



Designer/Contact:

Sediment Control and Environmental Site Design (ESD) Plan Review Checklist

This checklist to be completed by DPS

To the Design Professional:

This checklist is intended to provide guidance to you as you prepare your design plans. The items on this checklist are some of the items that will be reviewed by DPS staff. Please address all items and any additional comments provided on the plans and computations. Provide brief responses to Changemarks in the Applicant's Response Box in ePlans on the Workflow Information Page. You are not required to submit this checklist with your review submissions.

Please refer to "BASIC SUBMITTAL REQUIREMENTS" prior to submitting plans for review:

https://www.montgomerycountymd.gov/DPS/eplans/sediment-control-eplans.htm

Project Name:

SC Permit No.:		Assigned to:	
<u>Checkl</u> OK	<u>ist Legend:</u> Complete/Acceptable		
INC	Incomplete/Incorrect	Submittal Date	Review Date
N/A	Not Applicable	<i></i>	nonen zute
TBD	To Be Determined		
SC	Sediment Control		
SWM	Stormwater Management		
LOD	Limit of Disturbance		
DAM	Drainage Area Man		
DAM ESD	Drainage Area Map Environmental Site Design		
ESDv	Volume associated with ESD measures		
SOC	Sequence of Construction		
WSEL			
ROW	Right-of-Way		
SPA	Special Protection Area		
WRTP	Water Resources Technical Policy		
0=0	TION A Comment of the state of	C	
SEC	TION A - Cover Sheet - Items that must be on t	rirst plan sneet	
parcels	1. <u>Title Block</u> : Project name, deed liber/folio, or other legal references.)	, property address and legal	description (lots/blocks/subdivision,
	2. <u>Project Scope/Name</u> : Exan for Demolition and Sheeting and Shoring Only, s: Street name(s) and station numbers.		SWM for [project name], Sediment rading Only for [project name]. Road
	3. Owner/Permit Applicant Info	ormation: Name, address, phon	e no., contact person and email.
	4. <u>DPS Approval Box</u> : Lower ri	ight-hand corner with SC and S	WM numbers filled in as applicable.
	5. <u>2" X 3" Blank Space</u> : For M0	CDPS approval (Batch Stamp),	top middle of each sheet.

6. <u>Vicinity Map</u> : Site outlined and adjacent streets labeled.
7. <u>"Related Required Permits" Table</u> : Completed by the applicant. Address all listed permits and additional permits as needed for SC or SWM permit issuance or as requested by the reviewer. Provide the reviewer with copies of all Federal and State permits prior to approval of the sediment control plans.
8. <u>"Tree Canopy Requirements Table"</u> : Completed by the applicant. Projects that receive a M-NCPPC Forest Conservation Exemption <u>are subject</u> to the Tree Canopy Ordinance administered by MCDPS.
9. <u>"Record Drawing Certification"</u> : Complete as follows: provide Right-of-Entry Agreement recording information when applicable, and N/A when not. Check applicable as-built requirement box. If an Owner's Signature is not required note N/A on the Owner's Signature line.
10. "MCDPS Runoff Statement": Completed and signed by design professional.
11. <u>Sheet Index Table</u> : Provide sheet numbers, corresponding electronic (ePlans) file name and sheet contents. Each sheet consecutively numbered: e.g. Sheet SC/SWM # of #. Identify sheet with the SOC. Index not needed for Individual Single-Family Lot plans.
12. Qualified Professional Seal and Signature: Seal of a Maryland Registered Professional Engineer (PE), Maryland Land Surveyor, Maryland Landscape Architect or Maryland Architect. Provide Digital Seal and Signature per State and County requirements. Seal only required to be on the first sheet. Provide date signed and expiration date. Plans requiring Small Pond or Dam Safety approval can only be sealed by a Maryland PE.
13. "Special Protection Area (SPA) Notice": Completed for projects within a designated SPA.
14. MCDPS Approval Letters: SWM Concept approval letter(s), Preliminary and Final Water Quality Plan approval letter(s) and Phasing Agreement as applicable.
15. Property Information/General Notes: Property size in square feet, Zoning, MDE Watershed, and Use Class. SPA name and the proposed area of disturbance (LOD) within the SPA when applicable. Provide a listing of Lots/Blocks, Parcels, Outlots, Subdivision, and Public Roads covered by the permit. Identify Type of Development: Redevelopment or New Development. Redevelopment is any construction, alteration, or improvement that exceeds or equals 5,000 square feet of land disturbance and is performed on a site where the existing land use is commercial, industrial, institutional, or multifamily residential and existing imperviousness is greater than 40 percent.
SECTION B - Sediment Control - Plan Views
1. <u>Scale</u> : All plan views, profiles and sections. Use legible engineer's scale appropriate for complexity of plan such as 1" = 30' but never smaller than 1" = 50'. Include a bar scale to assist with future document reproduction. If reviewer cannot read the plans at the scale provided, it may be required to be resubmitted at an appropriate scale.
2. <u>Property</u> : Project's property lines and ROW lines dark and clearly identified. Owner information shown for all adjacent properties. Delineate and label ROW to be dedicated when applicable. Include name of adjacent property owner(s).
3. North Arrow: On all plan views, including insets and larger scale plan views.
5. INGITE ATTOW. Of all plan views, including insets and larger scale plan views.
4. Existing Topography and Proposed Grades: Shown and clearly labeled. Show sufficient topography on adjacent properties to support the design including LOD's and drainage impacts. As adjacent properties are typically not accessible by survey crews, utilize readily available public sources when off-site field topography is not available. Existing and proposed contours at 2' intervals are typical. Sufficient spot grades to support drainage areas, divides and flow patterns. Label low points (LP) and high points (HP) with spot elevations.
4. Existing Topography and Proposed Grades: Shown and clearly labeled. Show sufficient topography on adjacent properties to support the design including LOD's and drainage impacts. As adjacent properties are typically not accessible by survey crews, utilize readily available public sources when off-site field topography is not available. Existing and proposed contours at 2' intervals are typical. Sufficient spot grades to support drainage areas, divides

part of the plan set. Include Plant Table with plant names, quantity, sizing and spacing. Planting Plan must be sealed by Maryland Registered Landscape Architect.
7. Slope Benching: Shown and designed per MDE requirements and detail. Benching is required for slopes as follows: 2:1 slopes higher than 20 feet; 3:1 slopes higher than 30 feet and 4:1 slopes higher than 40 feet.
8. Existing Conditions: Show all existing improvements such as buildings, pavement, curb and gutter, sidewalks, storm drain (size and material), stormwater management facilities, water and sewer, dry utilities, and trees, etc. and identify with a legend and/or labels. Indicate if improvements are to remain, to be removed or to be abandoned in place. Show flow arrows on existing storm drain. For most projects a separate Existing Conditions Plan Sheet with SC is not necessary even if the project includes demolition, rough grading and rerouting of storm drain as an initial step. SC for initial demolition should be shown on the proposed improvements SC plan whenever possible and practical. It is rare that a project needs numerous "phased" SC plan views showing various stages of construction progressing. Instead the SOC should be used to identify the installation and removal of measures as the project progresses.
9. <u>Proposed Improvements</u> : Show all proposed improvements such as buildings, pavement, curb and gutter, sidewalks, storm drain (size and material), stormwater management facilities, water and sewer, dry utilities, and trees, etc. and identify with a legend and/or labels. Show building limits and outline and label limits of underground garages. Show flow arrows on proposed storm drain and SWM pipes. Label roads as public or private. Show and label all SWM measures on SC Plan. Clarify pervious and impervious surfaces. Do not show individual hardscape patterns on plan views. Show door locations and critical floor elevations. Do not show interior architectural layout unless critical to the review. Show all well, septic and geothermal wells with setbacks.
10. <u>Easements</u> : Show and label all existing and proposed easements, such as SWM, PUE's, PIE's, public and private Storm Drain, Forest Conservation and WSSC. Provide recording information if available.
11. <u>USDA Soil Survey Information</u> : Delineated and labeled with Map Units.
12. Limit of Disturbance (LOD): Delineate and label. LOD includes all disturbed area on the site, in the ROW and on adjacent properties. Stated square footages of LOD must match 1)Application, 2)Certification of the Quantities, 3)Tree Canopy Table and 4)LOD in SWM computations. Land-disturbing activity means any earth movement and land changes which may expose underlying soil and may result in soil erosion from water or wind or the movement of sediments into state waters or onto lands in the state, including tilling, clearing, grading, excavating, stripping, stockpiling, filling and related activities, and the covering of land surfaces with an impermeable material. If the LOD changes between reviews it is the design professional's responsibility to notify the reviewer at time of resubmission and discuss impacts which may include revisions to the application, fee and bond amount as already established at the time of initial submission.
13. <u>SC Devices</u> : SC design per MDE Standards and Specifications. Show all SC devices using standard symbols as established by MDE and provide SC legend on all SC plan views. Clearly highlight any proposed modifications to the details or special conditions. All sediment control practices must be within the LOD.
14. <u>Stabilized Construction Entrance</u> : Required for all projects, shown on SC plan view and mentioned in the SOC.
15. <u>Drainage Divides for SC</u> : Delineate and label existing and proposed drainage divides on SC plan view sheets when applicable to review of SC measures such as traps and basins.
16. Access, Stockpiling, Staging, and Storage: Access to LOD must be adequate and shown. Staging, material storage and stockpiling area(s) shown or noted to be on the site and within the LOD. Provide SC and slope benching as necessary.
17. Off-Site Drainage Areas: Off-site drainage areas draining towards the project's LOD shown and acreage noted on the SC plan view. Provide a smaller scale inset to support the acreage if necessary.
18. Environmental Features: Delineate and label environmental features that may impact SC and/or SWM such as stream valley buffers, steep slopes (>15%) and wetlands (including 25-foot buffer.)
19. <u>100-year Floodplain Delineation</u> : Show and label the 100-year floodplain and 25-foot BRL for any drainage way with >30-acre drainage area. Note drainage area in acres and floodplain approving authority with number/panel as applicable for any location when concentrated flow from an area of > 30 acres exits a site.

SECTION C - Sediment Control - Required Elements
1. Overall SC Plan and Composite Key Sheet: Required for SC plans with more than one plan view. Overall view should show existing contours, proposed improvements and grades, SC and LOD as shown on the larger scale plan views.
2. <u>Certifications</u> : 1) Owner/Developer; 2) Design; 3) Quantities, completed, signed, and dated <i>with initial submission</i> .
3. MCDPS "Standard Sediment and Erosion Control Notes": Include on one SC plan sheet.
4. MDE SC Details: Include MDE details for all measures used on the project. Do not include any details that are not part of the design.
5. Sequence of Construction (SOC): Use the correct MCDPS "Standard Wording for Initial Steps of Sequence of Construction" as found on the website. Projects that require a Forest Conservation review should use the SOC template titled "Subject to Forest Conservation Law"; this includes sites with forest conservation exemptions issued by MNCPPC. The standard wording contains required initial steps as well as other general statements that must be in all SOC's. Design Professional must expand sequence to fit the specific SC, SWM and construction elements for the project. For instance, instead of "install sediment control measures" list project specific SC measures to be installed at that step. Do not include any steps in the Standard Wording that are not applicable. Include critical project steps and related installation and removal of SC measures so reviewer and SC inspector can ensure there is SC for all work including demolition and construction of SWM measures. Include a step for submission of SWM as-built to MCDPS for review and approval and/or executed Record Drawing Certification to the Sediment Control Inspector as final step as applicable. Clarify instances where steps must occur in a certain order (e.g. installation of segments of storm drain then constructing temporary outfall to a trap.)
6. Pre-Construction Meeting Attendance: M-NCPPC must be invited to the pre-construction meeting in step 1 of the SOC when required by their approval such as Final Forest Conservation Plan, Forest Conservation Exemption with Tree Save Plan or any other Tree Protection Plan approval. MCDEP must be invited to the pre-construction meeting (email SWInspections@montgomerycountymd.gov) when proposed work includes the removal of existing SWM measures. For plans with State or Federal permits, include those agencies when required to do so in their permits. For pond construction, include MDE or MSCD as appropriate.
7. MCDPS Floodplain District Permit: Required for disturbance or structures, including fences, within 100-year floodplain or buffer. Floodplain Delineation Study, when required must be approved before applying for a Floodplain District Permit so that square footage of impacted floodplain can be shown and quantified. SC Plan cannot be approved until the Floodplain District Permit is issued.
SECTION D - Sediment Control - General Items
1. MDE On-Site Concrete Washout Detail H-6: Include on all plans.
2. Placement of SC devices on Non-Single Family Lot Plans: SC measures must be placed a minimum of 20 feet away from existing or proposed building foundations.
3. Super Silt Fence on SC for Single Family Lot Plans: Any silt fence within 20 feet of a structure on a single-family lot engineered plan must be Super Silt Fence.
4. <u>Filter Logs</u> : Filter Logs are used to collect and filter sheet flow and can only be proposed in instances where the use of silt fence is not practical or may significantly damage tree roots. When use of Filter Logs is necessary, include in SOC, provide detail, show on plan and in SC legend. Specify filter log size and installation type.
5. <u>Inlet Protection</u> : Used only when it is not possible to divert runoff into a sediment trap or basin. Include installation in SOC with structure numbers as a step. MDE maximum DA's for type of inlet protection cannot be exceeded. Label drainage area in acres next to each inlet protection measure. Note Type A or B if applicable.
6. <u>Asphalt Berms</u> : Asphalt berms are placed on paving and used to direct runoff to sediment control measures. Include installation in SOC as a step.

	. <u>20-Acre Grading Limitation</u> : Project sequence must comply with County's 20-acre grading unit adding limits shown on plans and noted in SOC.
iii iii ii ii ii ii oequenoeu gra	iding limits shown on plans and noted in 500.
	. "MCPS SWM Maintenance Certification": Required for Montgomery County Public School
projects.	
	. <u>Off-Site Drainage</u> : Address off-site drainage areas with MDE clean water diversion methods o enter the LOD. Design must demonstrate in non-erosive outfall onto stable area.
to what is required for in Provide clean water divers	0. <u>SC for Trap or Basin</u> : The initial disturbance for construction of a trap or basin must be limited stallation and stockpiling. Principal spillway is to be constructed first and detailed in the SOC sion of runoff from uphill of the trap/basin construction disturbance. If the trap or basin is to be built is existing base flow, provide a clean water diversion around the initial disturbance. SC must be plan.
	1. <u>Temporary Storm Drain Diversion</u> : Show temporary diversions to traps, basins, and clean wate ew. Include profile on plan view sheet with pipe size, material, length, inverts, and slope. Include removal in the SOC.
1 flushed prior to trap remo	2. <u>Storm Drain Flushing</u> : Storm drain used to divert flow to a sediment trapping device must be val. Include in SOC.
on the plan view and ide	3. <u>Temporary Blocking</u> : Temporary blocking of pipes or pipe openings in structures must be shown entified with a corresponding symbol in the legend. The SOC must address the timing of the g and removal with specific structure numbers noted. Temporary blocking is to be shown on the ain profiles.
	4. Demoission for Off Cita Improsts. Demoission is required for any terror or remove an arrangement off
	4. <u>Permission for Off-Site Impacts:</u> Permission is required for any temporary or permanent off-ding, placement of SC measures, and site access. The applicant must obtain the necessary lette on the plan. When permission is granted via a recorded document, place a note on the plan and nation.
of permission and place it reference recording inforn	ding, placement of SC measures, and site access. The applicant must obtain the necessary lette on the plan. When permission is granted via a recorded document, place a note on the plan and
of permission and place it reference recording inform	ding, placement of SC measures, and site access. The applicant must obtain the necessary lette on the plan. When permission is granted via a recorded document, place a note on the plan and nation. Traps and DPS Dewatering Devices
of permission and place it reference recording inform SECTION E - Sediment PLACE N/A HERE 1 Specifications for Soil Eroward WRTP-1 and WRTP-9.	ding, placement of SC measures, and site access. The applicant must obtain the necessary lette on the plan. When permission is granted via a recorded document, place a note on the plan and nation. Traps and DPS Dewatering Devices FIF THIS SECTION DOES NOT APPLY Design Standards: Traps must be designed per Section G-1 of the MDE "2011 Standards and sion and Sediment Control" and any applicable DPS design guidance including, including
of permission and place it reference recording inform SECTION E - Sediment PLACE N/A HERE 1 Specifications for Soil Ero WRTP-1 and WRTP-9.	ding, placement of SC measures, and site access. The applicant must obtain the necessary lette on the plan. When permission is granted via a recorded document, place a note on the plan and nation. Traps and DPS Dewatering Devices IF THIS SECTION DOES NOT APPLY . Design Standards: Traps must be designed per Section G-1 of the MDE "2011 Standards and
of permission and place it reference recording inform SECTION E - Sediment PLACE N/A HERE 1 Specifications for Soil Ero WRTP-1 and WRTP-9. 2 Sections G-1-1. Table MI	ding, placement of SC measures, and site access. The applicant must obtain the necessary lette on the plan. When permission is granted via a recorded document, place a note on the plan and nation. Traps and DPS Dewatering Devices FIF THIS SECTION DOES NOT APPLY Design Standards: Traps must be designed per Section G-1 of the MDE "2011 Standards and sion and Sediment Control" and any applicable DPS design guidance including, including Trap Data: In table form with required information per MDE 2011 Standards and Specifications JST be placed on the same sheet as the plan view of the trap. At a minimum the information mus Trap Number and Type Drainage Area (Initial and Final); Interim only when applicable Storage Volume Required and Provided (Wet, Dry, and Total) Elevations - Bottom, Dry Storage, Wet Storage, Cleanout (50% of wet storage), and Outlet Embankment height, width (minimum 4 feet) and elevation Bottom Dimensions

- Trap outflow points with outfall protection specified
- Minimum 42" Welded Wire Safety Fence (do not block inflows and outflows)
- Baffle Boards with dimensions and top elevation
- Located a minimum of 20 feet from existing or proposed building

4. <u>Inflow Points and Baffle Boards</u> : Locate to maximize the flow distance to the outlet. Length to effective trap width ratio must be 2:1 or greater. Where a 2:1 effective length to width ratio between inflow and outflow cannot be obtained, baffles are required. Baffles are required when DA is > 3.0 ac. See Detail G-2-4 Baffle Boards.
5. <u>Outflow Protection</u> : Designed per MDE 2011 D-4 Standards and Specifications for Rock Outlet Protection. Provide project specific design information.
6. <u>Pipe Outlet Traps (ST-I)</u> : DPS requires a separate dewatering device per "Guidelines for Sediment Control Dewatering Device Usage." <i>The maximum allowable drainage area to a Pipe Outlet Trap is 5 acres.</i> Dewatering Device design per "Guidelines for Sediment Control Dewatering Device Usage."
Plan must include:
 "Modified Pipe Outlet Sediment Trap ST-1 with Dewatering Device" detail Completed "Modified Dewatering Device for Sediment Traps, Sediment Basins, and Stormwater Management Ponds" detail. Specify outfall pipe size and material and method for watertight connection. Provide invert. Pipe outlet riser, barrel, trash rack and anti-vortex, base, and anti-seep collar details- materials, diameters,
 elevations, and dimensions Stable pipe outlet trap outfall - To scale. Outfall to existing ground/receiving stream (outlet protection specified) or profile to storm drain system. (Permit required if connecting to public system) Construction Specifications for C.9.7 Modified ST-1 Trap placed on plan Dewatering device with location, size, material, base, and watertight pipe connections
7. Stone/Rip Rap Outlet Traps (ST-II): Only permitted when it can be demonstrated that it is not practical to use an ST-I or ST-III trap. Specify and show weir length (must be > four time the DA in acres), outlet elevation at end of rip rap (ex. ground elevation stable trap outfall), weir crest (set at least one foot below the top of embankment) and top of embankment (no more than three feet above existing ground at weir location.) The maximum allowable drainage area to a Stone/Riprap Outlet Sediment Trap is 10 acres.
8. Rip Rap Outlet Traps (ST-III): Specify and show depth of outlet (a), bottom width of outlet (b), width of apron at end (1.5 times outlet width (b)), outlet elevation at end of rip rap (ex. ground elevation - stable trap outfall), outlet crest (at least one foot below the top of embankment), top of embankment (no more than three feet above existing ground at weir location), outlet depth (a) and width (b) and embankment height, width, and elevation. The maximum DA to an ST-III trap without a DPS dewatering device is 10 acres.
9. Rip Rap Outlet Trap (ST-III) with DPS Dewatering Device: When a dewatering device is added to an ST-III trap, the maximum drainage area can be increased to 15 acres . Design using a required volume of 3600 cf per acre rather than the 5400 cf per acre. Provide 1800 cf per acre wet storage and 1800 cf per acre dry storage. Design per "Guidelines for Sediment Control Dewatering Device Usage."
Plan must include information required per Rip Rap Outlet Traps (ST-III) plus:
 <u>Completed</u> "Modified Dewatering Device for Sediment Traps, Sediment Basins, and Stormwater Management Ponds" detail. Specify outfall pipe size and material and method for watertight connection. Dewatering device with location, size, material, base, and watertight pipe connections Stable, non-erosive outfall to existing ground with outlet protection specified or outfall to storm drain system (provide profile)
10. Stable Trap Surface Outfall: Traps must outfall onto undisturbed land per the MDE details.

SECTION F - Sediment Basins and Dewatering Devices

necessary MDE details (e.g., removable pumping station, etc.) Specify in SOC.

11. Dewatering/Draining Trap: Specify method for dewatering/draining the trap and include

PLACE N	I/A HERE IF THIS SECTION DOES NOT APPLY
Specifications for	1. <u>Design Standards</u> : Basins must be designed per Section G-2 of the MDE "2011 Standards and r Soil Erosion and Sediment Control" and any applicable DPS design guidance including WRTP-1.
	2. <u>Basin Design Data Table G-6</u> : Completed and placed on plan sheet.
	=
	3. <u>Basin Data</u> : At a minimum the information must include:
	Basin Number
	Drainage Area (Initial and Final); Interim if applicable
	Storage Volume Required and Provided (Wet, Dry, and Total) The storage Volume Required and Provided (Wet, Dry, and Total) The storage Volume Required and Provided (Wet, Dry, and Total)
	Elevations - Bottom, Dry Storage, Wet Storage, Cleanout (50% of wet storage), and Outlet Distance between the term of size and also much additional and in the second in the s
	Distance between the top of riser and cleanout sediment elevation in feet and inches Embankment height width (minimum 4 feet) and elevation.
	 Embankment height, width (minimum 4 feet) and elevation Bottom Dimensions and Max Side Slopes for cut and fill
	Bottom Dimensions and Max Side Slopes for cut and fill 4. <u>Basin Plan View</u> : To scale and on SC plan view sheet. Include:
	Basin Number
	Existing contours and proposed grades
	Principal Spillway riser and barrel with sizes and materials
	Bottom, Emergency Spillway, and Outlet elevations
	Bottom Dimensions
	Max Side Slopes for cut and fill
	 Location of projection collar, filter diaphragm, and anti-seep collar as applicable
	 Basin inflow and outflow points with outfall protection specified (PSD's required for DA's
	greater than 3 acres) Max area for RRP or GP is 10 acres
	Minimum 42" Welded Wire Safety Fence B. (III. B. A. L. & C.
	Baffles Boards with dimensions and top elevation – (required when DA is > 3.0 ac.) Leasted a minimum of 20 feet from existing a group and building.
	 Located a minimum of 20 feet from existing or proposed building
	5. Cross Section Through the embankment and Principal Spillway: To scale and placed on the
basin plan view	when possible and to include:
•	Constructed and settled top elevations
	Riser and Barrel with sizes and materials
	 Location of projection collar, filter diaphragm, and anti-seep collar.
	Trash Rack
	Weir Elevation
	Orifice Size and Invert
	Max Side Slopes for cut and fill
	Cutoff trench location, side slopes, dimensions, and material
	All required WSEL's including safety storm Embankment ton width and elevation
	Embankment top width and elevation
	6. Emergency Spillway: To scale profile and cross section.
	7. MCDPS Dewatering Device: Design per "Guidelines for Sediment Control Dewatering Device
Dlan must includ	le information required per Rip Rap Outlet Traps (ST-III) plus:
	<u>Completed</u> Modified Dewatering Device for Sediment Traps, Sediment Basins, and Stormwater
	Management Ponds" detail. Specify outfall pipe size and material and method for watertight connection.
	Dewatering device with location, size, material, base, and watertight pipe connections
	Stable outfall to existing ground with outlet protection specified) or storm drain system
	8. <u>Basin Details:</u> as applicable including:
	Pipe connections
	Riser Base
	Method of Seepage Control Track Back
	Trash Rack

Anti-Vortex Device

 Outlet Protection including material, length, width, and slope (0%)
9. Embankment Height: Low Hazard Class per USDA NRCS.
10. <u>Dam Breach</u> : If Basin is to be converted to a pond, provide Dam Breach Analysis approval. Some basins may require MDE pond approval prior to approval of SC plans.
11. <u>Dewatering/Draining</u> : Specify method for dewatering/draining the basin and include necessary MDE details (e.g. removable pumping station, etc.). Specify in SOC.
12. Inflow Points and Baffle Boards: Locate to maximize the flow distance to the outlet. Length to effective basin width ratio must be 2:1 or greater. Where a 2:1 effective length to width ratio between inflow and outflow cannot be obtained, baffles are required. See Detail G-2-4 Baffle Boards.
13. <u>Outflow Protection</u> : To be designed per MDE 2011 D-4 Standards and Specifications for Rock Outlet Protection. Provide project specific information.
14. <u>Stable Basin Outfall</u> : Basins must outfall onto undisturbed land per MDE detail.
SECTION G - M-NCPPC Forest Conservation Approvals
PLACE N/A HERE IF THIS SECTION DOES NOT APPLY
1. M-NCPPC Tree Protection Measures: SC plan sheets must show all tree protection measures approved by a Forest Conservation Plan, Forest Conservation Exemption Tree Save Plan, Simplified NRI/FSD/Tree Save Plan or any other such plan approved by M-NCCPC related to site trees. A project's sediment control LOD must comply with approved M-NCPPC requirements.
2. M-NCPPC Forest Conservation Exemption Approval: Place approval letter on SC Plan.
Projects that receive a Forest Conservation Exemption ARE subject to Tree Canopy Requirement.
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Projects that receive a Forest Conservation Exemption ARE subject to Tree Canopy Requirement. SECTION H - Private Storm Drain – Outfalls, Channels ,and Swales - Include items below in SC Plan Set PLACE N/A HERE IF THIS SECTION DOES NOT APPLY 1. Outfall Design: Outflow protection per MDE 2011 D-4 Standards and Specifications for Rock
Projects that receive a Forest Conservation Exemption ARE subject to Tree Canopy Requirement. SECTION H - Private Storm Drain – Outfalls, Channels ,and Swales - Include items below in SC Plan Set PLACE N/A HERE IF THIS SECTION DOES NOT APPLY 1. Outfall Design: Outflow protection per MDE 2011 D-4 Standards and Specifications for Rock Outlet Protection. Provide cross section of rock outlet and plan view detail and specify Type (I, II or III.) Slope = 0%. 2. Outfall Plan, View and Profiles: For private storm drain outfalls demonstrating non-erosive release of runoff to an existing storm drain system, adequate receiving channel, or stable slope. Include topography for 100-feet below any outfall. Show rip rap with dimensions, size and class (d ₅₀ and MSHA), rip rap channel constructed depth and
PLACE N/A HERE IF THIS SECTION DOES NOT APPLY
Projects that receive a Forest Conservation Exemption ARE subject to Tree Canopy Requirement. SECTION H - Private Storm Drain – Outfalls, Channels ,and Swales - Include items below in SC Plan Set

PLACE N/A HERE IF THIS SECTION DOES NOT APPLY
1. <u>Soil Reporting for Single-Family Lot Engineered Plans:</u> Individual Single Family lots have unique testing requirements developed to accommodate these projects. Refer to "Soil Testing Guidelines for Stormwater Management Practices" for specifics. The submitted soil report should state that the testing/typing was done in conformance with DPS Guidelines. Test location(s) must be shown and labeled on the sediment control plan. The soil report must include information about auger refusal and presence of observed groundwater. The report must include a plot of the results of each test on the USDA Soil Classification triangle. Failure to provide this information with the initial submission will result in an incomplete review.
2. Soil Reporting for Non Single-Family Lot Engineered Plans: Report with results of Soil Infiltration Testing. See "Soil Testing Guidelines for Stormwater Management Practices" for specifics. Report should state that the testing was done in conformance with DPS Guidelines. Test location(s) must be shown on plans and labeled to match the report. Soil logs must include information about refusal, groundwater, and presence of fill soils. Geotech's recommendations should be incorporated into the SC/SWM design as applicable. A complete Geotech Report must be uploaded with the sediment control review package. Failure to provide this information with the initial submission will result in an incomplete review.
3. <u>USDA Hydrologic Soil Group Information</u> : Plan view sheet from Web Soil Survey with site outlined. Soil map units delineated, labeled and noted. Table with Hydrologic Soil Groups for project's Soil Units to support Target PE determination. Do not include unnecessary sheets from the Soil Survey in your submission.
4. <u>ESD Design Requirements</u> : All ESD measures designed in accordance with current MCDPS - Requirements and Guidance Documents.
5. ESD and SWM Computations: Place on a plan sheet for single family engineered lots. A separate report is acceptable for larger projects. Include: Target P_E and Target ESDv utilizing "Water Resources Technical Policy No. 5". Computations for ESDv min, max and provided for each proposed ESD measure. Structural Computations per WRTP-6 and MDE guidance must be provided for calculation of required structural SWM (Chapter 3 practices) after ESD to the MEP has been met. When curb cuts are used to convey flow to a practice, provide necessary efficiency computations to support the number and width of the inflows into the ESD measure.
should be flow split and sent to the measure with the 10-year storm continuing in the storm drain conveyance system. When not possible to split, provide computations to demonstrate safe conveyance of ten-year event through ESD measures. In some cases, for example in courtyards, it is necessary to demonstrate that overflow from a facility will have a safe route and will not flood buildings. Provide spot elevations and labels as necessary. Locating the 10-year conveyance pipes through or under ESD facilities should be avoided and will only be acceptable on a case-by-case basis when no other layout is possible and with approval from other affected agencies. 10-year conveyance pipes can never connect into perforated underdrain systems of a downstream ESD. They must be located outside of the facility. The Q_{10} WSEL must be contained within ESD facilities and the SWM Easement and cannot be permitted to flood surrounding areas. For example, the Q_{10} WSEL cannot back out of a curb cut and pond in an adjacent parking lot.
7. <u>Impervious Surfaces</u> : Gravel and decks are to be considered impervious surface for purposes of SWM computations. Alternative surfaces shall be considered to be impervious when calculating the project's ESDv required.
8. Ponding and Storage Volume: Disregard mulch layer for ponding depth and when computing storage volume. Ponding and storage volume can only be credited over the surface area of the planting media and immediately adjacent side slopes.
9. Roof Drainage Plan for Single Family Lots: Include a diagram of the roof as an inset with square footages for each roof segment that drains to each downspout. Label the roof segment to indicate which ESD measures they drain to (e.g., to DW-4, to MB-6). Show and label downspouts on plan view and on inset. Provide other information as needed to demonstrate the roof drainage. When the roof drainage system is unusual, such as with some contemporary architecture with flat and terraced roof, it may be helpful to upload the roof plan and elevations from the building permit set.
10. Overall SWM Plan and Drainage Area Map: These can be combined on one view if practical and readable. Measures shown and labeled. DA's to each SWM measure delineated and quantified in square feet – within

impervious on DAM matches computations. USDA Soil Survey map units and hydrologic soil groups delineated on plan. When applicable to the type of project, add a note that "Condensate drains from HVAC systems are not permitted to drain into a SWM facility "on the DAM. 11. SWM Easements Delineated: Show proposed delineations on initial submission for review. Once delineation is approved by the reviewer, show on SWM plans views and Overall SWM Plan, DAM, and larger scale views. Easements must be sized to provide adequate area for access and long-term maintenance and inspection as well as potential reconstruction and should provide 10 feet around a measure whenever possible. Label the critical dimensions from measures to easement limits, especially in cases where 10 feet cannot be achieved. Easements limits must extend to a paved driveway or parking lot on common area or to a public ROW. Show existing SWM easements to be terminated with recording information when applicable. Failure to delineate easements may result in delay of plan approval. Since Easements place restrictions on future use of the affected areas, they should not be larger than needed as described above. Stormwater management easement documents must be signed by the DPS Director prior to issuance of the sediment control permit. 12. Scale: Plan view: Use large and legible engineer's scale appropriate for complexity of design. Sections: Use large and legible engineer's scale appropriate for complexity of design. 13. ESD Plan View: Plan view information dependent on ESD type but may include: Location, dimensions and surface square footage when applicable Existing and proposed grades with critical elevations including media surface Show critical setbacks with dimensions ESDv and Q10 WSEL delineated, and elevations noted Top and bottom of walls on either side All components shown and labeled with size and material when applicable. (e.g., underdrains, overflows, overdrains, and cleanouts, cleanout caps, etc.) Max. side slope Inflow points - location, size, dimensions, material, spot grades, inverts, and type (e.g., curb cut, roof drain) Inflow erosion preventing method - locations, material, size, dimension, and detail Adjacent conditions (parking, sidewalk, wall, building, etc.) Rooftops disconnect paths, slopes, lengths, and disconnect areas with widths, lengths and Overflow path in cases where facility failure may result in destructive flooding Outline of structural footers SWM easement limits Fences and gates (min 12-foot opening for access) and other safety barriers Outfalls conforming to the requirements of checklist Section H.3 "Rip Rap Outfall Construction Details." 14. Sections: Information dependent on ESD type but may include: Existing and proposed grades ESDv and Q₁₀ WSEL delineated, and elevations noted

the area if possible. Pervious and impervious surfaces clarified on plan view and square footage noted. Areas and percent

- Top and bottom of walls
- Dimension from top of wall to surface
- Freeboard
- Ponding depth in inches and elevation
- All components shown and labeled with size and material when not on Plan View. (e.g., underdrains, overflows, overdrains, and cleanouts, cleanout caps, etc.)
- Max. side slope
- Inflow points
- Adjacent conditions (parking, sidewalk, wall, building, etc.)
- Detailed cross sections for construction of bio-swales or grass swales.
- Structural walls, slabs, and footers
- Fences and other safety barriers
- Crossings with other utilities and storm drain
- SWM, Property and ROW limits delineated and labeled
- 10-year HGL

Adjacent buildings with first floor elevations or garage slabs. Footers with elevations and dimensions when applicable with zone of influence. Requires coordination with DPS Building Permit.
 Adjacent existing and proposed utilities especially if within the SWM Easement. Show SWM Easement limits.
 Profiles: Provide profiles of outfalls from facilities when not shown elsewhere.

______16. <u>Details and Specifications</u>: Provide *project specific details* for all components of the ESD. Include, sizes, dimensions for overflow structures with tops, perforated and non-perforated pipes, cleanouts, rails, facility inflows, curb cuts, concrete flumes, stabilized outfall design, etc. Except in the case of the drywell detail, do not use Example Details found in the MCDPS Guidance Document at Final Design. Provide project specific information per this checklist.

____ 17. <u>Material Specs and Standard Sections</u>: Provide project specific material specification. It is not necessary to include DPS Guidance Document Sizing information.

- 18. MCDPS "Sand Specifications": Include for all measures that utilize sand.
- _____ 19. References to Other Sheets: Notes on Plan views and Profiles referencing plan set location for details, material specs, landscaping, and structural details. (e.g. see Sheet No. ___ for [specified item].)

_____ 20. <u>Safe Placement/WRTP-8</u>: Horizontal and vertical design of measures to ensure safe placement of surface fed measures per WRTP-8. Critical elevations, slopes, and locations of adjacent vehicular and pedestrian improvements on plan views, profiles, and sections. Provide barriers (plan, section, detail) when warranted. Label critical dimensions to facilitate review such as top of wall to media inside a facility and ground to top of wall for access into a facility.

____ 21. <u>"Construction Inspection Check-off List" and Certifications</u>: Include DPS Check-Off Lists for all practices.

22. <u>Maximum Drainage Areas:</u> All ESD measures designed at or below maximum drainage areas. Dry Wells sized to treat no more than 1000 sq. ft. each. Contiguous Permeable Pavement areas are limited to <10,000 square feet. Drainage Areas to Micro-bioretention are limited to 20,000 sq. ft. See other MCDPS Design Guidance documents for other drainage area limitations.

23. <u>Applicability</u>: Dry Wells can only be used to treat roof runoff. Grassed Swales can only be used to treat roadways or driveways. See other MCDPS Design Guidance documents for other design limitations.

_____ 24. ESD Landscaping: All SWM measures that incorporate landscaping, including green roofs, grass swales, and bio-swales, require specific cover and landscape design, plant list, planting details, notes and seal and signature of a Maryland Registered Landscape Architect. Landscape plan view must show all appurtenances including pipes, overflow structures, inflow protection, etc. to ensure there are no conflicts.

- ____ 25. <u>Permeable Concrete</u>: Include the following notes on the plan and in the SOC as noted below:
- Installation must be performed by a National Ready Mixed Association Certified Pervious Concrete Installer note on plan with detail and stated in the SOC.
- All construction must be performed in accordance with America Concrete Institute Specification ACI 522 1-13 –
 note on plan with detail and state in SOC.
- Poured in place concrete must remain free from all light vehicular traffic, for a minimum of 7 days. Heavy vehicular traffic must be restricted for at least 10 days after placement.
- Post construction infiltration rates required for all surfaces must conform to ASTM C1701 for poured in place permeable concrete, or ASTM C1781 for permeable pavers. Infiltration rate and specific test locations must be submitted along with the Stormwater Management "As-built Plan."
- Permeable pavement must be vacuum cleaned and paver joints refilled as necessary prior to final inspection.

26. Green Roof Plan, Sections and Details: Provide plan view with square footages to match the computations. Provide project specific section with all layers (depths and elevations.) Provide details for sidewalls, drains and any other elements of the Green Roof. Show elements as required by MDE (waterproofing, drainage, etc.) and reference the plans that spec's them if not the SWM plan (e.g., waterproofing per architectural plans.) If used, specify proprietary system and provide manufacturer's details and specification. If proprietary system includes pre-planted trays,

include that information and provide the seal of a Maryland Registered Landscape Architect. Effective RCN's for proprietary Green Roof products must be in accordance with MDE "Stormwater Design Guidance – Green Roofs (March 2018)".
27. ESD Measures with Structural Elements (walls, boxes, etc.): Provide project specific plans signed by a qualified professional and designed for all conditions. Details to include pipe penetrations and rails as applicable. Some circumstances may require coordination with the Building Permit Group of DPS. Facilities need to be safe and stable when filled with media and when empty. Adjacent structures must be unaffected by maintenance or removal of SWM facilities. Retaining walls integral to the functioning of the SWM facility including storage and safe passage of the 10-year event are considered to be part of the facility and must be included in the plan set and contained within the SWM Easement. If facilities are to be precast, indicate on the plan and add note that shop drawings must be prepared, approved by the project engineer, and submitted to DPS plan reviewer for acceptance, utilizing standard precast checklist, prior to fabrication.
28. Planter Boxes: Planter boxes must be concrete. Include DPS Water Resources Concrete Specifications on the plan. All sediment control plans that include concrete planter boxes must include structural design for each box on the plan, including a structural engineers seal and certification. Submit a sealed set of structural computations for our files. Include clear notation on the same sediment control plan sheet where the structural designs are shown, saying that the planter box cannot be structurally connected to any adjacent building. The sediment control plan must show a section of the box, either a section through each individual box or on a standard section, that clearly shows waterproofing between the planter box and the adjacent building. Structural design may not be deferred to the building permit or to "others".
29. <u>Flowsplitters</u> : Include DPS standard detail (Diversion Structure Manhole Detail) with project specific information for each flowsplitter. Specifically call for out the installation of flowsplitter structures, by number, in the SOC and include a step that the contractor must verify the relationship between the invert of the flow splitter pipe and the invert of the overflow prior to backfilling around the structure. Include computations to support relative elevations for flowsplitter pipe size and invert versus 10-year out invert. When necessary, include computations to demonstrate safe conveyance of the 10-year through the flowsplitter and show the 10-year WSEL. Flowsplitters are part of the SWM system and must be within the SWM Easement.
30. Access to ESD through a Building: When access to the SWM measures requires building entry such as to a Green Roof or a Micro-bioretention planter box on a terraced roof, the Green Roof Plan or DAM must show the location of the roof access and should include a note that states "Access for maintenance and inspection of the XXX shall be in accordance with the recorded Grant of Stormwater Management Easement and Right-of-Way and the Declaration of Covenants Inspection and Maintenance of Stormwater Management Systems." When access to a green roof or any other facility requires a ladder on the roof, the ladder must be included in the building plans and must be provided per DPS Building requirements.
31. Access for Maintenance and Inspection of all ESD Facilities: Access from adjacent ground level to facilities must be reasonably wide and low as to facilitate practical maintenance and inspection by personnel. Where necessary utilize sections, plan view information or both to demonstrate practical access to the facilities. Access should not be dependent on the use of a ladder or other equipment. Label critical dimensions on appropriate plans to facilitate review such as top of wall to media inside a facility and ground to top of wall for access into a facility.
32. Other non-SWM ESD Measures: Any measures that are proposed solely to demonstrate compliance with Small Lot Drainage Bill 26-05 or any other municipality's drainage policies must be shown and clearly labeled as "not a DPS stormwater management practice." Measures must be within the LOD and have appropriate SC. These measures cannot be used to satisfy a project's County SWM requirements and must be shown on the approved SC/SWM plan. If approvals of other measures occur after DPS has approved the SC/SWM plan, a formal revision will be required.
33. Stormwater Management <u>Easements and Agreements on Subdivided Property:</u> Easements and Agreements must reference the subdivided property and cannot be placed on projects/properties before plats are recorded. Easements and Agreements are typically required to be signed by the DPS Director prior to sediment control permit issuance. All documents are processed electronically.
34. Easements and Agreements for SWM measures: For Single Family or Townhome Residential Lots where maintenance will solely be the responsibility of the individual property owner (such as individual lot with drywells) – Submit correct, completed, and executed "Stormwater Management Right of Entry Agreement" to reviewer for approval prior to recordation. Note: Single Family Lots owned by LLC's and Corporations utilize a modified document. All documents are processed electronically.

For All other SWM measures to be maintained by HOA, Condo association, etc. – Once limits are approved by the reviewer, submit correct, completed, and executed "<u>Grant of SWM Easement and Right-of-Way and Declaration of Covenants Inspection/Maintenance of SWM System</u>" incorporating the required exhibits for approval prior to recordation. All documents are processed electronically.

Notes: Some projects will require both Agreements and Easements/Covenants. Typically, SWM in the County ROW will be maintained by the County and do not require easements. If terminations of SWM Easements are required, they must be prepared and processed for approval concurrently with the new easements. Templates for all documents can be found on the County's Department of Environmental Protection website. All documents are processed electronically.

SECTION J - Builder's Sediment Control Plans (For transfer of SC and SWM responsibilities to a Builder /Permitee for a lot or parcel after issuance of the original permittee/developer's permit)

PLACE N/A HERE IF THIS SECTION DOES NOT APPLY
1. Requirements: Plans prepared and processed per "Builders Sediment Control Plan Requirements" guidance document, including plans with updated title blocks identifying lots and blocks or other property designations covered under the Builder's permit. Builders Name, Address, Contact Name, phone and email.
2. <u>Developer/Builder Sediment Control Transfer Agreement:</u> completed, executed and a copy placed on first sheet of the SC plan. See very specific information regarding parties that are required to sign the agreement.
3. <u>Certifications:</u> Owner/Developer; 2) Design; 3) Quantities, completed, signed by new owner and on plan.
4. Lots Included in Builder's SC Plan: Subject lots clearly delineated, and all plan ownership references revised for new owner.
5. On-Lot SC and SWM: All design and plan requirements with computations for subject lot(s). All applicable SC and SWM details, materials specs, Inspector Check-off Lists and certifications and any other information as required.
6. <u>Sequence of Construction</u> : For work to be done under the Builder's Plan. Include submission of as-built or Record Drawing Certification for on-lot SWM as appropriate.
SECTION K - Special Protection Areas
PLACE N/A HERE IF THIS SECTION DOES NOT APPLY
PLACE N/A HERE IF THIS SECTION DOES NOT APPLY
1. <u>Disturbed Area for BMP Monitoring Fee</u> : Provide square footage, when applicable. For projects subject to a Water Quality Plan ONLY.
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1. <u>Disturbed Area for BMP Monitoring Fee</u> : Provide square footage, when applicable. For projects subject to a Water Quality Plan ONLY. 2. <u>Other information</u> : as required for SPA's (e.g., impervious percentage cap, proposed impervious percentage, etc.) SECTION L - Transfer of Ownership Plans (to transfer all work associated with an already issued permit from
1. Disturbed Area for BMP Monitoring Fee: Provide square footage, when applicable. For projects subject to a Water Quality Plan ONLY. 2. Other information: as required for SPA's (e.g., impervious percentage cap, proposed impervious percentage, etc.) SECTION L - Transfer of Ownership Plans (to transfer all work associated with an already issued permit from one permittee to another permittee – administrative action not requiring technical review of measures) 1. Updated Information: New owner/permittee information name, address, contact, phone, and email. New signatures on certifications, etc. as applicable. Plans updated for any DPS requirements enacted after the
1. <u>Disturbed Area for BMP Monitoring Fee</u> : Provide square footage, when applicable. For projects subject to a Water Quality Plan ONLY. 2. <u>Other information</u> : as required for SPA's (e.g., impervious percentage cap, proposed impervious percentage, etc.) SECTION L - Transfer of Ownership Plans (to transfer all work associated with an already issued permit from one permittee to another permittee – administrative action not requiring technical review of measures) 1. <u>Updated Information</u> : New owner/permittee information name, address, contact, phone, and email. New signatures on certifications, etc. as applicable. Plans updated for any DPS requirements enacted after the original approval dates (e.g., Right-of-Entry Agreement, Drainage Statement, etc.)

Requirements when the species proposed is from the DPS "Approved Shade Tree List." Only M-NCPPC can approve a revision, such as a species substitution or new location for a tree to be planted, to a plan that they have approved.
3. <u>Details and Notes</u> : MCDPS "Tree Planting Detail for Balled and Burlap Nursery Stock" and "Standard Tree Canopy Notes" on plan.
List." 4. Species: Specify specific shade tree species to be planted MCDPS "Approved Shade Tree
SECTION N - Roadside Trees Protection (Impacts to trees in the MC and MSHA Rights-of-Way)
1. ROW Trees: Show existing trees in the ROW adjacent to the property and ROW trees within 50 feet of the LOD to either side of the property. Provide species, size and Critical Root Zone and tree protection measures on the SC plan to match Roadside Tree Protection Plan. SOC must include the requirement to bring a copy of the approved Roadside Tree Plan to the Pre-construction meeting. Expand legend as needed.
2. <u>ROW Tree Impacts and Protection:</u> SC Plan shows trees to be removed, trees to be planted, tree protection measures and LOD per the approved Roadside Tree Protection Plan.
SECTION O - Small Lot Drainage (Lots less than 15,000 square feet)
1. <u>Demonstrate compliance with Bill 26-05 - Drainage on Small Lots</u> : If specific grading is required to achieve compliance (such as a swale to keep runoff on the lot and direct it to a public ROW and not an adjacent private lot) then the plan must include a note identifying those areas on the plan.
SECTION P - Supporting Documents/ Drawings/ Other Approvals
1. Recorded Right-of-Entry and SWM Easements and Terminations: Recorded prior to plan approval.
2. <u>Structural Computations</u> : To support the design of structural components of the SWM design. Submit a copy of the computations signed and sealed per the guidance for Qualified Professional contained in this checklist. Structural plan sheets in the sediment control plan set must include a complete Structural Certification. Include DPS Concrete Specifications on plan.
3. <u>Sediment Control Computations/Report</u> : When required to support SC design, signed and sealed.
4. <u>Private and Public Storm Drain Plans</u> : Copy of the storm drain plans to be used by contractor, to check consistency with the sediment control and SWM plans.
5. Adequacy of Downstream Public Storm Drainage Systems: Provide documentation from the approving authority (DOT, DPS - ROW, SHA) that the downstream public storm drainage system is adequately sized for the development. Downstream system includes inlets, piped systems, culverts and roadside swales.
6. Roof Drainage Plan and Plumbing Riser Diagram for Commercial, Industrial or Multi-Family Residential: Copy of roof drainage plan view with square footages to show/support/match DA's on SWM DAM including Drain, downspout or runnel locations. The engineer must confirm that the plumbing plans match and support the SWM plan's roof drain locations, inverts, and materials. Note: HVAC condensation lines may not drain into ESD measures.
7. Wetlands/Waterways Permit: When these permits are required, copies of permits must be submitted prior to DPS approval of plans. Related Required Permits Table must be completed with permit information.
8. Approved Roadside Tree Protection Plan: Applicable approved sheet(s) as approved by DPS ROW Section for confirmation that the plan matches the SC plan.
9. M-NCCPC Approvals: As applicable, Approved Preliminary Plan with Resolution, Site Plan with Opinion, Forest Conservation Plan or Exemption must be received prior to plan approval. All proposed work in conformance with other approvals.

	10. MCDPS Floodplain District Permit (FPDP): The Floodplain District Permit will be issued roval of the Sediment Control plans.
meeting minutes for proje	11. Water Quality Plan Pre-Application Minutes: Submit a copy of the approved pre-application ects in SPA's.
	12. <u>SWM Waiver</u> : Provide zoning for single family lot waivers. For all other uses provide site's and percentage of Target PE achieved. Provide written justification for all waiver requests.
to DPS approval - for wo	13. <u>Parks Department Plan Approval</u> : First sheet of Sediment Control Plan signed by Parks <u>prior</u> ork on on land to be dedicated to Parks.
MSHA reviewed SWM m	14. MSHA Plan Approval: Plan signed by MSHA prior to DPS approval – for project's that include neasures. Approved MSHA SWM sheets must be included in the DPS SC/SWM set with a note ed, approved, permitted or inspected by DPS.
DPS plan approval.	15. WSSC Plan Approval: Required for any house connections crossing Bio Swales. Prior to
plans approved by MDE must be included in the [16. MDE Dam Safety or Montgomery Soil Conservation District (MSCD) Pond Approval: Pond or MSCD prior to DPS approval – for project's that include MD-378 ponds. Approved pond sheets DPS SC/SWM set.
	17. Other Information: As required or as requested.
Notes:	

Dated: Revised 3/12/2024