

REACH 15

T05S-R41E-S17LL

REACH 15

**Valley and Channel Summary**

Valley Characteristics (Percent Reach Length)

<u>Narrow Valley Floor</u>		<u>Broad Valley Floor</u>	
Steep V-shape	0%	Constraining Terraces	0%
Moderate V-shape	0%	Multiple Terraces	0%
Open V-shape	0%	Wide Floodplain	100%
Valley Width Index	85.7	VWI Range:	15 - 186.8

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	56%	Single Channel	0%
Bedrock	0%	Multiple Channel	0%
Terrace	0%	Braided Channel	0%
Alt. Terrace/Hill	44%		
Landuse	0%		

Channel Characteristics

<u>Type</u>	<u>Length (m)</u>	<u>Area (m2)</u>	<u>Dry Units</u>
Primary	19,179	198,785	0
Secondary	24,278	98,757	45

Channel Dimensions (m)

<u>Wetted</u>	<u>Active</u>	<u>Floodprone</u> n = 81	<u>First Terrace</u> n = 27
Width: 5.9	Width: 14.2	21.3 ( 13.9 - 27.1 )	26.6 ( 17.5 - 44.55 )
Depth: 0.32	Height: 0.4	0.8 ( 0.4 - 1.1 )	1.7 ( 1.55 - 1.85 )

W:D ratio: 41.7  
Stream Flow Type: LF  
Average Unit Gradient: 2.6%  
Water temperature (°C): 6.0 - 17.0

Entrenchment (ACW:FPW ratio): 1.5  
Habitat Units/100m (total channel length): 4.5  
Habitat Units/100m (primary channel length): 10.2

**Riparian, Bank, and Wood Summary**

	<u>Primary</u>	<u>Secondary</u>
Land Use:	LG	ST
Riparian Vegetation:	C	S

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding:	34%	Reach avg: 54%
Undercut Banks:	3%	Range: 14 - 100

Large Wood Debris

	<u>Total</u>	<u>Total / 100m primary channel</u>
All pieces (>=3m x 0.15m):	5,184	27.0
Volume (m <sup>3</sup> ):	3,279	17.1
Key pieces (>=12m x 0.60m):	126	0.7