

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

February 26, 2015

**Diatom Sampling Sheet**

Date: 7-12-2019 Collected by: Mary Gansberg

Stream name: Schuyler Creek - CTH U

Site ID: 10016026

Riffle coordinates: 44.7116, 87.35616

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	1	2	1	12 x 16	<input checked="" type="checkbox"/>
2	1	2	1	11 x 13	<input type="checkbox"/>
3	1	3	1	10 x 14	<input type="checkbox"/>
4	1	2	1	18 x 9	<input type="checkbox"/>
5	1	3	1	22 x 10	<input type="checkbox"/>
6	1	3	1	12 x 8	<input type="checkbox"/>
<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: \_\_\_\_\_