Stream Habitat Survey: For Rocky and Muddy Bottom Streams (circle one)

Group Stream name of Site in matter investigators Date	Group	Investigators	Stream name or Site ID	Date
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Stream habitat will be evaluated looking both upstream and downstream, and includes: channel bottom materials, streamside vegetation, slope, and other channel characteristics. You may choose a value between 0-10 for each parameter. Note #s 8-10 ask you to evaluate each bank separately.

All measurements should be taken during baseflow conditions. Stream reach is defined as 12 times stream width, bankfull to bankfull.

Habitat Parameter	ExcellentPoor										
1. Epifaunal Substrate What types of submerged materials are on the channel bottom?	Abundant stable habitat cover for colonization by macroinvertebrates and fish: submerged roots, woody and vegetative debris, cobbles, leaf packs and undercut banks.			d colonization fish: subme vegetative of	Adequate stable habitat cover for colonization by macroinvertebrates and fish: submerged roots, woody and vegetative debris, cobbles, leaf packs and undercut banks.			Little or no stable habitat cover available for colonization by macroinvertebrates and fish: submerged roots, woody and vegetative debris, cobbles, leaf packs and undercut banks; habitat may move during high flows.		What did you see?	
	10	9	8	7 6	5	4	3 2	1	0	Score	
2. Embeddedness * For ROCKY BOTTOM streams only	Gravel ar embedded i		are slightly		nd cobble in riffle area.	are partially	Gravel and embedded in		re completely	What did you	see?
Are fine sediments being deposited in		V.	o de la companya della companya dell		000		- KK				
riffle/run area?	10	9	8	7 6	5	4	3 2	1	0	Score	
Is a diversity of instream habitats available: riffle, runs and pools?	run, pool) a	ee (3) habitat re present ar poo	nd frequent.	Two (2) hal	oitat types ar	e present.	Only one (1 dominant.	I) habitat ty	pe present and	What did you	see?
	10	9	8	7 6	5	4	3 2	1	0	Score	
4. Sediment Deposition Are sand bars and islands present?	Little or no islands or p		nt of vegetate	bottom wit	n new depo	n of the channe osition in pools oar formation.		cted by exter e bare.	y fine sediment; nsive deposition.	What did you	see?
	10	9	8	7 6	5	4	3 2	1	0	Score	
5. Aquatic Vegetation How much algae and aquatic plant growth exists in the stream?	aquatic plar	r in whole rea nt community tle algae grou	- low quantity	reach; some	o abundance	ish water in whole of lush green nt algae growth		f plants clog st	er in whole reach; ream; severe algal s in stream	What did you	see?
	10	9	8	7 6	5	4	3 2	1	0	Score	

Aquatic Vegetation diagrams courtesy of Houghton Lake Improvement Board

Take two photographs, looking upstream and downstream, capturing banks and riparian zone on both sides.

Total first side

