

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

## AS-BUILT DESIGNER'S CERTIFICATION FOR WET DETENTION POND 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.1053, 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 2.  
 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.

Consultant's Certification (MDC 15A NCAC 02H .1053)			
Forebay / Depths / Fountain	①As-built	②N/E	③N/A
1. The available Sediment storage is consistent with the approved plan and is a minimum of 6 in.	Y or N		
2. Water flow over the forebay berm into the main pond occurs at a non-erosive velocity.	Y or N		
3. The provided Forebay Volume is 15%-20% of the main pool volume.	Y or N		
4. The Forebay entrance elevation is deeper than the exit elevation into the pond.	Y or N		
5. The Average Design Depth of the main pond below the permanent pool elevation is consistent with the permitted value?	Y or N		
6. Fountain documentation is provided.	Y or N		

<b>Side slopes / Banks / Vegetated Shelf</b>	①As-built	②N/E	③N/A
1. The width of the Vegetated Shelf is consistent with the approved plans and is a minimum of 6 feet.	Y or N		
2. The slope of the Vegetated Shelf is consistent with the approved plans and is no steeper than 6:1.	Y or N		
<b>As-built Main Pool / Areas / Volumes / Elevations</b>	①As-built	②N/E	③N/A
1. The permanent pool surface area provided is consistent with the permitted value.	Y or N		
2. The Temporary Pool Volume provided is consistent with the permitted value.	Y or N		
3. The permanent pool elevation is consistent with the permitted value.	Y or N		
4. The temporary pool elevation is consistent with the permitted value.	Y or N		
<b>Inlets / Outlet / Drawdown</b>	①As-built	②N/E	③N/A
1. The design volume draws down in 2-5 days.	Y or N		
2. The size of the Orifice is consistent with the permitted value.	Y or N		
3. A trash rack is provided on the outlet structure.	Y or N		
4. Hydrologic impacts to the receiving channel are minimized from the 1 yr 24-hr storm discharge?	Y or N		
5. The inlets and the outlet location are situated per the approved plan and avoid short-circuiting.	Y or N		
<b>Vegetation</b>	①As-built	②N/E	③N/A
1. The vegetated shelf has been planted with a minimum of 3 diverse species.	Y or N		
2. The vegetated shelf plant density is consistent with the approved plans and is no less than 50 plants per 200 sf or no less than 24 inches on center.	Y 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.**

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