

Transect Datasheets (General Description)

Site Number: _____

Notes: All data to be completed facing upstream.

On islands, when transect crosses the island, don't include the island when calculating channel widths.

Riffle: Has shallower than average maximum depths and obvious surface turbulence. Water velocity is faster than average.

Run: Has average maximum depths and little or no surface turbulence. Water velocities may be fast or slow, however surface is smooth.

Pool: Has deeper than average maximum depths with no obvious surface turbulence or broken water. Water velocities are always slow.

Riparian vegetation is an estimate within 30' of waters edge, include estimate 30' upstream and downstream from transect.

Y = Residential Yard

G = Native Grassland

S = Scrub/Shrub

ST = Small Tree (<6" DBH)

LT = Large Tree (>6" DBH)

Bank Stability: Assume the river channel is full of water, look at where the river would touch the streambank

G = Good (<25% of streambank is bare soil)

F = Fair (25 - 50% of streambank is bare soil)

P = Poor (50 - 75% of streambank is bare soil)

VP = Very Poor (>75% of streambank is bare soil)

Overhanging Vegetation: Measured along the transect, indicate amount only if it less than 12 inches from the surface of the water.

Enter 0 if distance from the water is greater than 12 inches.

Transect	Width <i>(x.x ft)</i>	Habitat Type		Riparian Class		Bank Stability		Overhanging Vegetation	
		Pool/Riffle/Run <i>(Circle One)</i>	Riparian Class <i>(Left Bank)</i>	Riparian Class <i>(Right Bank)</i>	Bank Stability <i>(Left Bank)</i>	Bank Stability <i>(Right Bank)</i>	<i>(x.x ft, enter 0 if >12" from water)</i>		
								<i>(Left Bank)</i>	<i>(Right Bank)</i>
1		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			
2		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			
3		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			
4		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			
5		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			
6		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			
7		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			
8		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			
9		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			
10		Pool Riffle Run	Y G S ST LT	Y G S ST LT	G F P VP	G F P VP			

Comments: