

DINWIDDIE COUNTY

PLANNING, ZONING, CODE COMPLIANCE AND ENVIRONMENTAL

EXHIBIT C

RETENTION / DETENTION CERTIFICATION FORM

INFORMATION:

Name of Site/Subd.: _____

Company Certifying: _____ Phone: _____

Name of Engineer/Surveyor Inspecting: _____ Inspection Date: _____

Date Facility Became Operational: _____ Total post-development acreage drained to BMP: _____

Geographic Coordinates of SWM/BMP: Latitude: _____ Longitude: _____

What SWM/BMP outfalls into: _____

The referenced **SWM/BMP** facility was field verified for compliance with the approved plans as follows:

Basin Type: Retention Detention

GENERAL:

	YES	NO
Is the facility located on the site according to the approved plans with respect to distances from right-of-way, curb lines, parking areas, sidewalks, structures, etc.?		
Is the facility in need of maintenance (ie. clogged inlets/outlets, accumulation or sediment/trash/debris, etc.)?		
Is there evidence of geotechnical failure, structural problems, or poor construction methods (slope failure, concrete failure, poorly compacted dam, poorly grouted or separating pipes)? If yes, explain: _____ _____		
Are barriers (ie. guardrails, bollards, fencing) provided in accordance with the approved plans?		
Is the embankment greater than 3 feet? If yes, provide a geotechnical certification stating that construction compaction requirements have been achieved.		

BASIN:

	DESIGN	FIELD
Bottom Lowest Elevation		
Bottom Surface Area at Lowest Elevation.		
Top Uppermost Continuous Contour.		
Top Surface Area at Uppermost Continuous Contour.		
Side Slopes Above Aquatic Bench		
Side Slopes Below Aquatic Bench		

MARSH INFO:

	DESIGN	FIELD
High Marsh Depth		
High Marsh Volume		
Low Marsh Depth		
Low Marsh Volume		

DAM:

	DESIGN	FIELD
Elevation of Top		
Width of Top		
Back Slope		

EMERGENCY SPILLWAY:

	DESIGN	FIELD
Elevation		
Length		

AQUATIC BENCH:

	DESIGN	FIELD
Width		
Lowest Elevation		
Highest Elevation		

INLET STRUCTURES:

	DESIGN	FIELD
Structure #:		
Material		
Size		
Invert Discharge into Basin		
Structure #:		
Material		
Size		
Invert Discharge into Basin		
Structure #:		
Material		
Size		
Invert Discharge into Basin		
Structure #:		
Material		
Size		
Invert Discharge into Basin		

OUTLET PIPE BARREL:

	DESIGN	FIELD
Invert In Elevation		
Invert Out Elevation		
Length		
Size		
Material		

RISER CREST:

	DESIGN	FIELD
Elevation		
Size		
Material		

WEIR:

	DESIGN	FIELD
Elevation		
Dimensions		
Material		

ORIFICES:

	DESIGN	FIELD
Number of Orifices		
Size (diameter or length/width)		
Lowest Elevation		

Wire Mesh/Stone: YES NO

ANTIVORTEX/TRASH RACK:

	DESIGN	FIELD
Elevation		
Size		
Material		

FORBAYS:

	DESIGN	FIELD
Material		
Top Elevation		
Bottom Elevation		

WATER QUALITY / QUANTITY

	DESIGN	FIELD
Water Quality Volume		
Water Quality Elevation		
Water Quantity Volume		
Water Quantity Elevation		

All geotechnical/structural aspects of the dam are in accordance with standard engineering and construction practices and are consistent with the approved plans with respect to/as applicable (yes or n/a).

	YES	N/A
Water tight connection between riser and pipe barrel		
Anti-seep collars		
% compaction		
clay core		
seepage drains		
o-ring pipe		

Pursuant to 9VAC25-870-55, I hereby certify that to the best of my knowledge and belief the stormwater management facilities show on the record drawings have been constructed in accordance with the approved plans and specifications.

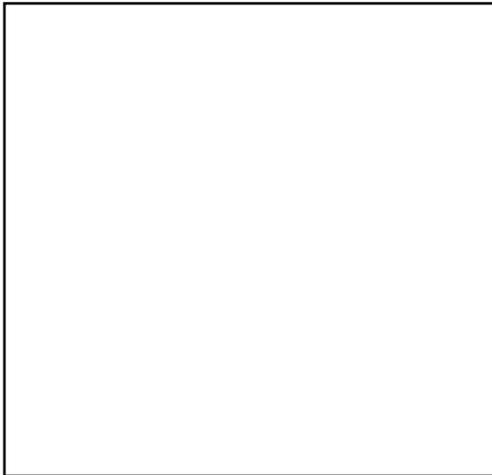
Name: _____

Signature: _____

Va. License: _____

Date: _____

Certify means to state or declare a professional opinion based on sufficient and appropriate onsite inspections, material tests, as-built survey data, and information provided by other professionals and the contractor, conducted during or after construction.



Additional Comments (if needed):

** Licensed Engineer/Surveyor
Signed Stamp*

**, 'Gpi lpggt IUwt xgf or inspecting the SWM/BMP must be the one stamping the form.
Must be submitted with original signature in blue/black ink.**