

The Biodiversity Metric 4.0

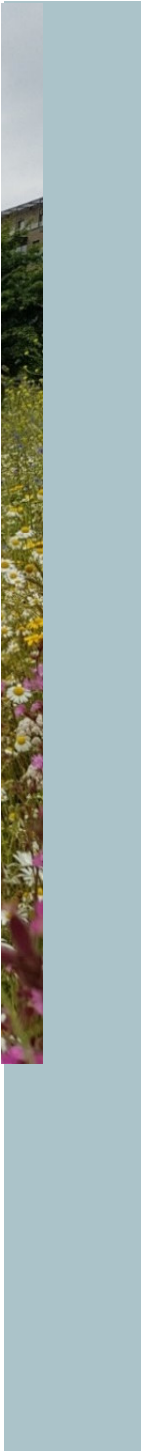
Auditing and accounting for biodiversity

Calculation Tool

[Open Tool](#)

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The Biodiversity Metric 4.0 - Calculation Tool

Start page

Project details			
Planning authority:	Arun		
Project name:	Land West of Summer Lane Pagham		
Applicant:	Foreman Homes Ltd		
Application type:	RM		
Planning application reference:	P/153/21/RES		
Completed by:	LP/APD		
Date of metric completion:	31.07.23		
Reviewer:			
Version control:			
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):	17.77	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 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 Biodiversity Metric 4.0 - Calculation Tool Instructions

Double click the front page below to open the file

Start page

Main menu

Phase 1 - metric
habitat translation
tool

This guide can also be found as an Appendix to the main
Biodiversity Metric 4.0 – User guide.

The Biodiversity Metric 4.0

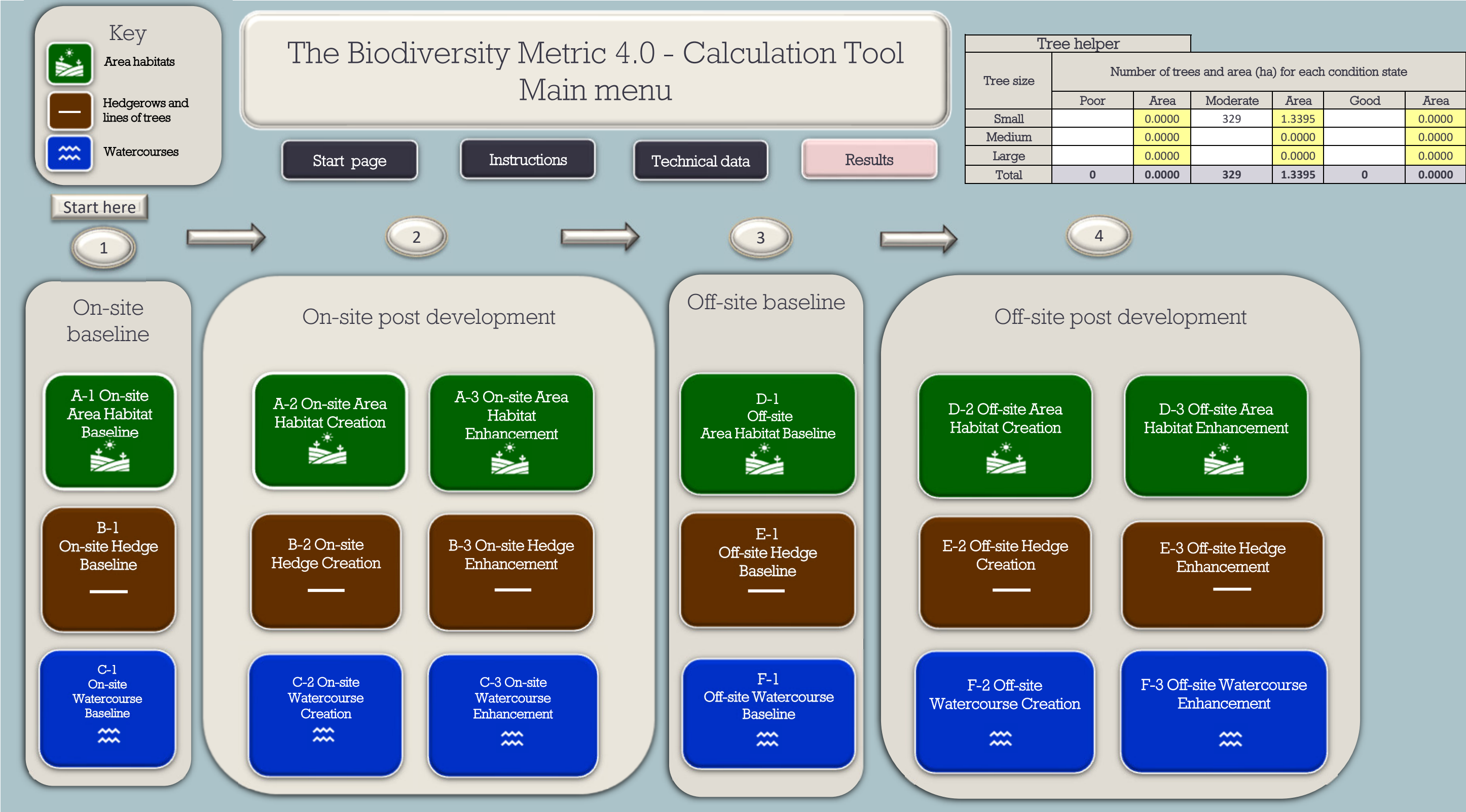
Short Data Input Guide

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The Biodiversity Metric 4.0 - Calculation Tool Results

Return to start
page

Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

Land West of Summer Lane Pagham
Headline Results
Scroll down for final results ⚠

Return to
results menu

On-site baseline	Habitat units	36.53	
	Hedgerow units	9.33	
	Watercourse units	1.28	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	47.92	
	Hedgerow units	16.48	
	Watercourse units	3.86	
On-site net change (units & percentage)	Habitat units	11.38	31.16%
	Hedgerow units	7.15	76.63%
	Watercourse units	2.57	200.39%

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	11.38
	Hedgerow units	7.15
	Watercourse units	2.57
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	11.38
	Hedgerow units	7.15
	Watercourse units	2.57
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	31.16%
	Hedgerow units	76.63%
	Watercourse units	200.39%
Trading rules satisfied?	Yes ✓	

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	36.53	40.18	0.00
Hedgerow units	10.00%	9.33	10.26	0.00
Watercourse units	10.00%	1.28	1.41	0.00

Unit requirement met or surpassed ✓

Unit requirement met or surpassed ✓

Unit requirement met or surpassed ✓

Land West of Summer Lane Pugham

Detailed Results

Return to results menu

Summary Figures

Net project biodiversity units (including all on-site & off-site habitat retention / creation)	Baseline value	11.88
	Development value	5.87
Total project biodiversity % change (including all on-site & off-site habitat creation + retained habitat)	Baseline value	81.89%
	Development value	79.69%

Combined habitat retention and enhancement

	Baseline	Hedgerows	Watercourses
Total on-site and off-site baseline area / length	25.00	0.00	0.00
Total on-site and off-site baseline area	25.00	0.00	0.00
Total on-site and off-site baseline area / length retained	0.00	0.00	0.00
Total on-site and off-site baseline area retained	0.00	0.00	0.00
Area / length proposed for enhancement	0.00	0.00	0.00
Baseline area proposed for enhancement	0.00	0.00	0.00
Total on-site and off-site baseline area / length lost	17.71	0.00	0.00
Total on-site and off-site baseline area lost	0.00	0.00	0.00

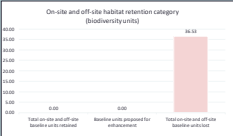
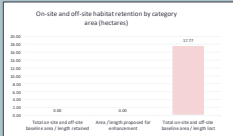
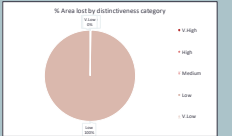
Area habitats

On-site change by broad habitat type

Habitat group	Baseline		Post-development on-site		On-site change	
	On-site existing area	On-site existing value	On-site proposed area	On-site proposed value	On-site area change	On-site value change
Arable	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00

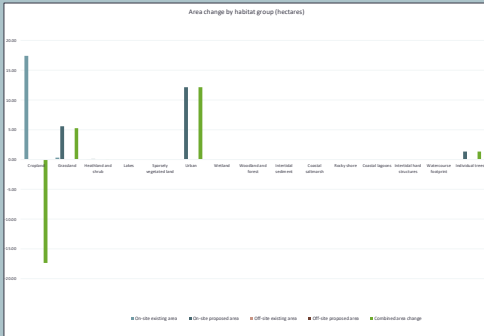
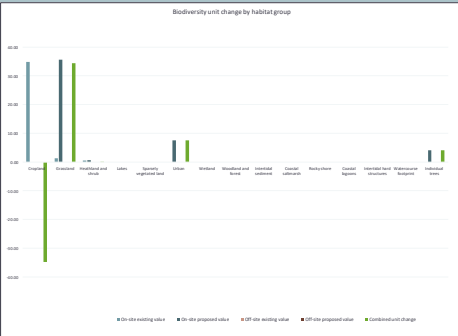
Combined area lost by distinctiveness band

Category	Area lost (hectares)	Area lost (%)
Very high	0	0
High	0	0
Medium	6.000	0
Low	17.016	100
Value	0	0



Off-site change by broad habitat type

Habitat group	Baseline		Post-development off-site		Off-site change	
	Off-site existing area	Off-site existing value	Off-site proposed area	Off-site proposed value	Off-site area change	Off-site value change
Arable	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00



Combined on-site and off-site change by broad habitat type

Habitat group	Baseline		Post-development		Combined change	
	Combined existing area	Combined existing value	Combined proposed area	Combined proposed value	Combined area change	Combined value change
Arable	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00

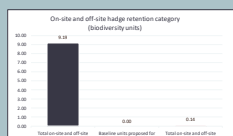
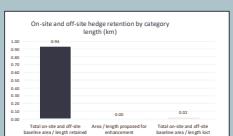
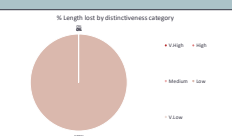
Hedgerows and lines of trees

On-site change by hedgerow type

Hedgerow type	Baseline		Post-development on-site		On-site change	
	On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site area change	On-site value change
Arable	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00

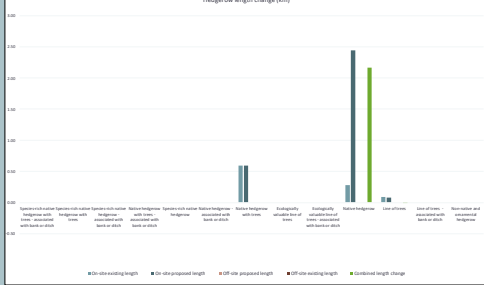
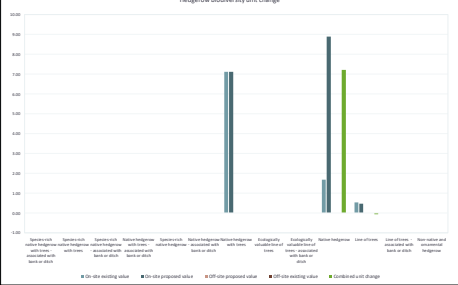
Combined length lost by distinctiveness band

Category	Length lost (km)	Length lost (%)
Very high	0	0
High	0	0
Medium	0	0
Low	0.004	100
Value	0	0



Off-site change by hedgerow type

Hedgerow type	Baseline		Post-development off-site		Off-site change	
	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site area change	Off-site value change
Arable	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00



Combined on-site and off-site change by hedgerow type

Hedgerow type	Baseline		Post-development		Change	
	Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change	Combined value change
Arable	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00

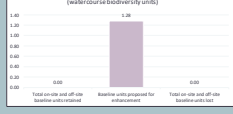
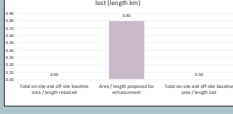
Watercourses

On-site change by watercourse type

Watercourse type	Baseline		Post-development on-site		On-site change	
	On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site area change	On-site value change
Arable	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00

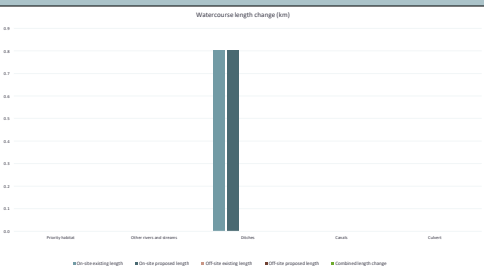
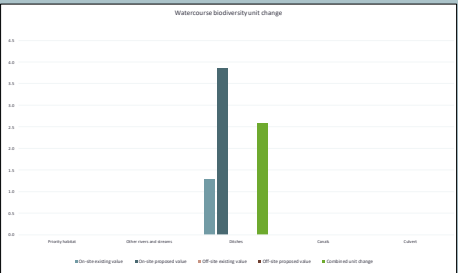
Combined length lost by distinctiveness band

Category	Length lost (km)	Length lost (%)
Very high	0	0
High	0	0
Medium	0	0
Low	0	0
Value	0	0



Off-site change by watercourse type

Watercourse type	Baseline		Post-development off-site		Off-site change	
	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site area change	Off-site value change
Arable	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00



Combined on-site and off-site change by watercourse type

Watercourse type	Baseline		Post-development		Change	
	Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change	Combined value change
Arable	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00

Trading Summary		
Disinfectant Group	Trading Rule	Trading Status?
Very High	Sense habitat required =	Yes ✓
High	Like for like or better	Yes ✓
Medium	Same disinfectant or better habitat required	Yes ✓
Low/Very Low	Same disinfectant or better habitat required	Yes ✓

Very High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Very High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Unit Deficit; Like for like not satisfied	0.00

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow with trees	0.00	0.00	0.00
Species-rich native hedgerow - associated with trees or shrub	0.00	0.00	0.00
Native hedgerow with trees - associated with trees or shrub	0.00	0.00	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Unit Deficit; Like for like or better not satisfied	0.00

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	0.00	0.00	0.00
Ecologically valuable line of trees	0.00	0.00	0.00
Ecologically variable low of trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Medium Distinctiveness Summary	
Units available from higher distinctiveness business	0.00
Medium Distinctiveness not change in units	0.00
Cumulative availability of units	0.00

Low/Very Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native landscape	7.21	0.00	7.21
Edge of Forest	0.00	0.00	0.00
Low of trees - associated with bank or ditch	0.00	0.00	0.00
New native and non-native landscape	0.00	0.00	0.00
	7.18	0.00	7.18

Low Distinctiveness Summary	
Low Distinctiveness net change in units	7.15
Correlative availability of units	7.15

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- Trading summary Area Habitats
- Trading summary hedgerows

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Bespoke compensation likely to be required ✖	Yes ✓
High	Same habitat required =	Yes ✓
Medium	Same habitat required =	Yes ✓
Low	Better distinctiveness habitat required	Yes ✓

Very High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Priority habitat	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

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Other rivers and streams	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
Unit Deficit; Like for like not satisfied	0.00

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Ditches	2.57	0.00	2.57
Canals	0.00	0.00	0.00
	2.57	0.00	2.57

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	2.57
Unit Deficit; Like for like not satisfied	0.00

Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Culvert	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.00
Cumulative availability of units	2.57

[illegible]

[illegible]

Project Name: Land West of Reamer Lane Pegasus Map Reference: C-3 On-Site WaterC² Enhancement

Classified / Risk Rating: Classified / Green Risk

Other Info: Not Applicable

Watercourse summary		
Total Site Change	0.00	0.00
Total Site Change	0.00	0.00
Transfer Value Added	0.00	0.00

Baseline habitat												Proposed Watercourse Type (To be populated once the watercourse is created)												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed watercourse												Proposed 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