

Field datasheet

Transect 1

Assessed over 30m

Basin number Reach number Measuring site number

Bank side # Left Right
 # Looking downstream

Photos Identifying a b Context c d
 Record photo number off camera

1. Width of Vegetation (pg 13)

Riparian width (m) Indicative Species

Adjacent veg width (m) Geomorphic

Cleared

Area of transect = 30m x = m²

1% = m² 5% = m²

10% = m²

2. E VC (pg 16)

	Previous Yr	Current Yr
Bioregion	<input type="text"/>	<input type="text"/>
EVC	<input type="text"/>	<input type="text"/>
Original* EVC	<input type="text"/>	<input type="text"/>

* Only if current EVC = 58 or 997
 Refer to pre-1750 EVCs for original riparian EVC

3. Cover of Weeds (pg 20)

Crown cover

	Tree layer	Shrub layer	Ground layer
0%	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - 10%	<input type="text"/>	<input type="text"/>	<input type="text"/>
11 - 40%	<input type="text"/>	<input type="text"/>	<input type="text"/>
41 - 60%	<input type="text"/>	<input type="text"/>	<input type="text"/>
> 60%	<input type="text"/>	<input type="text"/>	<input type="text"/>

Types of weeds

4. Tree Canopy Cover (pg 22)

Foliage projective cover	Benchmark cover <input type="text"/>	Category	Value*		
			> 70%	30 - 70%	< 30%
Actual cover	<input type="text"/>	<10% benchmark cover	<input type="text"/>	<input type="text"/>	<input type="text"/>
80% mature tree height	<input type="text"/>	10 - < 50% or >150% benchmark cover	<input type="text"/>	<input type="text"/>	<input type="text"/>
Percentage healthy cover	<input type="text"/>	≥ 50% to ≤ 150% benchmark cover	<input type="text"/>	<input type="text"/>	<input type="text"/>
		Not applicable (Treeless EVC)	<input type="text"/>		

Tree Canopy Cover = those trees reaching ≥ 80% of mature tree height (refer EVC benchmark)
 * Estimate proportion of expected healthy canopy cover present;
 Value is reduced if there is disease, dieback or mistletoe infestation

7. Bankfull Width (pg 28)

Lowland

Terrace structure

Confined valley

Undefined channel

Bankfull Width (m)

5. Organic Litter (pg 24)

Benchmark cover <input type="text"/>	Category	Value*	
		≥ 50%	<50%
Actual cover	<10% benchmark cover	<input type="text"/>	<input type="text"/>
Percentage native species cover	10 - < 50% or >150% benchmark cover	<input type="text"/>	<input type="text"/>
	≥ 50% to ≤ 150% benchmark cover	<input type="text"/>	<input type="text"/>

* % cover of litter due to native species

8. Bank Condition (pg 30)

Bank Profile

Vertical* & Undercut	<input type="text"/>
Vertical* with Toe	<input type="text"/>
Gentle Slope	<input type="text"/>

* > 45° slope

Exposed Roots #

> 33% cover	<input type="text"/>
Present	<input type="text"/>
None	<input type="text"/>

Any woody root

0	<input type="text"/>
1	<input type="text"/>
2	<input type="text"/>
3	<input type="text"/>
4	<input type="text"/>

Not assessed on outside meander bend

6. Logs (pg 26)

logs >10cm diameter	Benchmark length <input type="text"/>	Category	Value*	
			≥ 25%	<25%
Adjusted benchmark length	<input type="text"/>	< 10% adjusted benchmark length	<input type="text"/>	<input type="text"/>
Actual length	<input type="text"/>	10 - < 50% adjusted benchmark length	<input type="text"/>	<input type="text"/>
50% Large Tree DBH	<input type="text"/>	≥ 50% adjusted benchmark length	<input type="text"/>	<input type="text"/>

* Length of Large Logs ÷ Adjusted benchmark length

9. Livestock Access (pg 32)

No evidence <input type="checkbox"/>	If yes	damage to vegetation	minor <input type="checkbox"/>	major <input type="checkbox"/>	type of livestock <input type="text"/>
		damage to banks	<input type="checkbox"/>	<input type="checkbox"/>	
Yes <input type="checkbox"/>		pugging	<input type="checkbox"/>	<input type="checkbox"/>	other <input type="text"/>
		manure	<input type="checkbox"/>	<input type="checkbox"/>	
		tracks	<input type="checkbox"/>	<input type="checkbox"/>	

Field datasheet Transect 1 Only

Assessed over 30m

Basin number

Reach number

Measuring site number

1. Understorey (pg 34)

(Native lifeforms)

Lifeform Code	Current Cover/ reproductively mature?	Benchmark Cover	Rule used	Present	Substantially Modified
IT (> 5m)					
MT (> 3m)					
MS (1-5 m)					
SS (< 1m)					
LH (> 0.5m)					
SH (< 0.5m)					
LTG (> 1m)					
MTG (0.1-1m)					
TTG (< 0.1m)					
LNG (> 1m)					
MNG (< 1m)					
HG					
GF					
TRF					
EP					
SC					
BL					
Number of lifeforms					

Definitions

*** Present**
The lifeform's benchmark cover determines which rule is to be used

- If benchmark cover for lifeform is $\geq 10\%$, then; considered 'present' if current cover is $\geq 10\%$ of benchmark cover
- If benchmark cover for lifeform is $< 10\%$, then; considered 'present' if there is at least one reproductively mature specimen observed

Substantially modified
The following requirements must be met even before completing this step;

- Benchmark cover of lifeform $\geq 10\%$; and
- Lifeform deemed present;

The lifeform is 'substantially modified' if current cover is $< 50\%$ of the benchmark cover

Area of transect = 30m x = m²
 1% transect area = m²
 2% transect area = m²

Category [#]	Value [*]
All strata and lifeforms not present	
0 to < 50% of lifeforms present	
$\geq 50\%$ to < 90% lifeforms present	$\geq 50\%$ substantially modified
	< 50% substantially modified
$\geq 90\%$ lifeforms present	$\geq 50\%$ substantially modified
	< 50% substantially modified
	none substantially modified

[#] = Number of lifeforms deemed 'present' ÷ total number of lifeforms considered
^{*} = Number of lifeforms 'substantially modified' ÷ Number lifeforms 'present'

*** X** present / substantially modified
█ not present / not substantially modified

2. Recruitment (pg 38)

(Native woody lifeforms)

Recruitment type?

Natural Planted

Woody lifeforms present[#]

	No. adults	No. juveniles	Adequate [*] recruitment
Canopy Tree (> 5m)			
IT (1-5 m)			
MT (> 3m)			
MS (1-5m)			
SS (< 1m)			
			Total

Place a line through lifeform if not applicable[#]

Proportion adequate recruitment

Definitions

Present
1. Understorey lifeforms need to be 'present' in the Understorey table (above); and
2. Canopy trees are included (if defined in the riparian EVC)

*** Adequate**
1. Number of immature individuals on the site; and
2. Must be $\geq 10\%$ of the mature individuals

Immature Plants
Immature plants do not exhibit any flowering or fruiting

Category	Value
Zero lifeforms with adequate recruitment	Within EVC not driven by episodic events
	Within EVC driven by Clear evidence episodic events No clear evidence
At least 1 lifeform with adequate recruitment	$\leq 35\%$
	> 35 – 80%
	> 80%

Index of Stream Condition
Field datasheet
Transect 2

Assessed over 30m

Basin number Reach number Measuring site number

Bank side # Left Right
Looking downstream

Photos Identifying a b Context c d
Record photo number off camera

1. Width of Vegetation (pg 13)

Riparian width (m) Indicative Species

Adjacent veg width (m) Geomorphic

Cleared

Area of transect = 30m x = m²

1% = m² 5% = m²

10% = m²

2. E VC (pg 16)

	Previous Yr	Current Yr
Bioregion	<input type="text"/>	<input type="text"/>
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Original* EVC	<input type="text"/>	<input type="text"/>

* Only if current EVC = 58 or 997
Refer to pre-1750 EVCs for original riparian EVC

3. Cover of Weeds (pg 20)

Crown cover

	Tree layer	Shrub layer	Ground layer
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1 - 10%	<input type="text"/>	<input type="text"/>	<input type="text"/>
11 - 40%	<input type="text"/>	<input type="text"/>	<input type="text"/>
41 - 60%	<input type="text"/>	<input type="text"/>	<input type="text"/>
> 60%	<input type="text"/>	<input type="text"/>	<input type="text"/>

Types of weeds

4. Tree Canopy Cover (pg 22)

	Category	Value*		
Foliage projective cover		> 70%	30 - 70%	< 30%
Benchmark cover	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Actual cover	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
80% mature tree height	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Percentage healthy cover	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Tree Canopy Cover = those trees reaching ≥ 80% of mature tree height (refer EVC benchmark)
* Estimate proportion of expected healthy canopy cover present;
Value is reduced if there is disease, dieback or mistletoe infestation

7. Bankfull Width (pg 28)

Lowland	<input type="text"/>
Terrace structure	<input type="text"/>
Confined valley	<input type="text"/>
Undefined channel	<input type="text"/>

Bankfull Width (m)

5. Organic Litter (pg 24)

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6. Logs (pg 26)

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50% Large Tree DBH	<input type="text"/>	<input type="text"/>	<input type="text"/>
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		manure	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Field datasheet

Transect 3

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