



Stormwater Management As-Built Review Checklist

This checklist is completed by MCDPS.

To the Designer:

The submission has been reviewed. The review was performed using minimum requirements per this checklist. Please address all items on this checklist and all additional comments on the submitted materials. Provide responses in the Applicant's Response Box in Workflow or on cover letter when paper submission.

Project Name:	Designer/Conta	Designer/Contact:		
Sediment Control Permit No.	: Email/Phone No	Email/Phone No.:		
SWM File No.:	Assigned to: _			
Plan Type:	Contact Info: _			
Checklist Legend: OK Complete/Acceptable INC Incomplete/Incorrect N/A Not Applicable TBD To Be Determined SC Sediment Control SWM Stormwater Management	Submittal Date	Review Date		
Section A - General As-Built S	ubmission Requirements			
1. As-bui	t submissions are to be applied for and p	rocessed as a formal revision.		
versus constructed SWM design e	elements and volumes. Utilize the plans a	a clear marked up comparison of approved s approved as the base and include any the plan set. Cross of SC that is on SWM		
revisions as black. 3. All info	rmation added to or updated on an as-bu	ilt plan must be in red . Show any approved		
4. All pdf	s must be of good quality and all informat	ion must be legible.		
5. When was constructed as approved.	preparing as-built plans use a red check o	or red box to indicate a design element that		
original information, in a legible m	anner, and adding the as-built informatior	as approved, indicate so by crossing off the n. If the difference is a graphical element such e new information in red in a legible manner so		
7. Provid	e a blank 2"x3" space in the upper middle	portion of each sheet for DPS's approval.		
		Transmittal listing submitted materials and r should know before beginning the review.		
9. Compl	eted Landscape Certification Letter on pla	an.		

Section B - Cover Sheet		
1. As-Built" added to Project Title. Vicinity Map.		
2. Sheet index modified for as-built sheet numbers and eplan file names. Update sheet numbers (As-built X of XX) on each sheet.		
3. As-built Certification Statement and seal of Qualified Professional (PE, PLS, RLA) indicating, "This record drawing and computations are accurate and complete and the stormwater management facilities are constructed per the approved plan or subsequent approved revisions, and stormwater management is provided per the approved design computations."		
4. As-built Certification FOR PONDS. Must be sealed by a PE: "This record drawing and computations are accurate and complete and the pond is constructed per the approved plans or subsequent approved revisions, and substantially meets and/or exceeds the requirements of the USDA Natural Resources Conservation Service - Maryland MD-378 for Ponds."		
5. SWM Summary Table. ESD: Provide Design storage and As-built storage for each facility and total ESD volume for the project. Structural: Provide Design storage and As-built storage for each facility and total structural volume for the project. Project: Provide ESDv required and total volume (ESD plus structural) provided. Ponds: Design and as-built stage storage table for design and safety storms.		
Section C - Other As-Built Plan Sheets		
1. Include the Overall SWM Plan showing locations of facilities with labels.		
2. Include the SWM Drainage Area Map in the plan set. Modify delineated areas and square footages if constructed is different than as approved. Use modified areas in as-built computations.		
3. Verify all downspouts and roof drains including location, material, size and inverts.		
4. Provide completed SWM Construction Inspection Check-Off List for each facility, if available. If not available, please indicate and explain on the transmittal.		
5. For SWM plans that include landscaping, provide as-built information, Maryland RLA seal or a certification sealed by a Maryland RLA placed on the applicable plan sheet.		
6. For SWM plans that include poured in place structures, provide as-built information of all structural comments and dimensions, including rebar. Verify the concrete specification when applicable.		
7. Verify the removal of any existing SWM facilities and removal of temporary blocking, temporary pipe outfalls, or plugs.		
8. Verify that all facilities are constructed within the recorded SWM easement areas. Note recording information on Overall SWM Plan. Provide copies of recorded SWM Easements, Covenants and Access Easements and terminations, if not already in eplans.		
9. Verify project specific elements of proprietary measures e.g. number of cartridges.		
Section D - As-Built for ESD Measures		
1. All plan information per the approved design shown and verified as constructed per plan or provide as-built information. Including but not limited to surface area square footages, design dimensions and critical distances, contours, ponding depth, ESD and 10 year WSEL, critical slopes and spot elevations, materials, flowsplitter structures and appurtenances such as overflow structures, cleanouts, overdrains, underdrains, and erosion protection.		

2. All profile and section information per the approved design shown and verified as constructed
per plan or provide as-built information. Including but not limited to inverts, dimensions, depths, slopes, elevations, bonding depth, ESD and 10 year WSEL, materials, flowsplitter structures, appurtenances such as overflow structures, cleanouts, overdrains, underdrains and erosions protection.
Section E - As-Built for Structural (non ESD) Facilities
1. All plan information per the approved design shown and verified as constructed per plan or provide as-built information.
2. All profile and section information per the approved design shown and verified as constructed per plan or provide as-built information.
Section F - As-Built for Ponds
1. All plan information per the approved design shown and verified as constructed per plan or provide as-built information. Including but not limited to contours, design WSEL's, critical slopes, dimensions, and elevations, control structures, flowsplitters, benchmark (location, description and elevation), and all appurtenances such as pipes, trash racks, engineered channels, and erosion protection measures. Confirm or certify materials. Maryland RLA to confirm planting materials – number, location and species. For DPS Reviewed As-Built Plans ONLY.
2. All profile, detail and cross section information per the approved design shown and verified as constructed per plan or provide as-built information. Including but not limited to inverts, dimensions, depths, slopes, elevations. Confirm or certify materials. For DPS Reviewed As-Built Plans ONLY.
3. As-built memo to MSCD for ponds as applicable. (For DPS Use) For DPS Reviewed As-Built Plans ONLY. 4. For As-builts reviewed by MDE or MSCD, verification from that agency that they have completed their reviews must be received by DPS prior to DPS plan approval. Copy of agency approved as-built plan and computations must be in our files.
Section G - Computations
1. Full report as approved, supplemented and modified with as-built information as a comparison of approved versus as-built. Include an updated summary (same as on Cover sheet). Include design and as-built TR-20 when applicable. Highlight comparison of approved design versus as-built for all design storms including Safety Storm. All sheets within the report containing as-built information clearly labelled "as-built" in red.
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when applicable, if not a	Iready in eplan folder.
MCDED https://www.mo	7. MCDEP "Stormwater Management Data Information" form completed and transmitted to
data.html. Applicant mus	ontgomerycountymd.gov/DEP/water/clean-water-montgomery/watershed/stormwater- st submit verification from MCDEP that they have received the completed form.
	8. Other information as required or requested by the reviewer.
Notes:	