

HABITAT QUALITY ASSESSMENT

Date:		Site Number:	
School Name:		Class:	
Student Names:		Creek/Drain Name:	

Follow instructions in Habitat Quality Assessment booklet.

DISSOLVED OXYGEN

TRIAL	dO ²	Temperature
1	mg/l	EC
2	mg/l	EC
3	mg/l	EC
Total		
Average	$\div 3 =$	

Grade	
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pH

TRIAL	pH
1	
2	
3	
Total	
Average	$\div 3 =$

Grade	
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TURBIDITY

CHECK ONE:	<input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Opaque
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Grade	
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NOTES:

WILDLIFE

NAME	U = PRESENT	EVIDENCE
Frog / Toad / Tadpole		
Snake		
Butterfly / Moth		
Bird		
Squirrel		
Chipmunk		
Raccoon		
Fish		
Total U		

Grade	
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NOTES:

POTENTIAL POLLUTION

POSSIBLE SOURCES	U =PRESENT
Trash in Stream	
Salt from Road	
Stormwater Drain or Tile Outlet	
Pesticides or Fertilizer from Lawn or Field	
Bare Soil near Stream	
Erosion of Banks	
Septic System	
Livestock Access to Stream	
Total U	

Grade	
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NOTES:

CHANNEL FEATURES

FEATURE	U =PRESENT	Y=ABSENT	NUMBER
RIFFLE			
POOL			
RUN			
Total U			

Grade	
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NOTES:

STREAM BOTTOM

SIZE	CLASS	TRIAL (U IN SIZE BOX)										TOTAL
		1	2	3	4	5	6	7	8	9	10	
<0.3 cm, slimy	SILT											
<0.3 cm, gritty	SAND											
0.3-5 cm	GRAVEL											
5-25 cm	COBBLE											
>25 cm	BOULDER											
TOTAL GRAVEL, COBBLE AND BOULDER												

Grade	
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SHELTER IN STREAM

TYPE OF SHELTER	U =PRESENT	Y=ABSENT	NUMBER
Undercut Bank			
Boulders / Cobble			
Stump / Branches			
Plants in stream / on edge			
Total U			

Grade	
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NOTES:

SHADING

TRIAL	% SHADE		
1			
2			
3			
4			
Total		$\div 4 =$	%

Grade	
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NOTES:

BANK VEGETATION

TRIAL	# STEPS		
1			
2			
Total		$\div 2 =$	

Grade	
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NOTES: