

Site: Hunter Spring Date: 2/16/10 Investigator: 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		Hunter Spring Park 60 Point	1	6	(F) D O			
	2	1	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			
10	1	6 th 1	(F) D O		in swim/wading area 70	1	6	(F) D O			
	2	6	(F) D O			2	6	(F) D O			
	3	6 th 5	(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	1	(F) D O			
	7	6	(F) D O			7	1	(F) D O			
	8	6	(F) D O			8	1	(F) D O			
	9	6	(F) D O			9	1	(F) D O			
20	1	6	(F) D O		across from canoe launch 80	1	6	(F) D 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	3	(F) D O			
	5	6	(F) D O			5	0	F D O			
	6	6	(F) D O			6	0	F D O			
	7	6	(F) D O			7	0	F D O			
	8	6	(F) D O			8	0	F D O			
	9	6	(F) D O			9	1	(F) D O			
30	1	1	(F) D O		in swimming area 90	1	0	F D O			
	2	6	(F) D O			2	6	(F) D O			
	3	0	F D O			3	3	(F) D O			
	4	1	(F) D O			4	1	(F) D O			
	5	6	(F) D O			5	6	(F) D O			
	6	6	(F) D O			6	0	F D O			
	7	6	(F) D O			7	0	F D O			
	8	6	(F) D O			8	0	F D O			
	9	1	(F) D O			9	1	(F) D O			
40	1	6	(F) D O		in swim area 100	1	6	(F) D O			
	2	6	(F) D O			2	6	(F) D O			
	3	5	(F) D O			3	1	(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	0	F D O			
	7	6	(F) D O			7	0	F D O			
	8	6	(F) D O			8	0	F D O			
	9	6	(F) D O			9	6	(F) D O			
50	1	6 th 5	(F) D O		Algal Thickness Rank						
	2	6	(F) D O		0	1	2	3	4	5	6
	3	6	(F) D O		0 mm rough	<0.5 mm or slimy	0.5 - 1 mm	>1 to <6 mm	6 - 20 mm	2-10 cm	>10 cm
	4	6	(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:

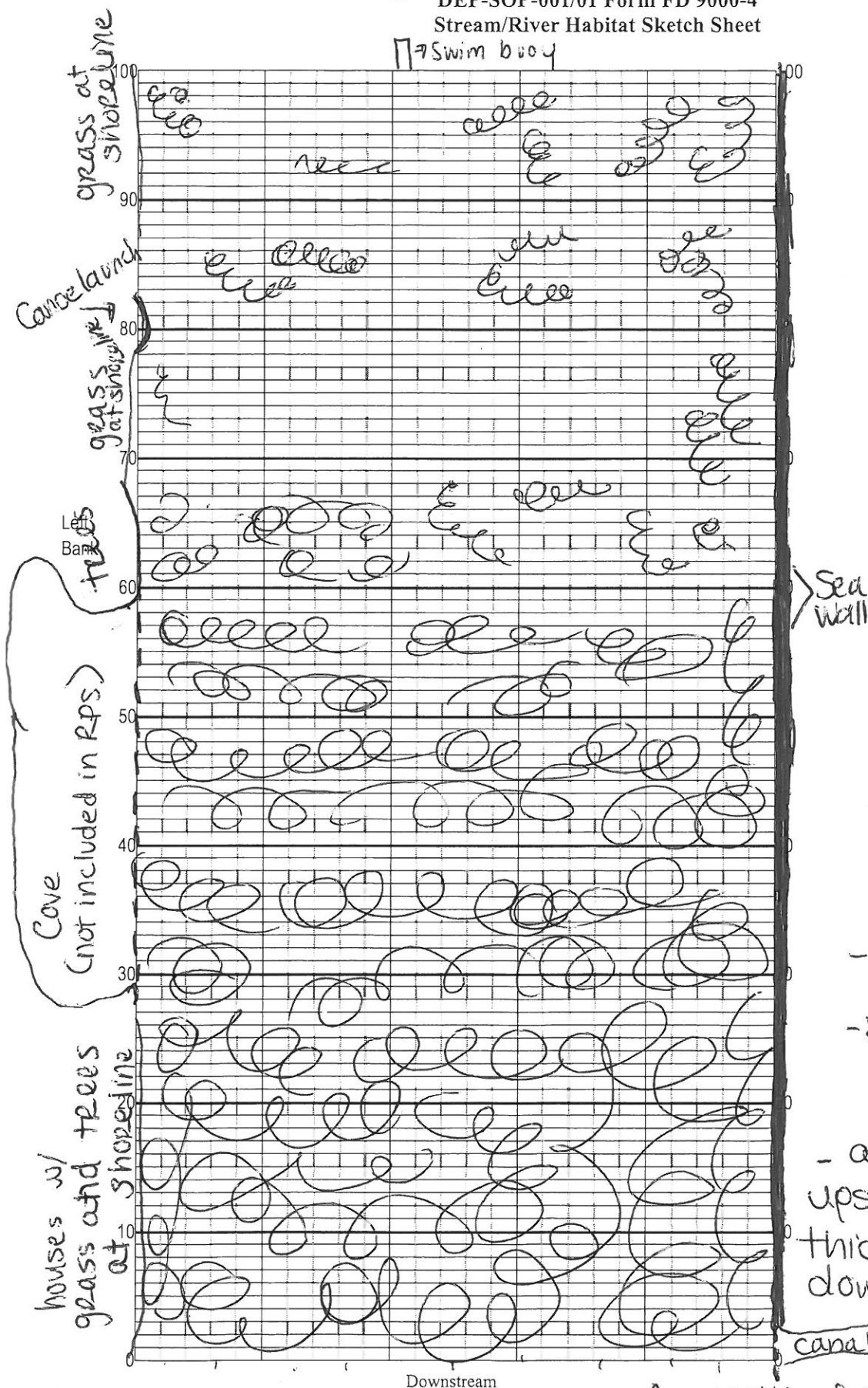
- densiometer not available
 - Avg transect width: 20 m
 - Avg transect depth: 3-6 ft.

Spring

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

Swim buoy

Hunter Spring
2/16/10



Substrates: Code key, draw proportionate habitat abundance.



Snags



Roots/undercut banks



Leaf Packs (or mats)



Aquatic Macrophytes



boundary inferred



Sea wall (Right bank)



algae + algae mats

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.

- L. Hester & P. Madden

- RPS completed on
2/16/10

- algae in patches
upstream, becoming a
thick mat further
downstream.

- Avg. width of Run: 20 meters

- Depth ranged from 3 ft (at 100 m pt.)
to 6 ft at 0 m point

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

Revision Date: September 10, 2008