

The Statutory Biodiversity Metric Start page

Project details			
Planning authority:			
Project name:	Hamilton Solar Farm		
Applicant:			
Application type:	Full Planning Permission		
Planning application reference:			
Completed by:	Jonathan Pounder		
Date of metric completion:	16th May 2025		
Reviewer:			
Calculation iteration:			
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):	18.47	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

Main menu

Results

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

View all

Reset view

On-site baseline map Insert



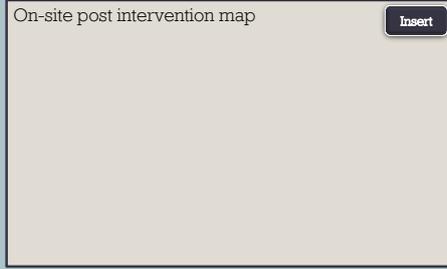
On-site baseline map reference number

Off-site baseline map Insert



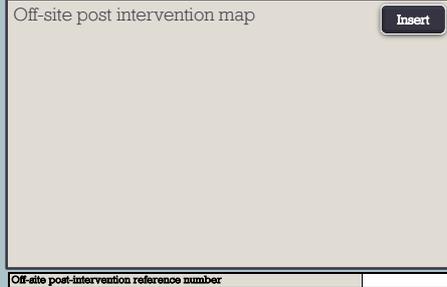
Off-site baseline map reference number

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

The Statutory Biodiversity Metric Main menu

Key

- Area habitats
- Hedges and lines of trees
- Watercourses

Start page

Technical data

Results

Tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small	0.0000		0.0000		0.0000	
Medium	0.0000		0.0000		0.0000	
Large	0.0000		0.0000		0.0000	
Very large	0.0000		0.0000		0.0000	
Total	0	0.0000	0	0.0000	0	0.0000

Start here

1

2

3

4

On-site baseline

- A-1 On-site Area Habitat Baseline
- B-1 On-site Hedge Baseline
- C-1 On-site Watercourse Baseline

On-site post development

- A-2 On-site Area Habitat Creation
- A-3 On-site Area Habitat Enhancement
- B-2 On-site Hedge Creation
- B-3 On-site Hedge Enhancement
- C-2 On-site Watercourse Creation
- C-3 On-site Watercourse Enhancement

Off-site baseline

- D-1 Off-site Area Habitat Baseline
- E-1 Off-site Hedge Baseline
- F-1 Off-site Watercourse Baseline

Off-site post development

- D-2 Off-site Area Habitat Creation
- D-3 Off-site Area Habitat Enhancement
- E-2 Off-site Hedge Creation
- E-3 Off-site Hedge Enhancement
- F-2 Off-site Watercourse Creation
- F-3 Off-site Watercourse Enhancement

The Statutory Biodiversity Metric Results

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[Detailed results](#)

[Habitat trading
summaries](#)

[Off-site
summary](#)

[Irreplaceable
habitats summary](#)

[Unit shortfall
summary](#)

Hamilton Solar Farm

Headline Results

Scroll down for final results ▲

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On-site baseline	Habitat units	32.93	
	Hedgerow units	9.75	
	Watercourse units	0.00	
On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	30.24	
	Hedgerow units	15.03	
	Watercourse units	0.00	
On-site net change <small>(units & percentage)</small>	Habitat units	-2.68	-8.14%
	Hedgerow units	5.27	54.05%
	Watercourse units	0.00	0.00%

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 <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site net change <small>(units & percentage)</small>	Habitat units	0.00	0.00%
	Hedgerow units	0.00	0.00%
	Watercourse units	0.00	0.00%

Combined net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	-2.68	
	Hedgerow units	5.27	
	Watercourse units	0.00	
Spatial risk multiplier (SRM) deductions	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	

FINAL RESULTS

Total net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	-2.68	
	Hedgerow units	5.27	
	Watercourse units	0.00	

Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	-8.14%	Total net gain achieved is less than target set ▲
	Hedgerow units	54.05%	
	Watercourse units	0.00%	

Trading rules satisfied?	No - Check Trading Summaries ▲
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Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	32.93	36.22	5.97
Hedgerow units	10.00%	9.75	10.73	0.00
Watercourse units	10.00%	0.00	0.00	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: Hamilton Solar Farm Map Reference: A-2 On-Site Habitat Creation

Coordinates / Zone Details

Coordinates / Zone Details

Map Menu

Area habitat summary

Total Net Change	-8.88
Total Net % Change	-3.18%
Trading Policy Indicator	Not a trading policy indicator A
Area Check	Area Acceptable ✓

No	Breed Habitat	Proposed habitat	Area (hectares)	Disturbance		Strategic significance		Temporal multiplier		Difficulty		Comments		
				Disturbance	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (Years)	Final difficulty of creation	Habitat value delivered	Other comments	Planning authority comments	Habitat reference number	
1	Urban	Developed land, sealed surface	0.350	V.Low	N/A - Other	Area compensation not in local strategy for local significance	Standard time to target condition applied	0	Low	0.00	Developed land under solar panels Area A			
2	Urban	Developed land, sealed surface	0.000	V.Low	N/A - Other	Area compensation not in local strategy for local significance	Standard time to target condition applied	0	Low	0.00	Infrastructure			
3	Openland	Modified grassland	0.200	Low	Open	Area compensation not in local strategy for local significance	Standard time to target condition applied	1	Low	0.20	Openland under solar panels Area A			
4	Urban	Fast flow streams	0.000	V.Low	N/A - Other	Area compensation not in local strategy for local significance	Standard time to target condition applied	0	Low	0.00	Area A protection fence			
5	Urban	Artificial unvegetated, unsealed surface	0.000	V.Low	N/A - Other	Area compensation not in local strategy for local significance	Standard time to target condition applied	0	Low	0.00	Track Field A			
6	Urban	Artificial unvegetated, unsealed surface	0.000	V.Low	N/A - Other	Area compensation not in local strategy for local significance	Standard time to target condition applied	0	Low	0.00	Track Field C			
7	Urban	Developed land, sealed surface	0.100	V.Low	N/A - Other	Area compensation not in local strategy for local significance	Standard time to target condition applied	0	Low	0.00	Electricity way			
8	Urban	Artificial unvegetated, unsealed surface	0.050	V.Low	N/A - Other	Area compensation not in local strategy for local significance	Standard time to target condition applied	0	Low	0.00	Access track into Area B			
9	Urban	Fast flow streams	0.000	V.Low	N/A - Other	Area compensation not in local strategy for local significance	Standard time to target condition applied	0	Low	0.00	Area B protection fence			
10	Urban	Developed land, sealed surface	0.300	V.Low	N/A - Other	Area compensation not in local strategy for local significance	Standard time to target condition applied	0	Low	0.00	Developed land under solar panels Area B			
11	Openland	Modified grassland	1.300	Low	Open	Area compensation not in local strategy for local significance	Standard time to target condition applied	1	Low	0.40	Openland under solar panels Area B			
12														
13														
14														
15														
16														
17														
Total habitat area			9.78								13.78			

Site Area (Including area of individual trees, green walls, intertidal hard structures)	2.78
MP to achieve conservation goal	2.78

Project Name: Hamilton Solar Farm Map Reference:
 B-1 On-Site Hedgerow Baseline

Hedgerow summary	
Total Area (ha)	6.77
Total Area (ha)	6.77
Wetland Area (ha)	0.00

Ref	Hedgerow number	Habitat type	Length (km)	Discontinuity	Condition	Strategic significance	Suggested Action to Meet Trading Plans	Biological value	Comments						
									Length retained	Length enhanced	Length lost	Value retained	Value enhanced	Value lost	Other comments
1	Area 1 (subsite)	Native hedgerow	0.195	Low	Good	Formally identified in local strategy	Some discontinuities based on terrain	1.00	0.195	0.00	0.00	0.00			
2	Area 2 (subsite)	Native hedgerow	0.300	Low	Good	Formally identified in local strategy	Some discontinuities based on terrain	2.12	0.300	0.00	0.00	0.00			
3	Area 3 (subsite)	Native hedgerow	0.020	Low	Moderate	Formally identified in local strategy	Some discontinuities based on terrain	0.24	0.020	0.00	0.00	0.00			
4	Area 4 (subsite)	Native hedgerow	0.131	Low	Good	Formally identified in local strategy	Some discontinuities based on terrain	0.90	0.131	0.00	0.00	0.00			
5	Area 5 (subsite)	Native hedgerow	0.148	Low	Good	Formally identified in local strategy	Some discontinuities based on terrain	1.16	0.148	0.00	0.00	0.00			
6	Area 6 (subsite)	Native hedgerow	0.27	Low	Good	Formally identified in local strategy	Some discontinuities based on terrain	0.90	0.27	0.00	0.00	0.00			
7	Area 7 (subsite)	Native hedgerow	0.140	Low	Good	Formally identified in local strategy	Some discontinuities based on terrain	1.26	0.140	0.00	0.00	0.00			
8															
9															
10															
11															
12															
13															
14															
			6.76					6.76	6.64	0.00	0.00	0.00			

Project Name: Hamilton Solar Farm Map Reference:
B-2 On-Site Hedge Creation

Hedge row summary	
Total Net Unit Change	8.31
Total Net % Change	84.00%
Trading Index Factor	Yes /

Coordinates / Show Columns

Coordinates / Show Rows

Main Menu

Ref	New hedge number	Proposed habitats		Diversity	Condition	Strategic significance	Temporal multiplier		Diversity risk multiplier	Hedge units delivered	Comments		
		Habitat type	Length (m)				Standard or adjusted time to target condition	Final time to target condition (years)			User comments	Planning authority comments	Habitat reference number
1	Area A	Native hedge row with trees	0.235	Medium	Poor	Formally identified in local strategy	Standard time to target condition applied.	1	Low	1.00			
2	Area B	Line of trees	0.3	Low	Poor	Formally identified in local strategy	Standard time to target condition applied.	5	Low	0.66			
3	B&D Hedgerow Site B	Native hedge row with trees	0.055	Medium	Poor	Formally identified in local strategy	Standard time to target condition applied.	1	Low	0.24			
4	B&D Hedgerow Site A	Native hedge row with trees	0.072	Medium	Poor	Formally identified in local strategy	Standard time to target condition applied.	1	Low	0.32			
5													
6													
7													
8													
9													
			0.65							8.14			

