



**HARFORD COUNTY GOVERNMENT
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENVIRONMENT & SUSTAINABILITY
BUREAU OF STORMWATER MANAGEMENT
212 S. BOND STREET, 3RD FLOOR
BEL AIR, MD 21014
PHONE: 410.638.3509 FAX: 410.893.3849**

**STORMWATER MANAGEMENT SUMMARY
PROJECT INFORMATION PAGE**

Owner / Applicant / Engineer-in-Charge Information							
Project Name:							
Address:							
Location:							
Property Owner / Project Applicant:							
Address:		Street:					
		City:		State:		Zip:	
Contact Name:				E-mail:			
Contact Phone:				Mobile:			
Design Consultant:							
Address:		Street:					
		City:		State:		Zip:	
Main Phone:				Fax:			
Engineer-in-Charge:				E-mail:			

Project Information							
Contract Number:		Plan #:		SWMENGAB-		SCD Number:	
Total Number of Structural BMPs:				Total Number of ESD or Alternative Devices:			
Total Project Area (acres):				Total Disturbed Area (acres):			
Total Impervious Area (acres):				Total Drainage Area (acres):			
Stormwater Easement Agreement:		SWM Inspection & Maintenance Agreement:					
Date:				Date:			
Book:		Page:		Book:		Page:	
BMP / ESD Owner:							
Address:		Street:					
		City:		State:		Zip:	
Phone:				Mobile:			
BMP / ESD Owner Contact:				Email:			
Tax Map Number:				Parcel Number:			
Election District Number:				State Watershed: MD 8-digit code:			

Table 1: Individual Facility / Inventory List		*MDE SW Design Manual Code Designation	*BMP Class	Sequential Number	*Construction Purpose	BMP / ESD Contributing Drainage Area (acres)	Impervious Area (BMP impervious drainage area) (acres)	*Quantity Management	*On Site or Off Site	PE Required (inches)	PE Addressed (inches)	ESDV Provided (cubic feet) or minimum Water Quality Volume (WQv) (cubic feet)	378 Pond (Y/N)	*Maintenance Responsibility	*Status of BMP
Include all Structural BMPs, Nonstructural BMPs, ESD Practices and Alternative BMPs. Please use specified values from the Field References & Code Descriptions for all fields marked with (*).															
*BMP Type (Code):															
BMP Name:															
Location of the Facility: (street address/location)						City:				Zip:		Lat./Long.			
*BMP Type (Code):															
BMP Name:															
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BMP Name:															
Location of the Facility: (street address/location)						City:				Zip:		Lat./Long.			

Table 2: Individual Facility / Inventory List Conversion, Redevelopment or Restoration Projects		* Construction Purpose	Sequential Number	* Converted From (Prior BMP Type)	PE Treated (Prior to Conversion) (inches)	Total Impervious Acre Credit (Prior to Conversion) (Acres)	Reconstructed Impervious d Acres Treated	PE Addressed for Reconstructed Impervious Area (inches)	PE – Total Rainfall Depth Managed (inches)	WQT – Impervious Acre Credit associated with Water Quality Treatment (Acres)	WM – Impervious Acre Credit associated with Portion of Extended Detention Volume ABOVE WQT (Acres)	GSI – Impervious Acre Credit associated with the GREEN Stormwater Infrastructure Treatment above the WQT	Total Impervious Ac. Credit (WQT+WM+GSI)	TN loading reduction (lbs/year)	TP loading reduction (lbs/year)	TSS loading reduction (lbs/year)
Additional Information: Include all Structural BMPs, Nonstructural BMPs, ESD Practices and Alternative BMPs that have a Construction Purpose of: Conversion (CONV) Redevelopment (REDE) New Restoration Project (REST) Please use specified values from the Field References & Code Descriptions for all fields marked with (*).																
				Conversion Projects			Redevelopment	Conversion, Redevelopment & Restoration Projects								
*BMP Type (Code):																
BMP Name:																
Location of the Facility: (street address/location)						City:		Zip:		Lat./Long.						
*BMP Type (Code):																
BMP Name:																
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BMP Name:																
Location of the Facility: (street address/location)						City:		Zip:		Lat./Long.						
*BMP Type (Code):																
BMP Name:																
Location of the Facility: (street address/location)						City:		Zip:		Lat./Long.						

GENERAL INSTRUCTIONS

1. This form must be completed by the professional responsible for the design and confirmed by the Engineer-in-Charge.
2. This form must be completed and submitted in its original electronic format, as well as a paper copy.
3. To obtain an electronic copy of this form, please visit the Harford County website.
4. Multiple copies of the Inventory Table pages are to be used/inserted to provide a complete inventory list.

ADDITIONAL INSTRUCTIONS

1. The Latitude and Longitude to be based on the Maryland State Plane Coordinate System to locate the facility. Generally, the coordinate point should be at the outlet control device (riser, weir wall, headwall, etc.) or other suitable locations, such as the end of a swale, drywell observation well cap, etc. For single lots that have vegetated Rooftop/Non-rooftop disconnects, set coordinate point at the center lower front step.
2. Use the Field References Code & Descriptions to assist in filling out the forms.

Engineer-in-Charge:			
Name:		Title:	
License Number:		Phone:	
Signature:			Date:
Seal:		For office use only:	

MD Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. _____, Expiration Date: _____.

FIELD REFERENCES CODE & DESCRIPTIONS

BMP TYPE:

Code	Code Description	Code	Code Description
AGRE	Green Roof – Extensive	MSWW	Wet Swale
AGRI	Green Roof – Intensive	NDNR	Non-Rooftop Disconnect
APRP	Permeable Pavements	NDRR	Rooftop Disconnect
ARTF	Reinforced Turf	NSCA	Sheetflow to Conservation Areas
FBIO	Bioretention	ODSW	Dry Swale
FORG	Organic Filter (Peat Filter)	OWSW	Wet Swale
FPER	Perimeter (Sand) Filter	PMED	Micro-pool Extended Detention Pond
FPKT	Pocket Filter	PMPS	Multiple Pond System
FSND	Surface Sand Filter	PPKT	Pocket Pond
FUND	Underground Filter	PWED	Wet Extended Detention Pond
IBAS	Infiltration Basin	PWET	Wet Pond
ITRN	Infiltration Trench	UGS	Underground Storage
MENF	Enhanced Filter	SPSD	Dry Channel Regenerative Step Pool Stormwater Conveyance System
MIBR	Infiltration Berms	WEDW	Extended Detention Shallow Wetland
MIBR	Infiltration Berms	WPKT	Pocket Wetland
MIDW	Dry Well	WPWS	Pond Wetland System
MILS	Landscape infiltration	WSHW	Shallow Marsh
MMBR	Micro-Bioretention	XDED	Dry Extended Detention Structure
MRNG	Rain Garden	XDPD	Detention Structure (Dry Pond)
MRWH	Rainwater Harvesting	XFLD	Flood Management Area
MSGW	Submerged Gravel Wetlands	XOGS	Oil Grit separator
MSWB	Bio-Swale	OTH	Other
MSWG	Grass Swale		

ALTERNATIVE BMP TYPE:

Code	Code Description	Code	Code Description
CLTM	Conservation Landscaping	RFP	Riparian Forest Planting
FCO	Forest Conservation	SHST	Shoreline Stabilization
FPU	Forestation of Pervious Urban (Forest Planting)	STCI	Street Trees
FTW	Floating Treatment Wetlands	STRE	Stream Restoration
IMPF	Impervious Surface to Forest	UTC	Urban Tree Canopy (Pervious Turf to Tree Canopy over Turf)
IMPP	Impervious Surface to Pervious	USRI	Urban Soil Restoration on Removed Impervious Surface
OUT	Outfall Stabilization	USRP	Urban Soil Restoration on Compacted Pervious Surface
RCL	Riparian Conservation Landscaping		

MDE STORMWATER DESIGN MANUAL CODES FOR STRUCTURAL PRACTICES:

Code	Code Description
P-1	Micro-pool extended detention pond (Figure 3.1)
P-2	Wet pond (Figure 3.2)
P-3	Wet extended detention pond (Figure 3.3)
P-4	Multiple pond system (Figure 3.4)
P-5	Pocket pond
W-1	Shallow wetland (Figure 3.6)
W-2	ED shallow wetland (Figure 3.7)
W-3	Pond/wetland system (Figure 3.8)
W-4	Pocket wetland (Figure 3.9)
I-1	Infiltration trench (Figure 3.10)
I-2	Infiltration basin (Figure 3.11)
A-1	Green Roofs
A-2	Permeable Pavements
A-3	Reinforced Turf

MDE STORMWATER DESIGN MANUAL CODES FOR NONSTRUCTURAL PRACTICES:

Code	Code Description
N-1	Disconnection of Rooftop Runoff
N-2	Disconnection of Non-Rooftop Runoff
N-3	Sheetflow to Conservation Areas

MDE STORMWATER DESIGN MANUAL CODES FOR MICRO-SCALE PRACTICES:

Code	Code Description
M-1	Rainwater Harvesting
M-2	Submerged Gravel Wetlands
M-3	Landscape Infiltration
M-4	Infiltration Berms
M-5	Dry Wells
M-6	Micro-Bioretenion
M-7	Rain Gardens
M-8	Swales
M-9	Enhanced Filters

BMP CLASS:

Code	Code Description
A	Alternative BMP
E	ESD practice or system
S	Structural BMP
E+S	ESD + One Structural Practice

CONSTRUCTION PURPOSE:

Code	Code Description
CONV	Conversion of Existing BMP
NEWD	New Development Project
REDE	Redevelopment Project
REST	New Restoration Project
SEP	Supplemental Environmental Project

QUANTITY MANAGEMENT:

Code	Code Description
V1	Cpv
V2	2-yr
V3	10-yr
V4	100-yr
V5	Cpv & 10-yr
V6	Cpv & 100-yr
V7	Cpv, 2-yr & 10-yr
V8	Cpv, 2-yr & 100-yr
V9	Cpv, 2-yr, 10-yr & 100-yr
V10	2-yr & 10-yr
V11	2-yr & 100-yr
V12	2-yr, 10-yr & 100-yr
V13	Quantity Not Provided
V14	Other Local Requirement
V15	Cpv, 10-yr & 100-yr
Dev	Under Development

ON SITE OR OFF SITE:

Code	Code Description
ON	On Site
OFF	Off Site

PROJECT STATUS:

Code	Code Description
C	Complete
P	Planning
UC	Under Construction

BMP STATUS:

Code	Code Description
ACT	Active
REM	Removed
PROP	Proposed

MAINTENANCE RESPONSIBILITY:

Code	Code Description
DPW	Harford County DPW
PRIVATE	Private Owner
HOA	Homeowners Association
VFD	Volunteer Fire Department
BOE-HA	Board of Education of Harford County

JURISDICTION:

Code	Code Description
HA	Harford County
ST	State
FED	Federal

STATE WATERSHED - MARYLAND 8 DIGIT HYDROLOGIC UNIT CODE:

Code	Code Description
02130705	Aberdeen Proving Ground
02130703	Atkisson Reservoir
02120205	Broad Creek
02130704	Bynum Run
02120204	Conowingo Dam Susquehanna River
02120202	Deer Creek
02130804	Little Gunpowder Falls
02130805	Loch Raven Reservoir
02120201	Lower Susquehanna River
02130702	Lower Winters Run
02130706	Swan Creek