

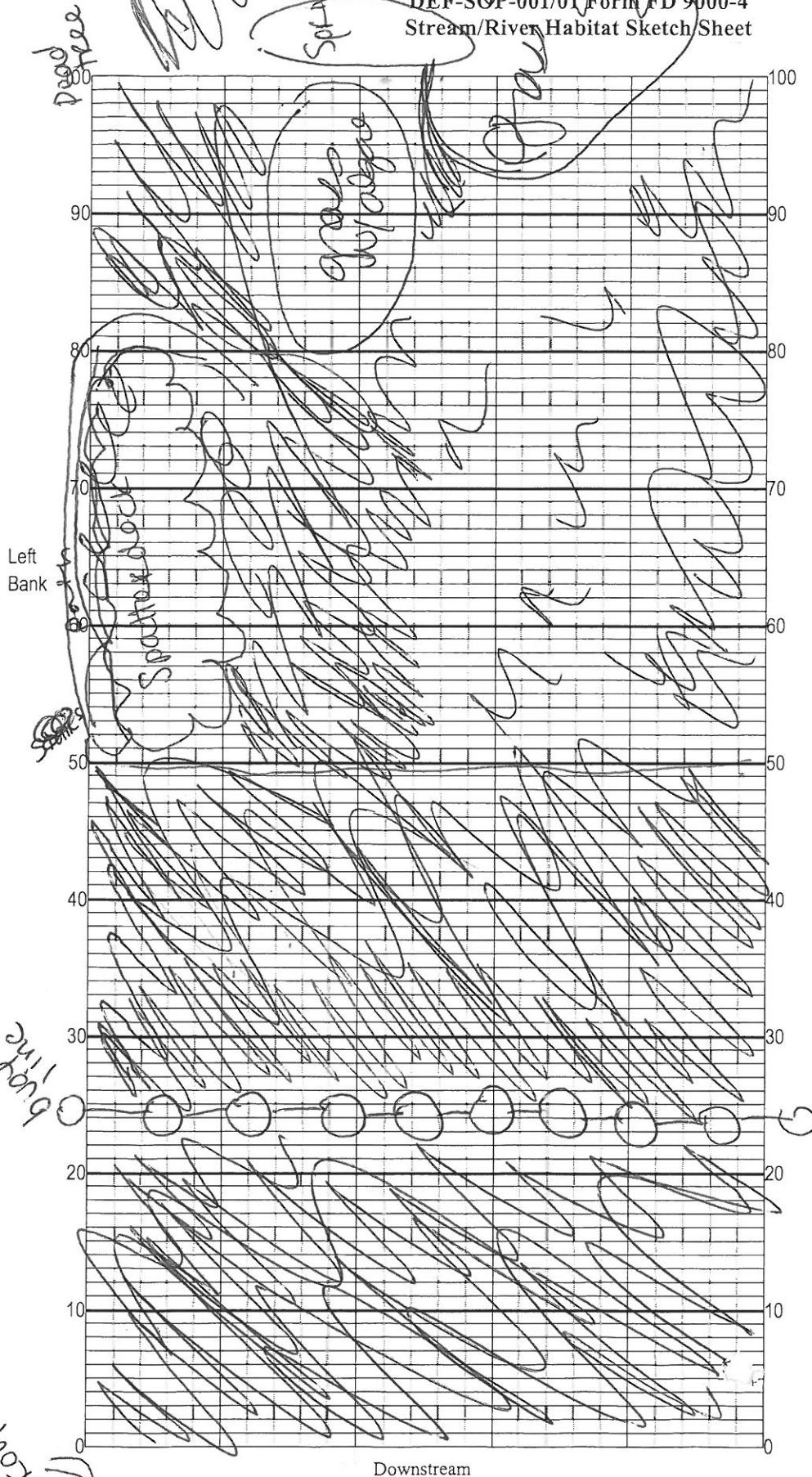
Site: Alexander SpringDate: 5/12/10Investigator: L. Hester; P. Madden

Transect (m)	Point 1=right 9=left	Algal Thickness (0 - 5)	Algae Type	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness (0 - 5)	Algae Type	Canopy Cover		
0	1	6	(F) D O	O	60	1	0	(F) D O	O		
	2	6	(F) D O			2	4	(F) D O			
	3	6	(F) D O			3	6	(F) D O			
	4	6	(F) D O			4	6	(F) D O			
	5	6	(F) D O			5	6	(F) D O			
	6	6	(F) D O			6	6	(F) D O			
	7	6	(F) D O			7	6	(F) D O			
	8	6	(F) D O			8	6	(F) D O			
	9	6	(F) D O			9	6	(F) D O			
10	1	6	(F) D O	O	70	1	0	(F) D O	O		
	2	6	(F) D O			2	0	(F) D O			
	3	6	(F) D O			3	6	(F) D O			
	4	6	(F) D O			4	6	(F) D O			
	5	6	(F) D O			5	6	(F) D O			
	6	6	(F) D O			6	6	(F) D O			
	7	6	(F) D O			7	6	(F) D O			
	8	6	(F) D O			8	6	(F) D O			
	9	6	(F) D O			9	6	(F) D O			
20	1	6	(F) D O	O	80	1	0	(F) D O	O		
	2	6	(F) D O			2	0	(F) D O			
	3	6	(F) D O			3	0	(F) D O			
	4	6	(F) D O			4	0	(F) D O			
	5	6	(F) D O			5	6	(F) D O			
	6	6	(F) D O			6	6	(F) D O			
	7	6	(F) D O			7	6	(F) D O			
	8	6	(F) D O			8	6	(F) D O			
	9	6	(F) D O			9	6	(F) D O			
30	1	6	(F) D O	O	90	1	0	(F) D O	O		
	2	6	(F) D O			2	0	(F) D O			
	3	6	(F) D O			3	0	(F) D O			
	4	6	(F) D O			4	6	(F) D O			
	5	6	(F) D O			5	6	(F) D O			
	6	6	(F) D O			6	6	(F) D O			
	7	6	(F) D O			7	6	(F) D O			
	8	6	(F) D O			8	6	(F) D O			
	9	6	(F) D O			9	6	(F) D O			
40	1	6	(F) D O	O	100	1	6	(F) D O	O		
	2	6	(F) D O			2	6	(F) D O			
	3	6	(F) D O			3	6	(F) D O			
	4	6	(F) D O			4	6	(F) D O			
	5	6	(F) D O			5	6	(F) D O			
	6	6	(F) D O			6	6	(F) D O			
	7	6	(F) D O			7	6	(F) D O			
	8	6	(F) D O			8	6	(F) D O			
	9	6	(F) D O			9	6	(F) D O			
50 buoy line	1	5	(F) D O	O	Algal Thickness Rank						
	2	5	(F) D O		0	1	2	3	4	5	6
	3	6	(F) D O		0 mm	<0.5 mm or slimy	0.5 - 1 mm	>1 to <6 mm	6 - 20 mm	2-10 cm	>10 cm
	4	5	(F) D O		Record an "X" for points where algae is not sampled because the substrate cannot be seen or reached with the hand.						
	5	6	(F) D O		Algae Type: F = Filamentous D = Diatoms O = Other						
	6	6	(F) D O		Record canopy cover as the number of small densiometer squares (out of 96) that HAVE TREE COVER. Measure while facing upstream.						
	7	6	(F) D O								
	8	6	(F) D O								
	9	6	(F) D O								

Notes: - transects 0 - 40 are downstream of swim area, transects 60-100 are inside swim area, (transect 50 is on buoy boundary line)

DEF-SOP-001/01 Form FD 9000-4
Stream/River Habitat Sketch Sheet

Alexander
5/12/10



Substrates: Code key, draw proportionate habitat abundance.

- ☐ Snags
- ☐ Roots/undercut banks
- ☐ Leaf Packs (or mats)
- ☐ Aquatic Macrophytes
- ☐ _____
- ☐ _____
- ☐ _____

Velocity:
Note where velocity measures were taken.

Habitat Smothering:
Note areas (on map) where sand or silt is smothering substrates, limiting habitability.

Bank Stability:
Note areas (on map) with unstable, eroding banks.

Riparian Buffer Width:
Note areas (on map) where natural vegetation is altered or eliminated.

Length of grid represents 100 m of stream (not linear meters).
(Horizontal scale is double vertical scale, draw proportionately).

Revision Date: September 10, 2008