mills Avenue                  | STRE          | A         | 1       | 0.40       | 8/1/2010    | \$ -         | 0.01%           | COMPLETE    |              |
| Outfall Stabilization - 13717 Mills Avenue                  | OUTS          | A         | 1       | 0.50       | 4/1/2011    | \$ -         | 0.01%           | COMPLETE    |              |
| Outfall Stabilization - 1517 Menlee Drive                   | OUTS          | A         | 1       | 0.90       | 1/1/2010    | \$ -         | 0.02%           | COMPLETE    |              |
| Outfall Stabilization - 611 Lamberton Drive                 | OUTS          | A         | 1       | 0.00       | 9/1/2010    | \$ -         | 0.00%           | COMPLETE    |              |
| Outfall Stabilization - 7208 Helmsdale Road                 | OUTS          | A         | 1       | 0.20       | 8/1/2010    | \$ -         | 0.01%           | COMPLETE    |              |
| Outfall Stabilization - Wayne Avenue at Sligo Creek Parkway | OUTS          | A         | 1       | 0.16       | 3/1/2011    | \$ -         | 0.00%           | COMPLETE    |              |
| Outfall Stabilization - Wightman Road at Aspenwood          | OUTS          | A         | 1       | 0.15       | 2/1/2010    | \$ -         | 0.00%           | COMPLETE    |              |
| PB-114  | MSWG          | E         | 20      | 2.77       | 1/11/2011   | \$ -         | 0.07%           | COMPLETE    |              |
| PB-114A   | XDED          | S         | 1       | 7.60       | 6/12/2015   | \$ -         | 0.20%           | COMPLETE    |              |
| PB-115  | MSWG          | E         | 18      | 2.85       | 1/11/2011   | \$ -         | 0.08%           | COMPLETE    |              |
| PB-116  | MSWG          | E         | 14      | 0.42       | 5/3/2013    | \$ -         | 0.01%           | COMPLETE    |              |
| PB-117  | MSWG          | E         | 11      | 0.26       | 5/3/2013    | \$ -         | 0.01%           | COMPLETE    |              |
| PB-119  | MSWG          | E         | 13      | 0.04       | 5/3/2013    | \$ -         | 0.00%           | COMPLETE    |              |

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|--|---------------|-----------|---------|------------|-------------|--------------|-----------------|-------------|--------------|
| PB-121   | MMBR          | E         | 10      | 0.24       | 5/17/2013   | \$ -         | 0.01%           | COMPLETE    |              |
| PB-122   | IMPP          | A         | 2       | 0.03       | 7/6/2009    | \$ -         | 0.00%           | COMPLETE    |              |
| PB-122   | MSWG          | E         | 2       | 0.00       | 8/30/2011   | \$ -         | 0.00%           | COMPLETE    |              |
| PB-123   | MSWG          | E         | 6       | 0.44       | 8/30/2011   | \$ -         | 0.01%           | COMPLETE    |              |
| PB-124   | MSWG          | E         | 9       | 0.22       | 8/30/2011   | \$ -         | 0.01%           | COMPLETE    |              |
| PB-124   | IMPP          | A         | 1       | 0.01       | 7/1/2013    | \$ -         | 0.00%           | COMPLETE    |              |
| PB-125   | MSWG          | E         | 5       | 0.17       | 8/30/2011   | \$ -         | 0.00%           | COMPLETE    |              |
| PB-127   | MSWG          | E         | 4       | 0.62       | 8/30/2011   | \$ -         | 0.02%           | COMPLETE    |              |
| PB-128   | MSWG          | E         | 15      | 0.55       | 8/30/2011   | \$ -         | 0.01%           | COMPLETE    |              |
| PB-130   | FBIO          | E         | 7       | 1.04       | 11/24/2013  | \$ -         | 0.03%           | COMPLETE    |              |
| PB-130   | IMPP          | A         | 5       | 0.02       | 11/24/2013  | \$ -         | 0.00%           | COMPLETE    |              |
| PB-132   | XDED          | S         | 1       | 1.11       | 5/17/2013   | \$ -         | 0.03%           | COMPLETE    |              |
| PB-133   | MSWG          | E         | 22      | 3.60       | 9/30/2014   | \$ -         | 0.10%           | COMPLETE    |              |
| PB-140   | MSWG          | E         | 9       | 1.82       | 6/17/2015   | \$ -         | 0.05%           | COMPLETE    |              |
| PB-141   | MSWG          | E         | 6       | 2.73       | 6/17/2015   | \$ -         | 0.07%           | COMPLETE    |              |
| PB-142   | MSWG          | E         | 3       | 0.20       | 6/17/2015   | \$ -         | 0.01%           | COMPLETE    |              |
| PB-143   | MSWG          | E         | 7       | 1.37       | 6/17/2015   | \$ -         | 0.04%           | COMPLETE    |              |
| PB-33  | XDED          | S         | 1       | 1.99       | 10/7/2015   | \$ -         | 0.05%           | COMPLETE    |              |
| PB-43  | WEDW          | S         | 1       | 8.20       | 3/11/2015   | \$ -         | 0.22%           | COMPLETE    |              |
| PB-46A   | XDED          | S         | 1       | 6.76       | 3/21/2016   | \$ -         | 0.18%           | COMPLETE    |              |
| PB-48  | MSGW          | E         | 1       | 1.68       | 3/3/2016    | \$ -         | 0.04%           | COMPLETE    |              |
| PB-U-01-S-17   | MSWG          | E         | 20      | 9.57       | 1/11/2011   | \$ -         | 0.25%           | COMPLETE    |              |
| PB-U-01-S-33   | MSWG          | E         | 14      | 0.28       | 5/17/2013   | \$ -         | 0.01%           | COMPLETE    |              |
| PB-U-01-S-59   | MSWG          | E         | 8       | 0.38       | 8/30/2011   | \$ -         | 0.01%           | COMPLETE    |              |
| PB-U-01-S-60   | MSWG          | E         | 20      | 2.13       | 8/30/2011   | \$ -         | 0.06%           | COMPLETE    |              |
| Peachwood Stormwater Pond Upgrades                         | XDED          | S         | 1       | 4.73       | 3/10/2009   | \$ 322,670   | 0.13%           | COMPLETE    |              |
| Plantations II Stormwater Pond Upgrades                    | PWED          | S         | 1       | 20.50      | 12/20/2017  | \$ 1,733,968 | 0.54%           | COMPLETE    |              |
| Potomac Chase (Fox Hills North) Stormwater Pond Upgrades   | XDED          | S         | 1       | 14.89      | 11/29/2017  | \$ 1,470,762 | 0.39%           | COMPLETE    |              |
| Potomac Chase And Mills Farm Stormwater Pond Upgrades      | XDED          | S         | 1       | 11.66      | 9/26/2018   | \$ 1,785,578 | 0.31%           | COMPLETE    | FY19         |
| Potomac Chase And Mills Farm Stormwater Pond Upgrades      | PWED          | S         | 1       | 29.64      | 10/30/2018  | \$ 2,501,963 | 0.78%           | COMPLETE    | FY19         |
| Potomac Ridge Stormwater Pond Upgrades                     | XDED          | S         | 2       | 29.63      | 12/20/2017  | \$ 2,682,876 | 0.78%           | COMPLETE    |              |
| Potomac Ridge Stormwater Pond Upgrades                     | MSWG          | E         | 1       | 0.00       | 12/20/2017  | \$ 1,341,438 | 0.00%           | COMPLETE    |              |
| Potomac Ridge Stormwater Pond Upgrades                     | XDED          | S         | 1       | 10.45      | 5/9/2018    | \$ 1,359,307 | 0.28%           | COMPLETE    |              |
| Potomac Ridge Stormwater Pond Upgrades                     | XDED          | S         | 1       | 2.51       | 6/30/2018   | \$ 1,359,307 | 0.07%           | COMPLETE    |              |
| Quince Orchard Manor Stormwater Pond Upgrades              | XDED          | S         | 1       | 42.84      | 12/28/2018  | \$ 4,342,292 | 1.13%           | COMPLETE    | FY19         |
| RC-73  | WEDW          | S         | 1       | 40.50      | 6/1/2018    | \$ -         | 1.07%           | COMPLETE    |              |
| RC-74  | WEDW          | S         | 2       | 24.79      | 6/1/2018    | \$ -         | 0.66%           | COMPLETE    |              |
| Ridge Mist Terrace Stormwater Pond Upgrades and Stream     | XDED          | S         | 1       | 7.20       | 8/28/2015   | \$ 784,282   | 0.19%           | COMPLETE    |              |
| Ridgeview Middle School Stormwater Practice Upgrades       | FBIO          | E         | 4       | 1.02       | 9/25/2012   | \$ 598,182   | 0.03%           | COMPLETE    |              |
| Ridgeview Middle School Stormwater Practice Upgrades       | MRNG          | E         | 1       | 0.77       | 9/25/2012   | \$ 149,546   | 0.02%           | COMPLETE    |              |
| Road Culvert Replacement - Davis Mill Road at Wildcat Road | STRE          | A         | 1       | 1.00       | 11/1/2010   | \$ -         | 0.03%           | COMPLETE    |              |



| REST BMP ID   | REST BMP TYPE | BMP CLASS | NUM BMP | IMP ACRES‡ | BUILT DATE† | IMPL COST    | % ISRP Complete | IMPL STATUS | GEN COMMENTS |
|---|---------------|-----------|---------|------------|-------------|--------------|-----------------|-------------|--------------|
| Road Culvert Replacement - Prathertown Road Culverts      | STRE          | A         | 1       | 0.35       | 11/1/2011   | \$ -         | 0.01%           | COMPLETE    |              |
| Road Culvert Stabilization - Burnt Mills Avenue at Hoyle  | STRE          | A         | 1       | 0.75       | 8/1/2010    | \$ -         | 0.02%           | COMPLETE    |              |
| Road Culvert Stabilization - Circle Drive at Spring Drive | STRE          | A         | 1       | 0.25       | 10/1/2011   | \$ -         | 0.01%           | COMPLETE    |              |
| Rosa Parks Middle School Stormwater Practice Upgrades     | MMBR          | E         | 4       | 1.00       | 8/17/2016   | \$ 500,194   | 0.03%           | COMPLETE    |              |
| Rosa Parks Middle School Stormwater Practice Upgrades     | MSWG          | E         | 1       | 0.18       | 8/17/2016   | \$ 125,049   | 0.00%           | COMPLETE    |              |
| Rosa Parks Middle School Stormwater Practice Upgrades     | FBIO          | E         | 1       | 0.36       | 8/17/2016   | \$ 125,049   | 0.01%           | COMPLETE    |              |
| Schuylkill Rd Outfall Repair                              | OUTS          | A         | 1       | 0.20       | 3/1/2011    | \$ -         | 0.01%           | COMPLETE    |              |
| Schuylkill Rd Outfall Repair                              | OUTS          | A         | 1       | 0.43       | 1/8/2014    | \$ -         | 0.01%           | COMPLETE    |              |
| Scotland Neighborhood Recreation Center                   | FSND          | S         | 1       | 1.04       | 11/9/2015   | \$ 104,021   | 0.03%           | COMPLETE    |              |
| Sherwood Forest I Stream Restoration                      | STRE          | A         | 1       | 29.04      | 3/25/2014   | \$ 1,632,156 | 0.77%           | COMPLETE    |              |
| Sligo Middle School Stormwater Practice Upgrades          | FBIO          | E         | 1       | 1.16       | 8/25/2017   | \$ 267,140   | 0.03%           | COMPLETE    |              |
| Sligo Middle School Stormwater Practice Upgrades          | MRNG          | E         | 1       | 1.13       | 8/25/2017   | \$ 267,140   | 0.03%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | MMBR          | E         | 13      | 4.58       | 1/27/2014   | \$ 730,139   | 0.12%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | APRP          | E         | 9       | 1.52       | 1/27/2014   | \$ 505,481   | 0.04%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | FBIO          | E         | 5       | 0.62       | 1/27/2014   | \$ 280,823   | 0.02%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | APRP          | E         | 22      | 2.32       | 10/20/2014  | \$ 1,235,620 | 0.06%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | MMBR          | E         | 12      | 2.00       | 10/20/2014  | \$ 673,974   | 0.05%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | FBIO          | E         | 6       | 0.67       | 10/20/2014  | \$ 336,987   | 0.02%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | APRP          | E         | 3       | 0.24       | 11/18/2014  | \$ 168,494   | 0.01%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | FBIO          | E         | 2       | 0.93       | 11/18/2014  | \$ 112,329   | 0.02%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | MMBR          | E         | 1       | 0.32       | 11/18/2014  | \$ 56,165    | 0.01%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | ITRN          | S         | 1       | 0.33       | 12/5/2014   | \$ 56,165    | 0.01%           | COMPLETE    |              |
| Sligo Park Hills Neighborhood Green Street                | ITRN          | S         | 2       | 0.25       | 1/29/2015   | \$ 131,818   | 0.01%           | COMPLETE    |              |
| Stoney Creek (NIH) Stormwater Pond                        | PWED          | S         | 1       | 114.55     | 3/21/2013   | \$ 5,373,410 | 3.03%           | COMPLETE    |              |
| Strathmore Elementary School Stormwater Practice          | FBIO          | E         | 1       | 1.16       | 8/25/2017   | \$ 272,493   | 0.03%           | COMPLETE    |              |
| Stream Outfall Restoration - 4305 Havard Street           | STRE          | A         | 1       | 1.50       | 4/1/2011    | \$ -         | 0.04%           | COMPLETE    |              |
| Stream Restoration - 9014 Marseille Drive                 | STRE          | A         | 1       | 1.25       | 10/1/2011   | \$ -         | 0.03%           | COMPLETE    |              |
| Stream Restoration - 9412 Emory Grove Road                | STRE          | A         | 1       | 0.50       | 11/1/2011   | \$ -         | 0.01%           | COMPLETE    |              |
| Stream Restoration - Bucknell Drive Median Stream Channel | STRE          | A         | 1       | 3.50       | 11/1/2010   | \$ -         | 0.09%           | COMPLETE    |              |
| Stream Restoration through Gabion Walls - 9512 Columbia   | GABION        | A         | 1       | 0.35       | 9/1/2010    | \$ -         | 0.01%           | COMPLETE    |              |
| University Towers Stormwater Retrofits                    | MMBR          | E         | 9       | 2.55       | 7/10/2018   | \$ 1,752,577 | 0.07%           | COMPLETE    | FY19         |
| University Towers Stormwater Retrofits                    | APRP          | E         | 3       | 1.23       | 7/10/2018   | \$ 584,192   | 0.03%           | COMPLETE    | FY19         |
| Upper Northwest Branch Stream Restoration                 | STRE          | A         | 1       | 21.65      | 3/6/2013    | \$ 667,502   | 0.57%           | COMPLETE    |              |
| Upper Northwest Branch Stream Restoration                 | FPU           | A         | 1       | 0.04       | 3/6/2013    | \$ -         | 0.00%           | COMPLETE    |              |
| Valley Park Stormwater Pond Upgrades                      | PWED          | S         | 1       | 67.70      | 6/29/2017   | \$ 3,414,049 | 1.79%           | COMPLETE    |              |
| Westleigh (Muddy Branch SVU)                              | PWED          | S         | 1       | 11.67      | 12/1/2006   | \$ -         | 0.31%           | COMPLETE    |              |
| White Oak Green Streets                                   | MMBR          | E         | 4       | 0.85       | 5/2/2012    | \$ 375,352   | 0.02%           | COMPLETE    |              |
| White Oak Green Streets                                   | IMPP          | A         | 5       | 0.03       | 5/2/2012    | \$ -         | 0.00%           | COMPLETE    |              |
| White Oak Green Streets                                   | MMBR          | E         | 1       | 0.21       | 6/30/2012   | \$ 93,838    | 0.01%           | COMPLETE    |              |
| White Oak Green Streets                                   | OTH           | S         | 8       | 0.00       | 12/21/2012  | \$ 750,703   | 0.00%           | COMPLETE    |              |
| White Oak Green Streets                                   | MSWG          | E         | 4       | 0.83       | 12/21/2012  | \$ 375,352   | 0.02%           | COMPLETE    |              |

| REST BMP ID  | REST BMP TYPE | BMP CLASS | NUM BMP       | IMP ACRES‡      | BUILT DATE† | IMPL COST             | % ISRP Complete | IMPL STATUS | GEN COMMENTS |
|--|---------------|-----------|---------------|-----------------|-------------|-----------------------|-----------------|-------------|--------------|
| White Oak Green Streets                              | FBIO          | E         | 2             | 0.28            | 12/21/2012  | \$ 187,676            | 0.01%           | COMPLETE    |              |
| White Oak Green Streets                              | MMBR          | E         | 1             | 0.26            | 12/21/2012  | \$ 93,838             | 0.01%           | COMPLETE    |              |
| White Oak Green Streets                              | IMPP          | A         | 1             | 0.00            | 12/21/2012  | \$ -                  | 0.00%           | COMPLETE    |              |
| White Oak Middle School Stormwater Practice Upgrades | MMBR          | E         | 5             | 0.69            | 8/17/2016   | \$ 149,024            | 0.02%           | COMPLETE    |              |
| White Oak Middle School Stormwater Practice Upgrades | FBIO          | E         | 1             | 0.70            | 8/17/2016   | \$ 29,805             | 0.02%           | COMPLETE    |              |
| White Oak Middle School Stormwater Practice Upgrades | IMPP          | A         | 1             | 0.03            | 8/17/2016   | \$ -                  | 0.00%           | COMPLETE    |              |
| Wilson Lane  | STRE          | A         | 1             | 2.06            | 6/30/2015   | \$ -                  | 0.05%           | COMPLETE    |              |
| Woodlawn Stream Restoration                          | STRE          | A         | 3             | 23.13           | 3/26/2014   | \$ -                  | 0.61%           | COMPLETE    |              |
| WSSC and WGL Emergency Stream restoration            | STRE          | A         | 1             | 3.32            | 6/30/2015   | \$ -                  | 0.09%           | COMPLETE    |              |
| Subtotal Capital Complete To Date                    |               |           | 809           | 2,185.99        |             | \$ 103,810,341        | 57.86%          |             |              |
| <b>Other</b>   |               |           |               |                 |             |                       |                 |             |              |
| New BMPs Treating Existing Imp Area                  | REDE          | [blank]   | -             | 832.40          | 6/30/2017   | \$ 308,077            | 22.03%          | COMPLETE    |              |
| New BMPs Treating Existing Imp Area                  | REDE          | [blank]   | -             | 101.03          | 6/30/2018   | \$ 307,310            | 2.67%           | COMPLETE    |              |
| Subtotal Other Complete To Date                      |               |           | 0             | 933.43          |             | \$ 615,387            | 24.71%          |             |              |
| <b>Total Complete to Date</b>                        |               |           | <b>16,593</b> | <b>3,781.79</b> |             | <b>\$ 112,408,436</b> | <b>100.10%</b>  |             |              |

**Check with MDE Geodatabase:**

Rest BMP ID, type, class, number of BMPs, impervious acres, built date, implementation cost and implementation status should match the various geodatabase tables for BMPs (AltBMPLine, AltBMPPoint, AltBMPPoly, and RestBMP)- aggregated by type and status.

**Notes:**

For street sweeping indicate the annual frequency that the streets are swept and for inlet cleaning indicate the number of inlets cleaned-out.

\*IMPL COST is a summation and not an average.

†Built Date: Montgomery County's permit term began in FY2010

‡IMP ACRES = 0 when a BMP is nested within another BMP's drainage area (with the exception of the Olney Elementary School Stormwater Practice Upgrades which were Supplemental Environmental Projects (SEPs) required by the County's Consent Decree and therefore not eligible for IA credit)