

The Biodiversity Metric 3.1 - Calculation Tool

Start page

Project details	
Planning authority:	Kirdees Council
Project name:	271 Cliffe Lane, Gomersal
Applicant:	Quarters Developments
Application type:	Full planning permission
Planning application reference:	2023/20293
Assessor:	Smeeden Foreman Limited.
Reviewer:	
Metric version:	Revision G
Assessment date:	Original issued 02.08.2023 Revision G issued 21.05.2024
Planning authority reviewer:	

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Results

View all

Reset view

Cell style conventions

	Enter data
	Automatic lookup
	Result

On-site baseline map

Insert

On-site post intervention map

Insert

Off-site baseline map

Insert

Off-site post intervention map

Insert

271 Cliffe Lane, Gomersal

Headline Results

Return to

On-site baseline	<i>Habitat units</i>	17.70
	<i>Hedgerow units</i>	3.82
	<i>River units</i>	0.00
On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	20.88
	<i>Hedgerow units</i>	4.97
	<i>River units</i>	0.00
On-site net % change <small>(Including habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	17.85%
	<i>Hedgerow units</i>	30.04%
	<i>River units</i>	0.00%
Off-site baseline	<i>Habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Total net unit change <small>(including all on-site & off-site habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	3.16
	<i>Hedgerow units</i>	1.15
	<i>River units</i>	0.00
Total on-site net % change plus off-site surplus <small>(including all on-site & off-site habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	17.85%
	<i>Hedgerow units</i>	30.04%
	<i>River units</i>	0.00%
Trading rules Satisfied?	Yes ✓	

271 Cliffe Lane, Gomersal
A-1 Site Habitat Baseline

Condense / Show Columns

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Ref	Habitats and areas		Area (hectares)	Distinctiveness	Condition	Strategic significance	Suggested action to address habitat losses	Ecological baseline
	Broad Habitat	Habitat Type						
1	CroSSLand	Modified grassland	0.0914	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.18
2	CroSSLand	Modified grassland	1.3838	Low	Poor	Location ecologically desirable but not in local strategy	Same distinctiveness or better habitat required ≥	3.04
3	CroSSLand	Modified grassland	0.2259	Low	Poor	Location ecologically desirable but not in local strategy	Same distinctiveness or better habitat required ≥	0.50
4	CroSSLand	Modified grassland	1.6536	Low	Poor	Location ecologically desirable but not in local strategy	Same distinctiveness or better habitat required ≥	3.64
5	Urban	Vegetated garden	0.0034	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.01
7	Heathland and shrub	Mixed scrub	0.0884	Medium	Moderate	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	0.81
8	Heathland and shrub	Blackthorn scrub	0.0249	Medium	Poor	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	0.11
9	Lakes	Ponds (Non- Priority Habitat)	0.0113	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	0.09
10	Sparsely vegetated land	Ruderal/Ephemeral	0.003	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.01
11	Urban	Vacant/derelict land/ bareground	0.0024	Low	Poor	Location ecologically desirable but not in local strategy	Same distinctiveness or better habitat required ≥	0.01
12	Urban	Introduced shrub	0.001	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.00
13	Urban	Developed land: sealed surface	0.0648	V Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00
14	Urban	Developed land: sealed surface	0.04	V Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00
15	Urban	Urban Tree	0.03662496	Medium	Moderate	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	0.34
16	Urban	Urban Tree	0.15283008	Medium	Moderate	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	1.41
17	Urban	Urban Tree	0.1894	Medium	Good	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	2.61
18	Urban	Urban Tree	0.2658	Medium	Good	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	3.51
19	Urban	Urban Tree	0.0081	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	0.07
20	Urban	Urban Tree	0.113	Medium	Moderate	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	1.04
21	Urban	Urban Tree	0.0366	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required ≥	0.32
22								
23								
24								
25								
26								
		Total habitat area	4.40					17.70

Area retained	Area enhanced	Retention category biodiversity value			Units lost	Bespoke compensation agreed for unacceptable losses	Comments	
		Baseline units retained	Baseline units enhanced	Area habitat lost			Assessor comments	Reviewer comments
0		0.00	0.00	0.09	0.18			
0		0.00	0.00	1.38	3.04			
0		0.00	0.00	0.23	0.50			
0		0.00	0.00	1.65	3.64			
0		0.00	0.00	0.00	0.01			
0		0.00	0.00	0.09	0.81			
0		0.00	0.00	0.02	0.11			
0		0.00	0.00	0.01	0.09			
0		0.00	0.00	0.00	0.01			
0		0.00	0.00	0.00	0.01			
0		0.00	0.00	0.00	0.00			
0.036625		0.34	0.00	0.00	0.00		Buildings B1-6	one medium tree (retained T17)
0.15283		1.41	0.00	0.00	0.00			two large trees (retained T1, T4)
0.1894		2.61	0.00	0.00	0.00			one medium tree, two large trees (retained T2, T3, T34)
0.2658		3.51	0.00	0.00	0.00			one medium tree, three large trees (retained T29, T30, T32, T33)
0		0.00	0.00	0.01	0.07			two small trees (removed T31, T36)
0		0.00	0.00	0.11	1.04			one medium tree, one large tree (removed T5, T5)
0		0.00	0.00	0.04	0.32			one medium tree (removed T28)
0.04	0.00	7.87	0.00	5.78	9.63			

Total area lost (excluding area of Urban trees and Green walls) 3.89

B-2 Site Hedge Creation

Condense / Show Columns

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Baseline ref	New hedge number	Proposed habitats		Habitat distinctiveness	Habitat condition	Strategic significance		Temporal multiplier		Diversity risk multiplier	Hedge units delivered	Comments	
		Habitat type	Length (km)	Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition/years	Final difficulty of creation	Assessor comments		Reviewer comments	
1		Native Species Rich Hedgerow	0.153202	Medium	Moderate	Formally identified in local strategy	Standard time to target condition applied	5	Low	1.18	Mixed species native hedgerow		
2													
3													
4													
5													
6													
			0.18							1.18			