The Statuto

Project det	
Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Completed by:	
Date of metric completion:	
Reviewer:	
Calculation iteration:	
Planning authority reviewer:	
Date of planning authority review:	
Target % net gain:	10%
Irreplaceable habitat present at baseline:	
Total site area - including irreplaceable habitat area (hectares):	0.25
Total off-site area - including irreplaceable habitat area (hectares):	N/A

Cell style conv	
□	
▲	

On-site baseline map

Insert

On-site baseline map reference number	

Off-site baseline map

Insert

Off-site baseline map reference number	

ry Biodiversity Metric
Start page

ails
Leicestershire County Council
Nailstone Substation
National Grid
Detailed
Vicki Baldwin BSc MSc ACIEEM
14 November 2024
Lindsay Taylor BSc MSc ACIEEM
1
No ✓

Irreplaceable habitat site area (hectares):	**0.00**
Irreplaceable habitat area off-site (hectares):	**N/A**

entions
Attention required
Input error/rules and principles not met
Use of this cell is not appropriate
Enter data
Automatic lookup
Result

Main n

Resu

View

Reset

On-site post intervention map

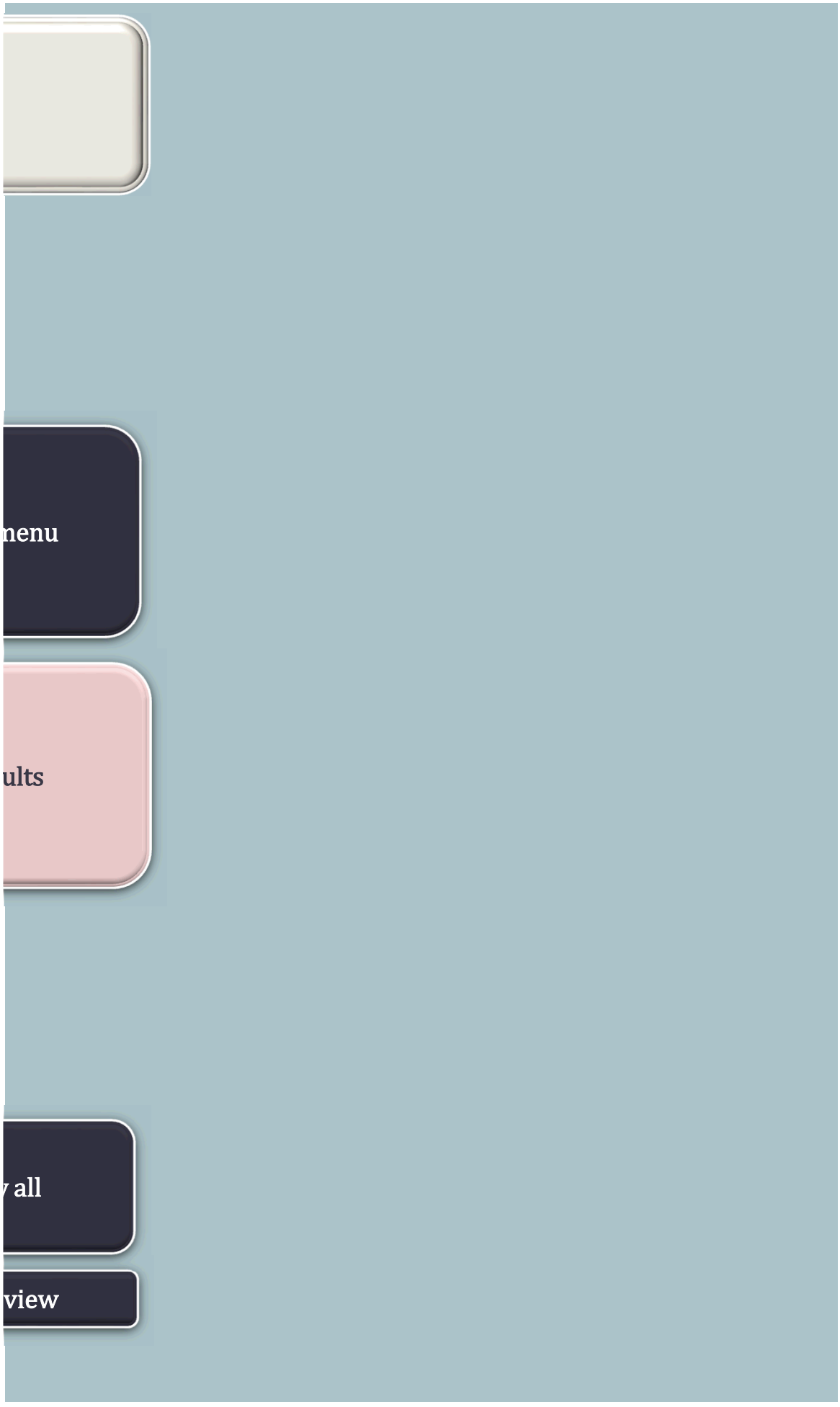
Insert

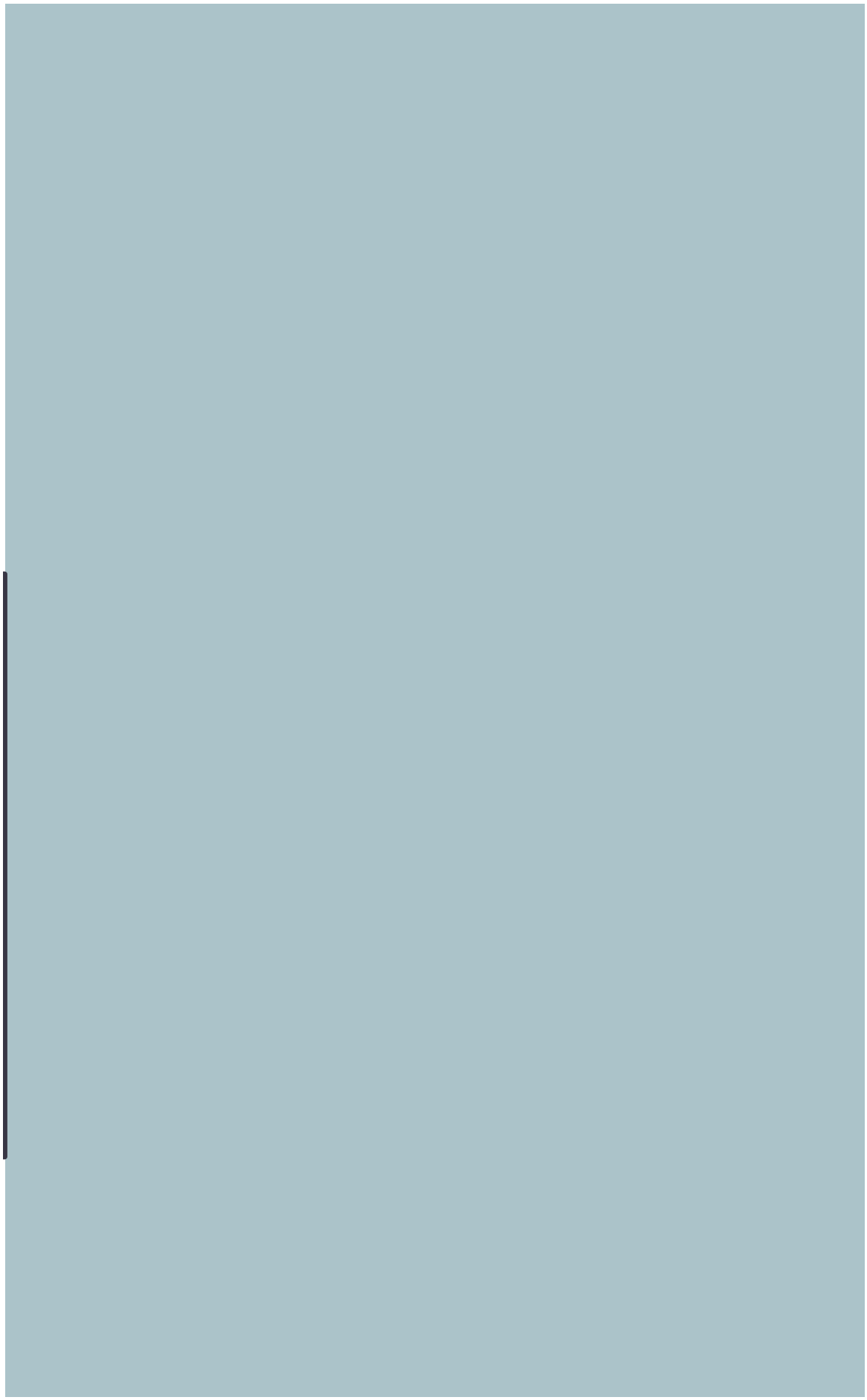
On-site post-intervention map reference number	

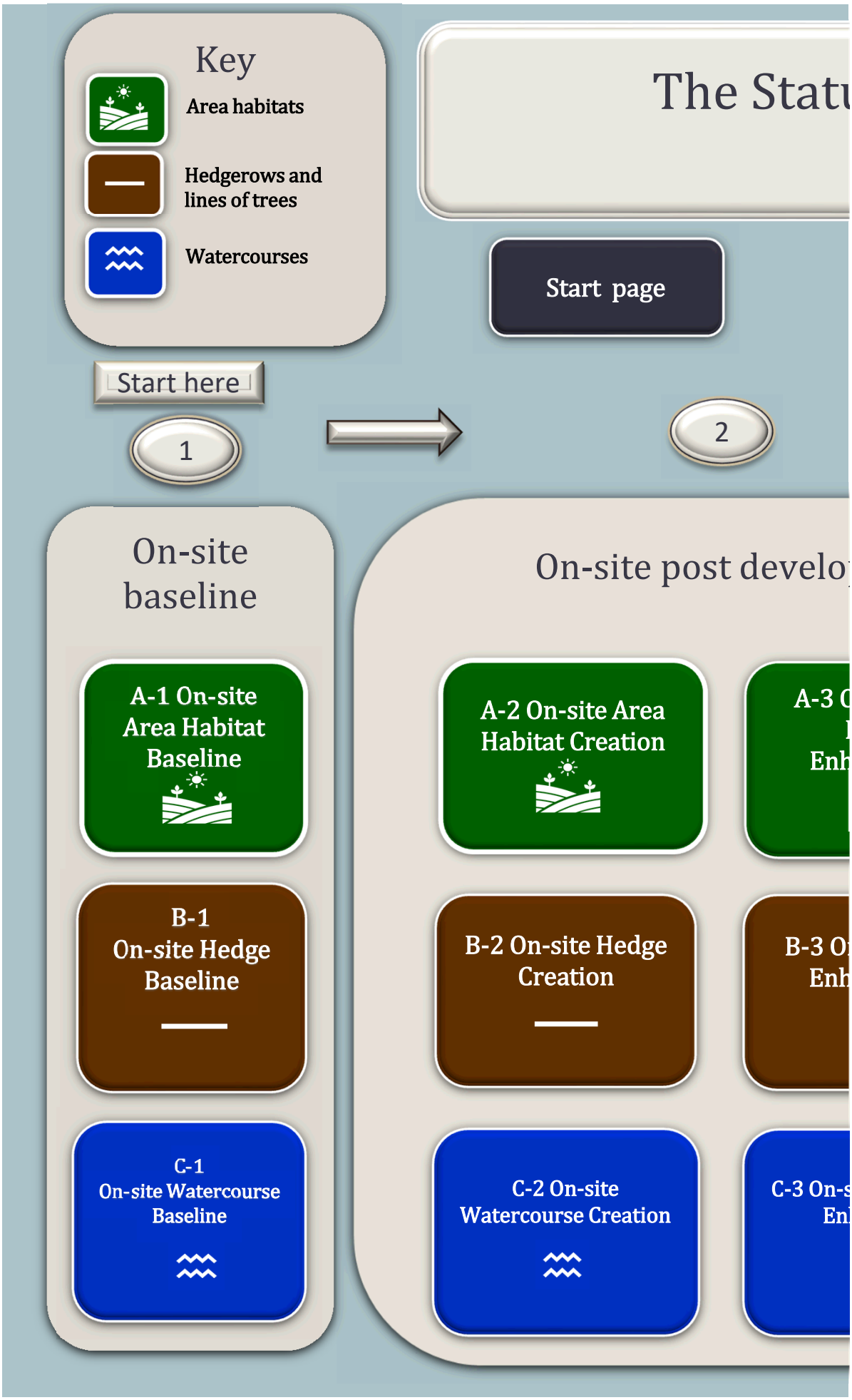
Off-site post intervention map

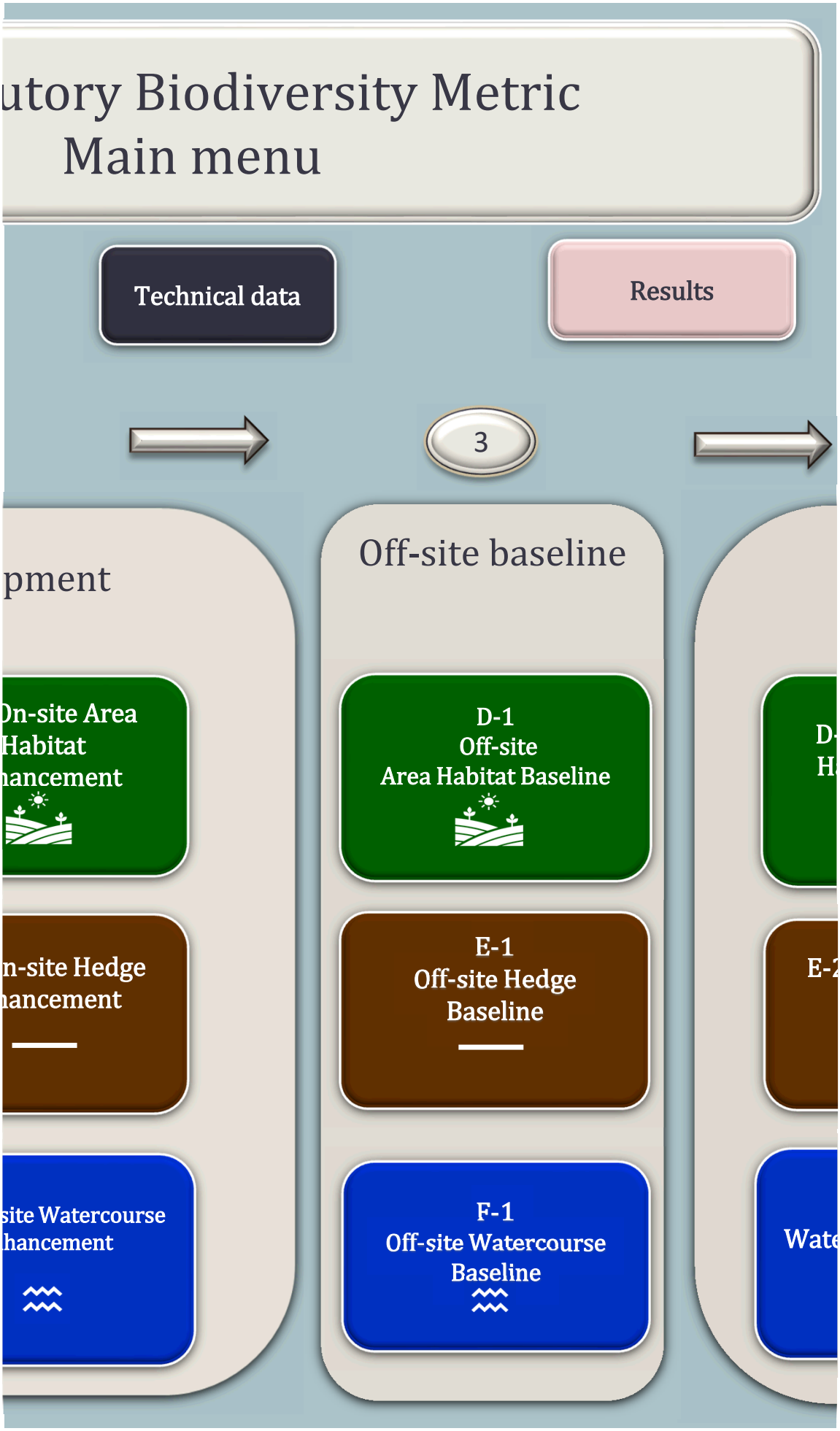
Insert

Off-site post-intervention reference number	


menu
ults
all
view




Key
Area habitats
Hedgerows and lines of trees
Watercourses
The Statu
Start page
Start here
1
2
On-site baseline
On-site post develo
A-1 On-site Area Habitat Baseline
A-2 On-site Area Habitat Creation
A-3 C
Enh
B-1 On-site Hedge Baseline
B-2 On-site Hedge Creation
B-3 O
Enh
C-1 On-site Watercourse Baseline
C-2 On-site Watercourse Creation
C-3 On-s
En


utory Biodiversity Metric
Main menu
Technical data
Results
3
pment
On-site Area Habitat nancement
n-site Hedge nancement
site Watercourse hancement
Off-site baseline
D-1 Off-site Area Habitat Baseline
E-1 Off-site Hedge Baseline
F-1 Off-site Watercourse Baseline
D- H
E-
Wate

Tree helper

Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000	6	0.0244		0.0000
Medium	1	0.0163	1	0.0163		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	**1**	**0.0163**	**7**	**0.0407**	**0**	**0.0000**

4

Off-site post development

-2 Off-site Area abitat Creation

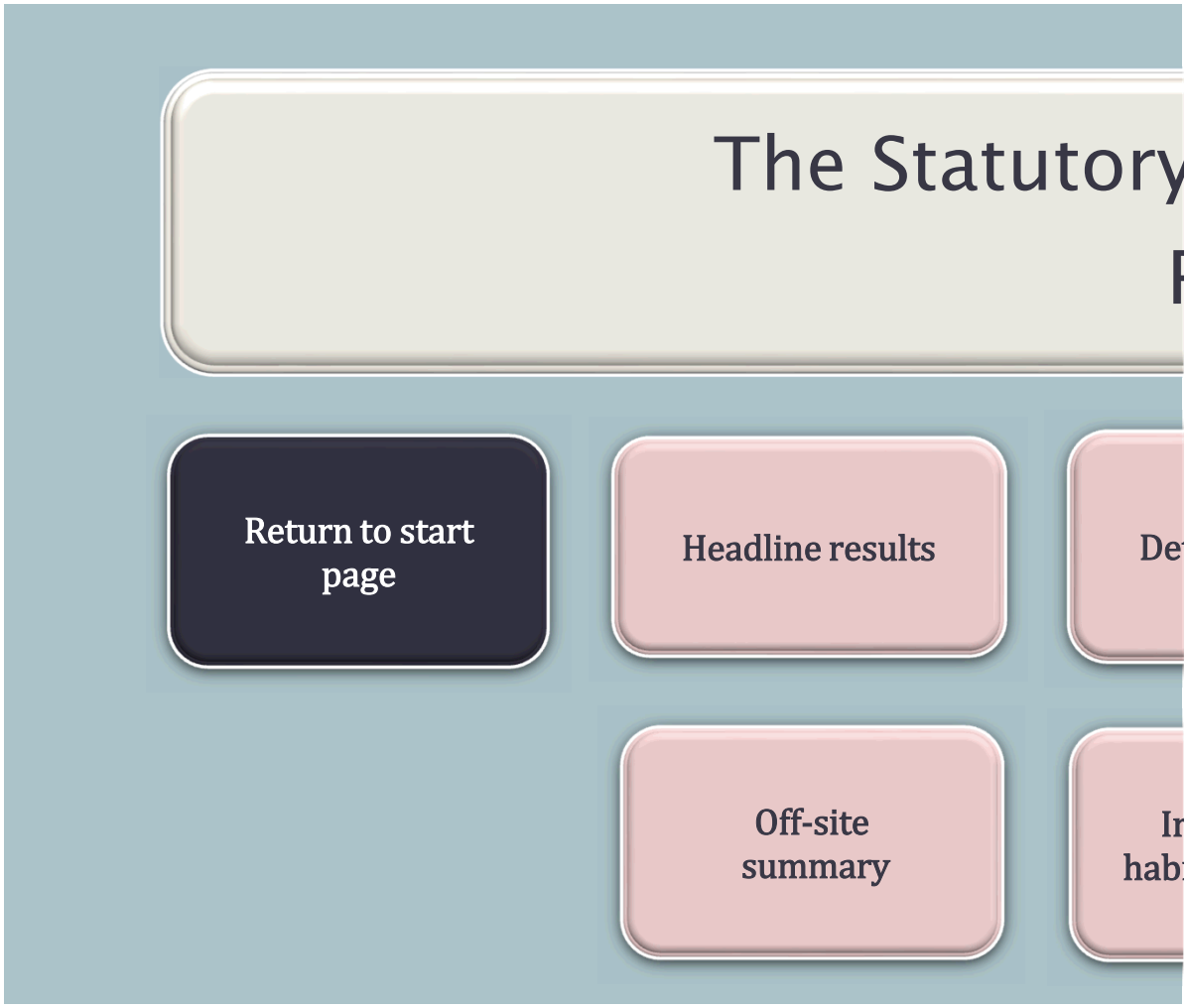
D-3 Off-site Area Habitat Enhancement

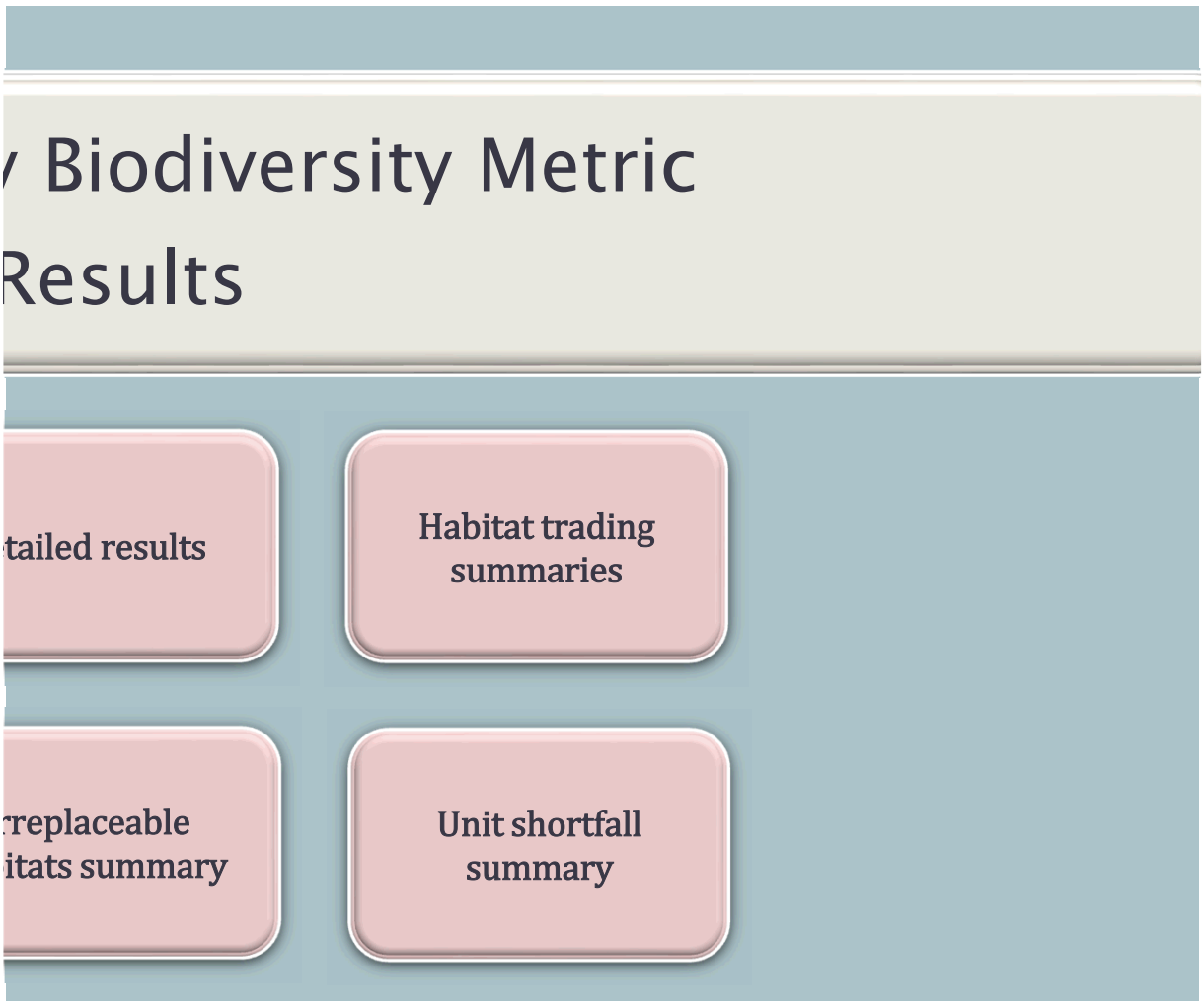
2 Off-site Hedge Creation

E-3 Off-site Hedge Enhancement

F-2 Off-site ercourse Creation

F-3 Off-site Watercourse Enhancement


The Statutory
Return to start page
Headline results
Off-site summary


y Biodiversity Metric
Results
tailed results
Habitat trading summaries
rreplaceable itats summary
Unit shortfall summary



Nailstone Substation

Headline Results

Scroll down for final results

Return to results menu

On-site baseline	*Habitat units* *Hedgerow units* *Watercourse units*
On-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units* *Hedgerow units* *Watercourse units*
On-site net change (units & percentage)	*Habitat units* *Hedgerow units* *Watercourse units*
Off-site baseline	*Habitat units* *Hedgerow units* *Watercourse units*
Off-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units* *Hedgerow units* *Watercourse units*
Off-site net change	*Habitat units*

Off-site net change (units & percentage)	*Hedgerow units* *Watercourse units*

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units* *Hedgerow units* *Watercourse units*
Spatial risk multiplier (SRM) deductions	*Habitat units* *Hedgerow units* *Watercourse units*

FINAL RESULTS

Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units* *Hedgerow units* *Watercourse units*
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units* *Hedgerow units* *Watercourse units*

Trading rules satisfied?	Ye

Unit Type	Target	Baseline Units	Units Required
Habitat units	10.00%	0.42	0.46
Hedgerow units	10.00%	1.12	1.24
Watercourse units	10.00%	0.00	0.00

0.42
1.12
0.00

0.55
1.55
0.00

0.13	30.90%
0.42	37.56%
0.00	0.00%

0.00
0.00
0.00

0.00
0.00
0.00

0.00	0.00%

0.00	0.00%
0.00	0.00%

0.13
0.42
0.00

0.00
0.00
0.00

0.13
0.42
0.00

30.90%
37.56%
0.00%

s ✓

Unit Deficit	
0.00	No additional area habitat units required to meet target ✓
0.00	No additional hedgerow units required to meet target ✓
0.00	No additional watercourse units required to meet target ✓

Project

Condense

Ma

Ref	Broad Habitat
1	Grassland
2	Urban
3	Individual trees
4	
5	

Name: Nailstone Substation **Map Reference:**

A-1 On-Site Habitat Baseline

/ Show Columns

Condense / Show

in Menu

Existing area habitats

Habitat Type
Modified grassland
Developed land; sealed surface
Rural tree

Site Area (Excluding area of individual trees, green wall

M² to hectares conversion tool:

Area h
Total Net Unit Change
Total Net % Change
Trading Rules Satisfied

Rows

		Distinctiveness		Conditio
Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition
No	0.178	Low	2	Poor
No	0.076	V.Low	0	N/A - Other
No	0.0163	Medium	4	Poor
Total habitat area	0.27			
s, intertidal hard structures)	0.25			

	Select a unit	Hectares	M²

habitat summary
0.13
30.90%
Yes ✓

on	Strategic significance		
Score	Strategic significance	Strategic significance	Strategic significance multiplier
1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

Required Action to Meet Trading Rules	Ecological baseline		
	Total habitat units	Area retained	Area enhanced
Same distinctiveness or better habitat required ≥	0.36	0	0
Compensation Not Required	0.00	0.076	0
Same broad habitat or a higher distinctiveness habitat required (≥)	0.07	0	0
	0.42	**0.08**	**0.00**

Total area lost (excluding a walls and interti

Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost
0.00	0.00	0.18	0.36
0.00	0.00	0.00	0.00
0.00	0.00	0.02	0.07
0.00	**0.00**	**0.19**	**0.42**

area of individual trees, green dal hard structures)	**0.18**

Bespoke compensation agreed for losses of VHDH or irreplaceable habitat	User comments
	Fails A and B passes the remaining criteria
	No condition assessment required.
	Removed due to overhanging of the substation

Comments

Planning authority comments	Habitat reference number

Projec

Condense / Sh

Main H

Ref	Broad Habitat
1	Urban
2	Individual trees
3	Grassland
4	
5	

t Name: Nailstone Substation Map Reference:

A-2 On-Site Habitat Creation

how Columns

Condense / Show Rows

Menu

Proposed habitat
Developed land; sealed surface
Rural tree
Other neutral grassland
Total habitat area

Site Area (Excluding area of individual trees, green walls, intertidal hard structures)

M² to hectares conversion tool:

Area habitat summ	
Total Net Unit Change	
Total Net % Change	
Trading Rules Satisfied	
Area Check	

Area (hectares)	Distinctiveness		Condition	
	Distinctiveness	Score	Condition	Score
0.102	V.Low	0	N/A - Other	0
0.0244	Medium	4	Moderate	2
0.0773	Medium	4	Moderate	2
0.20				

0.18

Select a unit	Hectares	M²

nary
0.13
30.90%
Yes ✓
Area Acceptable ✓

Strategic significance		
Strategic significance	**Strategic significance**	**Strategic significance multiplier**
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

Post intervention habitats		
Standard time to target condition (years)	**Habitat created in advance (years)**	**Delay in starting habitat creation (years)**
0	0	2
27	0	2
5	0	2

Temporal multiplier

Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier
Standard time to target condition applied	2	0.931
Check details- Delay in starting habitat in required condition? □	29	0.356
Check details- Delay in starting habitat in required condition? □	7	0.779

Difficulty multipliers			
Standard difficulty of creation	**Applied difficulty multiplier**	**Final difficulty of creation**	**Difficulty multiplier applied**
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1
			Total Units

Habitat units delivered	User comments
0.00	
0.07	6 small trees in moderate condition.
0.48	Create ONG in the areas of grassland around the new substation. Seed with a shade tolerant mix due to the planting of 6 small trees within the grassland.
0.55	

Comments

Planning authority comments	Habitat reference number

Project Na
I

Condense / Show C

Main Menu

Ref	Hedge number
1	1
2	2
3	3
4	
5	

ıme: Nailstone Substation Map Reference:

B-1 On-Site Hedge Baseline

olumns | Condense / Show Rows

Existing hedgerow habitats

Habitat type	Length (km)
Native hedgerow with trees	0.108
Native hedgerow with trees	0.013
Native hedgerow with trees	0.052
	0.17

Hedgerow s
Total Net Unit Change
Total Net % Change
Trading Rules Satisfied

Distinctiveness		Condition	
Distinctiveness	Score	Condition	Score
Medium	4	Moderate	2
Medium	4	Poor	1
Medium	4	Poor	1

ummary
0.42
37.56%
Yes ✓

Strategic significance	
Strategic significance	**Strategic significance**
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance

Strategic significance multiplier	Required Action to Meet Trading Rules	Ecological baseline Total hedgerow units	Length retained	Length enhanced	Units retained
1	Same distinctiveness band or better	0.86	0.095		0.76
1	Same distinctiveness band or better	0.05		0.013	0.00
1	Same distinctiveness band or better	0.21		0.052	0.00
		1.12	**0.10**	**0.07**	**0.76**

Units enhanced	Length lost	Units lost	User comments
0.00	0.01	0.10	Fails B1, B2, D2 and E1
0.05	0.00	0.00	Fails B1, B2, C1, D2 and E1
0.21	0.00	0.00	Fails B1, B2, C1, D2 and E1
0.26	**0.01**	**0.10**	

Comments	
Planning authority comments	**Habitat reference number**

Project Na
B

Condense / Shov

Main Mer

Ref	New hedge number
1	4
2	
3	
4	
5	

me: Nailstone Substation Map Reference:

3-2 On-Site Hedge Creation

v Columns | Condense / Show Rows

nu

Proposed habitats	
Habitat type	**Length (km)**
Species-rich native hedgerow	0.03
	0.03

Hedgerow sum	
Total Net Unit Change	
Total Net % Change	
Trading Rules Satisfied	

Distinctiveness		Condition	
Distinctiveness	**Score**	**Condition**	**Score**
Medium	4	Moderate	2

nmary
0.42
37.56%
Yes ✓

Strategic significance		
Strategic significance	**Strategic significance**	**Strategic significance multiplier**
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

Tempo		
Standard Time to target condition (years)	**Habitat created in advance (years)**	**Delay in starting habitat creation (years)**
5	0	2

oral multiplier

Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier	Standard difficulty of creation
Check details- Delay in starting habitat in required condition? □	7	0.779	Low

Difficulty risk multipliers			Hedge units delivered
Applied difficulty multiplier	**Final difficulty of creation**	**Difficulty multiplier applied**	
Standard difficulty applied	Low	1	0.19
			0.19

Comments	
User comments	**Planning authority comments**
Section of hedgerow along western compound boundary to screen substation and to satisfy trading rules.	

Habitat reference number

Project Name: Nailstone Substation **Map Reference:**

B-3 On-Site Hedge Enhancement

Condense / Show Columns

Condense / Show Rows

Main Menu

Baseline ref	Baseline habitat	Length (km)
2	Native hedgerow with trees	0.013
3	Native hedgerow with trees	0.052

Baseline Habitats			
Baseline distinctiveness band	**Baseline distinctiveness score**	**Baseline condition category**	**Baseline condition score**
Medium	4	Poor	1
Medium	4	Poor	1

Baseline strategic significance category	Baseline strategic significance score	Baseline habitat units
Low Strategic Significance	1	0.052
Low Strategic Significance	1	0.208

Required Action to Meet Trading Rules
Same distinctiveness band or better
Same distinctiveness band or better

Proposed habitat
Native hedgerow with trees
Native hedgerow with trees

Hedgerow summary	
Total Net Unit Change	0.42
Total Net % Change	37.56%
Trading Rules Satisfied	Yes ✓

Change in distinctiveness and condition		Length (km)
Distinctiveness movement	Condition movement	
Medium - Medium	Poor - Good	0.013
Medium - Medium	Poor - Good	0.052
		0.07

Distinctiveness		Condition	
Distinctiveness	**Score**	**Condition**	**Score**
Medium	4	Good	3
Medium	4	Good	3

Post intervention habitats

Strategic significance		
Strategic significance	**Strategic significance**	**Strategic significance multiplier**
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

Tempor		
Standard Time to target condition (years)	**Habitat enhanced in advance (years)**	**Delay in starting habitat enhancement (years)**
10	0	2
10	0	2

al multiplier			
Standard or adjusted time to target condition	**Final time to target condition (years)**	**Final Time to target multiplier**	**Standard difficulty of enhancement**
Check details- Delay in starting habitat in required condition?	12	0.652	Low
Check details- Delay in starting habitat in required condition?	12	0.652	Low

Difficulty risk multipliers			Hedge units delivered
Applied difficulty multiplier	**Final difficulty of enhancement**	**Difficulty multiplier applied**	
Standard difficulty applied	Low	1	0.12
Standard difficulty applied	Low	1	0.48
			0.60

Comments		
User comments	**Planning authority comments**	**Habitat reference number**
Enhance hedgerow to include more species and manage better to improve structure and health of overall hedgerow. Anticipated to pass Criteria B1, E1 and E2.		
Enhance hedgerow to include more species and manage better to improve structure and health of overall hedgerow. Anticipated to pass Criteria B1, E1 and E2.		

