NC DWQ Stream Identification Form Version 4.11

Stream ID: S5

Date:	03/09/2019	**Project/Site:**	Adirondack Tract	**Latitude:**	30.5233001708984
Evaluator:	TTL, Inc./C. Terrell	**County:**	Charlton	**Longitude:**	-82.0967025756835
Total Points: *Stream is at least intermittent if ≥ 19 or perennial if ≥ 30**	22.00	**Stream Determination:**	Intermittent	*e.g. Quad Name*:	St. George, GA

A. Geomorphology (Subtotal = 6.00)	Absent	Weak	Moderate	Strong
1[a]. Continuity of channel bed and bank	0	1 ✓	2	3
2. Sinuosity of channel along thalweg	0 ✓	1	2	3
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0 ✓	1	2	3
4. Particle size of stream substrate	0	1 ✓	2	3
5. Active/relict floodplain	0	1 ✓	2	3
6. Depositional bars or benches	0	1 ✓	2	3
7. Recent alluvial deposits	0	1 ✓	2	3
8. Headcuts	0 ✓	1	2	3
9. Grade control	0	0.5 ✓	1	1.5
10. Natural valley	0	0.5 ✓	1	1.5
11. Second or greater order channel	No = 0 ✓		Yes = 3	

[a] artificial ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = 7.50)				
12. Presence of Baseflow	0	1	2 ✓	3
13. Iron oxidizing bacteria	0	1 ✓	2	3
14. Leaf litter	1.5	1	0.5 ✓	0
15. Sediment on plants or debris	0	0.5 ✓	1	1.5
16. Organic debris lines or piles	0	0.5 ✓	1	1.5
17. Soil-based evidence of high water table?	No = 0		Yes = 3 ✓	

C. Biology (Subtotal = 8.50)				
18. Fibrous roots in streambed	3	2 ✓	1	0
19. Rooted upland plants in streambed	3 ✓	2	1	0
20. Macrobenthos (note diversity and abundance)	0	1 ✓	2	3
21. Aquatic Mollusks	0 ✓	1	2	3
22. Fish	0 ✓	0.5	1	1.5
23. Crayfish	0	0.5 ✓	1	1.5
24. Amphibians	0	0.5 ✓	1	1.5
25. Algae	0 ✓	0.5	1	1.5
26. Wetland plants in streambed	FACW = 0.75	✓OBL = 1.5	Other = 0	

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

Notes:

Sketch: