

The Statutory Biodiversity Metric
Start page

Project details			
Planning authority:	Horsham District Council		
Project name:	Land East of Mousdell Close		
Applicant:	Rocco Homes		
Application type:	Full		
Planning application reference:			
Completed by:	Sam Hall		
Date of metric completion:	28 November 2025		
Reviewer:	Louise Barker		
Calculation iteration:	Revision 02		
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	2.10	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	N/A	Irreplaceable habitat area off-site (hectares):	N/A

Cell style conventions	
⚠	Attention required
▲	Input error/rules and principles not met
	Use of this cell is not appropriate
	Enter data
	Automatic lookup
	Result

On-site baseline map

Insert

On-site baseline map reference number

Off-site baseline map

Insert

Off-site baseline map reference number

On-site post intervention map

Insert

On-site post-intervention map reference number

Off-site post intervention map

Insert

Off-site post-intervention reference number

Main menu

Results

View all

Reset view

Land East of Mousdell Close
Headline Results
Scroll down for final results ▲

Return to results menu

On-site baseline	Habitat units	13.78	
	Hedgerow units	1.56	
	Watercourse units	0.44	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	4.66	
	Hedgerow units	2.02	
	Watercourse units	0.66	
On-site net change (units & percentage)	Habitat units	-9.12	-66.20%
	Hedgerow units	0.46	29.35%
	Watercourse units	0.22	49.02%

On-site net gain is less than target set ▲

Off-site baseline	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site net change (units & percentage)	Habitat units	0.00	0.00%
	Hedgerow units	0.00	0.00%
	Watercourse units	0.00	0.00%

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-9.12
	Hedgerow units	0.46
	Watercourse units	0.22
Spatial risk multiplier (SRM) deductions	Habitat units	0.00
	Hedgerow units	0.00
	Watercourse units	0.00

FINAL RESULTS

Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-9.12
	Hedgerow units	0.46
	Watercourse units	0.22
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-66.20%
	Hedgerow units	29.35%
	Watercourse units	49.02%
Trading rules satisfied?	No - Check Trading Summaries ▲	

Total net gain achieved is less than target set ▲

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	13.78	15.16	10.50
Hedgerow units	10.00%	1.56	1.72	0.00
Watercourse units	10.00%	0.44	0.48	0.00

No additional hedgerow units required to meet target ✓
No additional watercourse units required to meet target ✓

Input errors/rule breaks present in metric ▲

Project Name: Land East of Moyadale Close - Map Reference: A-1 On-Site Habitat Baseline		Area habitat summary			
		Total Net Unit Change	-4.18		
		Total Net % Change	-26.10%		
		Trading Rules Defined:	No - check trading scenarios A		
Condense / Show Columns		Condense / Show Rows			
Main Menu					

Existing area habitats				Disturbance		Condition		Strategic significance				Required Action to Meet Trading Rules		Ecological baseline	
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Disturbance	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Required Action to Meet Trading Rules	Total habitat units		
1	Grassland	Modified grassland	No	1.089	Low	2	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Some disturbance or better habitat required	9.53		
2	Heathland and shrubs	Mixed scrub	No	0.026	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Some broad habitat or a higher environmental habitat required	4.05		
3	Individual trees	Urban tree	No	0.0163	Medium	4	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Some broad habitat or a higher environmental habitat required	0.20		
4															
5															
6															
7															
8															
				Total habitat area	8.11							18.78			
				Site Area (including area of individual trees, grass walk, intertidal hard structure)	8.10										

Area retained		Area enhanced		Baseline units retained		Baseline units enhanced		Area habitat lost		Units lost		Respects compensation agreed for losses of VEDH or Irreplaceable habitat		Comments		
														User comments		
0		0.00	0.00	1.89	9.53									Assumed coverage of grassland before clearance		
0.081		0.41	0.00	0.48	3.64									Assumed coverage of scrub before clearance		
0		0.00	0.00	0.02	0.20									Single medium sized willow to be lost from the northern site boundary (T54 in the ASB report, T53 was re-vegetated and measured as such by 2021).		
0.09	0.00	0.41	0.00	8.00	18.97											

Total area lost (including area of individual trees, grass walk and intertidal hard structure)		0.04	

NP to hectares conversion tool:		Input a unit		Selects		NP	

Area habitat summary	
Total Net Unit Change	-0.12
Total Net % Change	-00.20%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check	Area Acceptable ✓

Project Name: Land East of Mowdell Close

Map Reference:

B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	0.68
Total Net % Change	89.35%
Trading Rules Believed	Yes ✓

Existing hedgerow habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline Total hedgerow units
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		
1	H01	Species-rich native hedgerow with trees	0.13	High	6	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Take for use or better	1.56
2												
3												
4												
5												
6			0.13									1.68

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
0.13		1.44	0.00	0.01	0.13	Existing hedge along northern boundary		
0.13	0.00	1.44	0.00	0.01	0.13			

Project Name: Land East of Mowdell CloseMap Reference:

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Show Menu

Hedge row summary	
Total Net % Change	0.48
Total Net % Change	88.88%
Trading Rules Satisfied	Yes ✓

		Proposed habitats		Disturbance		Condition		Strategic significance		Temporal multiplier					Difficulty risk multipliers					Hedge units delivered	Comments			
Ref	New hedge number	Habitat type	Length (m)	Disturbance	Score	Condition	Score	Strategic significance	Strategic significance multiplier	Standard Time to target condition (years)	Habitat created in advance (years)	Delay in starting habitat creation (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied		User comments	Planning authority comments	Habitat reference number	
1	1028	Species-rich native hedgerow with trees	0.08	High	6	Moderate	2	Awaken/compensation not in local strategy/ no local strategy	Low Strategic significance	1	10	0	0	Standard time to target condition applied	10	0.710	Low	Standard difficulty applied	Low	1	0.50			
2	1029	Species-rich native hedgerow	0.01	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	9	0	0	Standard time to target condition applied	9	0.937	Low	Standard difficulty applied	Low	1	0.07			
3																					1 year delay for all creation to allow for time between site clearance and commencement of habitat creation			
4																								
5																								
6			0.07																					
																					0.08			

1 year delay for all creation to allow for time between site clearance and commencement of habitat creation

Project Name: Land East of Mowdell Close Map
C-1 On-Site WaterC² Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Watercourse summary	
Total Net Unit Change	0.88
Total Net % Change	48.03%
Trading Rules Satisfied	Yes ✓

Existing watercourse type			Distinctiveness		Condition		Strategic significance			Watercourse encroachment		Riparian encroachment		Required Action to Meet Trading Rules	Ecological baseline	Responsible compensation agreed for losses of VEDH	Comments		
Ref	Watercourse type	Length (m)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance multiplier	Strategic significance multiplier	Extent of encroachment	Multiplier	Extent of encroachment for both banks	Multiplier		Total watercourse units		User Comments	Planning authority comments	Relevant reference number
1	Ditch	0.11	Medium	4	Poor	1	Assessment not in local strategic plan	Low Strategic Significance	1	No Encroachment	1	No Encroachment	No Encroachment	1	State habitat retained =	0.44	Existing ditch adjacent to south boundary		D1
2																			
3																			
4																			
5																			
6																			
7																			
8																			
		0.11														0.44			
		0.11	0.00	0.44	0.00	0.00	0.00												

Project Name: Land East of Mousell Close Map Reference:

C-2 On-Site WaterC' Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Watercourse summary	
Total Net Unit Change	0.18
Total Net % Change	68.03%
Trading Rules Satisfied	Yes ✓

Proposed habitats			Distinctiveness		Condition		Strategic significance			Temporal multiplier					Difficulty multipliers				Watercourse encroachment		Riparian encroachment		Watercourse units delivered	Comments			
Ref	Watercourse type	Length (m)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard Time to target condition (years)	Habitat created in advance (years)	Delay in starting habitat creation (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final Time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied	Extent of encroachment	Multiplier	Extent of encroachment for both banks		Multiplier	User comments	Planning authority comments	Habitat reference number
1	Ditch	0.08	Medium	4	Poor	1	Assessment/creation not in local strategy no local strategy	Low Strategic significance	1	1	0	0	Standard time to target condition applied	1	0.988	Medium	Standard difficulty applied	Medium	0.67	No Encroachment	1	No Encroachment/No Encroachment	1	0.01	Proposed new ditch - to be created by installing an existing dry ditch		D2
2	Culvert	0.01	Low	2	Poor	1	Assessment/creation not in local strategy no local strategy	Low Strategic significance	1	1	0	0	Standard time to target condition applied	1	0.988	Medium	Standard difficulty applied	Medium	0.67	N/A - Culvert	0.68	N/A - Culvert	1	0.01	Proposed new culvert in ditch D2		C1
3																								3 years delay for all creation to allow for time between site clearance and commencement of habitat creation			
4																											
5																											
6																											
7		0.09																									
																							0.32				