Site code: _____ **Collection Date:** _____/_____/_____

Location Name: _____

Sampling Team: **Name** **Organisation**

_____ _____
_____ _____
_____ _____

Site Location: AMG coordinates: easting: _____ northing: _____
Confirmed: easting: _____ northing: _____

Map Details: Map Name: _____ Number: _____
Map Scale: _____ Map Zone: _____

Site Details: Elevation: _____ m
(Office) Slope: _____ m Latitude: _____
Distance from Source: _____ m Longitude: _____
Mean Annual Rainfall: _____ mm

Access Details: _____

Access Route:

Land Owner/Manager:

Name: _____ **Permisson/key required:**
Address: _____ granted verbally [ ]
Phone: _____ Fax: _____ in writing [ ]
Comments: _____ notify prior to sampling: [ ]
_____ key needed for access: [ ]

Office: Entered on Computer [ ] By: _____ date: _____
" " QC [ ] By: date:

Site code: _____ **Collection Date:** _____/_____/_____

ATTRIBUTES OF THE SITE

Topography Floodplain | Broad Valley | Steep Valley | Gorge

Water Level No flow | Low | Moderate | High | Flood

Shading of river None | Low | Moderate | High

Riparian Vegetation

Trees > 10m Present Absent

Percentage Cover		Dominant Species
Trees <10m	_____ %	_____
Shrubs/ vines/ rushes	_____ %	_____
Grasses/ herbs/ ferns	_____ %	_____

Stream Width

Minimum: _____ m
Maximum: _____ m
Mode: _____ m

Percentage Cover in 100m reach

Algae _____ %
Moss _____ %
Macrophytes _____ %

WATER QUALITY

Collection Time (24hr): _____:_____

Water Quality Measurements

Temperature	_____	^{o}C
Conductivity	_____	µS/cm
Turbidity	_____	NTU
Dissolved O_2	_____	mg/L
pH	_____	
Alkalinity	_____	

Nitrogen/phosphorus sample taken [ ]

BIRD'S EYE VIEW OF SITE

Land use

Examples: conservation area, native forest, recreation, forestry, rural-residential, grazing, cropping, industrial, commercial, residential.

(looking downstream)

Left bank: _____ Right bank: _____

Comments: _____

Site code: _____ **Collection Date:** _____/_____/_____

ATTRIBUTES OF THE RIFFLE AND EDGE HABITATS

RIFFLE Picked at site: Yes / No

Collector: _____ **Sorter:** _____

Description of natural substrate :

Bedrock	_____	%
Boulder (>200mm)	_____	%
Cobble (60-200mm)	_____	%
Pebble (20-60mm)	_____	%
Gravel (2-20mm)	_____	%
Sand (0.02-2mm)	_____	%
Silt (0.002-0.02mm)	_____	%
Clay (<0.002mm)	_____	%
Total	_____	%

Depth:

Min:	_____	m
Max:	_____	m
Mode:	_____	m

Percentage in habitat:

Detritus Cover	_____	%

EDGE/BACKWATER Picked at site: Yes / No

Collector: _____ **Sorter:** _____

Description of natural substrate :

Bedrock	_____	%
Boulder (>200mm)	_____	%
Cobble (60-200mm)	_____	%
Pebble (20-60mm)	_____	%
Gravel (2-20mm)	_____	%
Sand (0.02-2mm)	_____	%
Silt (0.002-0.02mm)	_____	%
Clay (<0.002mm)	_____	%
Total	_____	%

Percentage in habitat:

Detritus Cover	_____	%
Bank Overhang	_____	%
Trailing Bank Veg.	_____	%
Total Macrophytes	_____	%
Sumberged	_____	%
Emergent	_____	%
Floating	_____	%

COMMENTS

Please comment on any exceptional circumstances that may affect sampling or sorting efficiency eg. Extreme weather conditions - raining, frost, low light, diffculties in getting an adequate sample etc. Any exceptional or unusual features of the edge/riffle habitat. Any abnormality with water quality data.

Sampling Conditions: _____

_____

Habitat Conditions: _____

_____

Water quality: _____

_____

Other: _____

_____

_____

If sample/s not picked in the field

RIFFLE where: _____ How long after sampling: _____

EDGE where: _____ How long after sampling: _____

Site code: _____ **Collection Date:** _____/_____/_____

A Visual Assessment of Disturbance Related to Human Activities

Below is an assessment of site disturbance broken down into a number of categories. Please make comments on any visual observations that indicate human disturbance for each category and give a ranking. Examples of relevant observations are listed below each category. However, this list is by no means complete and should be used as a guide only. In making your judgement, take into account the type of stream and geographic region you are sampling in. Once this is complete add up all the category rankings to give a grade, out of ten, for the site as a whole.
In the field please record any observations relating to catchment disturbance. A ranking will be assigned back at the office.

Ranking				
	0	= no evidence of disturbance	3	= high disturbance
	1	= little disturbance	4	= extreme disturbance
	2	= moderate disturbance		

Site Assessment

Water Quality Ranking 0 1 2 3 4 ☐

Examples: odour, water clarity, disruption of the natural hydrology, presence of foam from detergents, oil.

Comments: _____

Instream Ranking 0 1 2 3 4 ☐

Examples include: change in substrate eg. rock piles or sedimentation from road construction or other development pipes, rubbish, filamentous algae, alien fish species, invasion by exotic aquatic plants.

Comments: _____

Riparian Zone Ranking 0 1 2 3 4 ☐

Examples include: devegetation, exotic plant invasion bank degradation, point sources.

Comments: _____

Catchment Assessment

Examples include: mine, STP, tip, dam, industry, logging, agriculture, clearing, salinity, grazing, urban development.

Comments: _____

Office Work Ranking 0 1 2 3 4 ☐

Comments: _____