

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

February 26, 2015

Diatom Sampling Sheet

Date: 7-16-2019 Collected by: Mary Gansberg

Stream name: School Creek

Site ID: 10020829

Riffle coordinates: 44.54722, 87.72328

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

Table with 6 columns: 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). Rows 1-6 contain data, rows 7-9 are crossed out.

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); 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: Very low flow