

Data Sheet 2: Stream Reach Survey

Wildlife:

Birds

Type, Species or Track/Sign	# or Comments

**Herps
(reptiles and amphibians)**

Type, Species or Track/Sign	# or Comments

Mammals

Type, Species or Track/Sign	# or Comments

Vegetation:

Type	Abundant	Moderate	Sparse	% of reach covered	Species present
Conifer trees					
Deciduous trees					
Shrubs					
Herbaceous					
Grasses					

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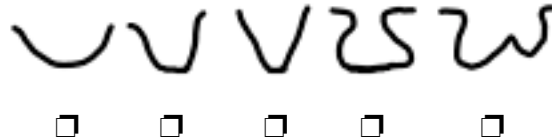
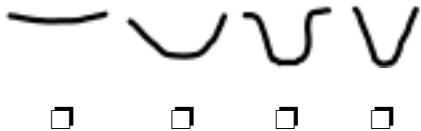
Width of Riparian Zone: Looking downstream: Left Bank **0-15** **15-30** **30+**
 (metres) Right Bank

Overhead Canopy: (at least 1m above water) 0-25% 25-50% 50-75% 75-100%

Cross Section Shape:

Valley

Channel



Channel Characteristics:

Gradient Low Moderate Steep _____%
Sinuosity Straight Meandering Braided
 Channel Length: _____m *divided by* Valley Length _____m *equals* Sinuosity _____

Major Stream Type: AA+ A B C D DA E F G

Stream Banks:

Vegetation cover: Abundant Moderate Sparse _____%

Bank stability: Erosion in some areas Erosion in many areas Intact
 Collapsed in some areas Collapsed in many areas

Artificial protection: none < 25% 25-50% >50%

Describe and evaluate _____

Bank steepness: (What percent of the total length is represented by each?)

<45° _____% >45° _____% 90° _____% undercut > 90° _____%

Reach Habitat:

or length of pool _____ divided by # or length of riffle _____ = pool : riffle ratio _____

Large woody debris: Abundant Moderate Sparse None
Small organic debris: Abundant Moderate Sparse None
Overhanging debris: Abundant Moderate Sparse None
Overhanging bank: Abundant Moderate Sparse None

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Overhanging vegetation: ($< 1\text{m}$ above water) Abundant Moderate Sparse None

Aquatic vegetation: Abundant Moderate Sparse None

Boulders: Abundant Moderate Sparse None

Human Alterations:

Dredging	<input type="checkbox"/>	Garbage/litter	<input type="checkbox"/>	Culverts	<input type="checkbox"/>
Channelization	<input type="checkbox"/>	Toxic substances	<input type="checkbox"/>	Pipes	<input type="checkbox"/>
Diversions	<input type="checkbox"/>	Sewage	<input type="checkbox"/>	Detention ponds	<input type="checkbox"/>
Dams	<input type="checkbox"/>	Bridges	<input type="checkbox"/>	Storm drains	<input type="checkbox"/>
Weirs	<input type="checkbox"/>	Roads	<input type="checkbox"/>	Other_____	<input type="checkbox"/>
Dikes	<input type="checkbox"/>	Other_____	<input type="checkbox"/>	Other_____	<input type="checkbox"/>

Land Uses:

(Enter "1" if present, "2" if you think the land use is impacting the stream.)

residential	_____	forestry	_____	grazing	_____
commercial	_____	mining	_____	crops	_____
industrial	_____	recreation	_____	irrigation	_____

Comments On Stream Reach: