

The Biodiversity Metric 4.0 - Calculation Tool

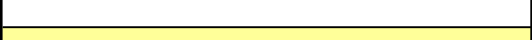
Start page

Project details			
Planning authority:			
Project name:	Broad Street Mall		
Applicant:	McLaren (Broad Street Mall) Limited and UREF III LP		
Application type:			
Planning application reference:			
Completed by:	LH		
Date of metric completion:	11 January 2024		
Reviewer:	CF		
Version control:	C03		
Consenting body reviewer:			
Date of consenting body review:			
Target % net gain:	10%		
Irreplaceable habitat present on-site at baseline:	No		
Total site area (including irreplaceable habitat area):	0.72	Irreplaceable habitat area at baseline:	0.00

Instructions

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 lookup
	Result

View all

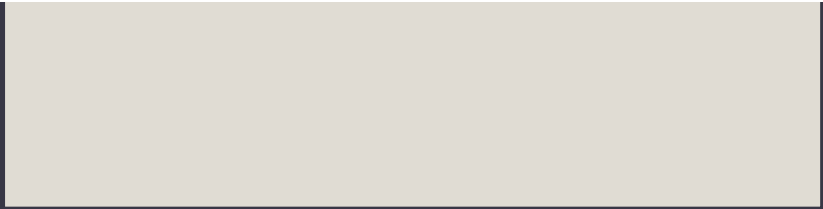
Reset view

On-site baseline map

Insert

On-site post intervention map

Insert

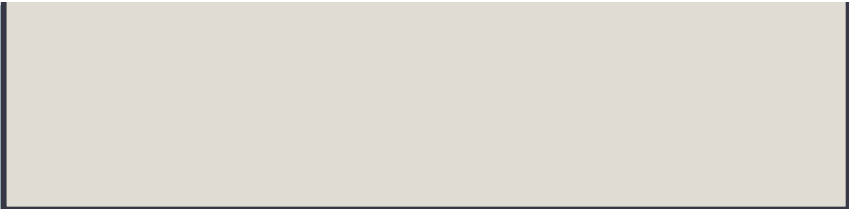


On-site baseline map reference number	
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Insert

Off-site baseline map reference number	
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On-site post-intervention map reference number	
--	--



Insert

Off-site post-intervention reference number	
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Area habitats



Hedgerows and lines of trees



Watercourses

The Biodiversity Metric 4.0 - Calculation Tool

Main menu

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Instructions

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	8	0.0326		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Total	0	0.0000	8	0.0326	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 Biodiversity Metric 4.0 - Calculation Tool

Results

Return to start
page

Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

Broad Street Mall
Headline Results
Scroll down for final results ⚠

Return to
results menu

On-site baseline	Habitat units	0.08		
	Hedgerow units	0.00		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.45		
	Hedgerow units	0.14		
	Watercourse units	0.00		
On-site net change (units & percentage)	Habitat units	0.37	463.25%	
	Hedgerow units	0.14	N/A	Zero baseline units - % cannot be calculated
	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 (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	0.37		
	Hedgerow units	0.14		
	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 (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	0.37		
	Hedgerow units	0.14		
	Watercourse units	0.00		
	Habitat units	463.25%		

Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)			Hedgerow units	N/A	0 baseline units - % cannot be calculated
			Watercourse units	0.00%	
Trading rules satisfied?			Yes ✓		
Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	0.08	0.09	0.00	Unit requirement met or surpassed ✓
Hedgerow units	10.00%	0.00	0.00	0.00	Unit requirement met or surpassed ✓
Watercourse units	10.00%	0.00	0.00	0.00	Unit requirement met or surpassed ✓

Project Name: Broad Street Mall Map Reference:

A-1 On-Site Habitat Baseline

Area habitat summary	
Total Net Unit Change	0.37
Total Net % Change	463.25%
Trading Rules Satisfied	Yes ✓

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Existing area habitats				Distinctiveness		Condition		Strategic significance	
Ref	Broad Habitat	Habitat Type	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance
1	Urban	Developed land; sealed surface	0.7026	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
2	Crassland	Modified grassland	0.0109	Low	2	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
3	Sparsely vegetated land	Ruderal/Ephemeral	0.0075	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
4									
5									
6									
7									
8									
Total habitat area			0.72						
Site Area (Excluding area of Individual trees and Green walls)			0.72						

M² to hectares conversion tool:

Select a unit

Hectares

M²

	Required Action to Meet Trading Rules	Ecological baseline	Retention category biodiversity value						Bespoke compensation agreed for unacceptable losses	
Strategic Significance multiplier		Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost		User comments
1	Compensation Not Required	0.00			0.00	0.00	0.70	0.00		
1	Same distinctiveness or better habitat required ≥	0.07			0.00	0.00	0.01	0.07		
1	Same distinctiveness or better habitat required ≥	0.02			0.00	0.00	0.01	0.02		
		0.08	0.00	0.00	0.00	0.00	0.72	0.08		

Total area lost (excluding area of Individual trees and Green walls)	0.72
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Comments	
Consenting body comments	GIS reference number

Project Name: Broad Street Mall Map Reference:

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Area habitat summary	
Total Net Unit Change	0.37
Total Net % Change	463.25%
Trading Rules Satisfied	Yes ✓
Area Check (excluding individual trees and green walls)	Area Acceptable ✓

Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness		Condition		Strategic significance	
			Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance
							Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
Individual trees	Urban tree	0.0133	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
Urban	Introduced shrub	0.0012	Low	2	Condition Assessment N/A	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
Urban	Intensive green roof	0.0134	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
Urban	Biodiverse green roof	0.0814	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
Urban	Developed land; sealed surface	0.63	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance

Total habitat area	0.73
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Site Area (Excluding area of Individual trees and Green walls)	0.72
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M² to hectares conversion tool:	Select a unit	Hectares	M²

Habitat units delivered	Comments		GIS reference number
	User comments	Consenting body comments	
	Amenity grassland (species poor)		
0.04			
0.00	Flower-rich perennial planting		
0.05	Extensive green roof with substrate of minimum settled depth of 80mm.		
0.37	Intensive green roof or vegetation over structure. Substrate minimum settled depth of 150mm.		
0.00			
0.45			



Temporal multiplier						Difficulty risk multipliers				Hedge units delivered	Comments
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
1	0	0	Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	0.14	
										0.14	



ments	
Consenting body comments	GIS reference number