



Riparian Habitat Condition Assessment

Gentemann Property

Report Date: 4/12/2007

Reach ID: rGENT*319

Survey date: 9/5/06 Length: 678 feet along Mitchell Creek

EPA Rapid Assessment Scores	Supplemental Information	Management Issues
Epifaunal Substrate/ Available Cover: 13 /20	Vegetative Stream Shading Left Bank: 80% Right Bank: 80%	
Embeddedness: 10 /20 <i>(high gradient)</i>	Riparian Vegetative Buffer Width Left Bank: 12 m. Right Bank: 12 m.	
Velocity/Depth Regimes: 6 /20 <i>(high gradient)</i>	Bank Slope Left Bank: Steep Right Bank: Steep	
Sediment Deposition: 7 /20	Large Woody Debris count Small (<i>diameter 10 cm. to 30 cm.</i>) 36 Medium (<i>diameter 30 cm. to 60 cm.</i>) 27 Large (<i>diameter >60 cm.</i>) 24	
Channel Flow Status: 6 /20	Has LWD been placed? no	
Channel Alteration: 10 /20		
Frequency of Riffles or Bends: 9 /20 <i>(high gradient)</i>		
Bank Stability Left Bank: 4 /10 Right Bank: 3 /10		
Vegetative Protection Left Bank: 8 /10 Right Bank: 8 /10		
Riparian Vegetation Zone Width Left Bank: 10 /10 Right Bank: 10 /10		
Total Score: 104 /200		
Overall Condition: Fair		
	Field Notes endpoint. Narrow U-shaped valley, medium constraint, no fish, frogs seen, deeply incised channels, litter, low invasives, heavily used trails	





Riparian Habitat Condition Assessment

Gentemann Property

Report Date: 4/12/2007

Reach ID: rGENT*325 Survey date: 9/5/06 Length: 722 feet along Mitchell Creek

EPA Rapid Assessment Scores	Supplemental Information	Management Issues
Epifaunal Substrate/ Available Cover: 13 /20	Vegetative Stream Shading Left Bank: 85% Right Bank: 85%	
Embeddedness: 14 /20 <i>(high gradient)</i>	Riparian Vegetative Buffer Width Left Bank: 12 m. Right Bank: 12 m.	
Velocity/Depth Regimes: 5 /20 <i>(high gradient)</i>	Bank Slope Left Bank: Steep Right Bank: Steep	
Sediment Deposition: 9 /20	Large Woody Debris count Small (<i>diameter 10 cm. to 30 cm.</i>) 40	
Channel Flow Status: 6 /20	Medium (<i>diameter 30 cm. to 60 cm.</i>) 25	
Channel Alteration: 13 /20	Large (<i>diameter >60 cm.</i>) 29	
Frequency of Riffles or Bends: 9 /20 <i>(high gradient)</i>	Has LWD been placed? no	
Bank Stability Left Bank: 6 /10 Right Bank: 6 /10	Field Notes endpoint. Narrow U-shaped valley, medium constraint, fish and frogs seen, deeply incised channels, litter, low invasives, heavily used trails, eroded floodplain	
Vegetative Protection Left Bank: 8 /10 Right Bank: 8 /10		
Riparian Vegetation Zone Width Left Bank: 10 /10 Right Bank: 10 /10		
Total Score: 117 /200 Overall Condition: Fair		





Riparian Habitat Condition Assessment

Gentemann Property

Report Date: 4/12/2007

Reach ID: rGENT*330 Survey date: 9/5/06 Length: 1,273 feet along Mitchell Creek tributary

EPA Rapid Assessment Scores	Supplemental Information	Management Issues
Epifaunal Substrate/ Available Cover: 16 /20	Vegetative Stream Shading Left Bank: 85% Right Bank: 90%	
Embeddedness: 16 /20 <i>(high gradient)</i>	Riparian Vegetative Buffer Width Left Bank: 12 m. Right Bank: 12 m.	
Velocity/Depth Regimes: 10 /20 <i>(high gradient)</i>	Bank Slope Left Bank: Steep Right Bank: Steep	
Sediment Deposition: 14 /20	Large Woody Debris count Small <i>(diameter 10 cm. to 30 cm.)</i> 56	
Channel Flow Status: 7 /20	Medium <i>(diameter 30 cm. to 60 cm.)</i> 39	
Channel Alteration: 15 /20	Large <i>(diameter >60 cm.)</i> 32	
Frequency of Riffles or Bends: 15 /20 <i>(high gradient)</i>	Has LWD been placed? no	
Bank Stability Left Bank: 8 /10 Right Bank: 7 /10	Field Notes endpoint- narrow V-shaped valley, heavy constraint, no fish, litter, low invasives, high gradient plunge pools	
Vegetative Protection Left Bank: 8 /10 Right Bank: 8 /10		
Riparian Vegetation Zone Width Left Bank: 10 /10 Right Bank: 10 /10		
Total Score: 144 /200 Overall Condition: Good		

