

Site: Madison BlueCounty: MadisonDate: 11/6/13Investigators: K. Eller, K. Bridger

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (0-6)	Canopy Cover (# shaded)	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (0-6)	Canopy Cover (# shaded)	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (0-6)	Canopy Cover (# shaded)	
0	1	0		40	1	0	<u>sandy</u>	80	1			
	2				2				2			
	3				3				3			
	4				4				4			
	5	4	0		5	3	18		5			
	6				6				6			
	7				7				7			
	8				8				8			
	9	5			9	5			9			
10	1	5	<u>mirror coverage</u>	50	1			90	1			
	2				2				2			
	3				3				3			
	4				4				4			
	5		0		<u>see photo</u>	5	5		22	5		
	6				6				6			
	7				7				7			
	8				8				8			
	9	5			9	5			9			
20	1	4	20	60	1	5		100	1			
	2				2				2			
	3				3				3			
	4				4				4			
	5	5	20		5	5	0		5			
	6				6				6			
	7				7				7			
	8				8				8			
	9	5	<u>loop pods</u>		9	5			9			
30	1	0	<u>slimy</u>	70	1				1			
	2				2				2			
	3				3				3			
	4				4				4			
	5	4	22		5				5			
	6				6				6			
	7				7				7			
	8				8				8			
	9	5			9				9			

Check accompanying data collected at same site/date.

Water sample ☒Algal mat sample ☐SCI/Biorecon (circle 1) ☐Habitat Assessment ☐RQ: ☐

Algal Thickness Rank

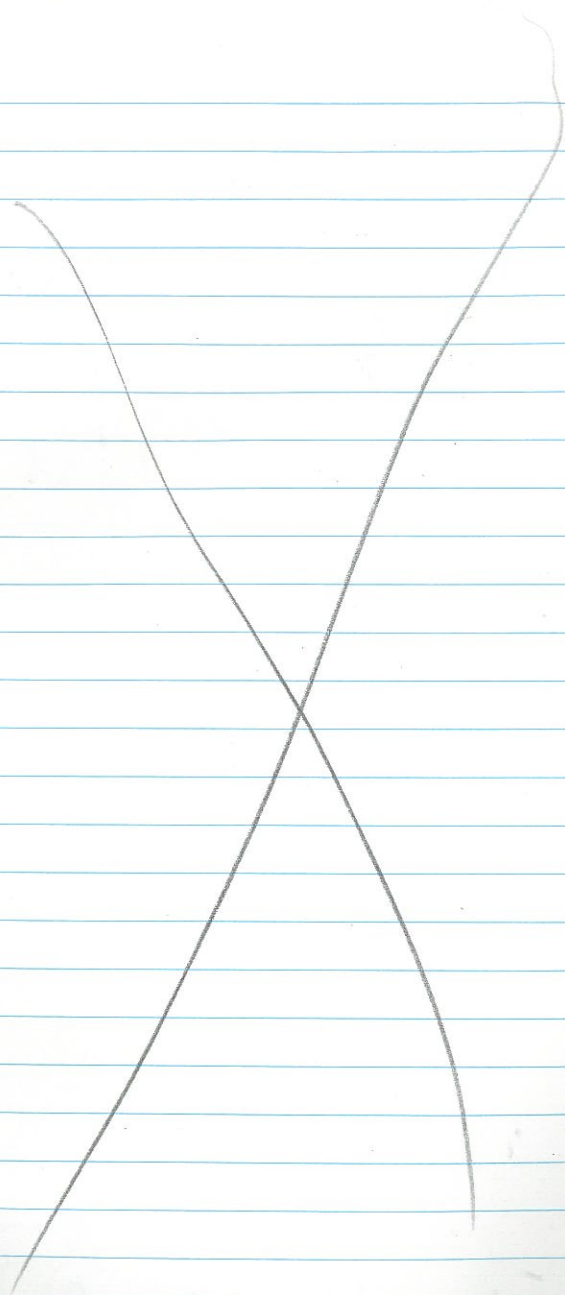
0	rough, no algae
1	< 0.5 mm or slimy
2	> 0.5 - 1 mm
3	> 1 mm - 6 mm
4	> 6 - 20 mm
5	> 20 mm
6	> 10 cm

Record an "X" for points where algae is not sampled because the substrate cannot be seen or reached with the hand. If the cell is left blank, data managers will assume point was not evaluated.

Record canopy cover as the NUMBER OF SMALL DENSIMETER SQUARES (OUT OF 25 THAT HAVE CANOPY COVER. Measure while facing upstream.

Collect an algal mat sample following DEP SOP FS 7240 if the percentage of total sampled points with a thickness rank of 4, 5, or 6 is >20%.

24 total squares



11/6/13 Madison
Blue
RPS

Downstream

OL

OC $D=0.00$

OR No algae
detritus little fish

10 R minor coverage
what is present is long

10C See photo Gary
Very Fast Flow

10L

Left Pinky + Index Finger

20L

Isopods present.
Multi-Generational
Dead/Alive

20C

Rank 5
20 squares

20R

| |

30R

zero algae
silty.

30C

D. 2 don't

everything else yes

Dead Algae Mostly

30L

| |
| |
| |

40L Rank 5

40C D. 18

Mostly Dead

1 strand Rank 5

2 strands ~1 cm

40R

0 algae
detritous
mostly sandy

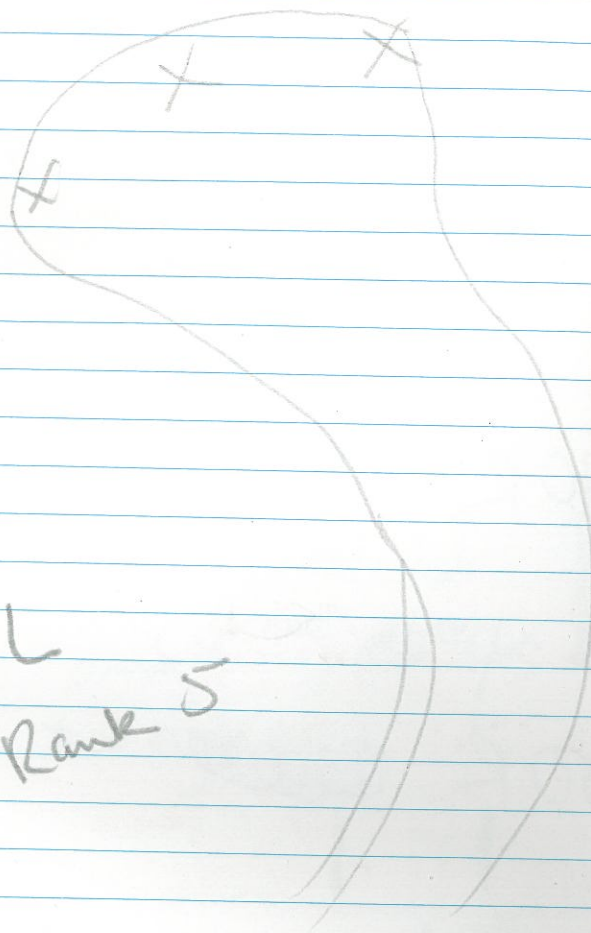
50R

~~Rank 5~~

|

|

50C D. 2 don't
everything else
yes
Rank 5



50L
Rank 5

60L Rank 5

60C D. No Tree Cover
Clear
Rank
Mostly Silt
But with patches of S

60R If habitat
to grow algae present
Rank 5