

NC DWQ Stream Identification Form Version 4.11

Date: (MM/DD/YYYY)	12/16/2016	Project/Site: B280082-Str SA	Latitude: 35.66373 (XX.XXXXX)
Evaluator: Mason, J. Barrett, B. Dilday, J.		County: Davidson	Longitude: -80.12082 (-XX.XXXXX)
Total Points: <i>Stream is at least intermittent if ≥ 19 or perennial if ≥ 30*</i>	19.00	Stream Determination: Intermittent	Other e.g. Quad Name:

A. Geomorphology (Subtotal = <u>7.5</u>) Score		Absent	Weak	Moderate	Strong
1 ^a . Continuity of channel bed and bank	2	0 ☐	1 ☐	2 ☒	3 ☐
2. Sinuosity of channel along thalweg	2	0 ☐	1 ☐	2 ☒	3 ☐
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	1	0 ☐	1 ☒	2 ☐	3 ☐
4. Particle size of stream substrate	1	0 ☐	1 ☒	2 ☐	3 ☐
5. Active/relict floodplain	1	0 ☐	1 ☒	2 ☐	3 ☐
6. Depositional bars or benches	0	0 ☒	1 ☐	2 ☐	3 ☐
7. Recent alluvial deposits	0	0 ☒	1 ☐	2 ☐	3 ☐
8. Headcuts	0	0 ☒	1 ☐	2 ☐	3 ☐
9. Grade control	0.5	0 ☐	0.5 ☒	1 ☐	1.5 ☐
10. Natural valley	0	0 ☒	0.5 ☐	1 ☐	1.5 ☐
11. Second or greater order channel	0	☒ No = 0		Yes = 3 ☐	

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

B. Hydrology (Subtotal = <u>6.5</u>)		Absent	Weak	Moderate	Strong
12. Presence of Baseflow	2	0 ☐	1 ☐	2 ☒	3 ☐
13. Iron oxidizing bacteria	0	0 ☒	1 ☐	2 ☐	3 ☐
14. Leaf litter	1	1.5 ☐	1 ☒	0.5 ☐	0 ☐
15. Sediment on plants or debris	0.5	0 ☐	0.5 ☒	1 ☐	1.5 ☐
16. Organic debris lines or piles	0	0 ☒	0.5 ☐	1 ☐	1.5 ☐
17. Soil-based evidence of high water table?	3	☐ No = 0		Yes = 3 ☒	

C. Biology (Subtotal = <u>5.00</u>)		Absent	Weak	Moderate	Strong
18. Fibrous roots in streambed	2	3 ☐	2 ☒	1 ☐	0 ☐
19. Rooted upland plants in streambed	3	3 ☒	2 ☐	1 ☐	0 ☐
20. Macroinvertebrates (note diversity and abundance)	0	0 ☒	1 ☐	2 ☐	3 ☐
21. Aquatic Mollusks	0	0 ☒	1 ☐	2 ☐	3 ☐
22. Fish	0	0 ☒	0.5 ☐	1 ☐	1.5 ☐
23. Crayfish	0	0 ☒	0.5 ☐	1 ☐	1.5 ☐
24. Amphibians	0	0 ☒	0.5 ☐	1 ☐	1.5 ☐
25. Algae	0	0 ☒	0.5 ☐	1 ☐	1.5 ☐
26. Wetland plants in streambed	0	FACW = 0.75; OBL = 1.5 Other = 0			

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

☐ ☐ ☒

Notes:

Project is NC 47 over Lick Creek; Other portions of stream would score higher than this, but less than 30, so considering entire reach INT.

Sketch: