



STORMWATER MANAGEMENT PLAN COMPLETENESS CHECKLIST

Per the Fairfax County Stormwater Management Ordinance (SWMO) §124-2-9.A.1, the applicant shall be notified within 15 calendar days of whether the stormwater management (SWM) plan is deemed complete. This checklist is used to determine whether the SWM plan is complete and is accepted for review. Compliance with these listed items does not ensure plan approval.

This project is exempt from the SWMO

Specify the subsection of §124-1-7 as justification for exemption: _____

Project Name: _____ **Submission Date:** _____

Plan Number: _____ **Magisterial District:** _____

Submitting Firm & Address: _____

Project Coordinator: _____ **Email:** _____ **Phone:** _____

Line	Description Outfall Analysis with Narrative to include:	Code Reference	Sheet No.	Yes	N/A
1	<ul style="list-style-type: none"> Descriptions at each outfall from the site the type and location of stormwater discharges of both concentrated flows and non-concentrated flows 	§124-2-7.B.1 PFM §6-0204.1			
2	<ul style="list-style-type: none"> Descriptions of downstream receiving water bodies, storm drainage facilities, and areas to which sheet flow is being discharged including an assessment of the condition of these features 	§124-2-7.B.1 PFM §6-0204.1A			
3	<ul style="list-style-type: none"> Descriptions and sketches of the major elements of each outfall drainage system, including any discharges of non-concentrated surface waters from the development site 	PFM §6-0204.1A			
4	<ul style="list-style-type: none"> Predevelopment and post development drainage area maps for each outfall location 	§124-2-7.B.1			
5	<ul style="list-style-type: none"> Downstream review, divided into reaches, as required by PFM §6-0203 	PFM §6-0204.1B			
6	<ul style="list-style-type: none"> Descriptions of the existing surrounding topography, soil types, embankments, vegetation, structures, abutting properties, etc. which may be impacted by drainage 	PFM §6-0204.1B(1)			
7	<ul style="list-style-type: none"> Provide sufficient cross section information, associated graphs, and computations to support the assertion of channel adequacy in accordance with PFM §6-0203.3 	PFM §6-0204.1B(2)			
8	<ul style="list-style-type: none"> For inadequate downstream facilities and where the detention method is used, provide sufficient information to establish the existence of a defined channel or man-made drainage facility and demonstrate at least the minimum required improvement, as described in PFM §6-0203.4A(1) 	PFM §6-0204.1B(3)			
9	<ul style="list-style-type: none"> Provide sufficient information to demonstrate that the prevention of flooding of existing dwellings, or buildings constructed under an approved building permit, by the 100 year storm event or that any existing flooding conditions will not be aggravated by drainage from the development site and an improvement is made in accordance with PFM §6-0203.5 	PFM §6-0204.1B(4)			
10	<ul style="list-style-type: none"> Written opinion, certified, signed, and sealed by the submitting licensed professional as to the adequacy of the downstream drainage system 	PFM §6-0204.1B(5)			
11	Contact information, including name, address, telephone number, email address of property owner, and tax map number of the properties affected by the plan	§124-2-7.B.2			
12	Narrative describing pre and post development stormwater conditions and any proffers or conditions relating to stormwater management	§124-2-7.B.3			

Line	Description Stormwater Facility Narrative to include	Code Reference	Sheet No.	Yes	N/A
13	<ul style="list-style-type: none"> General description of all proposed stormwater management facilities 	§124-2-7.B.4			
14	<ul style="list-style-type: none"> Information on the proposed stormwater management facilities including type of facility, location, geographic coordinates, acres treated, and surface waters into which the facilities will discharge 	§124-2-7.B.5			

Line	Description	Code Reference	Sheet No.	Yes	N/A
15	• General description of the surface waters / outfalls into which the SWM facilities will discharge	§124-2-7.B.4			
16	• Mechanism through which the facilities will be operated and maintained after construction	§124-2-7.B.4 PFM §6-0402.8G			
17	Stormwater information on cover sheet filled in	§124-2-7.B.5			

Line	Description Hydraulic and Hydrologic Computations to include:	Code Reference	Sheet No.	Yes	N/A
18	• Pre and post development runoff computations	§124-2-7.B.6			
19	• Inlet computations	PFM §6-0905			
20	• Storm drain computations	PFM §6-1110			
21	• Open channel computations	PFM §6-1008			

Line	Description Stormwater Quality and Quantity Compliance Computations (§124-2-7.B.7)	Code Reference	Sheet No.	Yes	N/A
22	• Water Quality computations	SWMO Article 4 or Article 5 as applicable PFM 6-0402.8			
23	• Channel protection computations	SWMO Article 4 or Article 5 as applicable			
24	• Flood protection computations	SWMO Article 4 or Article 5 as applicable			
25	• Detention computations	§124-4-4.D			

Line	Description Map of the site showing the following: (§124-2-7.B.8)	Code Reference	Sheet No.	Yes	N/A
26	• All contributing drainage areas shown	§124-2-7.B.8.a			
27	• Existing streams, ponds, culverts, ditches, wetlands, water bodies, RPAs and floodplains	§124-2-7.B.8.b			
28	• Soil types and vegetative cover	§124-2-7.B.8.c			
29	• Existing land use, existing structures and roads, utilities & easement locations	§124-2-7.B.8.d			
30	• Sufficient offsite topography to assess the impacts of stormwater discharges from the site on these parcels, including impacts to downstream structures	§124-2-7.B.8.e			
31	• Limits of clearing and grading	§124-2-7.B.8.f PFM §2-203.1C			
32	• Proposed on-site drainage patterns	§124-2-7.B.8.f			
33	• Proposed buildings, roads, parking areas, utilities, and stormwater management facilities	§124-2-7.B.8.g			
34	• Proposed land use with a tabulation of the percentage of surface area to be adapted to various uses, including but not limited to planned location of utilities, roads, and easements.	§124-2-7.B.8.h			
35	Offsite compliance options utilized? (N/A if BMPs are met onsite). Letter of availability from offsite provider when offsite BMPs are used for water quality compliance	§124-2-7.B.9			

Comments:

Note: This checklist must be signed and sealed by the licensed professional preparing the plan and submitted with the plan. Each checklist item must be adequately addressed in the plan for the plan to be deemed complete and acceptable for review.

Professional Sign and Seal:

