Project det	
Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Completed by:	4 years. Ryan has extensive exp
Date of metric completion:	
Reviewer:	
Calculation iteration:	
Planning authority reviewer:	
Date of planning authority review:	
Target % net gain:	**10%**
Irreplaceable habitat present at baseline:	
Total site area - including irreplaceable habitat area (hectares):	**1.11**
Total off-site area - including irreplaceable habitat area (hectares):	**N/A**

Cell style conv	
⚠	
▲	Ir



On-site baseline map reference number	

Off-site baseline map reference number	

tails
erience in Biodiversity Net Gain, having been the project ecologist on
20 May 2025
Ryan Clark ACIEEM

No ✓

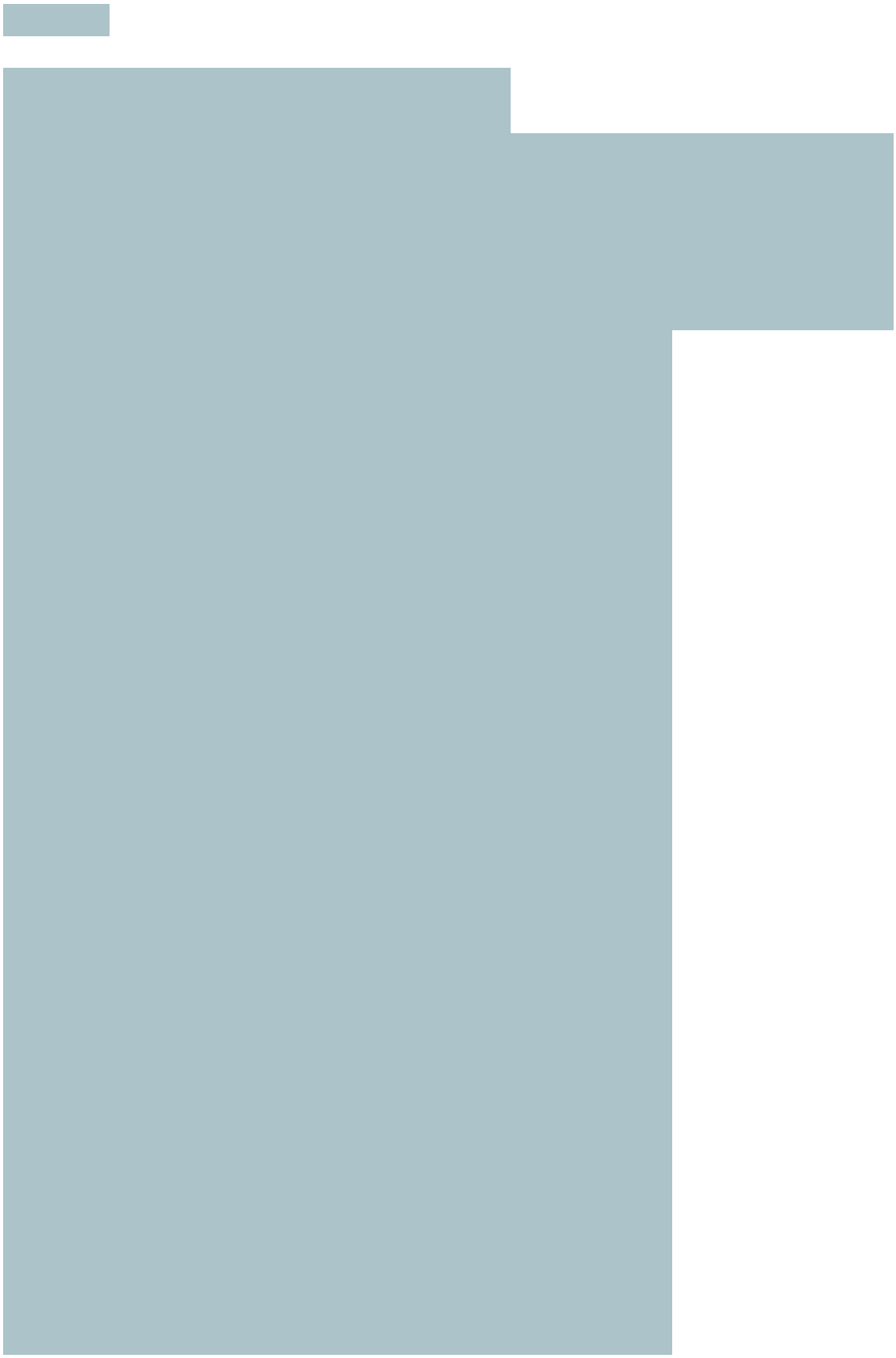
Irreplaceable habitat site area (hectares):	**0.00**
Irreplaceable habitat area off-site (hectares):	**N/A**

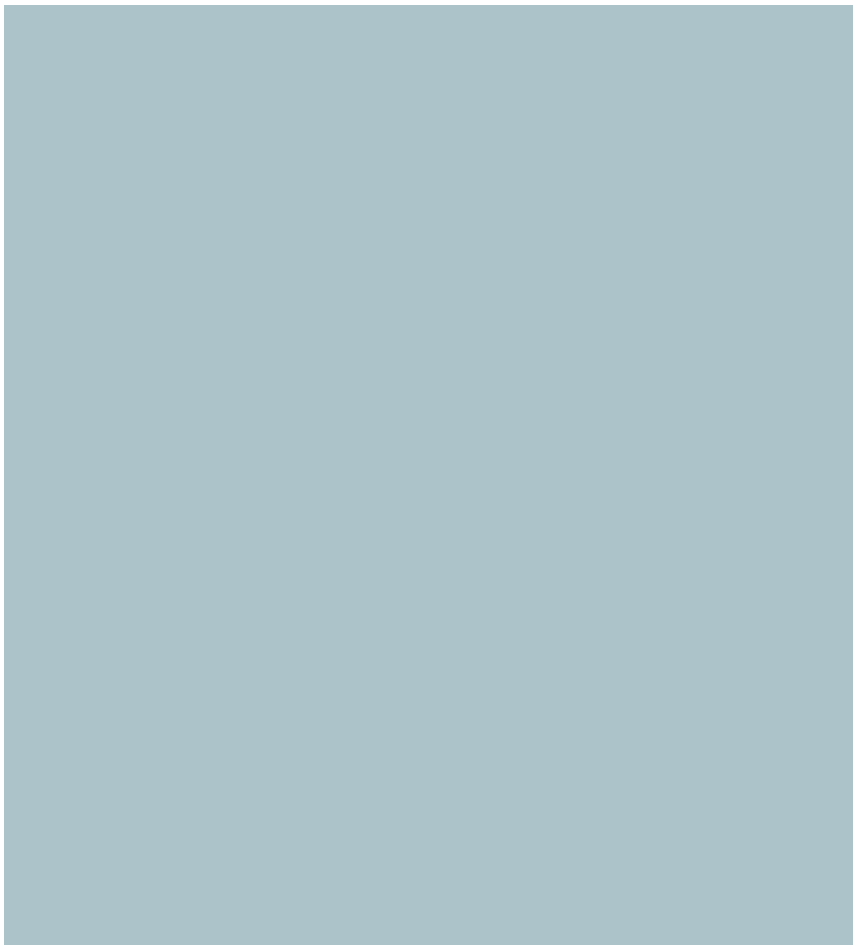
ventions
Attention required
nput error/rules and principles not met
Use of this cell is not appropriate

Enter data
Automatic lookup
Result

On-site post-intervention map reference number	

Off-site post-intervention reference number	







Tr
Tree size
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Medium
Large
Very large
Total

ee helper

Number of trees and area (ha) for each condition state					
Poor	Area	Moderate	Area	Good	Area
	0.0000		0.0000		0.0000
	0.0000		0.0000		0.0000
	0.0000		0.0000		0.0000
	0.0000		0.0000		0.0000
0	**0.0000**	**0**	**0.0000**	**0**	**0.0000**







Headline Results

Scroll down for final results ⚠

On-site baseli

On-site post-interv
(Including habitat retentic
enhancemen

On-site net cha
(units & percenta

Off-site baseli

On-site post-interv
(Including habitat retentic
enhancemen

Off-site net cha
(units & percenta

Combined net unit
(Including all on-site & off-site
creation & enhanc

Spatial risk multiplier (SRM)

FI

Total net unit ch
(Including all on-site & o
retention, creation & en

Total net % cha
(Including all on-site & off-site
creation & enhanc

Trading rules sati

Unit Type	Target
Habitat units	**10.00%**
Hedgerow units	**10.00%**
Watercourse units	**10.00%**



ne	*Habitat units*	**2.22**
	Hedgerow units	**0.00**
	Watercourse units	**2.03**
vention on, creation & t)	*Habitat units*	**3.82**
	Hedgerow units	**0.80**
	Watercourse units	**2.26**
nge age)	*Habitat units*	**1.60**
	Hedgerow units	**0.80**
	Watercourse units	**0.23**
ne	*Habitat units*	**0.00**
	Hedgerow units	**0.00**
	Watercourse units	**0.00**
vention on, creation & t)	*Habitat units*	**0.00**
	Hedgerow units	**0.00**
	Watercourse units	**0.00**
nge age)	*Habitat units*	**0.00**
	Hedgerow units	**0.00**
	Watercourse units	**0.00**
change habitat retention, ement)	*Habitat units*	**1.60**
	Hedgerow units	**0.80**
	Watercourse units	**0.23**

) deductions	*Habitat units*	**0.00**
	Hedgerow units	**0.00**
	Watercourse units	**0.00**

NAL RESULTS

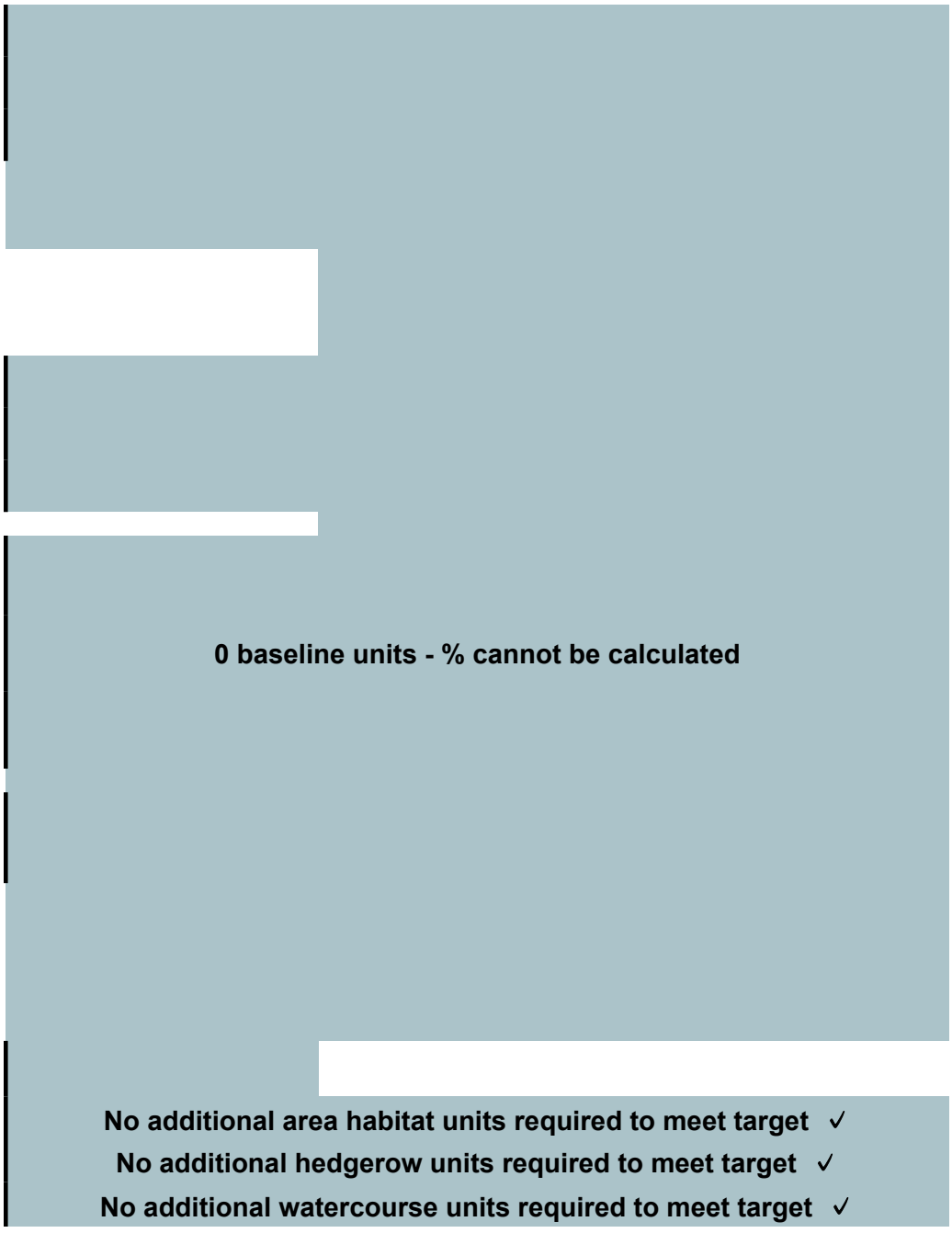
ange off-site habitat hancement)	*Habitat units*	**1.60**
	Hedgerow units	**0.80**
	Watercourse units	**0.23**
nge habitat retention, ement)	*Habitat units*	**71.87%**
	Hedgerow units	**N/A**
	Watercourse units	**11.55%**
isfied?	**Yes ✓**	

Baseline Units	Units Required	Unit Deficit
2.22	**2.44**	**0.00**
0.00	**0.00**	**0.00**
2.03	**2.23**	**0.00**

71.87%
N/A
11.55%

Zero baseline units - % cannot be calculated

0.00%
0.00%
0.00%


0 baseline units - % cannot be calculated
No additional area habitat units required to meet target ✓
No additional hedgerow units required to meet target ✓
No additional watercourse units required to meet target ✓

Ref	Broad Habitat
1	Cropland
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Project Name:	Map Reference:

A-1 On-Site Habitat Baseline

Existing area habitats
Habitat Type
Cereal crops

Site Area (Excluding area of individual trees, green walls,
M² to hectares conversion tool:

Area h
Total Net Unit Change
Total Net % Change
Trading Rules Satisfied

		Distinctiveness		Conditi
Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition
No	1.11	Low	2	Condition Assessment N/A

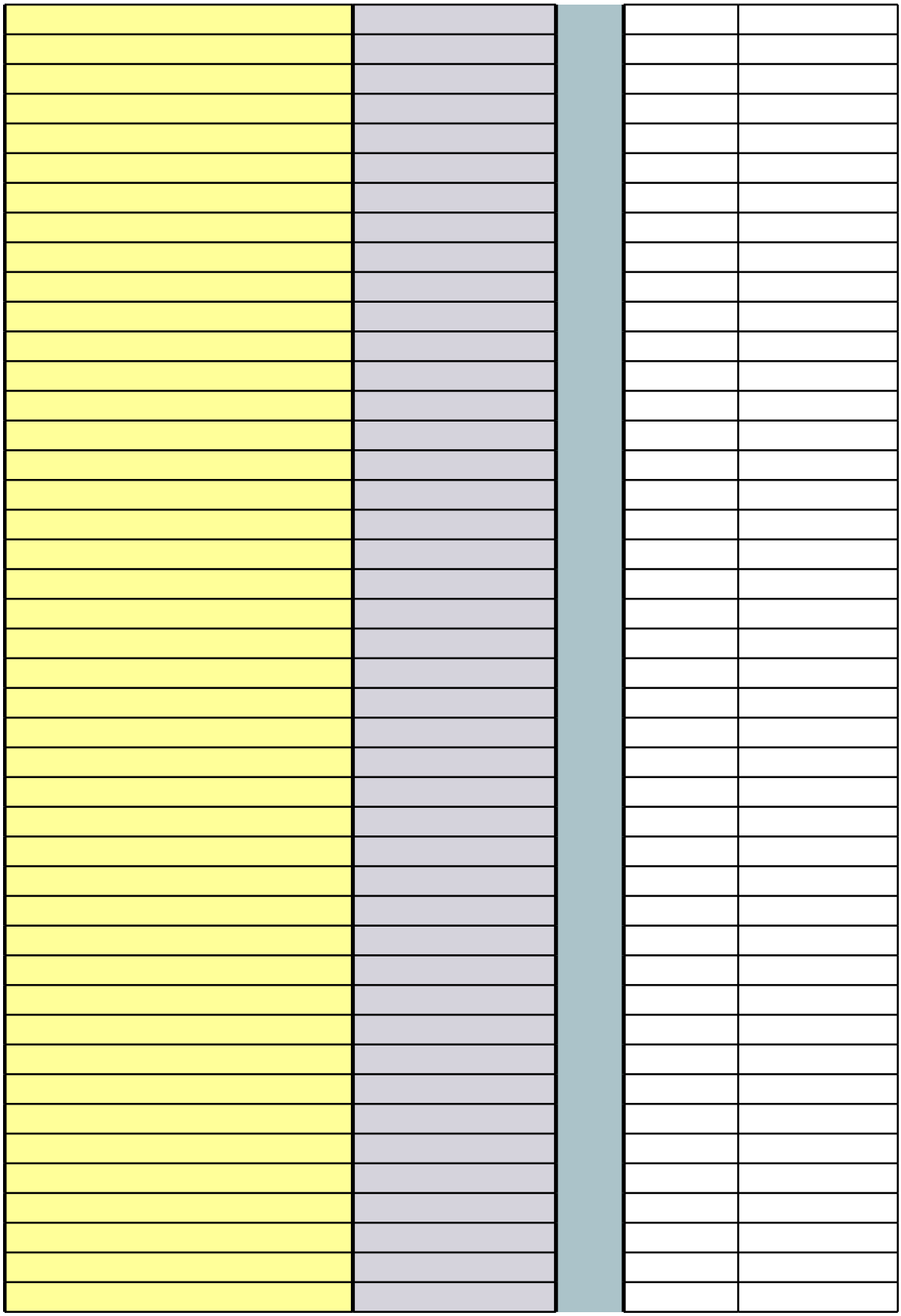
Total habitat area	1.11			
intertidal hard structures)	1.11			

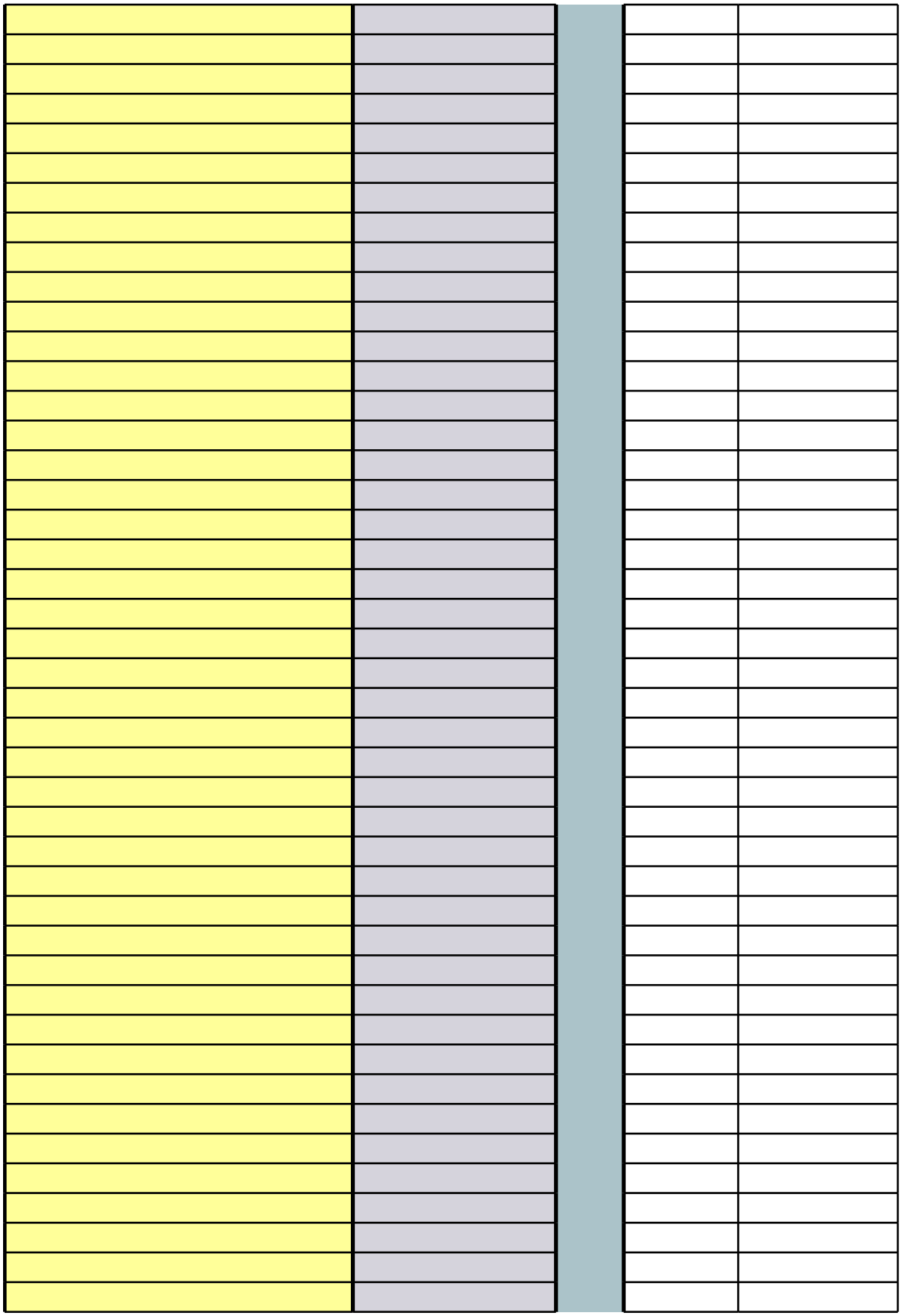
	Select a unit	Hectares	M²

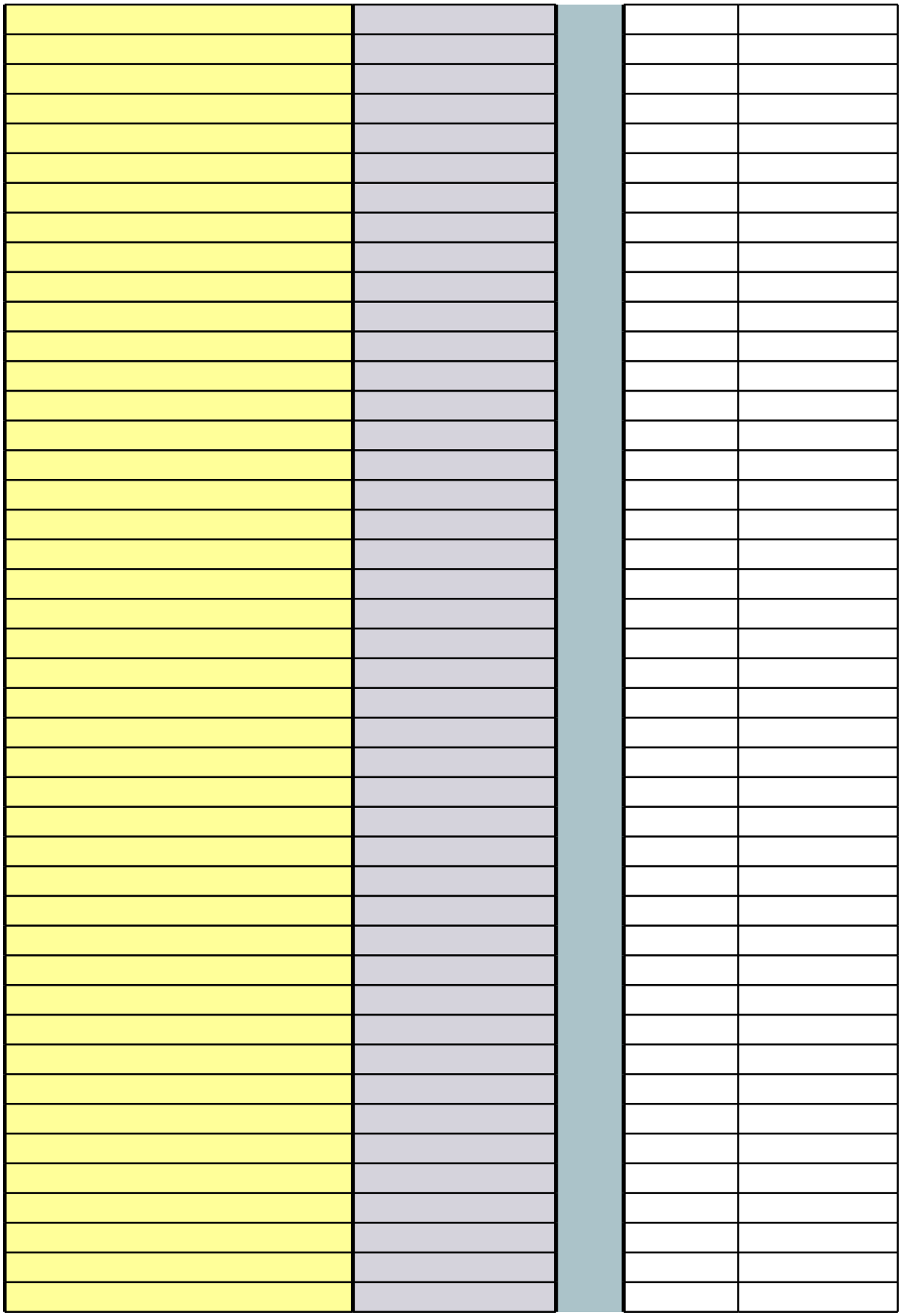
abitat summary
1.60
71.87%
Yes ✓

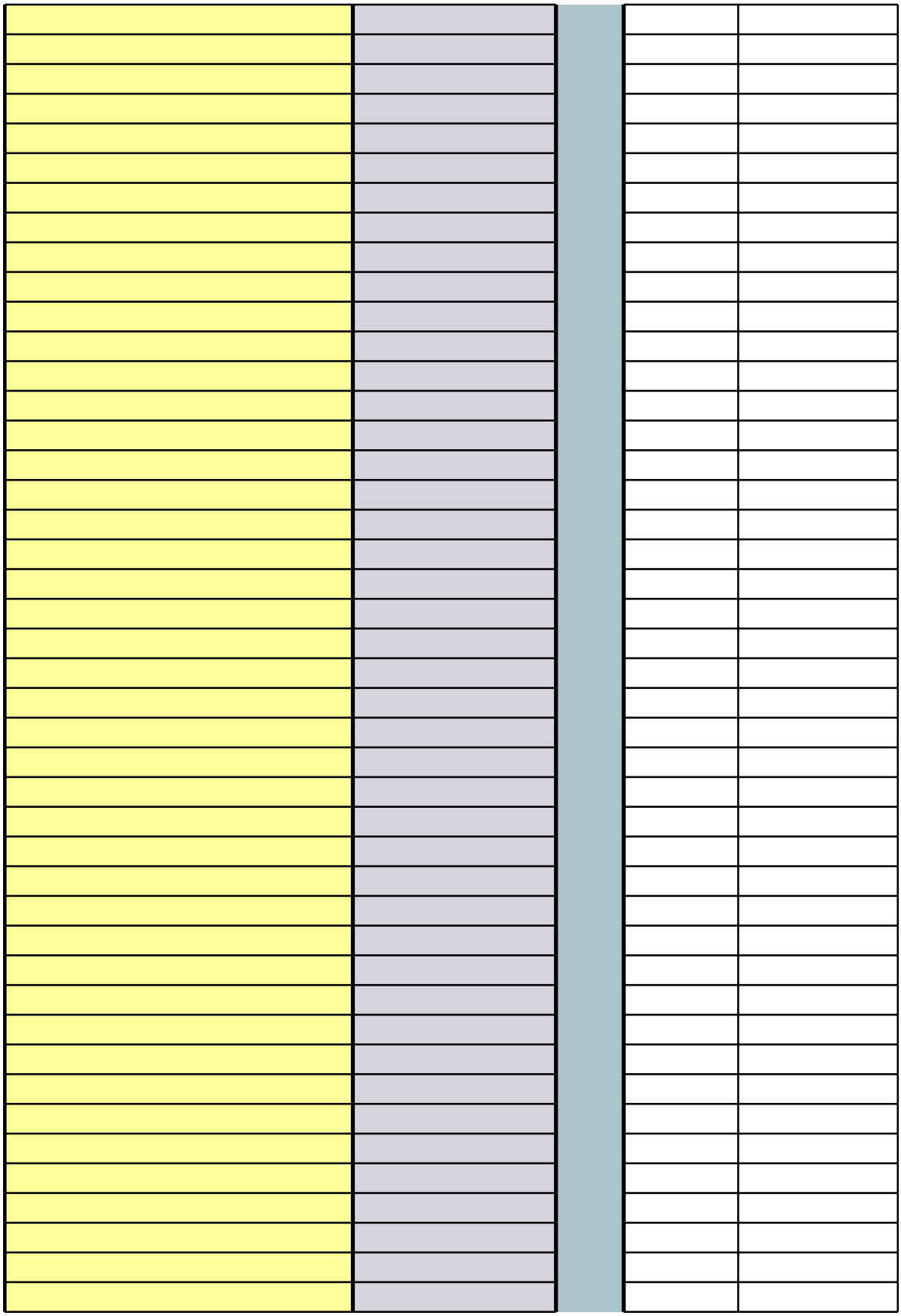
on	Strategic significance		
Score	Strategic significance	Strategic significance	Strategic significance multiplier
1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

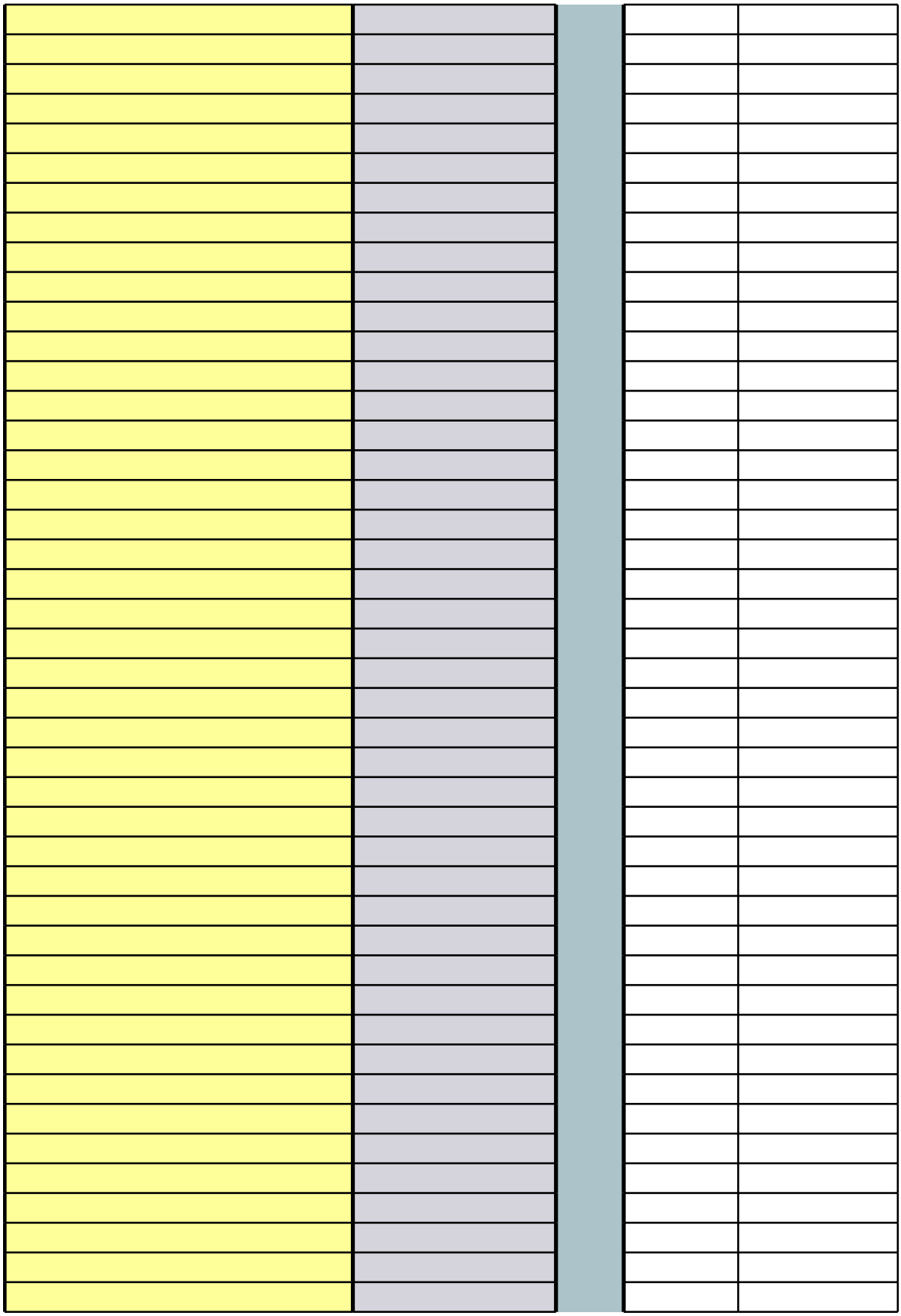
Required Action to Meet Trading Rules	Ecological baseline			
	Total habitat units		Area retained	Area enhanced
Same distinctiveness or better habitat required ≥	2.22		0	0











	2.22		0.00	0.00

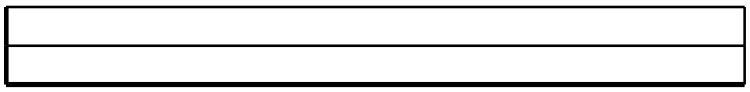
Total area lost (excludi
green walls and inte

Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Bespoke compensation agreed for losses of VHDH or irreplaceable habitat
0.00	0.00	1.11	2.22	

0.00	0.00	1.11	2.22	

ng area of individual trees, ertidal hard structures)	1.11

User comments
Existing arable field.



Comments	
Planning authority comments	**Habitat reference number**

Ref	Broad Habitat
1	Grassland
2	Urban
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Project Name: Map Reference:

A-2 On-Site Habitat Creation

Proposed habitat	Area (hectares)
Modified grassland	1.1
Developed land; sealed surface	0.01

M² to hectares conversion tool:	Select a unit

Area habitat sum	
Total Net Unit Change	
Total Net % Change	
Trading Rules Satisfied	
Area Check	

Distinctiveness		Condition	
Distinctiveness	Score	Condition	Score
Low	2	Moderate	2
V.Low	0	N/A - Other	0

Hectares	M^2

mary
1.60
71.87%
Yes ✓
Area Acceptable ✓

Strategic significance		
Strategic significance	**Strategic significance**	**Strategic significance multiplier**
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

		Post intervention habitats
Standard time to target condition (years)	Habitat created in advance (years)	Delay in starting habitat creation (years)
4	0	0
0	0	0

Temporal multiplier

Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier
Standard time to target condition applied	4	0.867
Standard time to target condition applied	0	1.000

Difficulty multipliers			
Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1

Habitat units delivered	User comments
3.82	An area of previous arable is proposed to be established as a new grassland habitat that will be sown with Emorsgate's EM1 Basic General Purpose Meadow Mixture. Habitat is anticipated to pass condition criteria A, C, E, F, and G; therefore, achieving Moderate condition.
0.00	Proposed new car parking bays.

Comments

Planning authority comments	Habitat reference number

Project Name:	Map Reference:

B-2 On-Site Hedge Creation

		Proposed habitats
Ref	New hedge number	Habitat type
1		Native hedgerow
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Hedgerow sur	
Total Net Unit Change	
Total Net % Change	
Trading Rules Satisfied	

	Distinctiveness		Condition	
Length (km)	Distinctiveness	Score	Condition	Score
0.238	Low	2	Moderate	2

mmary
0.80
N/A
Yes ✓

Strategic significance		
Strategic significance	**Strategic significance**	**Strategic significance multiplier**
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

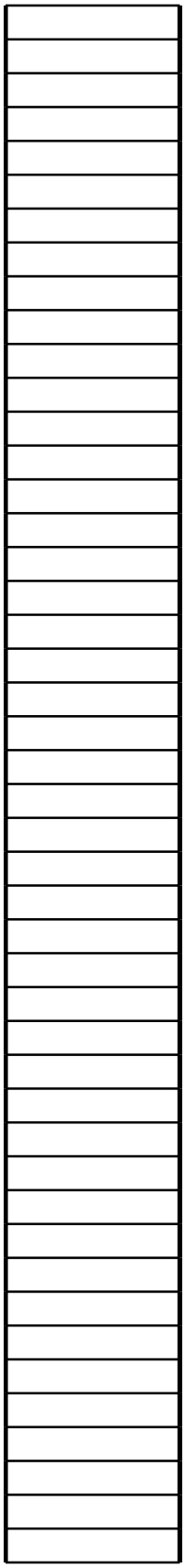
Tempo		
Standard Time to target condition (years)	Habitat created in advance (years)	Delay in starting habitat creation (years)
5	0	0

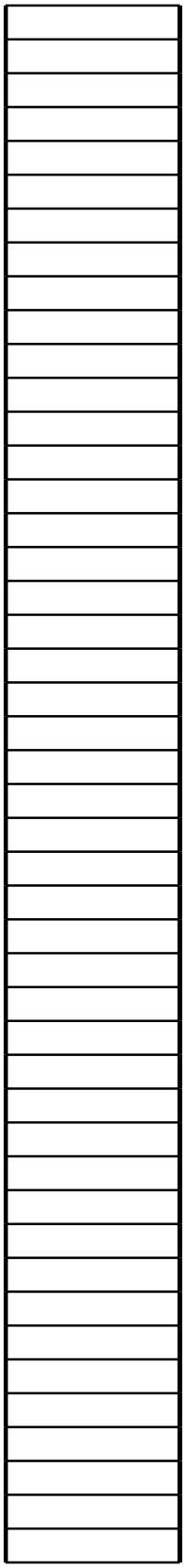
oral multiplier			
Standard or adjusted time to target condition	**Final time to target condition (years)**	**Final time to target multiplier**	**Standard difficulty of creation**
Standard time to target condition applied	5	0.837	Low

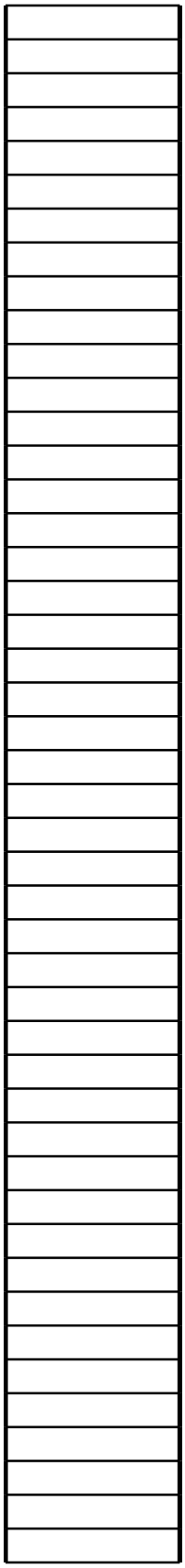
Difficulty risk multipliers			Hedge units delivered
Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied	
Standard difficulty applied	Low	1	0.80

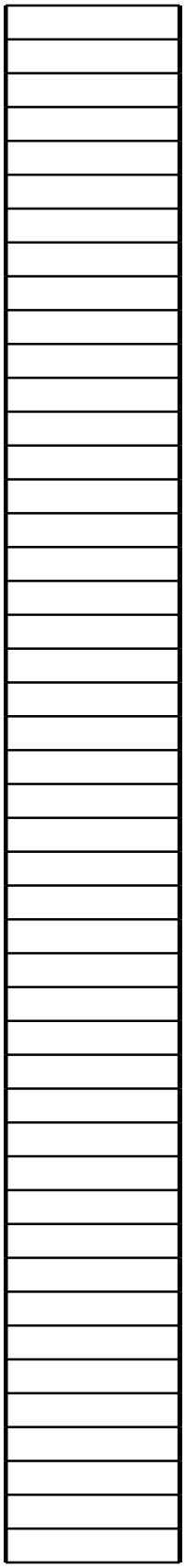
Comments	
User comments	**Planning authority comments**
Proposed new native hedderow. Hedgerow antisiapted to fail condition criteria C1, C2, and D2; therefore, achieving Moderate condition.	

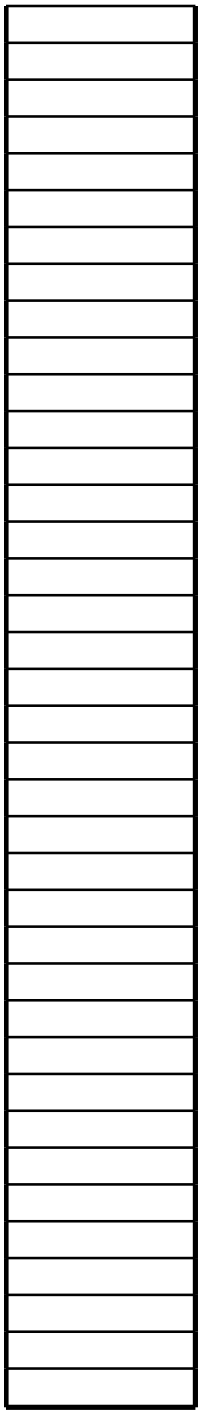
Habitat reference number











Project Name:	Map Reference:
C-1 On-Site WaterC' Baseline	

Existing watercourse type		
Ref	Watercourse type	Length (km)
1	Other rivers and streams	0.225
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		0.23

Watercourse summary	
Total Net Unit Change	0.23
Total Net % Change	11.55%
Trading Rules Satisfied	Yes ✓

Distinctiveness		Condition		Strategic sign
Distinctiveness	Score	Condition	Score	Strategic significance
High	6	Fairly Poor	1.5	Area/compensation not in local strategy/ no local strategy

nificance		Watercourse encroachment		Riparian encroacl
Strategic significance	Strategic significance multiplier	Extent of encroachment	Multiplier	Extent of encroachment for both banks
Low Strategic Significance	1	No Encroachment	1	No Encroachment/ No Encroachment

hment	Required Action to Meet Trading Rules	Ecological baseline			
Multiplier		Total watercourse units	Length retained	Length enhanced	Units retained
1	Same habitat required =	2.03	0.1	0.125	0.90

Units enhanced	Length Lost	Units Lost	Bespoke compensation agreed for losses of VHDH
1.13	0.00	0.00	

User Comments
Existing adjacent tributary. The Modular River Physical Survey returned a result of Fairly Poor condition for the tributary

Comments	
Planning authority comments	Habitat reference number

Project Name:	Map Reference:
C-3 On-Site WaterC' Enhancement	

Baseline ref	Baseline habitat	Length (km)	Baseline distinctiveness band
1	Other rivers and streams	0.225	High

Baseline habitats			
Baseline distinctiveness score	**Baseline condition category**	**Baseline condition score**	**Baseline strategic significance category**
6	Fairly Poor	1.5	Area/compensation not in local strategy/ no local strategy

Strategic significance	Baseline strategic significance Score	Required Action to Meet Trading Rules
Low Strategic Significance	1	Same habitat required =

Baseline habitat units	Proposed habitat
2.025	Other rivers and streams

Watercourse summary	
Total Net Unit Change	0.23
Total Net % Change	11.55%
Trading Rules Satisfied	Yes ✓

Change in distinctiveness and condition		Length (km)
Distinctiveness movement	Condition movement	
High - High	Fairly Poor - Moderate	0.125

Habitat distinctiveness		Habitat condition	
Distinctiveness	Score	Condition	Score
High	6	Moderate	2

Post intervention habitats			
Strategic significance			
Strategic significance	**Strategic significance**	**Strategic significance multiplier**	**Standard Time to target condition (years)**
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	2

Temporal multiplier		
Habitat enhanced in advance (years)	Delay in starting habitat enhancement (years)	Standard or adjusted time to target condition
0	0	Standard time to target condition applied

		Difficulty multipli	
Final time to target condition (years)	Final Time to target multiplier	Standard difficulty of enhancement	Applied difficulty multiplier
2	0.931	Medium	Standard difficulty applied

ers		Watercourse encroachment		Riparian encroa
Final difficulty of enhancement	Difficulty multiplier applied	Extent of encroachment	Multiplier	Extent of encroachment for both banks
Medium	0.67	No Encroachment	1	No Encroachment/ No Encroachment

achment		
Multiplier	Watercourse units delivered	User comments
1	1.36	It is proposed that at least 125 m of the bank top and bank face of the right bank (looking downstream) of the tributary is enhanced via a targeted planting regime that will seek to establish long grasses/herbs, scrub/shrubs, and tree communities that reach a minimum of 33% cover respectively. The River Condition Assessment retuned a post-works condition score of Moderate

Comments	
Planning authority comments	**Habitat reference number**

