

Watershed Inventory Data Sheet
Buck Creek Watershed

Date

Investigator

Waterbody Name

Site ID# _____

Site Reference

Pollutant Source (choose only one, complete section)

- | | | | |
|---------------------|-----------------------------|--------------------|--------------------------|
| 1. Debris/Trash | 2. Construction Site Runoff | 3. Stream Crossing | 4. Rill or Gully Erosion |
| 5. Livestock Access | 6. Upland Source | 7. Tile Outlet | 8. Streambank Erosion |
| 9. Urban Runoff | | | |
| 10. Other: _____ | | | |

County	Kent	Township	Section #	0.25	0.25		
Tract #(s)		Owner					
Current precipitation	None	Light	Moderate	Heavy			
Days since last rain	1 or less	2	3 or more	How much?	inches		
Water Color	Clear	Green	Milky	Brown	Very Muddy	Black	
Water Odor	None	Musty	Rotten Eggs	Chemical	Oil	Sewage	
Stream flow type	Dry	Stagnant	Slow Flow	Rapid Flow			
Average Stream Width	10' or less	11' - 25'	25' - 50'	50' or more			
Average Stream Depth	<1'	1' - 3'	>3'	Don't know			
Riparian Habitat	Trees	Shrubs	Herbaceous plants	Grass	Bare		
Buffer/Filter Strip	Y / N	Width	<1'	1' - 3'	3' - 10'	>10'	
Land Use (facing u/s)	Left	Road	Woodland	Wetland	Idle	Agricultural	Res/Comm
	Right	Road	Woodland	Wetland	Idle	Agricultural	Res/Comm

Comments:

SECTION 1. DEBRIS/TRASH/OBSTRUCTIONS

Slight	Moderate	Extensive	Description: _____
Organic Waste Dumping	Left bank	Right Bank	Type: _____

SECTION 2. CONSTRUCTION SITE RUNOFF

Location	Left Bank	Right Bank		
Construction type	road	residential	industrial	other
Soil erosion measures	not installed	needs repair	not adequate	
Sedimentation control measures	not installed	needs repair	not adequate	
Extent of erosion/sedimentation	slight	moderate	severe	

SECTION 3. STREAM CROSSING

Type of Crossing	Bridge	Single Culvert	Double Culvert	Other
Construction material	Concrete	Galvanized	Plastic	Other
Condition	Good	Fair	Poor	
Flow	Clean	> 1/4 full of Sediment	Obstructed	
Road Surface	Paved	Gravel	Unimproved	
Erosion Location	Streambank	Embankment	Culvert outlet	Shoulder/Ditch
Extent of Erosion	Minor	Moderate	Severe	

SECTION 4. RILL, GULLY, OR SURFACE DITCH EROSION

Location	Left Bank	Right Bank			
Average Width		feet	(Top width + Bottom width)/2		
Depth		feet			
Length		feet			
Height of streambank	< 3'	3' - 6'	> 6'		
Land use at location	Road	Woodland	Wetland	Res/Comm	Agricultural Idle

SECTION 5. LIVESTOCK ACCESS

Location	Left Bank	Right Bank		
Length of erosion	< 10'	10' - 25'	26' - 100'	> 100'
Height of streambank	< 3'	3' - 6'	> 6'	
Vegetation cover	Bare	Sparse vegetation	Stable vegetation	

SECTION 6. UPLAND NUTRIENT SOURCES

Location	Left Bank	Right Bank		
Cropland Erosion/Runoff	Conventional Tillage		Manure Spreading	Plowing perpendicular to stream
Manure in Stream	None	Some Evident	Extensive Amount	
Manure Storage	Y / N	How far from top of streambank?		feet
Feedlot Area		acres	Paved	%
Animal Operation Type	Dairy	Hog	Beef	Other

SECTION 7. TILE OUTLETS

Location	Left Bank	Right Bank	Erosion	Y / N
Pipe diameter		inches		
Pipe Material	Plastic	Clay	Metal	Concrete Other
Height above Stream Bottom	0" - 6"	6" - 12"	12" - 36"	> 36"
Discharge Color	Clear	Green	Cloudy/Milky	Very Muddy Black
Discharge Odor	None	Musty	Ammonia/eggs	Chemical/oil Sewage

SECTION 8. STREAMBANK EROSION

Location	Left Bank	Right Bank		
Length of erosion	< 10'	10' - 25'	26' - 100'	> 100'
Height of streambank	< 3'	3' - 6'	> 6'	
Severity of Erosion	Some Bare Bank	Mostly Bare Bank	Bare bank w/ Rills	Washout
Location of Erosion	Toe	High Water Mark	Top of Bank	Entire Bank

SECTION 9. URBAN RUNOFF

Runoff source	Residential lawn	Golf Course	Park	Other
Runoff source location	Left bank	Right Bank		

SECTION 10. OTHER

Location	Left Bank	Right Bank
Description (write below)		