



Riparian Habitat Condition Assessment

Jensen Natural Area

Report Date: 4/12/2007

Reach ID: rJEN*216

Survey date: 8/15/06 Length: 461 feet along Tryon Creek

EPA Rapid Assessment Scores	Supplemental Information	Management Issues						
<table border="1"> <tr><td>Epifaunal Substrate/ Available Cover:</td><td>13 /20</td></tr> </table>	Epifaunal Substrate/ Available Cover:	13 /20	Vegetative Stream Shading Left Bank: 35% Right Bank: 50%	Stream Bank Erosion				
Epifaunal Substrate/ Available Cover:	13 /20							
<table border="1"> <tr><td>Pool Substrate Characterization:</td><td>11 /20</td></tr> <tr><td colspan="2"><i>(low gradient)</i></td></tr> </table>	Pool Substrate Characterization:	11 /20	<i>(low gradient)</i>		Riparian Vegetative Buffer Width Left Bank: 6 m. Right Bank: 15 m.			
Pool Substrate Characterization:	11 /20							
<i>(low gradient)</i>								
<table border="1"> <tr><td>Pool Variability:</td><td>8 /20</td></tr> <tr><td colspan="2"><i>(low gradient)</i></td></tr> </table>	Pool Variability:	8 /20	<i>(low gradient)</i>		Bank Slope Left Bank: Steep Right Bank: Steep			
Pool Variability:	8 /20							
<i>(low gradient)</i>								
<table border="1"> <tr><td>Sediment Deposition:</td><td>11 /20</td></tr> </table>	Sediment Deposition:	11 /20	Large Woody Debris count					
Sediment Deposition:	11 /20							
<table border="1"> <tr><td>Channel Flow Status:</td><td>7 /20</td></tr> </table>	Channel Flow Status:	7 /20	Small <i>(diameter 10 cm. to 30 cm.)</i> 36					
Channel Flow Status:	7 /20							
<table border="1"> <tr><td>Channel Alteration:</td><td>7 /20</td></tr> </table>	Channel Alteration:	7 /20	Medium <i>(diameter 30 cm. to 60 cm.)</i> 18					
Channel Alteration:	7 /20							
<table border="1"> <tr><td>Channel Sinuosity:</td><td>13 /20</td></tr> <tr><td colspan="2"><i>(low gradient)</i></td></tr> </table>	Channel Sinuosity:	13 /20	<i>(low gradient)</i>		Large <i>(diameter >60 cm.)</i> 10			
Channel Sinuosity:	13 /20							
<i>(low gradient)</i>								
<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>6 /10</td></tr> </table>	Bank Stability		Left Bank:	2 /10	Right Bank:	6 /10	Has LWD been placed? no	
Bank Stability								
Left Bank:	2 /10							
Right Bank:	6 /10							
<table border="1"> <tr><td>Vegetative Protection</td><td></td></tr> <tr><td>Left Bank:</td><td>2 /10</td></tr> <tr><td>Right Bank:</td><td>4 /10</td></tr> </table>	Vegetative Protection		Left Bank:	2 /10	Right Bank:	4 /10		
Vegetative Protection								
Left Bank:	2 /10							
Right Bank:	4 /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>10 /10</td></tr> </table>	Riparian Vegetation Zone Width		Left Bank:	3 /10	Right Bank:	10 /10		
Riparian Vegetation Zone Width								
Left Bank:	3 /10							
Right Bank:	10 /10							
<table border="1"> <tr><td>Total Score:</td><td>97 /200</td></tr> <tr><td>Overall Condition:</td><td>Fair</td></tr> </table>	Total Score:	97 /200	Overall Condition:	Fair	Field Notes endpoint- broad u shaped valley-large- trout present -some heavy erosion along banks- glide- BES restoration area			
Total Score:	97 /200							
Overall Condition:	Fair							

