Wet Detention Pond

Record of Construction
Engineer's Certification of Completion

Project:_____ Date: _____

	Description	Design		As-built	
1	Slope of embankments (3:1 or flatter)				
2	Elevations of the following:				
a	Bottom of clearing, grubbing, & stripping under dam footprint				
b	Bottom of key or cutoff trench				
c	Bottom of pond				
d	Bottom of riser				
e	Top of riser				
f	Water quality orifice				
g	Top of forebay baffle				
h	Invert of inflow & outflow pipe(s)				
3	Top of dam: elevation & width				
4	Bottom width of key or cutoff trench				
5	Compaction requirement of earth work in key or cutoff trench & embankments (e.g. 95% Standard Proctor)				
6	Normal pool depth (measured from top of sediment storage)				
7	Is 10-foot wide vegetated shelf provided around all sides of main pond?				
8	Forebay maintenance access provided (top of embankment to pond bottom)?				
a	Width of maintenance bench				
9	Barrel seepage control: type & size				
10	Size & material of riser/barrel				
11	Verification of volume:				
a	Permanent sediment storage (ft^3) allocation to forebay & pond				
b	Permanent pool surface area (ft^2)				
c	Temporary water quality volume (ft3)				

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12	Emergency Spillway: width & crest elevation				
13	Waterstops installed (if applicable)				
14	Size of riser footing (if applicable)				
a	Footing rebar installed (if applicable)				

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

_____
_____on this plat (or on name of plat) as recorded in PB_____ , PG_____ in the Office of the _____ County Register of Deeds has been completed in conformance with the plans and specifications approved on _____, has its full design volume available, and is functioning as designed.

P.E. SEAL:

SIGNATURE: _____ DATE: _____