

BMP MATRIX

	Activity	PennDOT	DEP	EPA	Washington	California	Other
1	Pesticide and herbicide application					SC-41 Building and Grounds Maintenance SC-42 Parking/Storage Area Maintenance SC-73 Landscape Maintenance	
2	Spraying guide rail lines and sports fields						
3	Equipment cleaning	*For all PennDOT activities, please refer to "PennDOT BMP Packet." This 122-page document covers all BMP activities.	Wash & Clean Equipment in Designated Areas BMP 040 Discharge Wash Water to a Sanitary Sewer BMP 028 Keep Equipment/Vehicles Clean BMP 043 Designate Areas for Washing Non-vehicular air filters/greasy equipment BMP 041 Recycle Pressure Wash Solvents			SC-21 Vehicle and Equipment Cleaning SC-22 Vehicle and Equipment Repair SC-32 Outdoor Equipment Maintenance	Bethlehem Ordinances: Refer to pdf page 17 and on for stormwater management and other useful BMPs. Fairfax Virginia BMPs: Refer to webpage for various stormwater management BMPs.
4	Material and equipment storage		Special Detention Areas - Rooftops, Parking Lot BMP 035 Park Vehicles on an Impervious Surface			SC-11 Spill Prevention, Control, and Clean-up SC-30 Outdoor Loading/Unloading SC-31 Outdoor Container Storage SC-33 Outdoor Storage of Raw Materials SC-61 Safer Alternative Products	
5	Park and recreation area maintenance		BMP 5.6 Minimize Total Disturbed Area - Grading BMP 5.7 Minimize Soil Compaction in Disturbed Areas BMP 5.8 Re-Vegetate and Re-Forest Disturbed Areas Constructed Wetlands BMP 019 Minimize Storm Water Run-On from Adjacent Facilities			4J-7: Discharge of Chlorinated Water & Algae Control for Municipal Swimming Pools, Fountains, & lakes	
6	Road Maintenance		BMP 5.9 Reduce Street Imperviousness BMP 5.10 Reduce Parking Imperviousness BMP 5.13 Streetsweeping BMP 6.1 Porous Pavement with Infiltration Bed Vegetated Swale Recharge Garden Vegetated Filter Strip			SC-70 Road and Street Maintenance SC-71 Plaza and Sidewalk Cleaning 4J-2 Street Sweeping: Frequency, Timing, & Access 4J - 5: Street Median Erosion, Irrigation, & Pesticides	
7	Road Salting						Deicing BMP 001: Ice and snow removal methods in different cities
8	Snow Removal						Deicing BMP 001: Table 1: Deicing Alternatives with Costs and Characteristics
9	Waste disposal and storage		BMP 036 Designate Special Areas for Draining/Replace Fluids BMP 032 Dispose of Obsolete Equipment BMP 004 Control Spills			SC-34 Waste Handling and Disposal	
10	Equipment maintenance		Equipment and Vehicle Maintenance BMP 029 Maintain Equipment in Good Condition BMP 004 Avoid Hosing Down the Site BMP 042 Use Drip Pans Under Leaking Equipment BMP 045 Reduce the Amount of Liquid Cleaning Agents Used			SC-21 Vehicle and Equipment Cleaning SC-22 Vehicle and Equipment Repair SC-32 Outdoor Equipment Maintenance	
11	Vehicle maintenance		Vehicle Maintenance BMP 038 Completely Drain Oil Filters Before Disposal BMP 037 Drain Fluid from Stored/Salvaged Vehicles/Equip BMP 039 Wash Equipment/Vehicles in Designated Area BMP 030 Implement Qualifying Tests for Equip/Vehicle Operators BMP 044 Conduct Maintenance Within a Building or Covered Area BMP 033 Check Vehicles/Equipment for Leaks BMP 034 Park Vehicles/Equipment Indoors or Under a Roof		Washwater Containment and Collection Uncovered Wash Areas Discharges to a Municipale Sewerage System Discharges to Ground	SC-21 Vehicle and Equipment Cleaning SC-22 Vehicle and Equipment Repair	
12	Storm sewer and drain maintenance		Capture & Reuse Subsurface Infiltration BMP 027 Stencil Signs on Storm Drain Inlets BMP 024 Insert Filter in Catch Basin BMP 025 Place Absorbent Blankets in Catch Basin BMP 026 Routinely Clean Catch Basins BMP 005 Perform Regular Pavement Sweeping	BMP EPA: NPDES Phase I & II (MS4 programs & maps), ADS (Advanced Drainage Systems) Water Quality Structures and technical support: water tight joints and manhole/catch basin connection. BMP EPA/Tetrattech: Public outreach/participation & runoff control projects, pollution prevention & good housekeeping.		SC-60 Housekeeping Practices SC-74 Drainage System Maintenance SC-76 Water and Sewer Utility Maintenance	New Jersey Storm Drain BMP: Labeling/Stenciling Guidelines
13	Bridge maintenance						
14	Vehicle Fueling		BMP 061 Avoid Topping off Tanks			SC-20 Vehicle and Equipment Fueling	
15	Detention areas (parking lots, rooftops)		PA Stormwater Structural BMP				
16	Construction activities						

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17	Erosion and Sediment Control		DEP Erosion and Sediment Control Manual	EPA National Menu of BMPs for Stormwater NPDES II			
18	Lawn Care						Article 121: BMPs lawncare Turf and Landscape-Stormwater mgt.
19	Miscellaneous Activities		Vegetated Roof Cover	Urban Stormwater BMP EPA Study (a,b,c,d,f)		4J-4: Cleaning & Discharge for Building Exteriors & Walls, Paint/Graffiti Removal, Masonry	FL Erosion and Sed. Control inspectors Manual
			Infiltration Basin	BMPs for Construction, storm water quality			Jefferson County Alabama EMS
			Porous Pavement With Infiltration Bed				Los Angeles Stormwater BMP Manual
			Infiltration Trench				MoDNR Water Protection Program
			French Drain				NJ DEP Stormwater BMPs
			Water Quality Inserts	BMP EPA: Pollution Prevention; waste reduction, safe alternatives, spill cleanup, good housekeeping, parts cleaning			NJ Stormwater BMP Manual (see also municipal stormwater regulation program link)
			PA BMP Recommendations Matrix				Urban BMPs and Cost Estimation
			PA low impact dev. and stormwater BMPs (ppt pres.)				WA Municipal Research-BMPs
			PA Model Stormwater Ordinance (MS4 Communities)	BMP EPA: Natl Menu Strm Wtr Phase II: "6 Minimum Control Measures" : Public outreach/education, discharge elimination, site construction runoff control, post construction management, P2/good housekeeping.			WA Water Quality Mgt. to control NPS Pollution
			PA Stormwater Low Impact Dev. (ppt. presentations)				Western WA Stormwater Manual
			PA Stormwater Man. Symposium proceedings (pdf.s)				
			BMP DEP Protocol: 6 Minimum Control Measures, multiple BMPs and timeline (paper copy)				