

Condition + Encroachment Reporting Sheet: RIVERS and STREAMS			
River Condition Assessment (RCA) + Encroachment results for: Priority rivers, Other rivers and streams, Canals			
Site name/Location:		Unique River Section Ref:	control
GPS of MoRPh S:		River Section Length:	50m
Rivers and streams form naturally draining networks within the wider landscape.			
RCA River Type and Habitat Description for full river section (from walkover survey)			
The River Hiz occurs on site as well as adjacent to the redline boundary for the site. The River has been classified as a Type K River (Straight Sinuous, coarsest bed material gravel and pebble, average bed material Silt).			
Within the redline boundary the bankside habitat RHB (right hand bank) includes tall ruderal habitat with areas of shrub/scrub and scattered trees. LHB (left hand bank) included ruderal habitat, scrub, occasional trees and grazing pasture.			
THE RESULTS OF THE 32 RCA INDICATORS FOR EACH RIVER SECTION SHOULD BE INSERTED BELOW WITH NOTES TO EXPLAIN			
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	2	banktop vegetation was limited along the left-hand bank, being dominated by hardstanding in the form of hardstanding and footpaths. On the right hand bank, the riparian zone was dominated by trees and shrub with pasture beyond
B2	Bank top tree feature richness	0	banktop tree features such as fallen trees, large wood etc was not present
B3	Bank top water-related features	0	banktop water-related features were non-existent
B4	Bank top NNIPS cover	0	No non-native invasive plant species were recorded on site at the time of survey
B5	Bank top managed ground cover	-3	managed ground cover was extensive see B1
BANK FACE			
C1	Bank face riparian vegetation structure	2	bank top riparian vegetation structure was limited
C2	Bank face tree feature richness	1	tree structure was limited
C3	Bank face natural bank profile extent	2	vegetated side bars were present with the subreach
C4	Bank face natural bank profile richness	3	bank face was steep, vertical or gently sloped. Part of the left-hand bank was canalised and consisted of concrete around the pub patio
C5	Bank face natural bank material richness	1	
C6	Bank face bare sediment extent	1	
C7	Bank face artificial bank profile extent	0	
C8	Bank face reinforcement extent	-2	
C9	Bank face reinforcement material severity	-1	
C10	Bank face NNIPS cover	0	No non-native invasive plant species were recorded on site at the time of survey
CHANNEL MARGIN			
D1	Channel Margin Aquatic vegetation Extent	0	No aquatic vegetation was present in the river. Vegetation
D2	Channel margin aquatic morphotype richness	0	
D3	Channel margin physical feature extent	1	
D4	Channel margin physical feature richness	1	
D5	Channel margin artificial features	0	no outfall pipe was present within the reach
CHANNEL BED			
E1	Channel aquatic morphotype richness	2	aquatic vegetation within the channel was limited to a small clump of reed, water starwort and false water-cress
E2	Channel bed tree features richness	1	tree features within the channel bed was limited to a single fallen tree
E3	Channel bed hydraulic features richness	0	Hydraulic features were limited to slow flow
E4	Channel bed natural features extent	0	channel bed features were limited
E5	Channel bed natural features richness	0	
E6	Channel bed material richness	3	channel bed material included silt, gravel and occasional cobble in the form of bricks
E7	Channel bed siltation	-3	some siltation was present within the river
E8	Channel bed reinforcement extent	0	no channel bed reinforcement was noted
E9	Channel bed reinforcement severity	0	
E10	Channel bed artificial features severity	-1	bed material was limited
E11	Channel bed NNIPS extent	0	No non-native invasive plant species were recorded on site at the time of survey
E12	Channel bed filamentous algae extent	0	No filamentous algae was recorded within the river at the time of survey
Overview of RCA and river section assessment			
River Condition Assessment PRELIMINARY SCORE:	0.28 (Moderate)	River Type and class bands:	K River (Straight Sinuous, coarsest bed material gravel and pebble, average bed material silt)
River Shape index:	3.09	Is the river channel OVERDEEP? If yes, what supporting evidence is provided?	The banks of the river are either gentle, steep or vertical and is reinforced at the north-eastern LHB adjacent to the pub. Historically the River has been straightened to power what was once a corn Mill
River Condition Assessment FINAL CLASS:	Fairly Poor	IS THE RCA FINAL CLASS MODIFIED? If yes, why and what supporting evidence is provided?	Yes, see above
Summary of RCA results (and Encroachment where applicable) with recommendations for improvements			
Suggested enhancement interventions to improve the river condition score			