

**INFILTRATION 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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Check the correct response.		Yes	No	Not Applicable	Comments/Design Assumptions
13	Has the infiltration rate been set equal to the hydraulic conductivity? If a safety factor has been used, please specify.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	Will the infiltration basin draw down the design storage volume under seasonal high water conditions within five days?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	Was a pretreatment stormwater control implemented to remove coarse solids?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	Was at least a 4-inch layer of clean sand or a vegetative cover specified for the bottom of the infiltration basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	Are all basin side slopes equal to or flatter than 3:1?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	Has all bypassed flow been routed to a swale or filter strip with a minimum width of 50 ft for projects draining to SA waters and 30 ft for all other waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	Was energy dissipation provided for the emergency outlet control structure (if used)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	Has adequate anchoring been provided for the emergency outlet control structure (if used)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	Has access been provided to the basin for inspection and maintenance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	Were all design assumptions documented?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	