

REACH 1

T13S-R7W-S29SW

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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 avg: 8.0 range: 8.0-8.0

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	0	Single Channel	100
Bedrock	0	Multiple Channel	0
Terrace	0	Braided Channel	0
Alt. Terrace/Hill	0		
Landuse	0		

Channel Characteristics

<u>Type</u>	<u>Length(m)</u>	<u>Area (m2)</u>	<u>Dry Units</u>
Primary	460	2,414	0
Secondary	0	0	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	5.1	Width	6.9	34.1	8.3
Depth	0.59	Height	0.8	1.5	1.1
		W:D ratio	9.6	Entrenchment	5.3

Stream Flow Type: MF Water Temp: 0.0-0.0°C  
 Avg. Unit Gradient: 1.3% Habitat Units/100m: 5.0

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	ST	
Riparian Vegetation:	D30	S

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding	0%	Reach avg: 0%
Undercut Banks	0%	Range: 0- 0

Large Woody Debris

	<u>Total</u>	<u>Total/100m</u>
All pieces (≥3m x 0.15m)	41	8.9
Volume (m <sup>3</sup> )	112	24.3
Key pieces (≥10m x 0.6m)	8	1.7

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HABITAT DETAIL

Habitat Type	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m <sup>2</sup> )	Large Boulders (#>0.5m)	Substrate Percent Wetted Area					
							S/O	Snd	Grvl	Cbbl	Bldr	Bdrk
CULVERT CROSSING	1	14	2.8	0.45	39	0	0	47	47	5	0	0
POOL-DAMMED	1	20	10.1	1.10	199	0	5	42	42	11	0	0
POOL-LATERAL SCOUR	9	112	5.4	0.95	611	0	6	46	42	5	0	0
RAPID/BOULDERS	1	22	5.1	0.20	114	0	0	67	0	33	0	0
RIFFLE	10	292	5.0	0.33	1,451	0	4	24	60	11	1	0
<b>Total:</b>	<b>22</b>	<b>460</b>	<b>5.3</b>	<b>0.62</b>	<b>2,414</b>	<b>0</b>	<b>Avg: 5</b>	<b>37</b>	<b>49</b>	<b>10</b>	<b>0</b>	<b>0</b>

HABITAT SUMMARY

Habitat Group	No. Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area (m <sup>2</sup> )	Wetted Area Percent	Large Boulders Number	Boulders #/100m <sup>2</sup>
Dammed & BW Pools	1	20	10.1	1.10	199	8.24	0	0.0
Scour Pools	9	112	5.4	0.95	611	25.32	0	0.0
Glides	0	0	-	-	0	0.00	0	0.0
Riffles	10	292	5.0	0.33	1,451	60.10	0	0.0
Rapids	1	22	5.1	0.20	114	4.71	0	0.0
Cascades	0	0	-	-	0	0.00	0	0.0
Step/Falls	0	0	-	-	0	0.00	0	0.0
Dry	0	0	-	-	0	0.00	0	0.0

POOL SUMMARY

All Pools	<u>Total</u>	10	<u>#/Km</u>	21.7
Pools ≥1m deep:		4		8.7
Complex pools (LWD pieces ≥3):		4		8.7
Pool Frequency (channel widths/pool):		6.6		
Residual pool depth (avg)		0.71m		

STREAM SUMMARY

SEELEY CREEK #1 (LOWER)

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m <sup>2</sup> )	Substrate Percent Wetted Area						Total Large Boulder
					S/O	Sand	Grvl	Cbbl	Bldr	Bdrk	
22	460	5.3	0.62	2,414	5	37	49	10	0	0	0

Wetted Area

Habitat Group	(m <sup>2</sup> )	Percent
Scour Pool	611	25.3
Backwater Pools	199	8.2
Glide	0	0.0
Riffle	1,451	60.1
Rapid	114	4.7
Cascade	0	0.0
Step	0	0.0
Dry	0	0.0

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