

Diatom Sampling Sheet

Date: 7-18-2019 Collected by: Mary Gansberg

Stream name: Pine Creek - CHT

Site ID: 10020831

Riffle coordinates: 4395465, 8806222

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	0	1	11 x 12	
2	0	0	1	14 x 13	
3	0	0	1	10 x 14	
4	0	0	1	6 x 14	
5	0	0	1	15 x 11	
6	0	0	1	7 x 9	
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: LTT Wadeable site

Mostly shady site