

Project Name \_\_\_\_\_ Permit # \_\_\_\_\_

## AS-BUILT DESIGNER'S CERTIFICATION FOR STORMWATER WETLAND PROJECT

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 MDC found in 15A NCAC 02H.1054, in accordance with the permit documents, plans and specifications on file with or provided to Henderson County, 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 SCM are provided.

Printed Name \_\_\_\_\_ Signature \_\_\_\_\_

NC Registration Number \_\_\_\_\_ Date \_\_\_\_\_

SEAL:

Consultant's Mailing Address:  
 \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: (\_\_\_\_) \_\_\_\_\_  
 Consultant's Email address:  
 \_\_\_\_\_

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.  
 This Certification must be completed in conjunction with the General MDC certification under 15A NCAC 02H.1050.

Consultants Certification 15A NCAC 02H.1003(3) and MDC 15A NCAC 02H .1054			
DEPTHS	①As-built	②N/E	③N/A
1. The temporary ponding depth for the design volume is consistent with the approved plans and is a maximum of 15 inches above the permanent pool elevation.	Y or N		
2. The wetland temporarily ponds peak attenuation volume at a depth exceeding 15 inches.	Y or N		
3. The forebay depth below the permanent pool elevation is consistent with the approved plans and ranges between 24-40 inches.	Y or N		
4. The forebay entrance is deeper than the forebay exit into the wetlands.	Y or N		
5. The depth of the deepest point of the non-forebay deep pool is consistent with the approved plans and is at least 18 inches below the permanent pool elevation.	in		
6. The depth of the shallow water zone below the permanent pool is consistent with the approved plan and ranges between 0-9 inches.	in		

<b>SURFACE AREAS</b>	①As-built	②N/E	③N/A
1. The provided surface area at the temporary ponding depth is consistent with the approved plans and is sufficient to limit the ponding depth to a maximum of 15 inches.	sf		
2. The provided forebay surface area is consistent with the approved plans and ranges from 10%-15% of the wetland surface area.	sf		
3. The provided non-forebay deep pool surface area is consistent with the approved plans and ranges from 5%-15% of the wetland surface area.	sf		
4. The provided shallow water zone surface area is consistent with the approved plans and ranges from 35%-45% of the wetland surface area.	Y or N		
5. The provided temporary inundation zone surface area is consistent with the approved plans and ranges from 30%-45% of the wetland surface area.	Y or N		
<b>INLET / OUTLET / DRAWDOWN</b>	①As-built	②N/E	③N/A
1. The inlets and outlet are located in a manner that avoids short-circuiting.	Y or N		
2. The discharge from the wetland resulting from the 1 year 24 hour storm minimizes hydrologic impacts to the receiving stream.	Y or N		
3. The design volume draws down to the permanent pool level between 2 and 5 days.	Y or N		
4. A trash rack or other device to trap debris has been provided on the outlet structure consistent with the approved plans.	Y or N		
<b>LANDSCAPE PLANTINGS / SOILS</b>	①As-built	②N/E	③N/A
1. The pH, compaction and other attributes of the first 12-inch depth of the soil have been adjusted to promote plant establishment and growth.	Y or N		
2. The approved landscaping plan has been followed?	Y or N		
3. The shallow water zone has been planted consistent with the approved plans and has a minimum of 3 diverse species of herbaceous native vegetation.	Y of N		
4. The shallow water zone has been planted with a plant density of no less than 50 plants per 200 sf or 24" on center.	Y of N		
5. The temporary inundation zone has been planted consistent with the approved plans and per the option selected from .1054 (14)?	Y or N		
6. Non-clumping turf grass consistent with the approved plans has been provided on the dam structure and on the perimeter fill slopes. Trees and woody shrubs are NOT present.	Y or N		
7. Cattails have NOT been planted in the wetland.	Y of N		

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**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.**

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