

Condition + Encroachment Reporting Sheet: RIVERS and STREAMS

River Condition Assessment (RCA) + Encroachment results for: Priority rivers, Other rivers and streams,

Site name/location:		Unique river section reference:	
GPS of MoRPh5	GPS:	River section length:	

Rivers and streams form naturally draining networks within the wider landscape.

A long history of channel modification and artificial water body creation has led to widespread loss of naturally formed and functioning habitats.

The River Condition Assessment (RCA) method requires one or more MoRPh5 sub-reach sample(s) for a longer length of channel, the river(or canal) section, that has consistent condition throughout and is represented by a single line within the Biodiversity Metric tool.

This sheet provides information about the full river (or canal) section length based on a site walkover plus representative RCA (MoRPh5) results for this section.

RCA River Type and Habitat Description for full river section (from walkover survey)

Blank area for RCA River Type and Habitat Description.

THE RESULTS OF THE 32 RCA INDICATORS FOR EACH RIVER SECTION SHOULD BE INSERTED BELOW WITH NOTES TO EXPLAIN RECOMMENDATIONS FOR THE WHOLE CHANNEL LENGTH:

Condition Assessment Criteria		RCA Index values	Notes / Justification
RCA INDEX ID	RCA INDEX NAME	Insert values -4 to 0 OR 0 to 4; Highlight those >2 OR <-2	Explain where significant, the influence of high/low RCA indices on overall river condition
BANK TOP			
B1	Bank top vegetation structure		
B2	Bank top tree feature richness		
B3	Bank top water-related features		
B4	Bank top NNIPS cover		
B5	Bank top managed ground cover		
BANK FACE			
C1	Bank face riparian vegetation structure		
C2	Bank face tree feature richness		
C3	Bank face natural bank profile extent		
C4	Bank face natural bank profile richness		
C5	Bank face natural bank material richness		
C6	Bank face bare sediment extent		
C7	Bank face artificial bank profile extent		
C8	Bank face reinforcement extent		
C9	Bank face reinforcement material severity		
C10	Bank face NNIPS cover		
CHANNEL MARGIN			
D1	Channel margin aquatic vegetation extent		
D2	Channel margin aquatic morphotype		
D3	Channel margin physical feature extent		
D4	Channel margin physical feature richness		
D5	Channel margin artificial features		
CHANNEL BED			
E1	Channel aquatic morphotype richness		
E2	Channel bed tree features richness		
E3	Channel bed hydraulic features richness		
E4	Channel bed natural features extent		
E5	Channel bed natural features richness		
E6	Channel bed material richness		
E7	Channel bed siltation		

E8	<i>Channel bed reinforcement extent</i>		
E9	<i>Channel bed reinforcement severity</i>		
E10	<i>Channel bed artificial features severity</i>		
E11	<i>Channel bed NNIPS extent</i>		
E12	<i>Channel bed filamentous algae extent</i>		
Overview of RCA and river section assessment			
River Condition Assessment PRELIMINARY SCORE:		River Type and class bands:	
River Shape index:		Is the river channel OVERDEEP? <i>If yes, what supporting evidence is provided?</i>	
River Condition Assessment FINAL CLASS:		IS THE RCA FINAL CLASS MODIFIED ? <i>If yes, why and what supporting evidence is provided?</i>	
Summary of Encroachment and recommendations			
Suggested enhancement interventions to improve the river condition score			