

MiCorps Site ID#: \_\_\_\_\_



## Stream Habitat Assessment

**Stream Name:** \_\_\_\_\_

Location: \_\_\_\_\_ (Circle one: *Upstream* or *Downstream* of road?)

Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ (AM/PM)

### Monitoring Team:

Name of Person Completing Datasheet: \_\_\_\_\_

Other Team Members: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Location Information:

Major Watershed: \_\_\_\_\_ HUC Code (if known): \_\_\_\_\_

County: \_\_\_\_\_ Township: \_\_\_\_\_ Sec    T    R    ¼    ¼

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Lat./Long. Coordinate Determination Method (check one):

GPS     GPS w/ DBR     Digital mapping software     Topographic map

Other (describe \_\_\_\_\_) Map Scale (if known \_\_\_\_\_)

Did you assess 300 feet of stream?  If not, how much? \_\_\_\_\_ Why? \_\_\_\_\_

### **Reminders:**

*Take photographs of the site as you work.*

*Left and right are determined as you are facing downstream.*

Datasheet Checked for Completeness by: \_\_\_\_\_  
Data entered into MiCorps Database by: \_\_\_\_\_

Datasheet Version 6/23/05  
Date: \_\_\_\_\_

MiCorps Site ID#: \_\_\_\_\_

PHYSICAL HABITAT													
BACKGROUND INFORMATION							PHYSICAL APPEARANCE (Circle all that apply)						
Storm Event Conditions noted at site? Days since Rain	None	Light		Moderate		Heavy	Aquatic Plants	None	Present	Abundant			
	≤ 1	2		≥ 3		Unknown	Floating Algae	None	Present	Abundant			
Water Temp./D.O./pH *							Filamentous Algae	None	Present	Abundant			
Water Color	Clear	Gray	Brown	Black	Green		Bacterial Sheen/Slimes	None	Present	Abundant			
Water body Type-upstream	Stream		Lake		Impound	Wetland	Turbidity	None	Present	Abundant			
Water body Type-downstream	Stream		Lake		Impound	Wetland	Oil Sheen	None	Present	Abundant			
Stream Width (ft.)	<10		10-25		25-50		>50	Foam	None	Present	Abundant		
Avg. Stream Depth (ft.)	<1		1-3		>3		Unknown	Trash	None	Present	Abundant		
Water Velocity (ft/s) *													
Stream Flow Type	Dry	Stagnant		L	M	H							
SUBSTRATE (%) (add to 100%)							INSTREAM COVER (circle one)						
Boulder – 10" diameter							Undercut Banks	Yes	No				
Cobble/Gravel – 0.08" to 10" diameter							Overhanging Vegetation	Yes	No				
Sand – coarse grain							Deep Pools	Yes	No				
Silt/Detritus/Muck - fine grain/organic matter							Boulders	Yes	No				
Hardpan/Bedrock – solid clay/rock surface							Aquatic Plants	Yes	No				
Artificial – manmade							Logs or Woody Debris	Yes	No				
Unknown													
RIVER MORPHOLOGY							STREAM CORRIDOR						
Riffle	Present			Abundant				Riparian Veg Width (feet - Left Bank)	<10	10-30	30-100	>100	
Pool	Present			Abundant				Riparian Veg Width (feet - Right Bank)	<10	10-30	30-100	>100	
Channel	Natural	Recovering			Maintained			Bank Erosion	0	L	M	H	
Designated Drain	?	Y			N			Streamside Land Cover	Bare	Grass	Shrub	Trees	
Highest Water Mark (ft)	?	<1	1-3	3-5	5-10	>10	Stream Canopy %	<25	25-50		>50		
Typical Stream Cross Section Sketch							Adjacent Land Uses Seen (circle all that apply)						
							Wetlands	Left		Right			
							Shrub or Old Field	L		R			
							Forest	L		R			
							Pasture	L		R			
							Crop Residue	L		R			
							Row Crop	L		R			
							Residential Lawns, Parks	L		R			
							Impervious Surface	L		R			
							Disturbed Ground	L		R			
No Vegetation	L		R										

\* Optional Data Item



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Stream Name: \_\_\_\_\_

Location: \_\_\_\_\_

POTENTIAL SOURCES OF STREAM DEGRADATION (Severity: S – slight; M – moderate; H – high) (Indicate all that apply)									
Crop Related Sources	S	M	H	Land Disposal	S	M	H		
	S	M	H		S	M	H		
Grazing Related Sources	S	M	H	On-site Wastewater Systems	S	M	H		
	S	M	H		S	M	H		
Intensive Animal Feeding Operations	S	M	H	Silviculture (Forestry NPS)	S	M	H		
	S	M	H		S	M	H		
Highway/Road/Bridge Maintenance and Runoff (Transportation NPS)	S	M	H	Resource Extraction (Mining NPS)	S	M	H		
	S	M	H		S	M	H		
Channelization	S	M	H	Recreational/Tourism Activities (general)	S	M	H		
	S	M	H		S	M	H		
Dredging	S	M	H	<ul style="list-style-type: none"> <li>Golf Courses</li> </ul>	S	M	H		
	S	M	H		S	M	H		
Removal of Riparian Vegetation	S	M	H	<ul style="list-style-type: none"> <li>Marinas/Recreational Boating (water releases)</li> </ul>	S	M	H		
	S	M	H		S	M	H		
Bank and Shoreline Erosion/Modification/Destruction	S	M	H	<ul style="list-style-type: none"> <li>Marinas/Recreational Boating (bank or shoreline erosion)</li> </ul>	S	M	H		
	S	M	H		S	M	H		
Flow Regulation/ Modification (Hydrology)	S	M	H	Debris in Water	S	M	H		
	S	M	H		S	M	H		
Upstream Impoundment	S	M	H	Industrial Point Source	S	M	H		
	S	M	H		S	M	H		
Construction: Highway, Road, Bridge, Culvert	S	M	H	Municipal Point Source	S	M	H		
	S	M	H		S	M	H		
Construction: Land Development	S	M	H	Natural Sources	S	M	H		
	S	M	H		S	M	H		
Urban Runoff (Residential/ Urban NPS)	S	M	H	Source(s) Unknown	S	M	H		
	S	M	H		S	M	H		

**Additional Comments:**

Please use this space to make any additional comments about site conditions or this assessment process...

Finish Time: \_\_\_\_\_ (AM/PM)