

K. Diatom Phosphorus Index Sampling Sheet

Date:

7/19/2018

Collected by:

Mary Gansberg
Holly Stegemann
Joshua Benes

Stream name:

Pine Creek

Site /Station ID:

10020831, WBIC 79900

Riffle coordinates:

43.954517 -88.061875

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)	Petri (check if used)
1	0	0	1	CM 15x16	
2	0	0	1	18x19	
3	0	0	1	13x21	
4	0	0	1	13x13	
5	0	0	2	20x17	
6	0	0	2	24x16	
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: Pine Creek, Calumet County

Date: 7/19/2018

SWIMS ID: 10020831
WBIC 79900

Staff: Mary Gansberg
Holly Stegmann
Joshua Benes

	Location	NA	0	1	2	3
Transect 1	FR		60	40		
Transect 2	RC	20	60	20		
Transect 3	FL	10	90			
Transect 4	FR	10	20	70		
Transect 5	FC	10	20	70		
Transect 6	LC	30	50	20		
Transect 7	RC		90	10		
Transect 8	RC		20	70	10	
Transect 9	FR	10	30	60		
Transect 10	FC	20	80			
Transect 11	FL	30	60	10		
Transect 12	FR	10	70	20		

DPI Sample:

(Y)

N