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[DIATOM COLLECTIONS FOR CALCULATION OF THE DIATOM  
NUTRIENT INDEX (DNI) (2.3)  
WDNR WATER QUALITY MONITORING PROGRAM]

February 26, 2015

**Diatom Sampling Sheet**

Date: 7-14-2019 Collected by: Mary Gansberg + Holly Stegemann

Stream name: Branch River

Site ID: 363299

Riffle coordinates: \_\_\_\_\_

Substrate sampled (circle): Rock Gravel/Sand Silt/Sediments

Substrate	Macro-algae Cover (0 to 3)	Moss Cover (0 to 3)	Periphyton Thickness (0 to 5)	Dimensions of Area Scraped (if measured) cm	Petri (check if used)
1	0	0	1	12 x 10	
2	0	0	2	12 x 10	
3	1	0	1	12 x 11	
4	0	0	1	16 x 13	
5	0	0	1	15 x 13	
6	1	0	1	13 x 20	
<del>7</del>					
<del>8</del>					
<del>9</del>					

**Moss cover and macro-algal cover:**  
 0: no moss or macro-algae present;  
 1: some moss or macroalgae, but <5% coverage;  
 2: 5-25% cover of substratum by moss or macro-algae;  
 3: > 25% cover of substratum by moss or macro-algae

**Periphyton (microalgae) thickness:**  
 0: substrate is rough with no apparent growth;  
 0.5: substrate is slimy, but biofilm is not visible (tracks cannot be drawn in the film with the back of your fingernail; endolithic algae can appear green but will not scratch easily from the substratum);  
 1: a thin layer of microalgae is visible (tracks can be drawn in the film with the back of your fingernail);  
 2: accumulation of microalgae to a thickness of 0.5-1 mm;  
 3: accumulation of microalgae from 1 mm to 5 mm thick;  
 4: accumulation of microalgae from 5 mm to 20 mm;  
 5: layer of microalgae is greater than 2 cm.

Site notes: LTT Wadeable stream site