

Condition + Encroachment Reporting Sheet: RIVERS and STREAMS

River Condition Assessment (RCA) + Encroachment results for: Priority rivers, Other rivers ar
Site name/location:

GPS of MoRPh5 midpoint

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 widespr
The River Condition Assessment (RCA) method requires one or more MoRPh5 sub-reach sample(s)
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 si
RCA River Type and Habitat Description for full river section (from walkover survey)

THE RESULTS OF THE 32 RCA INDICATORS FOR EACH RIVER SECTION SHOULD BE INSERTED BELOW WITH NO1
Condition Assessment Criteria

RCA INDEX ID

BANK TOP

B1

B2

B3

B4

B5

BANK FACE

C1

C2

C3

C4

C5

C6

C7

C8

C9

C10

CHANNEL MARGIN

D1

D2

D3

D4

D5

CHANNEL BED

E1

E2

E3

E4

E5

E6

E7

E8

E9

E10

E11

E12

Overview of RCA and river section assessment

River Condition Assessment PRELIMINARY SCORE:

River Shape index:

River Condition Assessment FINAL CLASS:

Summary of RCA results (and Encroachment where applicable) with recommendations for improvement

Suggested enhancement interventions to improve the river condition score

Pimehole Buiness Park
GPS: SD 81463 10079

RCA INDEX NAME

Bank top vegetation structure
Bank top tree feature richness
Bank top water-related features
Bank top NNIPS cover
Bank top managed ground cover

Bank face riparian vegetation structure
Bank face tree feature richness
Bank face natural bank profile extent
Bank face natural bank profile richness
Bank face natural bank material richness
Bank face bare sediment extent
Bank face artificial bank profile extent
Bank face reinforcement extent
Bank face reinforcement material severity
Bank face NNIPS cover

Channel margin aquatic vegetation extent
Channel margin aquatic morphotype richness
Channel margin physical feature extent
Channel margin physical feature richness
Channel margin artificial features

Channel aquatic morphotype richness
Channel bed tree features richness
Channel bed hydraulic features richness
Channel bed natural features extent
Channel bed natural features richness
Channel bed material richness
Channel bed siltation
Channel bed reinforcement extent
Channel bed reinforcement severity

Channel bed artificial features severity
Channel bed NNIPS extent
Channel bed filamentous algae extent

0.595 - Moderate
5.35

Moderate

The River roch currently suffers from minor encroachment along the right bank (pathways) and no enroachment on the left for this section of river. The River Roch watercourse is currently free of encroachment.

Unique river section reference:
River section length:

RCA Index values
Insert values -4 to 0 OR 0 to 4; Highlight those >2 OR <-2

4
2
0
-4
-3

4
2
3
4
2
1
0
-1
-1
-4

1
1
2
3
0

3
1
3
2
1
3
-2
-1
-1

-2
-2
0

River Type and class bands:

Is the river channel OVERDEEP? If yes, what supporting evidence is prov

IS THE RCA FINAL CLASS MODIFIED ?

If yes, why and what supporting evidence is provided?

30m

Notes / Justification

Explain where significant, the influence of high/low RCA indices on overall river c

Japanese Knotweed/Himilyan Balsam
Paths

washed out enforcement

Japanese Knotweed/Himilyan Balsam

Japanese Knotweed/Himilayan Balsam

C - Straight/sinuuous to step-pool, coarsest B0/BE, average C0
No

No

condition

FOR REFERENCE:

FINAL CONDITION FOR RIVER TYPE:	F	H
Likely best average condition score	2.8	2.9
Lower threshold for GOOD	>2.3	>2.4

Lower threshold for FAIRLY GOOD	>1.5	>1.6
Lower threshold for MODERATE	>0.4	>0.5
Lower threshold for FAIRLY POOR	>-0.9	>-0.9
Likely worst average condition scor	-2.5	-2.5