

Wet Pond As-Built Checklist

Project: _____

Date: _____

	<u>Description</u>	<u>Design</u>		<u>As-Built</u>	
1	Percent Impervious				
2	Drainage Area				
3	Water Quality Volume				
4	Slope of embankments				
5	Elevations of the following:				
a	Bottom of the pond				
b	Top of sediment pool				
c	Bottom of the riser				
d	Orifice at permanent pool				
e	Top of riser				
f	Water quality elevation				
g	Top of forebay baffle				
h	Invert of inflow & outflow pipes				
6	Top of dam elevation and width				
7	Average Depth (at Normal Pool Level)				
a	Calculated SA/SD ratio for depth				
8	Orifice Size (at normal pool)				
9	Forebay maintenance access provided (top of embankment to bottom of pond)				
10	Verification of volumes:				
a	Permanent sediment storage (ft ³) allocation to forebay and pond				
b	Permanent pool volume above sediment pool				
c	Permanent pool surface area (ft ³)				
d	Forebay volume (20% perm. Pool?)				
11	Peak Flow (cfs) 1 year/10 year				
12	Pre-Developed flows (cfs) 1 year/10 year				
13	Emergency spillway width & crest elevation				
14	Planting Specifications (include planting plan):				
a	Planting density (plants/acre)				
b	Number and type of trees				
c	Number and type of shrubs				
d	Number and type of herbaceous species				

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15	All embankments provided with permanent ground cover (Y/N)		
16	Litoral shelf width 10' min (Y/N)		
17	Normal water level midway on shelf (Y/N)		
18	Maintenance schedule provided? (Y/N)		
19	Engineer's certification on as-builts (Y/N)		
20	Maintenance agreement Intake Form submitted to City Attorney (Y/N)		
21	Maintenance easement metes & bounds & plat submitted to City Attorney (Y/N)		
22	Marked up as-built drawing included (Y/N)		

ENGINEER'S CERTIFICATION OF STORMWATER CONTROL COMPLETION

I certify that, pursuant to generally accepted engineering standards in the community, it is my professional opinion that the stormwater control(s) labeled as _____ has been completed in conformance with the plans and specifications approved on _____, has its full design volume available, and is functioning as designed and complies with the requirements of 15A NCAC 2H.1000.

P.E. SEAL:

SIGNATURE: _____ DATE: _____

Printed Name: _____

Phone Number: _____

Email Address: _____