

The Statutory Biodiversity Metric
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Project details			
Planning authority:	North Herts Council		
Project name:	Westfield Energy Conservation Park		
Applicant:	Lightrock Power Limited		
Application type:			
Planning application reference:			
Completed by:	Ben Wagstaffe		
Date of metric completion:	04 July 2025		
Reviewer:	Ellie Delaney		
Calculation iteration:	V2		
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	Yes ⚠		
Total site area - including irreplaceable habitat area (hectares):	187.37	Irreplaceable habitat site area (hectares):	1.22
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

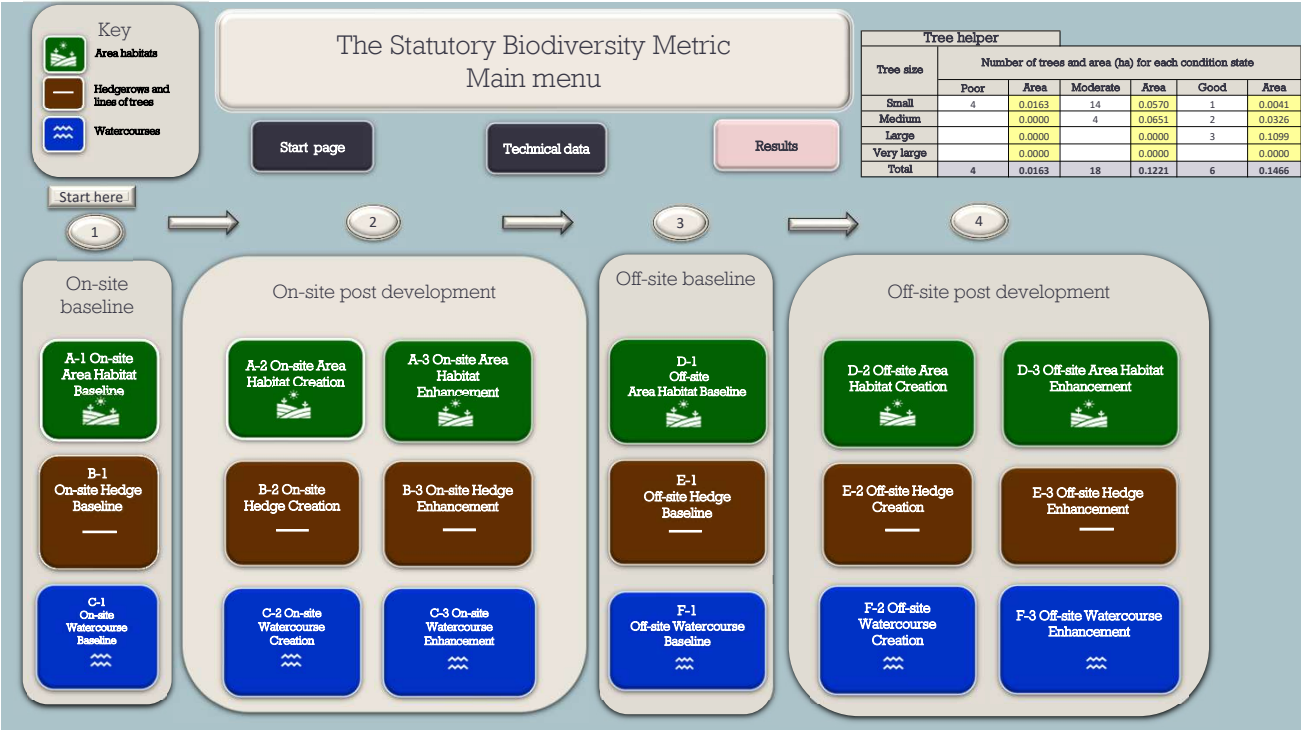
Off-site post-intervention reference number

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Westfield Energy Conservation Park
Headline Results
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On-site baseline	Habitat units	422.32	
	Hedgerow units	73.53	
	Watercourse units	6.15	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	731.90	
	Hedgerow units	85.71	
	Watercourse units	7.62	
On-site net change (units & percentage)	Habitat units	309.58	73.30%
	Hedgerow units	12.18	16.57%
	Watercourse units	1.37	22.34%

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	309.58	
	Hedgerow units	12.18	
	Watercourse units	1.37	
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	309.58	
	Hedgerow units	12.18	
	Watercourse units	1.37	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	73.30%	
	Hedgerow units	16.57%	
	Watercourse units	22.34%	
Trading rules satisfied?	Yes 		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	422.32	464.55	0.00	No additional area habitat units required to meet target 
Hedgerow units	10.00%	73.53	80.88	0.00	No additional hedgerow units required to meet target 
Watercourse units	10.00%	6.15	6.76	0.00	No additional watercourse units required to meet target 

MP to Institute conversion tech	Select a unit	Features	MP

Project Name: Wentfield Reserve Conservation Park - Map Reference:		Area habitat summary												
A-3 On-Site Habitat Creation		Total list that Change	100.00											
		Total list % Change	10.00%											
		Travelling Index Estimated	Yes ✓											
		Area Check	Area Acceptable ✓											
Condition / Drive Column		Condition / Drive Rows												
Main Menu														
PORT LINDSEY REGION														
Ref	Broad habitat	Proposed habitat	Area (hectares)	Establishment	Condition	Strategic alignment	Temporary mitigation	Final time to target condition (years)	Final difficulty of creation	Rehabilitated area delivered	Comments			
				Disturbance	Condition	Strategic alignment					Standard or adjusted time to target condition		Other comments	Funding/enrichment comments
1	Grassland	Modified grassland	158.4078	Low	Moderate	Acres/compensation not in local strategy or local strategy	Decided time to target condition applied	4	Low	169.76		Native grassland areas		
2	Grassland	Other natural grassland	21.2511	Medium	Moderate	Acres/compensation not in local strategy or local strategy	Decided time to target condition applied	5	Low	142.22		Medlowe planting		
3	Grassland	Other natural grassland	26.4924	Medium	Poor	Acres/compensation not in local strategy or local strategy	Decided time to target condition applied	2	Low	99.08		Style's reintroduction		
4	Heathland and shrub	Mixed scrub	3.0481	Medium	Moderate	Acres/compensation not in local strategy or local strategy	Decided time to target condition applied	5	Low	14.23		Native shrubs		
5	Lane	Heath (low priority habitat)	0.0087	Medium	Moderate	Acres/compensation not in local strategy or local strategy	Decided time to target condition applied	3	Low	0.04				
6	Upland	Modified, strengthened, wooded surface	2.2333	V Low	10% Other	Acres/compensation not in local strategy or local strategy	Decided time to target condition applied	0	Low	0.01		Access		
7	Upland	Developed land, wooded surface	9.2731	V Low	10% Other	Acres/compensation not in local strategy or local strategy	Decided time to target condition applied	0	Low	0.01				
8	Woodland and forest	Other woodland, broadleaved	6.0094	Medium	Poor	Acres/compensation not in local strategy or local strategy	Decided time to target condition applied	5	Low	22.25		Woodland planting		
9	Grassland	Modified grassland	0.0080	Low	Poor	Acres/compensation not in local strategy or local strategy	Decided time to target condition applied	1	Low	0.12		Great track		
10														
11														
12														
13														
14														
15														
Total habitat area			171.88							606.90				
Site Area (including area of individual trees, green walls, terrestrial habitat etc.)			171.88											
MP to better represent local				MP	Reference	MP								
				10000	10000	10000								

Project Name: Westfield Energy Conservation Yards - Map Submissions	
B-3 On-Site Hedge Creation	
City/County: Clark County	City/County: Clark County
Map Name:	

Hedgeplant summary	
Total # of trees to be planted	10,000
Percent Native Species	100%

Proposed Initiative			Disturbance		Condition		Strategy effectiveness			Vegetation multiplier				Efficiency multiplier				Hedge area calculated		Comments		
Ref	Map hedge number	Initiative type	Length (ft)	Disturbance	Score	Condition	Score	Strategy effectiveness	Strategy effectiveness multiplier	Standard time to achieve (years)	Adjusted standard time to achieve (years)	Delay to starting hedge condition (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target condition (years)	Standard efficiency multiplier	Applied efficiency multiplier	Final efficiency multiplier	Efficiency multiplier applied	Tree estimate	Planting authority estimate	Related number
1		Systematic native hedgeplanting with trees	1,125	High	5	Good	5	Consistent/consistent to 10% better strategy for standard condition	1.0	10	10	0	10	10	10	1.0	1.0	1.0	1.0	10,000	Engineered hedge which captures hedgeplant with 100%	
2																						
3																						
4																						
5																						
			1,125																	10,000		

Project Name: Worfield Energy Conservation Park

Map

C-1 On-Site Watershed Baseline

Condition: Above Critical

Condition: Above Range

Loss: None

Watercourse summary		
Total Not Yet Change	1.31	
Total Not Yet Change	10.00	
Trailing Value Reduced	Yes ✓	

Relating watercourse type		Disturbance	Condition	Strategic significance	Watercourse network	Reported	Revised							Regulate compensation	Comments				
Ref	Watercourse type	Length (m)	Disturbance	Condition	Strategic significance	Initial of network	Initial of network	Reported	Revised	Length reduced	Length enhanced	Value reduced	Value enhanced	Length lost	Value lost	Regulate compensation	User Comments	Planning authority comments	Tablet reference number
1	Drainage	0.000	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.00	0.00	0.00				Discontinuity from agricultural activity		D1
2	Drainage	0.000	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.00	0.00	0.00				Discontinuity from agricultural activity		D2
3	Drainage	0.170	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.170	0.00	0.00				Discontinuity from agricultural activity		D3
4	Drainage	0.181	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.181	0.00	0.00				Discontinuity from agricultural activity		D4
5	Drainage	0.000	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.000	0.00	0.00				Discontinuity from agricultural activity		D5
6	Drainage	0.000	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.000	0.00	0.00				Discontinuity from agricultural activity		D6
7	Drainage	0.000	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.000	0.00	0.00				Discontinuity from agricultural activity		D7
8	Drainage	0.000	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.000	0.00	0.00				Discontinuity from agricultural activity		D8
9	Drainage	0.000	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.000	0.00	0.00				Discontinuity from agricultural activity		D9
10	Drainage	0.000	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.000	0.00	0.00				Discontinuity from agricultural activity		D10
11	Drainage	0.000	Medium	Good	Reclassification not in local plan, as it is not a watercourse in the local plan	No	Reclassification	Reclassification	Reclassification	0.00	0.000	0.00	0.00				Discontinuity from agricultural activity		D11
		1.35								0.00	1.35	0.00	0.00						

[illegible]

Kategori: Kognitif	
1. Mengidentifikasi	2. Menganalisis
3. Mengevaluasi	4. Mencipta
5. Mengaplikasikan	6. Menginterpretasi
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