

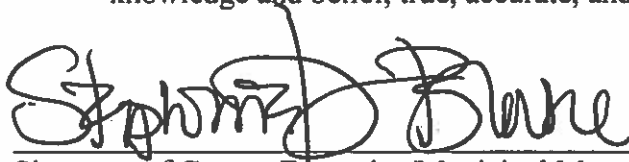
CERTIFICATION

WHEREAS, the provisions of § 4-202.1 of the Environment Article of the Annotated Code of Maryland require Baltimore City (County/City) to file a financial assurance plan to the Maryland Department of the Environment that demonstrates that it has sufficient funding to meet the impervious surface restoration plan requirements of the (County's/City's) National Pollutant Discharge Elimination System Phase I Municipal Separate Storm Sewer System Permit; and

WHEREAS, the provisions of this law require that "a county or municipality may not file a financial assurance plan under this subsection until the local governing body of the county or municipality: (i) Holds a public hearing on the financial assurance plan; and (ii) Approves the financial assurance plan."

NOW, THEREFORE, I certify that:

1. A public hearing was held on the financial assurance plan on June 8, 2016 (Date);
2. The local governing body approves the aforementioned financial assurance plan; and
3. Under penalty of law, the information in this financial assurance plan is, to the best of my knowledge and belief, true, accurate, and complete.



Signature of County Executive/Municipal Mayor or Chief Financial Officer

6-28-16

Date

Stephanie Rawlings-Blake

Printed Name of County Executive/Municipal Mayor or Chief Financial Officer

Mayor

Title

**Baltimore City– Fiscal Year 2016  
Financial Assurance Plan and  
Watershed Protection and Restoration Program Annual Report  
as required under the  
Watershed Protection and Restoration Program  
June 30, 2016**

**Executive Summary**

The submission of Baltimore City’s Financial Assurance Plan (FAP) and Watershed Protection and Restoration Program (WPRP) annual report to the Maryland Department of the Environment (MDE) fulfills requirements specified in the Maryland Article – Environment, Section 4-202.1. These plans and reports are being filed to MDE in order to document all actions implemented by Baltimore City to comply with its National Pollutant Discharge Elimination System (NPDES) municipal separate storm sewer system (MS4) permit and demonstrate the City’s ability to pay for these activities through the Watershed Protection and Restoration Fund.

An MS4 permit was issued to Baltimore City on December 27, 2013 and annual reports for Fiscal Years 2014 and 2015 have been submitted to MDE by the City on March 17, 2015 and December 23, 2015, respectively. These annual reports are based on the City’s <sup>[CM1]</sup> fiscal year (FY) and include updates on the City’s MS4 programs and impervious surface area restoration. Baltimore City has continued implementing its MS4 program and this Executive Summary documents achievements met since the December 24, 2015 annual report.

In compliance with the Maryland Article Section 4-202.1, the following FAP and WPRP annual report includes all activities that have been completed in compliance with Baltimore City’s MS4 permit, and five-year projections for the implementation of its stormwater program and best management practices (BMPs) necessary for meeting permit requirements. Specifically, these plans and reports document complete implementation and financial data for FY14 and FY15.

A major tenet of the FAP and WPRP annual report is to demonstrate the financial wherewithal for meeting MS4 permit impervious surface area restoration requirements. In order to document this ability, Baltimore City is providing MS4 program implementation projections for FY16, FY17, FY18, FY19, and FY20. Future FAPs will be submitted every two years on the anniversary date of the City’s MS4 permit issuance, beginning with December 27, 2018. Future WPRP annual reports will be submitted every year on the anniversary date of the City’s permit, beginning with December 27, 2016. The sections in this Executive Summary follow the order of Baltimore City’s MS4 permit found in Part IV, Standard Permit Conditions, and highlight the major achievements for each program element.

- Part IV.C. Source identification – Existing data is being converted based on MDE’s NPDES MS4 Geodatabase and User’s Guide, dated March 2015. Additional data for development and updates from field verification are also being incorporated. The new database will be included in the FY 2016 MS4 Annual Report.
- Part IV.D.1 and 2. Stormwater Management and Erosion and Sediment Control– four (4) full-time employees (FTE) were added in FY 2015 as part of the plans review consolidation (utility connection permitting). An additional 8 FTE will be added in FY 2017 to fulfill both plan review and inspection obligations. Paperless inspection reporting will be implemented in FY 2017. On-line guidance and training sessions to multiple stakeholder groups will begin in FY 2017. DPW received a grant in FY 2016 to develop design standard details and calculations for ESD practices, which will be submitted to MDE in FY 2017. An alternative as-built certification process is being evaluated for constructed BMPs with no as-built submittals from the developer. As of FY 2015 report, only BMPs with approved as-built submittals and completed inspections were reported. By FY 2018, all approved and constructed BMPs will be reported.
- Part IV.D.3. Illicit Discharge Detection and Elimination – 1 FTE was added in FY 2016 and another 3 FTE will be added in FY 2017. New camera equipment, use of iPad applications, field techniques, and pipeline assessment training were implemented in FY 2015 and 2016. DPW continues to work with private NGOs such as Blue Water Baltimore and Ridges to Reefs for volunteer-based IDDE efforts. US EPA performed an audit of this permit condition in August 2015.
- Part IV.D.4. Trash and Litter – Municipal trash cans were distributed to City residents in FY 2016. The Clean Corps Baltimore partnership was initiated in FY 2016, which included the distribution of the “Clean City Guide”: single source education material. Clean Corps provides education, training, materials and support services to twenty (20) target neighborhoods to assist residents in neighborhood cleaning activities. Additionally, there were 51 community and harbor clean-ups registered through the City’s Stormwater Participation Event.
- Part IV.D.5. Property Management and Maintenance – Street sweeping operations expanded city-wide in FY 2014, but additional parking signage and vehicle maintenance needs will be addressed in FY 2017 to 2019 to improve operation efficiency. Inlet screens and catch basin inserts were installed in five neighborhoods in FY 2016 to improve the efficiency of street sweeping and inlet cleaning, preventing trash and debris from migrating to the storm pipe. Contracted maintenance, equivalent to 6 FTE, was initiated in FY 2016 for preventive inlet cleaning. Additional contracted services, even if migrated to in-house services, should be offset by procedure efficiencies. Street sweeping and inlet cleaning are part of the impervious surface restoration plan (ISRP). US EPA performed an audit of this permit condition in August 2016. One FTE was assigned in FY 2016 to initiate an internal audit program on NPDES permitted facilities.
- Part IV.D.6. Public Education - 2 FTE will be added in FY 2017 for community outreach and grant coordination. Engagement of local universities in outreach and research was initiated in FY 2016. DPW initiated upgrading their website content in FY 2016, creating a “one-stop” page for items IV.D.6.b.i – vii. GROW Center pop-up locations were initiated in FY 2016.

- Part IV.E.1. Watershed Assessment – Community engagement was initiated in FY 2016. Assessments are scheduled to be updated and completed within FY 2018. Assessment will be completed using in-house resources.
- Part IV. E. 2. Restoration Plans—1 FTE was added in FY 2015. Another 7 FTE will be added by FY 2018. Over \$6M in design contracts were initiated in FY 2016. Over \$4M of construction is scheduled for advertisement in the summer of 2016. The majority of construction activities are scheduled for FY 2018, with some of the construction activities extending into FY 2019 until the end of the permit period. These capital projects are part of the ISRP.
- Part IV.E.5. TMDL Compliance – Nutrient and sediment TMDL compliance is aligned with the restoration plan progress. The trash TMDL implementation plan was submitted in FY 2016. Modifications to the bacteria TMDL are anticipated pending the modification of the City’s consent decree for unpermitted discharges from the wastewater collection system. A microbial source tracking study for bacteria, in partnership with local universities, will be initiated in FY 2017.
- Part IV.F. Assessment of Controls – DPW approved agreements with USGS to add monitoring parameters to existing stations in the County (reservoir) and City. Biological assessment of controls continues. Physical assessment of controls was postponed until repair of Stony Run was complete. This permit condition is a function of the same organization unit as IDDE.

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MS4 Information

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Jurisdiction	Baltimore City
Contact Name	Kimberly Grove
Phone	410-396-0732
Address	3001 Druid Park Drive
City	Baltimore
State	MD
Zip	21215
Email	<a href="mailto:kimberly.grove@baltimorecity.gov">kimberly.grove@baltimorecity.gov</a>
Baseline Acres	4291.00
Permit Num	11-DP-3315
Reporting Year	2016

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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 4-7-16

**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:

4,291

Requirement:

20%

REST BMP TYPE*	BMP CLASS	IMP ACRES	IMPL COST	% ISRP COMPLETE	IMPL STATUS**	PROJECTED IMPL YR
<b>Operation Programs</b>						
VSS	A	3175	\$4,942,590	74.0%		2016
SDV	A	20	\$4,842,042	0.5%		2016
VSS	A	3175	\$4,752,996	74.0%		2017
SDV	A	100	\$4,877,685	2.3%		2017
VSS	A	3175	\$4,895,586	74.0%		2018
SDV	A	215	\$5,024,015	5.0%		2018
VSS	A	3175	\$5,042,453	74.0%		2019
SDV	A	215	\$5,174,736	5.0%		2019
VSS	A	3175	\$5,193,727	74.0%		2020
SDV	A	215	\$5,329,978	5.0%		2020
Average Operations Next Two Years (FY2017-FY2018)***		3332.5	\$19,550,282	77.7%		
Average Operations Permit Term (FY2014-FY2018)***		3,050.1	\$38,585,120	71.1%		
Average Operations Permit Term and Projected Years (FY2014-FY2020)***		3,163.4	\$59,326,014	73.7%		
<b>Capital Projects</b>						
MMBR	E	1.2		0.0%	Under Construction	2017
STRE	A	80		1.9%	Under Construction	2017
PWET	S	191	\$7,771,000	4.5%	Pending	2019
WPWS	S	59	\$1,540,000	1.4%	Pending	2019
WEDW	S	9	\$212,000	0.2%	Pending	2019
FBIO	S	5	\$220,000	0.1%	Pending	2019
MMBR	E	1.5	\$155,400	0.0%	Pending	2017

MMBR	E	34.4	\$6,803,000	0.8%	Pending	2018
MMBR	E	22.9	\$3,113,000	0.5%	Pending	2019
STRE	A	771	\$44,590,355	18.0%	Pending	2019
SPSC	S	9	\$1,168,000	0.2%	Pending	2018
OTH	E	23.2	\$5,331,600	0.5%	Pending	2019
FPU	A	20.8	\$1,240,000	0.5%	Pending	2018
				0.0%		
				0.0%		
				0.0%		
				0.0%		
Subtotal Capital Next Two Years (FY2017-FY2018)		72.8	\$56,261,755	1.7%		
Subtotal Capital Permit Term (FY2014-FY2018)		1238.2	\$72,215,798	28.9%		
Subtotal Capital Permit Term and Projected Years (FY2014-FY2020)		1259	\$73,455,798	29.3%		
<b>Other</b>						
Redevelopment		150	\$0	3.5%	Under Construction	2019
Volunteer		129	\$0	3.0%	Proposed	2019
Subtotal Other Next Two Years (FY2017-FY2018)		279	\$0	6.50%		
Subtotal Other Permit Term (FY2014-FY2018)		279	\$0	6.5%		
Subtotal Operations Permit Term and Projected Years (FY2014-FY2020)		279	\$0	6.5%		
<b>Total Next Two Years (FY2017-FY2018)</b>		<b>3684.3</b>	<b>\$75,812,037</b>	<b>85.9%</b>		
<b>Total Permit Term (FY2014-FY2018)</b>		<b>4567.3</b>	<b>\$110,800,918</b>	<b>106.4%</b>		
<b>Total Permit Term and Projected Years (FY2014-FY2020)</b>		<b>4701.4</b>	<b>\$132,781,812</b>	<b>109.6%</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.

VERSION 4-7-16



**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 UP THRU 2014	FY 2015	CURRENT/PROJECTED YEAR 1 FY 2016	PROJECTED YEAR 2 FY 2017	PROJECTED YEAR 3 FY 2018	PROJECTED YEAR 4 FY 2019	PROJECTED YEAR 5 FY 2020	TOTAL COSTS
<b>Operating Expenditures (costs)</b>								
Street Sweeping Program	\$4,201,342	\$5,048,864	\$4,942,590	\$4,752,996	\$4,895,586	\$5,042,453	\$5,193,727	\$34,077,558
Inlet Cleaning	\$4,240,303	\$3,976,357	\$4,842,042	\$4,877,685	\$5,024,015	\$5,174,736	\$5,329,978	\$33,465,116
Support of Capital Projects	\$1,060,832	\$899,438	\$715,342	\$1,001,257	\$1,031,295	\$531,117	\$0	\$5,239,281
Debt Service Payment	\$353,838	\$241,406	\$208,424	\$702,528	\$1,639,086	\$4,774,654	\$5,514,581	\$13,434,517
Other (please stipulate program expenditure)*	-	-	-	-	-	-	-	\$0
<b>Capital Expenditures (costs)</b>								
General Fund (Paygo)	\$560,901	\$25,618	\$136,288	\$335,146	\$540,000	\$0	\$0	\$1,597,953
WPR Fund (Paygo)		\$229,858	\$1,375,505	\$10,011,729	\$19,398,505	\$4,931,360	\$0	\$35,946,957
Debt Service	\$1,311,433		\$836,722	\$11,281,226	\$31,033,479	\$6,167,456	\$0	\$50,630,316
Grants & Partnerships			\$0	\$0	\$1,130,516	\$376,839	\$0	\$1,507,355
Other (please stipulate capital expenditure)*								\$0
Subtotal operation and paygo:	\$10,417,216	\$10,421,541	\$12,220,191	\$21,681,341	\$32,528,487	\$20,454,320	\$16,038,286	\$123,761,382
<b>Total expenditures:</b>	<b>\$11,728,649</b>	<b>\$10,421,541</b>	<b>\$13,056,913</b>	<b>\$32,962,567</b>	<b>\$64,692,482</b>	<b>\$26,998,615</b>	<b>\$16,038,286</b>	<b>\$175,899,053</b>

Total ISRP costs except debt service: **\$162,464,536**  
 Compare ISRP costs (except debt service) / total ISRP proposed actions: **122.35%**

**Check with MDE Geodatabase:**

The total current FY 2015 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 2016 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.

**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 2014	FY 2015	CURRENT/PROJECTED YEAR 1 FY 2016	PROJECTED YEAR 2 FY 2017	PROJECTED YEAR 3 FY 2018	PROJECTED YEAR 4 FY 2019	PROJECTED YEAR 5 FY 2020	TOTAL NEXT 2-YEARS FY 17-18*	TOTAL CURRENT + PROJECTED
Annual Revenue** Appropriated for ISRP	\$65,363,957	\$12,647,379	\$15,059,675	\$20,204,572	\$59,239,742	\$49,859,604	\$14,654,996	\$79,444,314	\$237,029,925
Annual Costs towards ISRP***	\$11,728,649	\$10,421,541	\$13,056,913	\$32,962,567	\$64,692,482	\$26,998,615	\$16,038,286	\$97,655,049	\$175,899,053

**Compare annual costs / revenue appropriated\*\*\*\*: 81%**  
**WPRP 2016 Reporting Criteria 75%**

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 2018.

\*\* 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 2016 at the time of FAP reporting.

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

\*\*\*\* Description was changed from MDE mandated format to match the calculation, but the calculation remains the same.

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 Seperate Storm Sewer System Permit.

SOURCE	PAST UP THRU 2014	FY 2015	CURRENT/PROJECTED YEAR 1 FY 2016	PROJECTED YEAR 2 FY 2017	PROJECTED YEAR 3 FY 2018	PROJECTED YEAR 4 FY 2019	PROJECTED YEAR 5 FY 2020	TOTAL PERMIT CYCLE
<b>Paygo Sources</b>								
Stormwater Remediation Fees (WPR Fund)	\$13,839,985	\$16,183,495	\$21,052,184	\$20,536,714	\$27,443,394	\$24,141,367	\$32,499,181	\$99,055,772
Miscellaneous Fees (WPR Fund)	\$43,490	\$86,130	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$279,620
General Fund	\$0	\$2,524,432	\$2,471,295	\$2,376,498	\$2,447,793	\$2,521,227	\$2,596,864	\$9,820,018
Water and WW Utility	\$1,227,537	\$1,066,731	\$1,663,121	\$2,077,826	\$2,140,161	\$2,204,366	\$2,270,496	\$8,175,376
Other Funds 2 (please stipulate funding source)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Funds 3 (please stipulate funding source)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Paygo Sources	\$15,111,012	\$19,860,788	\$25,236,600	\$25,041,038	\$32,081,348	\$28,916,960	\$37,416,541	\$117,330,786
<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 2014).</b>								
County Transportation Bonds	\$27,184,748	\$0	\$0	\$0	\$0	\$0	\$0	\$27,184,748
General Obligation Bonds	\$5,275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,275,000
Revenue (Utility) Bonds	\$0	\$0	\$0	\$0	\$11,086,400	\$26,348,000	\$1,458,000	\$11,086,400
State Revolving Loan Fund	\$0	\$0	\$0	\$583,000	\$20,775,600	\$0	\$0	\$21,358,600
MD Water Quality Loan	\$4,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,800,000
Public-private partnership (debt service)	\$7,087,000	\$0	\$0	\$0	\$0	\$0	\$0	\$7,087,000
Subtotal Debt Service	\$44,346,748	\$0	\$0	\$583,000	\$31,862,000	\$26,348,000	\$1,458,000	\$76,791,748
<b>Grants and Partnerships (no payment is expected)</b>								
State funded grants	\$0	\$30,602	\$0	\$700,000	\$500,000	\$500,000	\$0	\$1,230,602
Federal funded grants	\$0	\$0	\$0	\$0	\$2,000,000	\$1,000,000	\$0	\$2,000,000
Public-private partnership (matched grant)	\$0	\$0	\$0	\$250,465	\$0	\$0	\$0	\$250,465
Subtotal Grants and Partnerships	\$0	\$30,602	\$0	\$950,465	\$2,500,000	\$1,500,000	\$0	\$3,481,067
<b>Total Annual Sources of Funds</b>	<b>\$59,457,760</b>	<b>\$19,891,390</b>	<b>\$25,236,600</b>	<b>\$26,574,503</b>	<b>\$66,443,348</b>	<b>\$56,764,960</b>	<b>\$38,874,541</b>	<b>\$197,603,601</b>
<b>Percent of Funds Directed Toward ISRP</b>	20%	52%	52%	124%	97%	48%	41%	

Compare total permit term paygo ISRP costs / subtotal permit term paygo sources: 74%

Compare total permit term ISRP costs / total permit term annual sources of funds: 67%

\* WPR Fund: Watershed Protection and Restoration Fund.

**Check with MDE Geodatabase:**

The total sources related to WPR Funds in Current FY 2015 should march the "WPR\_Fund" field of the geodatabase.

**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:

4,291

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>Operation Programs</b>									
	VSS	A	1	3175	6/30/2015	\$5,048,864	74.0%	Complete	
	VSS	A	1	1506	6/30/2014	\$4,201,342	35.1%	Complete	
							0.0%		
							0.0%		
Average Operations Complete To Date*			1	2,341		\$9,250,206	27.3%		
<b>Capital Projects</b>									
	STRE	A	1	31	3/1/2014	\$1,311,443	0.7%	Complete	
							0.0%		
							0.0%		
							0.0%		
Subtotal Capital Complete To Date			1	31		\$1,311,443	0.72%		
<b>Other</b>									
							0.0%		
							0.0%		
Subtotal Other Complete To Date			0	0		\$0	0.0%		
<b>Total Complete to Date</b>			<b>2</b>	<b>2,371.5</b>		<b>\$10,561,649</b>	<b>28.0%</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.

**Watershed Protection and Restoration Program Annual Report Table**

Article 4-202.1(i)(4): "The percentage and amount of funds in the local watershed protection and restoration fund spent on each of the purposes provided in subsection (h)(4) of this section;"

Program Element	Cost	Percent of WPRF
Capital Improvements for Stormwater Management	\$6,781,052.00	39.39%
Operation and maintenance of stromwater management systems and facilities	\$8,362,242.00	48.57%
Public Education and Outreach	\$169,440.00	0.98%
Stormwater Management Planning (see Md. Environment Code Ann. § 4-202.1(h)(4)(iv))	\$1,035,353.00	6.01%
Review of Stormwater Management Plans and Permit Applications for New Development	\$613,076.00	3.56%
Grants to Nonprofit Organizations	\$102,107.00	0.59%
Adminstration of WPRF	\$152,438.00	0.89%
<b>TOTAL</b>	<b>\$17,215,708.00</b>	<b>100.00%</b>
Number of Properties Subject to Fee	223,623	
Reporting Year	2015	
Permit Number		
Comments:		

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Jurisdiction	Agency	Local Ordinance Submitted to MDE	MDE Approval of Fee Reduction Policy	Fee Reduction Amount	Rate Structures				
					Annual Single Family Residential Rate	Annual Commercial Rate	Equivalent Residential Unit (ERU) impervious	Commercial Capped Rates	Non-profits, Religious Organizations
Baltimore City	Department of Public Works	Yes	NA	NA	\$30 - 120 <sup>2</sup>	\$60 / ERU	1,050 sf	Capped at 20% of all State and local property taxes	\$12 / ERU on religious and K-12 education structures

Directions: Use: Yes or No      Use the approval date or N/A      Reduction amount(s), if any, with reason for reduction(s)      Use: N/A, amount of flat rate, rate amount per ERU, etc.

Notes:  
 ERU = Equivalent residential unit  
 2 - SFR Rate structure is 3 tiered based on impervious area: \$40 / yr for less than 820 sf IA, \$60 / yr for 820 to 1,500 sf IA, \$120 / yr for more than 1,500 sf IA  
 3 - Estimated annual revenue listed includes the amount billed for the stormwater fee, plus the miscellaneous fees collected.  
 Fee structure and rate established in July 2013 to remain constant for at least 4 years (July 2017).  
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Exemptions	Federal Facilities Status	Federal Facility Fee(s)/Rate(s)	Additional Sources of Funds			Estimated Annual Revenue	Notes
			Additional Source 1	Additional Source 2	Additional Source 3		
IA permitted to public ww system; streets privately maintained and open to public in SFR communities, IA requires as a superfund cap, solar panel bases.	Charged	\$60 / yr / ERU	SWM/ESC Misc. Fees for permitting and penalties: \$86,130			\$28,302,000.00	
General description of exemption(s), if any	Use: No Facilities, Exempt, or Charged	Use: N/A or the fee and rate structures for federal facilities					

**Article 4-202.1(i)(3): "The amount of money deposited into the watershed protection and restoration fund in the previous fiscal year by source;"**

Source	Amount
Stormwater Remediation Fee	\$28,302,000.00
SWM/ ESC Miscellaneous Fees	\$ 86,130.00
	\$ 28,388,130.00

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**All SWM Projects Implemented in Previous FY for the 20% Restoration Requirement**

REST BMP ID	REST BMP TYPE	BMP CLASS	NUM BMP	IMP ACRES	BUILT DATE	IMPL COST	IMPL STATUS	IMPL COMP YR
VSS		A	1	3,175	6/30/2015	\$5,048,864	74.0%	2015
				3,175		\$5,048,864		

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