

**DRY DETENTION BASIN CHECKLIST**

**GENERAL PROJECT INFORMATION**

Project: _____			TIP No: _____		
Prepared by: _____		Date: _____	Checked by: _____		Date: _____
NCDOT Division: _____			River Basin: _____		
City: _____			NCDWQ Stream Classification		
County: _____			Primary: _____		
CAMA County:    Yes    No		Supplemental: _____			
TVA County:     Yes    No		303(d) Stream:    Yes    No		Buffer Required:    Yes    No	

**PROJECT DESCRIPTION**

Check the correct response.		Yes	No	Not Applicable	Comments/Design Assumptions
1	Was a field visit made to the proposed dry detention basin site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	Is the dry detention basin positioned outside the roadway clear recovery zone?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	Was maintenance access provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	Were off-site drainage areas verified and accommodated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	Was a pretreatment BMP used in series with the dry detention basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	Was soil compaction information provided in the project specifications?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	Was energy dissipation required for the emergency spillway (if used)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	Was the buoyancy of the outlet structure calculated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	Was the vegetative cover specified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	Was the grade of the basin bottom shown to slope and drain toward the orifice?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	Was topography downgrade of the dry detention basin outlet reviewed for ability to handle flow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	Were velocities evaluated for scour and erosion potential?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	Were all design assumptions documented?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	