

Diatom Sampling Sheet

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

Stream name: Scarborough Creek

Site ID: 10021266

Riffle coordinates: 44.44896, -87.75557

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), Retri (check if used). Rows 1-6 show data points with circles in the first two columns and vertical lines in the third column.

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: water < 15cm deep. Larger gravel

sampled