Concord NORTH CAROLINA STORMWATER SERVICES

Dry Detention Basin As-Built Checklist

Project: _____ Date: _____

	Description	Design	As-Built
1	Percent Impervious		
2	Drainage Area		
3	Slope of embankments (3:1 or flatter)		
4	Elevations of the following:		
a	Bottom of basin		
b	Top of riser		
c	Low flow (WQ) orifice (if applicable)		
d	Invert of inflow & outflow pipe(s)		
e	Emergency Spillway: width & crest elevation		
f	Secondary outlet		
5	Top of dam: elevation & width		
6	Sedimentation storage surface area (ft^2)		
7	Barrel seepage control: type & size		
8	Size & material of riser structure		
9	Is small pre-treatment pool or clogging protection provided for drawdown device? (Y/N)		
10	SCM Maintenance access provided (top of embankment to bottom of pond)		
a	Width of maintenance bench		
11	All embankments stabilized with non-clumping turf grass (Y/N)		
12	Is SHWT separation provided? (Y/N)		
13	Does the SCM safely pass the 100 yr/24 hr storm event? (Y/N)		
14	Is uniform positive drainage provided to prevent ponding? (Y/N)		
15	Maintenance schedule provided? (Y/N)		
16	Engineer's certification on as-builts (Y/N)		
17	Maintenance agreement Intake Form submitted to City Attorney (Y/N)		
18	Maintenance easement metes & bounds & plat submitted to City Attorney (Y/N)		
19	Marked up as-built drawing included (Y/N)		

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ENGINEER'S CERTIFICATION OF
STORMWATER CONTROL COMPLETION

I certify that, persuant 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:_____