



Riparian Habitat Condition Assessment

Fanno Creek Natural Area

Report Date: 4/12/2007

Reach ID: rFCNA*35

Survey date: 7/17/06 Length: 252 feet along Fanno Creek

EPA Rapid Assessment Scores	Supplemental Information	Management Issues						
<table border="1"> <tr> <td>Epifaunal Substrate/ Available Cover:</td> <td>7 /20</td> </tr> </table>	Epifaunal Substrate/ Available Cover:	7 /20	Vegetative Stream Shading Left Bank: 70% Right Bank: 80%					
Epifaunal Substrate/ Available Cover:	7 /20							
<table border="1"> <tr> <td>Pool Substrate Characterization: <i>(low gradient)</i></td> <td>7 /20</td> </tr> </table>	Pool Substrate Characterization: <i>(low gradient)</i>	7 /20	Riparian Vegetative Buffer Width Left Bank: 0 m. Right Bank: 10 m.					
Pool Substrate Characterization: <i>(low gradient)</i>	7 /20							
<table border="1"> <tr> <td>Pool Variability: <i>(low gradient)</i></td> <td>1 /20</td> </tr> </table>	Pool Variability: <i>(low gradient)</i>	1 /20	Bank Slope Left Bank: not recorded Right Bank: not recorded					
Pool Variability: <i>(low gradient)</i>	1 /20							
<table border="1"> <tr> <td>Sediment Deposition:</td> <td>3 /20</td> </tr> </table>	Sediment Deposition:	3 /20	Large Woody Debris count					
Sediment Deposition:	3 /20							
<table border="1"> <tr> <td>Channel Flow Status:</td> <td>6 /20</td> </tr> </table>	Channel Flow Status:	6 /20	Small <i>(diameter 10 cm. to 30 cm.)</i> not recorded					
Channel Flow Status:	6 /20							
<table border="1"> <tr> <td>Channel Alteration:</td> <td>10 /20</td> </tr> </table>	Channel Alteration:	10 /20	Medium <i>(diameter 30 cm. to 60 cm.)</i> not recorded					
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<table border="1"> <tr> <td>Channel Sinuosity: <i>(low gradient)</i></td> <td>10 /20</td> </tr> </table>	Channel Sinuosity: <i>(low gradient)</i>	10 /20	Large <i>(diameter >60 cm.)</i> not recorded					
Channel Sinuosity: <i>(low gradient)</i>	10 /20							
<table border="1"> <tr> <td>Bank Stability</td> <td></td> </tr> <tr> <td> Left Bank:</td> <td>2 /10</td> </tr> <tr> <td> Right Bank:</td> <td>2 /10</td> </tr> </table>	Bank Stability		Left Bank:	2 /10	Right Bank:	2 /10	Has LWD been placed? not recorded	
Bank Stability								
Left Bank:	2 /10							
Right Bank:	2 /10							
<table border="1"> <tr> <td>Vegetative Protection</td> <td></td> </tr> <tr> <td> Left Bank:</td> <td>3 /10</td> </tr> <tr> <td> Right Bank:</td> <td>7 /10</td> </tr> </table>	Vegetative Protection		Left Bank:	3 /10	Right Bank:	7 /10		
Vegetative Protection								
Left Bank:	3 /10							
Right Bank:	7 /10							
<table border="1"> <tr> <td>Riparian Vegetation Zone Width</td> <td></td> </tr> <tr> <td> Left Bank:</td> <td>3 /10</td> </tr> <tr> <td> Right Bank:</td> <td>8 /10</td> </tr> </table>	Riparian Vegetation Zone Width		Left Bank:	3 /10	Right Bank:	8 /10		
Riparian Vegetation Zone Width								
Left Bank:	3 /10							
Right Bank:	8 /10							
<table border="1"> <tr> <td>Total Score:</td> <td>69 /200</td> </tr> <tr> <td>Overall Condition:</td> <td>Poor</td> </tr> </table>	Total Score:	69 /200	Overall Condition:	Poor	Field Notes endpoint. surveyed both sides of stream. left bank is mostly private			
Total Score:	69 /200							
Overall Condition:	Poor							





Riparian Habitat Condition Assessment

Fanno Creek Natural Area

Report Date: 4/12/2007

Reach ID: rFCNA*50

Survey date: 7/19/06 Length: 81 feet along Fanno Creek

EPA Rapid Assessment Scores	Supplemental Information	Management Issues
Epifaunal Substrate/ Available Cover: 13 /20	Vegetative Stream Shading Left Bank: 75% Right Bank: 90%	
Embeddedness: 11 /20 <i>(high gradient)</i>	Riparian Vegetative Buffer Width Left Bank: 10 m. Right Bank: 6 m.	
Velocity/Depth Regimes: 8 /20 <i>(high gradient)</i>	Bank Slope Left Bank: not recorded Right Bank: not recorded	
Sediment Deposition: 7 /20	Large Woody Debris count Small (<i>diameter 10 cm. to 30 cm.</i>) not recorded	
Channel Flow Status: 8 /20	Medium (<i>diameter 30 cm. to 60 cm.</i>) not recorded	
Channel Alteration: 7 /20	Large (<i>diameter >60 cm.</i>) not recorded	
Frequency of Riffles or Bends: 15 /20 <i>(high gradient)</i>	Has LWD been placed? not recorded	
Bank Stability Left Bank: 4 /10 Right Bank: 3 /10		
Vegetative Protection Left Bank: 3 /10 Right Bank: 4 /10	Field Notes endpoint of reach	
Riparian Vegetation Zone Width Left Bank: 8 /10 Right Bank: 3 /10		
Total Score: 94 /200 Overall Condition: Fair		





Riparian Habitat Condition Assessment

Fanno Creek Natural Area

Report Date: 4/12/2007

Reach ID: rFCNA*55

Survey date: 7/19/06 Length: 458 feet along Columbia Creek

EPA Rapid Assessment Scores	Supplemental Information	Management Issues																																				
<table border="1"> <tr><td>Epifaunal Substrate/ Available Cover:</td><td>7 /20</td></tr> <tr><td>Pool Substrate Characterization: (low gradient)</td><td>5 /20</td></tr> <tr><td>Pool Variability: (low gradient)</td><td>5 /20</td></tr> <tr><td>Sediment Deposition:</td><td>6 /20</td></tr> <tr><td>Channel Flow Status:</td><td>6 /20</td></tr> <tr><td>Channel Alteration:</td><td>16 /20</td></tr> <tr><td>Channel Sinuosity: (low gradient)</td><td>10 /20</td></tr> <tr><td>Bank Stability</td><td></td></tr> <tr><td> Left Bank:</td><td>1 /10</td></tr> <tr><td> Right Bank:</td><td>1 /10</td></tr> <tr><td>Vegetative Protection</td><td></td></tr> <tr><td> Left Bank:</td><td>4 /10</td></tr> <tr><td> Right Bank:</td><td>4 /10</td></tr> <tr><td>Riparian Vegetation Zone Width</td><td></td></tr> <tr><td> Left Bank:</td><td>1 /10</td></tr> <tr><td> Right Bank:</td><td>10 /10</td></tr> <tr><td>Total Score:</td><td>76 /200</td></tr> <tr><td>Overall Condition:</td><td>Poor</td></tr> </table>	Epifaunal Substrate/ Available Cover:	7 /20	Pool Substrate Characterization: (low gradient)	5 /20	Pool Variability: (low gradient)	5 /20	Sediment Deposition:	6 /20	Channel Flow Status:	6 /20	Channel Alteration:	16 /20	Channel Sinuosity: (low gradient)	10 /20	Bank Stability		Left Bank:	1 /10	Right Bank:	1 /10	Vegetative Protection		Left Bank:	4 /10	Right Bank:	4 /10	Riparian Vegetation Zone Width		Left Bank:	1 /10	Right Bank:	10 /10	Total Score:	76 /200	Overall Condition:	Poor	<p>Vegetative Stream Shading Left Bank: 40% Right Bank: 70%</p> <p>Riparian Vegetative Buffer Width Left Bank: 3 m. Right Bank: 10 m.</p> <p>Bank Slope Left Bank: not recorded Right Bank: not recorded</p> <p>Large Woody Debris count Small (diameter 10 cm. to 30 cm.) not recorded Medium (diameter 30 cm. to 60 cm.) not recorded Large (diameter >60 cm.) not recorded</p> <p>Has LWD been placed? not recorded</p>	<p>Management Issues Stream Bank Failure</p>
Epifaunal Substrate/ Available Cover:	7 /20																																					
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Right Bank:	10 /10																																					
Total Score:	76 /200																																					
Overall Condition:	Poor																																					
<p>Field Notes endpoint- 50 feet upstream of boundary</p>																																						





Riparian Habitat Condition Assessment

Fanno Creek Natural Area

Report Date: 4/12/2007

Reach ID: rFCNA*58

Survey date: 7/24/06 Length: 111 feet along Columbia Creek

EPA Rapid Assessment Scores	Supplemental Information	Management Issues
Epifaunal Substrate/ Available Cover: 6 /20	Vegetative Stream Shading Left Bank: 80% Right Bank: 90%	Culvert (on surveyed stream)
Pool Substrate Characterization: 6 /20 (low gradient)	Riparian Vegetative Buffer Width Left Bank: 10 m. Right Bank: 12 m.	
Pool Variability: 3 /20 (low gradient)	Bank Slope Left Bank: not recorded Right Bank: not recorded	
Sediment Deposition: 6 /20	Large Woody Debris count	
Channel Flow Status: 5 /20	Small (diameter 10 cm. to 30 cm.) not recorded	
Channel Alteration: 15 /20	Medium (diameter 30 cm. to 60 cm.) not recorded	
Channel Sinuosity: 14 /20 (low gradient)	Large (diameter >60 cm.) not recorded	
Bank Stability Left Bank: 2 /10 Right Bank: 2 /10	Has LWD been placed? not recorded	
Vegetative Protection Left Bank: 6 /10 Right Bank: 7 /10	Field Notes endpoint	
Riparian Vegetation Zone Width Left Bank: 8 /10 Right Bank: 10 /10		
Total Score: 90 /200 Overall Condition: Fair		

