


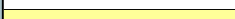




The Statutory Biodiversity Metric
Start page

Project details			
Planning authority:			
Project name:	Stairfoot Brickworks		
Applicant:	Potters Ballotini Ltd		
Application type:			
Planning application reference:			
Completed by:	Helen Staton		
Date of metric completion:	03 April 2024		
Reviewer:	Charlotte Haylock		
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):	6.36	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

Stairfoot Brickworks
Headline Results
Scroll down for final results 

Return to
results menu

On-site baseline	Habitat units	28.62	
	Hedgerow units	0.20	
	Watercourse units	0.00	
On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	31.60	
	Hedgerow units	2.28	
	Watercourse units	0.00	
On-site net change <small>(units & percentage)</small>	Habitat units	4.98	18.70%
	Hedgerow units	2.08	1014.33%
	Watercourse units	0.00	0.00%

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	4.98	
	Hedgerow units	2.08	
	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	4.98	
	Hedgerow units	2.08	
	Watercourse units	0.00	
Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	18.70%	
	Hedgerow units	1014.33%	
	Watercourse units	0.00%	
Trading rules satisfied?	Yes ✓		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	28.62	29.28	0.00	No additional area habitat units required to meet target ✓
Hedgerow units	10.00%	0.20	0.23	0.00	No additional hedgerow units required to meet target ✓
Watercourse units	10.00%	0.00	0.00	0.00	No additional watercourse units required to meet target ✓

Project Name: **Stairfoot Reservoirs - M60 Reference**
A-2 On-Site Habitat Creation

Calculate / Show Columns

Calculate / Show Rows

Main Menu

Area habitat summary

Total Net Hect Change **4.68**

Total Net Hect Change **18.30%**

Trading Scheme Installed **Yes ✓**

Area Check **Area Acceptable ✓**

Ref	Broad habitat	Proposed habitat	Area (hectares)	Disturbance		Condition		Strategic significance					Post intervention habitat		Temporal multiplier		Difficulty multipliers					Comments		
				Disturbance	Score	Condition	Score	Strategic significance	Strategic significance multiplier	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	Habitat units delivered	Other comments	Planning authority comments	Habitat reference number
1	Woodland and forest	Other woodland, broadleaved	0.1276	Medium	4	Medium	2	Locations ecologically desirable but not in broad strategy	Medium strategic significance	1.1	10			Standard time to target condition applied	10	0.986	Low	Standard difficulty applied	Low	1	0.71	Woodland planting		
2	Urban	Developed land, sealed surfaces	0.2287	Very Low	0	Not - Other	0	Locations ecologically desirable but not in broad strategy	Medium strategic significance	1.1	0			Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00	Developed land		
3	Plantland and shrubs	Mixed scrub	0.809	Medium	4	Medium	2	Locations ecologically desirable but not in broad strategy	Medium strategic significance	1.1	5			Standard time to target condition applied	5	0.917	Low	Standard difficulty applied	Low	1	4.48	Nature shrubs / scrub planting		
4	Urban	Roofs	0.0095	Low	2	Good	3	Locations ecologically desirable but not in broad strategy	Medium strategic significance	1.1	5			Standard time to target condition applied	5	0.989	Medium	Standard difficulty applied	Medium	0.07	0.80	Roofs		
5	Grassland	Other natural grassland	0.7777	Medium	4	Medium	2	Locations ecologically desirable but not in broad strategy	Medium strategic significance	1.1	5			Standard time to target condition applied	5	0.917	Low	Standard difficulty applied	Low	1	5.73	Species rich natural grassland		
6	Urban	Ponds (non-priority habitats)	0.0094	Medium	4	Medium	2	Locations ecologically desirable but not in broad strategy	Medium strategic significance	1.1	5			Standard time to target condition applied	5	0.989	Low	Standard difficulty applied	Low	1	0.80	Alternative basins		
7	Urban	Introduced shrubs	0.0223	Low	2	Condition Assessment N/A	1	Locations ecologically desirable but not in broad strategy	Medium strategic significance	1.1	1			Standard time to target condition applied	1	0.985	Low	Standard difficulty applied	Low	1	0.00	Conservation shrub planting		
8	Grassland	Modified grassland	0.0803	Low	2	Poor	1	Locations ecologically desirable but not in broad strategy	Medium strategic significance	1.1	1			Standard time to target condition applied	1	0.985	Low	Standard difficulty applied	Low	1	0.18			
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Project Name: Shalford Brickworks Map Reference:

B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

Map Menu

Hedgerow summary	
Total Net Unit Change	8.08
Total Net % Change	1014.89%
Trading Rules Satisfied	Yes ✓

Ref	Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline
	Hedge number	Habitat type	Length (m)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		
1	1	Native hedgerow	0.0465	Low	2	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness level or better	0.20
2												
3												
4												
5												
6												
			0.08									
												0.20

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
		0.00	0.00	0.05	0.20			
0.00	0.00	0.00	0.00	0.05	0.20			

Project Name: Stairfoot Brickworks

Map Reference:

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedge row summary	
Total Net Unit Change	1.08
Total Net % Change	104.83%
Trading Units Detailed	Yes ✓

		Proposed habitats		Distinctiveness		Condition		Strategic significance			Temporal multiplier					Difficulty risk multipliers					Hedge units delivered	Comments			
Ref	New hedge number	Habitat type	Length (m)	Distinctiveness	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	1	Species-rich native hedgerow	0.3098	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	8		Standard time to target condition applied	8	0.937	Low	Standard difficulty applied	Low	1	2.28	h2 hedgerows				
2																									
3																									
4																									
5																									
6																									
7																									
8																									
			0.81																			2.58			

Return to results menu

Trading summary highlights

Trading summary watercourses

Trading Summary			
Distinctiveness Group	Trading Rule	Trading Satisfied?	
Very High	Same habitat required - bioprobe compensation options ok	Yes ✓	
High	Same habitat required =	Yes ✓	
Medium	Same broad habitat or a higher distinctiveness habitat required (1)	Yes ✓	
Low	Same distinctiveness or better habitat required >	Yes ✓	

Very High Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project-wide unit change	Unit losses
Grassland - Lowland dry acid grassland	Grassland	0.00	0.00	0.00	
Grassland - Lowland meadow	Grassland	0.00	0.00	0.00	
Grassland - Upland hay meadows	Grassland	0.00	0.00	0.00	
Heathland and shrub - Mountain heath and willow scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Aquatic bed naturally fluctuating water bodies	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Calluna/marine or salt-tolerant	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Limestone pavement	Sparsely vegetated land	0.00	0.00	0.00	
Wetland - Bogs	Wetland	0.00	0.00	0.00	
Wetland - Depressions on peat substrates (H2150)	Wetland	0.00	0.00	0.00	
Wetland - Fens (upland and lowland)	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bogs	Wetland	0.00	0.00	0.00	
Wetland - Oceanic valley mires (1, F21.1)	Wetland	0.00	0.00	0.00	
Wetland - Purple moor grass and rush pastures	Wetland	0.00	0.00	0.00	
Wetland - Transition mires and quaking bogs (H2140)	Wetland	0.00	0.00	0.00	
Woodland and forest - Wood pasture and parkland	Woodland and forest	0.00	0.00	0.00	
Rocky shore - High energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Low energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Features of littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Littoral seagrass on peat, clay or chalk	Intertidal sediment	0.00	0.00	0.00	
		0.00	0.00	0.00	0.00

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Lots for like not satisfied	0.00

High Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project-wide unit change	Losses not yet accounted for
Grassland - Traditional orchards	Grassland	0.00	0.00	0.00	
Grassland - Floodplain wetland mosaic and CFM	Grassland	0.00	0.00	0.00	
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (H6430)	Grassland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Lowland heathland	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Dunes with sea buckthorn (H4180)	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Upland heathland	Heathland and shrub	0.00	0.00	0.00	
Lakes - High alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Low alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Mire lakes	Lakes	0.00	0.00	0.00	
Lakes - Moderate alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Peat lakes	Lakes	0.00	0.00	0.00	
Lakes - Fens (priority habitat)	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes ponds and pools (H1170)	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Coastal sand dunes	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Coastal vegetated dune	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Inland rock outcrop and scree habitats	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Maritime cliff and slopes	Sparsely vegetated land	0.00	0.00	0.00	
Urban - Open mosaic habitats on previously developed land	Urban	0.00	0.00	0.00	
Wetland - Reedbeds	Wetland	0.00	0.00	0.00	
Woodland and forest - Fens/plateau/plateau for inland woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland birch and pine woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland mixed deciduous woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Native pine woodlands	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland birchwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland mixed hardwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland oakwood	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Wet woodland	Woodland and forest	0.00	0.00	0.00	
Coastal limestone - Coastal limestone	Coastal limestone	0.00	0.00	0.00	
Rocky shore - High energy littoral rock	Rocky shore	0.00	0.00	0.00	
Rocky shore - Moderate energy littoral rock	Rocky shore	0.00	0.00	0.00	
Rocky shore - Low energy littoral rock	Rocky shore	0.00	0.00	0.00	
Rocky shore - Features of littoral rock	Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Littoral mud	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral mixed sediments	Intertidal sediment	0.00	0.00	0.00	
Coastal saltmarsh - Saltmarshes and saline reedbeds	Coastal saltmarsh	0.00	0.00	0.00	
Intertidal sediment - Littoral biogenic reefs - Marine	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral biogenic reefs - Sublittoral	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Features of littoral sediment	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral muddy sand	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral seagrass	Intertidal sediment	0.00	0.00	0.00	
		0.00	0.00	0.00	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Lots for like not satisfied	0.00

Medium Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project wide unit change	Cumulative broad habitat change
Cropland - Arable field margins cultivated annually	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins game bird mix	Cropland	0.00	0.00	0.00	0.00
Cropland - Arable field margins pollen and nectar	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins tussocky	Cropland	0.00	0.00	0.00	
Grassland - Other lowland acid grassland	Grassland	0.00	0.00	0.00	0.50 ✓
Grassland - Other neutral grassland	Grassland	0.00	0.00	0.00	
Grassland - Upland acid grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Calluna scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Bramble scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Gorse scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Willow scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Mixed scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Fens (non priority habitat)	Lakes	0.00	0.00	0.00	0.57 ✓
Sparsely vegetated land - Other inland rock and scree	Sparsely vegetated land	0.00	0.00	0.00	0.00
Urban - Cemetery and churchyards	Urban	0.00	0.00	0.00	0.00
Urban - Bioactive green roof	Urban	0.00	0.00	0.00	
Individual trees - Urban trees	Individual trees	0.00	0.00	0.00	0.00
Individual trees - Rural trees	Individual trees	0.00	0.00	0.00	
Woodland and forest - Other deciduous woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other woodland, broadleaved	Woodland and forest	0.49	0.00	0.49	0.49 ✓
Woodland and forest - Other woodland, mixed	Woodland and forest	0.00	0.00	0.00	
Intertidal sediment - Littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral sand	Intertidal sediment	0.00	0.00	0.00	0.00
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGGI)	Intertidal hard structures	0.00	0.00	0.00	
		0.51	0.00	0.51	

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.51 ✓
Medium Distinctiveness Broad Habitat losses to be offset by trading up	0.00
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.00
Cumulative surplus of units	0.51 ✓

Low Distinctiveness				
Habitat group	Group	On-site unit change	Off-site unit change	Project wide unit change
Cropland - Cereal crops	Cropland	0.00	0.00	0.00
Cropland - Horticulture	Cropland	0.00	0.00	0.00
Cropland - Intensive orchards	Cropland	0.00	0.00	0.00
Cropland - Non-cereal crops	Cropland	0.00	0.00	0.00
Cropland - Temporary grass and clover leys	Cropland	0.00	0.00	0.00
Cropland - Winter stubble	Cropland	0.00	0.00	0.00
Grassland - Mixed or grassland	Grassland	0.18	0.00	0.18 ✓
Grassland - Rough	Grassland	0.00	0.00	0.00
Heathland and shrub - Redwood/deciduous scrub	Heathland and shrub	0.00	0.00	0.00
Lakes - Ornamental lake or pond	Lakes	0.00	0.00	0.00
Sparsely vegetated land - Redwood/deciduous scrub	Sparsely vegetated land	1.25	0.00	1.25
Sparsely vegetated land - Tall for	Sparsely vegetated land	0.00	0.00	0.00
Urban - Bare ground	Urban	0.00	0.00	0.00
Urban - Allotments	Urban	0.00	0.00	0.00
Urban - Facade based green wall	Urban	0.00	0.00	0.00
Urban - Ground based green wall	Urban	0.00	0.00	0.00
Urban - Ground based green wall	Urban	0.00	0.00	0.00
Urban - Other green roof	Urban	0.00	0.00	0.00
Urban - Intensive green roof	Urban	0.00	0.00	0.00
Urban - Intensive green roof	Urban	0.00	0.00	0.00
Urban - Rain gardens	Urban	0.00	0.00	0.00
Urban - Actively wooded area pat quarry or open site mine	Urban	0.00	0.00	0.00
Urban - Sustainable drainage system	Urban	0.00	0.00	0.00
Urban - Vacant or derelict land	Urban	0.00	0.00	0.00
Urban - Vegetated garden	Urban	0.00	0.00	0.00
Woodland and forest - Other coniferous woodland	Woodland and forest	0.00	0.00	0.00
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	Coastal saltmarsh	0.00	0.00	0.00
Intertidal sediment - Artificial littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mud	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral muddy sand	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mixed sediments	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mud	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral biogenic reefs	Intertidal sediment	0.00	0.00	0.00
Intertidal hard structures - Artificial hard structures	Intertidal hard structures	0.00	0.00	0.00
Intertidal hard structures - Artificial features of hard structures	Intertidal hard structures	0.00	0.00	0.00
Heathland and shrub - Other sea buckthorn scrub	Heathland and shrub	0.00	0.00	0.00
		-0.84	0.00	-0.84

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.51
Cumulative surplus of units	-0.84