

K. Diatom Phosphorus Index Sampling Sheet

Date: 8-17-18 Collected by: Mary Gansberg

Stream name: Ahnapee River at CTH H

Site /Station ID: 153161

Riffle coordinates: _____

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

Substrate	Macro-algae Cover (0 to 3)	Moss Cover (0 to 3)	Periphyton Thickness (0 to 3)	Dimensions of Area Scraped (if measured) cm	Petri (check if used)
1	2	3		16 x 10	X
2	2	3		12 x 14	
3		3		10 x 11	
4		3		13 x 8	
5		3		14 x 5	
6		3		11 x 11	
7					
8					
9					

Periphyton (microalgae) thickness on substrates collected for DPI sample:
 0 – Almost no algal growth visible. Substrates feel rough or slightly slimy with none to very little (<10%) green, golden or brown discoloration/film on substrate surface.
 1 – A thin layer of green, golden or brown algal film present on substrate surfaces but underlying substrate is still mostly visible.
 2 – Algal mats are ~ 1mm thick and obscure the color and surface of the underlying substrate. This may include few algal filaments, generally less than 1 cm long.
 3 – Algal mats are greater than 2mm thick mostly covered with algal filaments longer than 1 cm. Surface may appear to be covered in short “fur-like” filaments or in extreme cases the surface will be covered with extremely long, bright green hair-like filaments.

Site notes

Site Name: Ahnapee River

Date: 9/13/18

SWIMS ID: 153161

Staff: Holly Stegemann
Andy Hudak
Miesha Hackett
Mary Gansberg

		Location	NA	0	1	2	3
Transect	1	FR	100				
Transect	2	LC	30	30		40	
Transect	3	RC	40	20	20	20	
Transect	4	FL	60	30	10		
Transect	5	FR	40	20	40		
Transect	6	FR	20	30	20	50	
Transect	7	FR	20	20	10	40	10
Transect	8	LC	10	20	20	30	20
Transect	9	RC	20		20	60	
Transect	10	LC	20		20	40	20
Transect	11	LC		40	40	20	
Transect	12	LC		60	20	20	

DPI Sample: (Y) N