

Project Name Swansgate Permit # SW8 190210

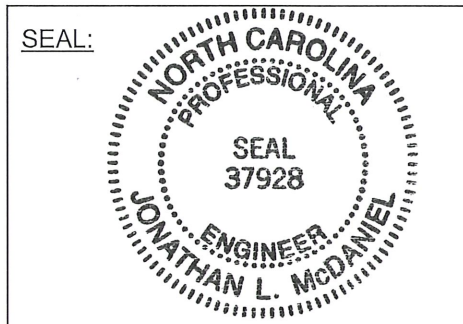
AS-BUILT DESIGNER'S CERTIFICATION FOR
GENERAL MDC

I hereby state that I am a licensed professional and I certify by my signature and seal below, that I have observed the construction of the project named above to the best of my abilities with all due care and diligence, and that the project meets all of the below listed General MDC found in 15A NCAC 02H.1050, in accordance with the permit documents, plans and specifications on file with or provided to the Division, except as noted on the "AS-BUILT" drawings, such that the intent of the stormwater rules and the general statutes has been preserved.

- ☐ Check here if this is a partial certification. Section/phase/SCM # _____
- ☐ Check here if this is part of a Fast-Track As-Built Package Submittal per 15A NCAC 02H .1044(3).
- ☐ Check here if the Designer did not observe the construction but is certifying the project.
- ☐ Check here if pictures of the SCMs are provided.

Printed Name Jonathan L. McDaniel, P.E. Signature *Jonathan L. McDaniel*

NC Registration Number 37928 Date 7-2-25



Consultant's Mailing Address:

1069A Cedar Point Blvd

City: Cedar Point State: NC Zip: 28584

Phone: (252) -3936101

Consultant's Email address:
jmcdaniel@tidewaterenc.com

- ① Circle N if the as-built value differs from the Plan/permit. If N is circled, provide an explanation on page 3.
② N/E = Not Evaluated (provide explanation on page 2). ③ N/A = Not Applicable to this project or SCM.

Consultant's Certification 15A NCAC 02H .1003(3) & General MDC 15A NCAC 02H .1050			
TREATMENT REQUIREMENTS	① As-built	② N/E	③ N/A
1. The SCM achieves runoff treatment.	Y or N		(NA)
2. The SCM achieves runoff volume match.	Y or N		(NA)
3. Runoff from offsite areas and/or existing BUA is bypassed.	Y or N		(NA)
4. Runoff from offsite areas and/or existing BUA is directed into the permitted SCM and is accounted for at the full build-out potential.	Y or N		(NA)
5. The project controls runoff through an offsite permitted SCM that meets the requirements of the MDC.	Y or N		(NA)
6. The net area of new BUA increase for an existing project has been accounted for at the appropriate design storm level.	Y or N		(NA)

7. The SCM(s) meets all the specific minimum design criteria.	Y or N		ⓃA
VEGETATED SETBACKS / BUA	①As-built	②N/E	③N/A
1. The width of the vegetated setback has been measured from the normal pool of impounded waters, the MHW line of tidal waters, or the top of bank of each side of rivers or streams.	Y or N		ⓃA
2. The vegetated setback is maintained in grass or other vegetation.	Y or N		ⓃA
3. BUA that meets the requirements of NCGS 143-214.7 (b2)(2) is located in the setback.	Y or N		ⓃA
4. BUA that does not meet the requirements of NCGS 143-214.7 (b2)(2) is located within the setback and is limited to: - Publicly funded linear projects (road, greenway sidewalk) - Water-dependent structures - Minimal footprint uses (utility poles, signs, security lighting and appurtenances)	Y or N		ⓃA
5. Stormwater that is not treated in an SCM is released at the edge of the setback and allowed to flow through the setback as dispersed flow.	Y or N		ⓃA
STORMWATER OUTLETS	①As-built	②N/E	③N/A
1. the outlet handles the peak flow from the 10-year storm with no downslope erosion.	Ⓨ or N		
VARIATIONS	①As-built	②N/E	③N/A
1. A variation (alternative) from the stormwater rule provisions has been implemented.	Y or N		ⓃA
2. The variation provides equal or better stormwater control and equal or better protection of surface waters.	Y or N		ⓃA
COMPLIANCE WITH OTHER REGULATORY PROGRAMS	①As-built	②N/E	③N/A
1. The project is compliant with other applicable regulatory programs.	Ⓨ or N		
SIZING	①As-built	②N/E	③N/A
1. The volume of the SCM takes the runoff from all surfaces into account and is sufficient to handle the required storm depth.	Y or N		ⓃA
CONTAMINATED SOILS	①As-built	②N/E	③N/A
1. Infiltrating SCM's are not located in or on areas with contaminated soils.	Y or N		ⓃA
SIDE SLOPES	①As-built	②N/E	③N/A
1. Vegetated side slopes are no steeper than 3H:1V.	Ⓨ or N		

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2. Side slopes include retaining walls, gabion walls, or other surfaces that are steeper than 3H:1V.	Y or N		ⓃA
3. Vegetated side slopes are steeper than 3H:1V (provide supporting documents for soils and vegetation).	Y or N		ⓃA
EROSION PROTECTION	①As-built	②N/E	③N/A
1. The inlets do not cause erosion in the SCM.	Ⓨ or N		
2. The outlet does not cause erosion downslope of the discharge point during the peak flow from the 10-year storm.	Ⓨ or N		
EXCESS FLOWS	①As-built	②N/E	③N/A
1. An overflow / bypass has been provided.	Y or N		ⓃA
DEWATERING	①As-built	②N/E	③N/A
1. A method to drawdown standing water has been provided to facilitate maintenance and inspection.	Y or N		ⓃA
CLEANOUT AFTER CONSTRUCTION	①As-built	②N/E	③N/A
1. The SCM has been cleaned out and converted to its approved design state.	Y or N		ⓃA
MAINTENANCE ACCESS	①As-built	②N/E	③N/A
1. The SCM is accessible for maintenance and repair.	Y or N		ⓃA
2. The access does not include lateral or incline slopes >3:1.	Y or N		ⓃA
DESIGNER QUALIFICATIONS (FAST-TRACK PERMIT)	①As-built	②N/E	③N/A
1. The designer is licensed under Chapters 89A, 89C, 89E, or 89F of the General Statutes.	Ⓨ or N		

Provide an explanation below for every MDC that was not met, and for every item marked "N/A" or "N/E."
Attach additional pages as needed.
