

Single Site Watershed Survey Data Sheet

Date: _____ **Time:** _____
Waterbody Name: _____ **County:** _____ **Station #:** _____
Location: _____ **Township:** _____ **Sec T R ¼ ¼**
Investigator: _____ **Lat:** _____ **Long:** _____
Coordinate Determination Method (check the one that applies):
 ___ GPS ___ GPS w/ DBR ___ Digital mapping software ___ Topographic map ___ Other (describe _____)
Map Scale (if known _____)

Upstream Side/Downstream Side

PHYSICAL HABITAT											
BACKGROUND INFORMATION - pg. 18						PHYSICAL APPEARANCE - pg. 20 (Check all that apply)					
Event Conditions noted at site	None		Light		Moderate		Heavy		Aquatic Plants	Present	Abundant
	= 1		2		=3		Unknown		Floating Algae	Present	Abundant
Water Temp./D.O./pH *									Filamentous Algae	Present	Abundant
Water Color	Clear	Gray	Brown	Black	Green		Bacterial Sheen/Slimes	Present	Abundant		
Waterbody Type-u/s	Stream		Lake	Impound	Wetland		Turbidity	Present	Abundant		
Waterbody Type-d/s	Stream		Lake	Impound	Wetland		Oil Sheen	Present	Abundant		
Stream Width (ft.)	<10		10-25	25-50	>50		Foam	Present	Abundant		
Avg. Stream Depth (ft.)	<1		1-3	>3	Unknown		Trash	Present	Abundant		
Water Velocity (ft./sec) *											
Stream Flow Type	Dry	Stagnant	L	M	H						
SUBSTRATE (%) – pg. 22 (add to 100%)						INSTREAM COVER – pg. 23 (check all that apply)					
Boulder – 10 in. diam.						Undercut Banks					
Cobble/Gravel –10 to .08 in. diam.						Overhanging Vegetation					
Sand – coarse grain						Deep Pools					
Silt/Detritus/Muck - fine grain/organic matter						Boulders					
Hardpan/Bedrock – solid clay/rock surface						Aquatic Plants					
Artificial – manmade						Logs or Woody Debris					
Unknown											
RIVER MORPHOLOGY – pg. 23						STREAM CORRIDOR – pg. 26					
Riffle	Present			Abundant			Riparian Veg. Width ft.(L)	<10	10-30	30-100	>100
Pool	Present			Abundant			Riparian Veg. Width ft.(R)	<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
							Stream Canopy %	<25	25-50	>50	
Highest Water Mark (ft.)	?	<1	1-3	3-5	5-10	>10	Adjacent Land Uses				
Stream Cross Section							Wetlands	L	R		
							Shrub or Old Field	L	R		
							Forest	L	R		
							Pasture	L	R		
							Crop Residue	L	R		
							Rowcrop	L	R		
							Residential Lawns, Parks	L	R		

Impervious Surface

L

R

Disturbed Ground

L

R

No Vegetation

L

R

* Optional Data Item

Data Sheet Version 4/27/00

Single Site Watershed Survey Data Sheet (page 2)

Date:

Station #:

Upstream Side/Downstream Side

POTENTIAL SOURCES (Severity: S – slight; M – moderate; H – high) – pg. 28									
	S	M	H		S	M	H		
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/Recr. Boating (water releases)	S	M	H		
Bank and Shoreline Erosion/Modification/Destruction	S	M	H	?? Marinas/Recr. 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 Pt. Source	S	M	H		
<u>Construction:</u> Highway/Road /Bridge/Culvert	S	M	H	Municipal Pt. Source	S	M	H		
<u>Construction:</u> Land Development	S	M	H	Natural Sources	S	M	H		
Urban Runoff (Residential/ Urban NPS)	S	M	H	Source(s) Unknown	S	M	H		

SITE SUMMARY INFORMATION – pg. 33			
SURVEY DIRECTION	N/A	U/S	D/S
SITE SIMILARITY	?	Y	N
OVERALL SITE RANKING	L	M	H
SITE FOLLOW-UP RANK	L	M	H

COMMENTS:
