

North Carolina Division of Water Quality – Stream Identification Form; Version 3.1

Date: 10/11/07	Project: Cooper S/D	Latitude: 35.7549719°N
Evaluator: Jennifer Burdette	Site: #11	Longitude: 79.0764542°W
Total Points: Stream is at least intermittent if ≥ 19 or perennial if ≥ 30 14.5	County: Chatham	Other e.g. Quad Name: Farrington

A. Geomorphology (Subtotal = 7.5)

	Absent	Weak	Moderate	Strong
1 ^a . Continuous bed and bank	0	①	2	3
2. Sinuosity	0	1	②	3
3. In-channel structure: riffle-pool sequence	0	①	2	3
4. Soil texture or stream substrate sorting	0	①	2	3
5. Active/relic floodplain	①	1	2	3
6. Depositional bars or benches	①	1	2	3
7. Braided channel	①	1	2	3
8. Recent alluvial deposits	①	1	2	3
9 ^a Natural levees	①	1	2	3
10. Headcuts	0	①	2	3
11. Grade controls	0	0.5	①	1.5
12. Natural valley or drainageway	0	①	1	1.5
13. Second or greater order channel on <u>existing</u> USGS or NRCS map or other documented evidence.	No = ①		Yes = 3	

^a Man-made ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = 2.5)

14. Groundwater flow/discharge	①	1	2	3
15. Water in channel and > 48 hrs since rain, <u>or</u> Water in channel -- dry or growing season	①	1	2	3
16. Leaf litter	1.5	①	0.5	0
17. Sediment on plants or debris	①	0.5	1	1.5
18. Organic debris lines or piles (Wrack lines)	①	0.5	1	1.5
19. Hydric soils (redoximorphic features) present?	No = 0		Yes = ①.5	

C. Biology (Subtotal = 4.5)

20 ^b . Fibrous roots in channel	3	②	1	0
21 ^b . Rooted plants in channel	3	②	1	0
22. Crayfish	①	0.5	1	1.5
23. Bivalves	①	1	2	3
24. Fish	①	0.5	1	1.5
25. Amphibians	①	0.5	1	1.5
26. Macroinvertebrates (note diversity and abundance)	①	0.5	1	1.5
27. Filamentous algae; periphyton	①	1	2	3
28. Iron oxidizing bacteria/fungus.	①	0.5	1	1.5
29 ^b . Wetland plants in streambed	FAC = ①.5, FACW = 0.75; OBL = 1.5 SAV = 2.0; Other = 0			

^b Items 20 and 21 focus on the presence of upland plants, Item 29 focuses on the presence of aquatic or wetland plants.

Notes: (use back side of this form for additional notes.)

Sketch:
