

State _____ Watershed _____ Site ID _____			Mussel Survey and Habitat Data Sheet pg __ of __																																
Date:			Observers (years of experience):					Time arrived at bridge site																											
Water Temp:		GPS point? Y N						X:	Time site has been selected																										
		Y:																																	
Sky Code:		Random Distance?						Time mussel survey start																											
					Time mussel survey end																														
					Time departing from site																														
Wetted Width (m)		Canopy Cover (# out of 17 intersections)			Mesohabitat: % of entire search area			Access Visibility > 1 m		Y N																									
1.		Bank 1		Bank 2		Riffle		Run		Pool		Measured Length of Stream Survey (m)																							
		US:		US:																															
2.		DS:		DS:																															
3.		RR:		RR:		Notes																													
		RL:		RL:																															
Lane Habitat Survey																																			
		Depth (5 spaced measurements including the min and max at the center of the transect)								Substrate (measurement of particle taken at each depth measurement using the substrate size class codes)					Vegetation % Code			Large Wood (Count: > 10 cm & 1.5 m length)		Stream Velocity Code															
Lane #		Observer (initials)		Search Method		1		2		3		4		5		Min						Max		1		2		3		4		5		Submergent	
1																																			
2																																			
3																																			
4																																			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			
Sky Code: Do not conduct surveys if sky codes are above 5.										Substrate Size Class Codes										Stream Velocity –															
Code Sky Condition										(EPA)										The code used to describe the general stream velocity of the lane that has been surveyed. It is understood that the lane may include multiple mesohabitat types.															
0 Clear or few clouds (< 20% of sky)										RS = Bedrock (smooth) - larger than a car										1 : Still water; low velocity; smooth, glassy surface; usually deep compared to other parts of the channel															
1 Partly cloudy or variable (20-50% of sky)										RR = Bedrock (Rough) - larger than a car										2: Water moving slowly, with smooth, unbroken surface; low turbulence															
2 Cloudy or overcast (> 50% of sky)										RC = Concrete/Asphalt										3: Water moving, with small ripples, waves, and eddies; surface tension is not broken; “babbling” or “gurgling” sound.															
3 Fog										XB = Large boulder (1000-4000mm) - meterstick to car																									
4 Mist										SB = Small boulder (250-1000mm) - basketball to meterstick																									
5 Showers or light rain										CB = Cobble (64-250mm) - tennis ball to basketball																									
6 Heavy rain										GC = Coarse grave (16-64mm) - marble to tennis ball																									
Vegetation % Code										Search Method (by lane)																									
1 = 0%										S = Snorkel																									
2 = 1-5%										B = Bucket Viewer																									
3 = 5-15%										O = other or mix; explain in notes																									
4 = 15-25%																																			
5 = >25%																																			
										FN = Silt / clay / muck - not gritty																									
										HP = Hardpan - firm, consolidated fine substrate																									
										OT = Other																									

Site description and diagram – This space can be used to draw a diagram (with description) of the stream site that illustrates features that may be important and noteworthy for Brook Floater. It may be helpful to label upstream/downstream, riffles, runs, pools and tributary junctions.

[illegible]