MiCorps Site ID#:_____

Michigan Clean Water Corps

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:_____ Datasheet Version 6/23/05
Data entered into MiCorps Database by:_____ Date:_____

MiCorps Site ID#:_____

PHYSICAL HABITAT

BACKGROUND INFORMATION

Storm Event Conditions noted at site?	None	Light	Moderate		Heavy
Days since Rain	≤ 1	2	≥ 3		Unknown
Water Temp./D.O./pH *					
Water Color	Clear	Gray	Brown	Black	Green
Water body Type-upstream	Stream	Lake	Impound		Wetland
Water body Type-downstream	Stream	Lake	Impound		Wetland
Stream Width (ft.)	<10	10-25	25-50		>50
Avg. Stream Depth (ft.)	<1	1-3	>3		Unknown
Water Velocity (ft/s) *					
Stream Flow Type	Dry	Stagnant	L	M	H

PHYSICAL APPEARANCE
(Circle all that apply)

Aquatic Plants	None	Present	Abundant
Floating Algae	None	Present	Abundant
Filamentous Algae	None	Present	Abundant
Bacterial Sheen/Slimes	None	Present	Abundant
Turbidity	None	Present	Abundant
Oil Sheen	None	Present	Abundant
Foam	None	Present	Abundant
Trash	None	Present	Abundant

SUBSTRATE (%)
(add to 100%)

Boulder – 10" diameter	
Cobble/Gravel – 0.08" to 10" diameter	
Sand – coarse grain	
Silt/Detritus/Muck - fine grain/organic matter	
Hardpan/Bedrock – solid clay/rock surface	
Artificial – manmade	
Unknown	

INSTREAM COVER
(circle one)

Undercut Banks	Yes	No
Overhanging Vegetation	Yes	No
Deep Pools	Yes	No
Boulders	Yes	No
Aquatic Plants	Yes	No
Logs or Woody Debris	Yes	No

RIVER MORPHOLOGY

Riffle	Present			Abundant		
Pool	Present			Abundant		
Channel	Natural	Recovering			Maintained	
Designated Drain	?	Y			N	
Highest Water Mark (ft)	?	<1	1-3	3-5	5-10	>10

STREAM CORRIDOR

Riparian Veg Width (feet - Left Bank)	<10	10-30	30-100	>100
Riparian Veg Width (feet - Right Bank)	<10	10-30	30-100	>100
Bank Erosion	0	L	M	H
Streamside Land Cover	Bare	Grass	Shrub	Trees
Stream Canopy %	<25	25-50		>50

Typical Stream Cross Section Sketch

Adjacent Land Uses Seen
(circle all that apply)

	Left	Right
Wetlands	L	R
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**

Michigan Clean Water Corps

Datasheet Checked for Completeness by:_____ Datasheet Version 6/23/05
Data entered into MiCorps Database by:_____ Date:_____

MiCorps Site ID#:_____

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**
Grazing Related Sources	**S**	**M**	**H**	**On-site Wastewater Systems**	**S**	**M**	**H**
Intensive Animal Feeding Operations	**S**	**M**	**H**	**Silviculture (Forestry NPS)**	**S**	**M**	**H**
Highway/Road/Bridge Maintenance and Runoff (Transportation NPS)	**S**	**M**	**H**	**Resource Extraction (Mining NPS)**	**S**	**M**	**H**
Channelization	**S**	**M**	**H**	**Recreational/Tourism Activities (general)**	**S**	**M**	**H**
Dredging	**S**	**M**	**H**	• **Golf Courses**	**S**	**M**	**H**
Removal of Riparian Vegetation	**S**	**M**	**H**	• **Marinas/Recreational Boating (water releases)**	**S**	**M**	**H**
Bank and Shoreline Erosion/ Modification/Destruction	**S**	**M**	**H**	• **Marinas/Recreational Boating (bank or shoreline erosion)**	**S**	**M**	**H**
Flow Regulation/ Modification (Hydrology)	**S**	**M**	**H**	**Debris in Water**	**S**	**M**	**H**
Upstream Impoundment	**S**	**M**	**H**	**Industrial Point Source**	**S**	**M**	**H**
Construction: Highway, Road, Bridge, Culvert	**S**	**M**	**H**	**Municipal Point Source**	**S**	**M**	**H**
Construction: Land Development	**S**	**M**	**H**	**Natural Sources**	**S**	**M**	**H**
Urban Runoff (Residential/ Urban NPS)	**S**	**M**	**H**	**Source(s) Unknown**	**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)