

NC DWQ Stream Identification Form Version 4.11

Bridge - 840224

Date: Dec 4, 2014		Project/Site: SB	Latitude: 36.461871
Evaluator: Sam Beavans		County: Stokes	Longitude: -80.144079
Total Points: Stream is at least intermittent if ≥ 19 or perennial if ≥ 30	27.5	Stream Determination: Intermittent	Other: DANBURY e.g. Quad Name:

A. Geomorphology (Subtotal = 13)

	Absent	Weak	Moderate	Strong	SCORE
1 ^a . Continuous bed and bank	0	1	2	3	3
2. Sinuosity of channel along thalweg	0	1	2	3	2
3. In-Channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0	1	2	3	2
4. Particle size of stream substrate	0	1	2	3	2
5. Active/relic floodplain	0	1	2	3	1
6. Depositional bars or benches	0	1	2	3	0
7. Recent alluvial deposits	0	1	2	3	1
8. Headcuts	0	1	2	3	0
9. Grade controls	0	0.5	1	1.5	1
10. Natural valley	0	0.5	1	1.5	1
11. Second or greater order channel	No = 0		Yes = 3		0

^a artificial ditches are not rated; see discussions in manual.

B. Hydrology (Subtotal = 5.5)

	Absent	Weak	Moderate	Strong	SCORE
12. Presence of Baseflow	0	1	2	3	1
13. Iron oxidizing bacteria	0	1	2	3	0
14. Leaf litter	1.5	1	0.5	0	1
15. Sediment on plants or debris	0	0.5	1	1.5	1
16. Organic debris lines or piles	0	0.5	1	1.5	1
17. Soil-based evidence of high water table?	No = 0		Yes = 1.5		1.5

C. Biology (Subtotal = 9)

	Absent	Weak	Moderate	Strong	SCORE
18. Fibrous roots in streambed	3	2	1	0	3
19. Rooted upland plants in streambed	3	2	1	0	3
20. Macroinvertebrates (note diversity and abundance)	0	1	2	3	2
21. Aquatic Mollusks	0	1	2	3	0
22. Fish	0	0.5	1	1.5	0
23. Crayfish	0	0.5	1	1.5	0
24. Amphibians	0	0.5	1	1.5	0
25. Algae	0	0.5	1	1.5	1
26. Wetland plants in streambed	FACW=0.75; OBL=1.5 Other=0				

*perennial stream may also be identified using other methods. See p.35 of manual.

Notes:	Bank Height (feet)	1-2
	Bankfull Width (feet)	2-3
	Water Depth (inches)	0-6
	Channel Substrate	Sand/cobble/gravel
	Velocity:	Slow
	Clarity:	Clear
Sketch:		