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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: 7-12-2019 Collected by: Mary Gansberg

Stream name: Silver Creek at Stevenson Pier Rd

Site ID: 10011693

Riffle coordinates: 44.76011, 87.53979

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	1	1	14 x 15	
2	3	3	1	10 x 13	
3	3	2	1	15 x 11	
4	2	3	1	15 x 10	
5	1	2	1	12 x 9	
6	1	2	1	9 x 10	
7					
8					
9					

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: _____