

# The Biodiversity Metrics Start

## Project details

<b>Planning authority:</b>	
<b>Project name:</b>	
<b>Applicant:</b>	
<b>Application type:</b>	
<b>Planning application reference:</b>	
<b>Assessor:</b>	
<b>Reviewer:</b>	
<b>Revision:</b>	
<b>Assessment date:</b>	
<b>Planning authority reviewer:</b>	

## Cell style conventions




# ic 2.0 - Calculation Tool

## page

<b>Wakefield</b>
<b>Former Coombs Hall</b>
<b>Stevan Roebuck</b>
<b>18th June 2021</b>

Enter data
Automatic lookup
<b>Result</b>

Instructions

Main menu

Results

View all

Reset view











# The Biodiversity Metric 2.0

## Instructions

Start page

Main menu

# The Biodiversity

auditing and  
bioc

## Calculation To





Beta

July

ISBN 978-1

### **The Biodiversity Metric 2.0 – Calculati**

This guide shows you how to use the bio quick steps.

Before starting you will need to know the

- The types of habitat involved (on-s
- The size of each habitat parcel (in
- The condition of each habitat parc
- How ecologically connected the si
- Whether the site(s) are in locations

**S**

Open tool on any laptop with spreadsheet software installed. Press "Open Tool".

This is the start page. Input details of your project into "Project Details". Remember to periodically save

Remember to periodically save your work.

Click the "Main Menu" button. The Worksheet Menu will then open like this.

The next steps explain how to enter the key data for your project.

#### Step 1: Enter

Click the **green** "On-site habitat baseline" button at the left hand side of the page:

Fill in all of the white columns. Some allow you to select from drop-down lists, others (such as Area) require you to input data. The tool will start automatically populating the **blue** columns.

Scroll right and fill in all remaining "white" columns. Complete a new row for every habitat parcel found on site.

When you have finished entering all the site baseline data scroll left and click the "Main menu" button.

### **Step 2: Entering On- Site**

In the Main Menu there are three buttons to enter data; "Habitat Creation", "Habitat Enhancement" and "Habitat Accelerated Succession".

Data can be entered into each as appropriate by clicking the relevant **green** button.

When you click on each "on-site post development" button a new screen will open. Fill in each of the white columns as appropriate. You will need to

as appropriate. You will need to complete a new row for each habitat parcel on-site.

Image shows the habitat creation screen.

When you have finished entering data click the "Main menu" Button in the top left of the screen to return to the worksheet menu.

Complete the "On-site habitat enhancement" and "On-site habitat accelerated succession" if needed by clicking the buttons and filling in the white columns.

When finished return to the "Main menu".

*If you are seeking to achieve a biodiversity data input is needed. You can now skip whether an on-site biodiversity net gain*

### **Step 3: Entering Off-Site Data (Non-enhancing habitat outside)**

You may skip this step if you are not creating or enhancing any habitats outside your development site and proceed to Step 4.

Projects creating or enhancing any habitats outside your development ("off-site") will need to enter baseline habitat

and habitat enhancement/creation data. This data can be entered using the green buttons highlighted under points 3 and 4 of the tool.

Off-site data should be entered into the white columns on each of the off-site sheets.

When entering data scroll right on the screen to ensure that all white data entry fields are completed. Complete a new row for each habitat type found off-site.

When all "off-site" data has been entered click on the 'main menu' button.

#### **Step 4: Hedgerows, Lines**

If your project contains hedgerows, lines of trees or rivers, streams and watercourses then you will need to fill in the additional metric modules for these habitats. They are separate from the main metric as each uses a slightly different calculation.

On-site and off-site project data for these habitats should be entered in the same way as for area habitats by

inputting data into the white columns.

**Step 5:**

Click on the "Results" to see whether or not your project has achieved a forecast net biodiversity gain.

On this screen you can click to see the "headline results", "detailed results" or the 'habitat trading summary'. In most circumstances only the 'headline' or 'detailed' results will be needed.

The "headline results" page provides a breakdown of the biodiversity units lost and gained and the percentage loss or gain achieved in biodiversity units.

For more detailed results click the "Detailed Results" button.

### Step 6: Saving and Sul

Go to save as and save the document a the same name as the user has put in th project title.

### Additional

#### Street Tree Helper

The calculation tool also comes with a street tree helper to quickly convert your street tree measurements into an area calculation to use when calculating baseline and post-intervention values fo street trees. Enter the number of trees o each size type and the tool will convert this into hectares.

#### Technical Data

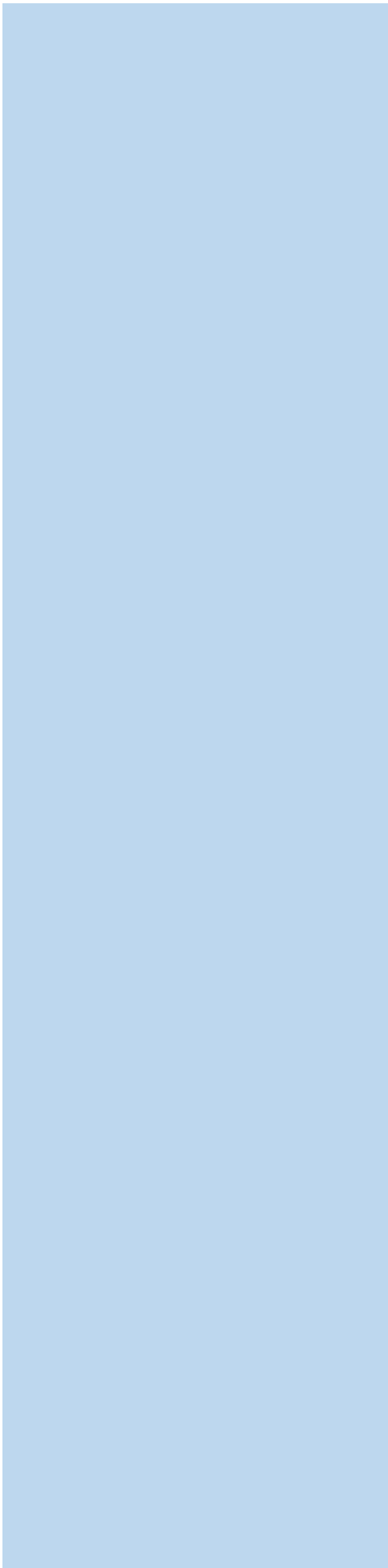
Information about all of the technical dat that underpins the calculation tool can b found by clicking the "Technical data" button on the main menu

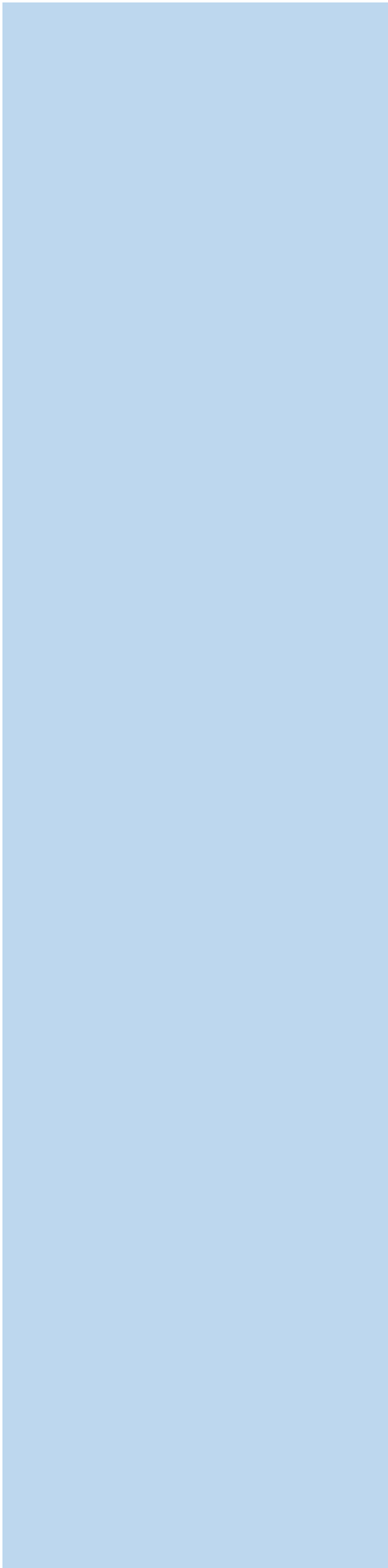
There is also a **conversion tool** embedded into the technical data section to allow for easy conversion between Phase1 and UKHab classifications.

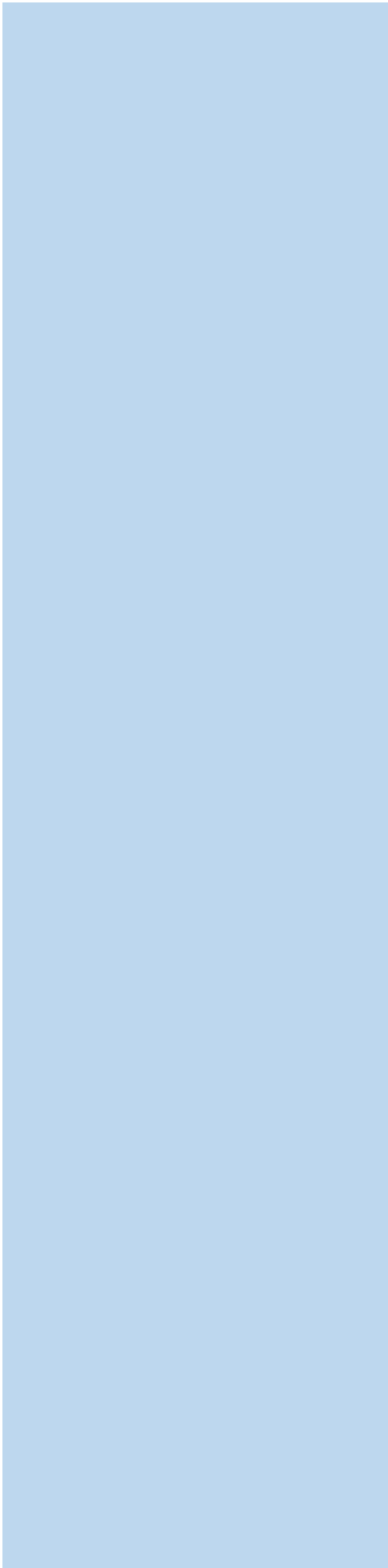
#### Instructions

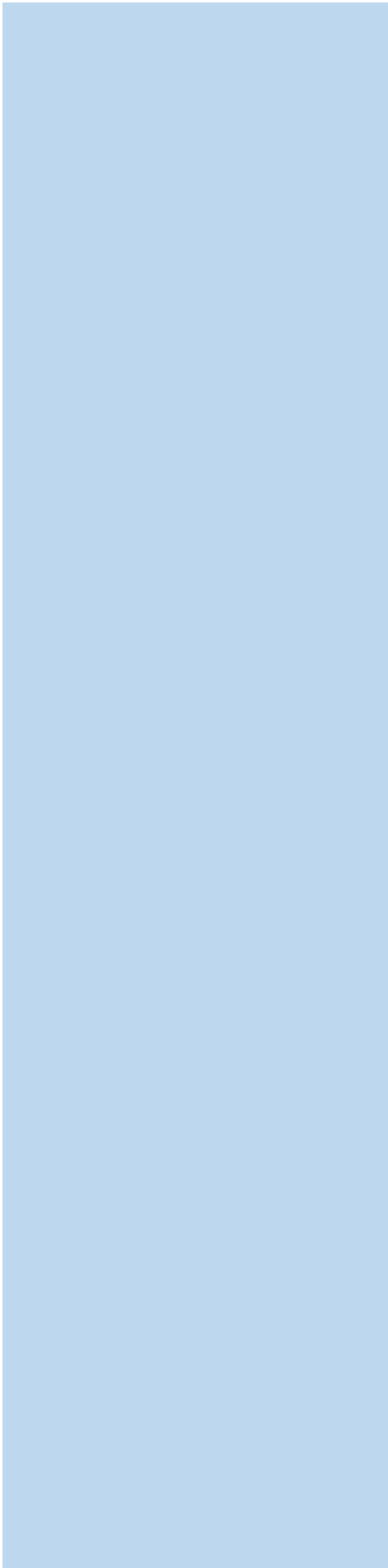
A copy of these instructions can be accessed at any point in the tool by pressing the red **instructions** button

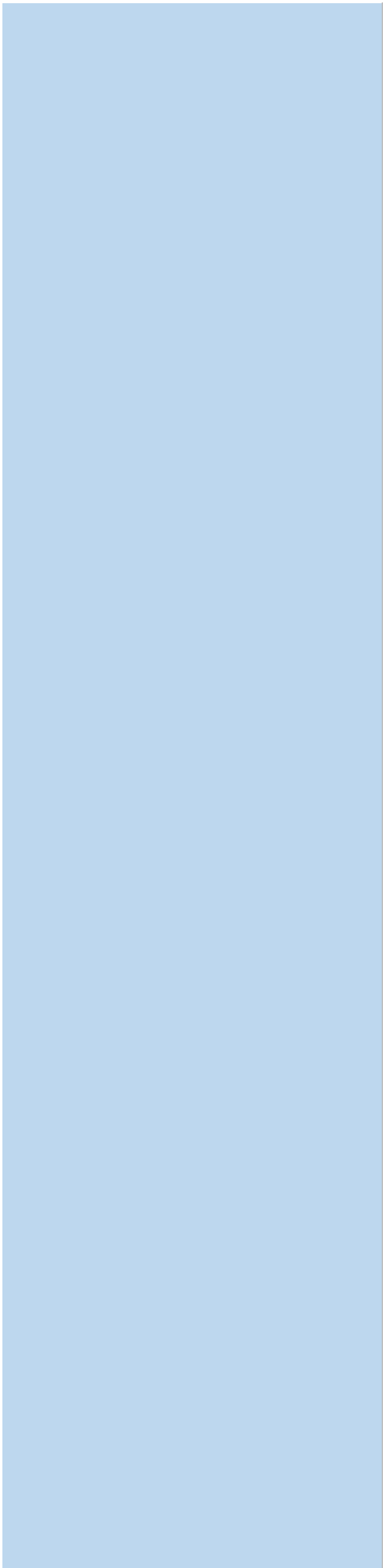
Additional help and detailed i functions of the calculation to  
*The Biodiversity M*













- Calculation Tool

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# iversity Metric 2.0

accounting for  
diversity

ool: **Short Guide**





Version

July 2019

1-78354-540-7

### Tool Guidance

diversity metric 2.0 calculation tool in six

following about your project:

site and off-site)

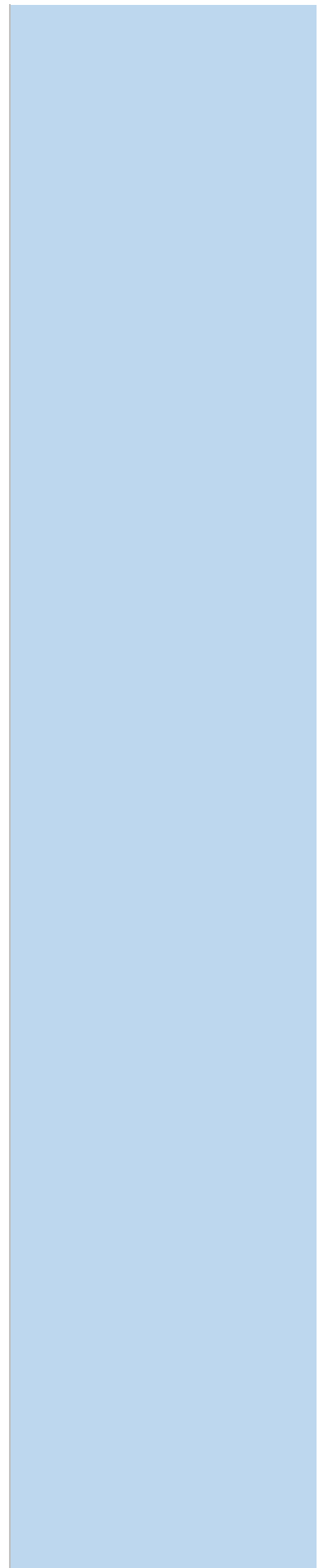
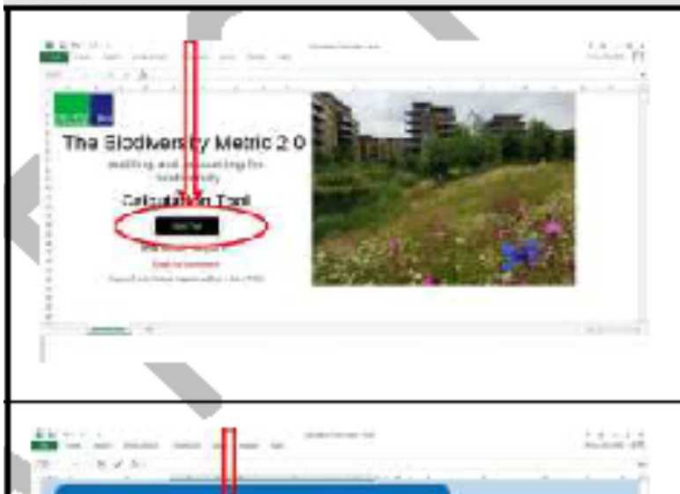
(hectares or, if linear, kilometres)

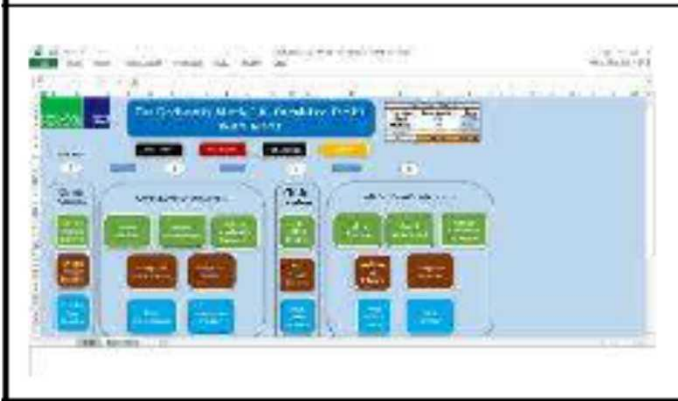
level

site(s) are

s identified as local nature priorities

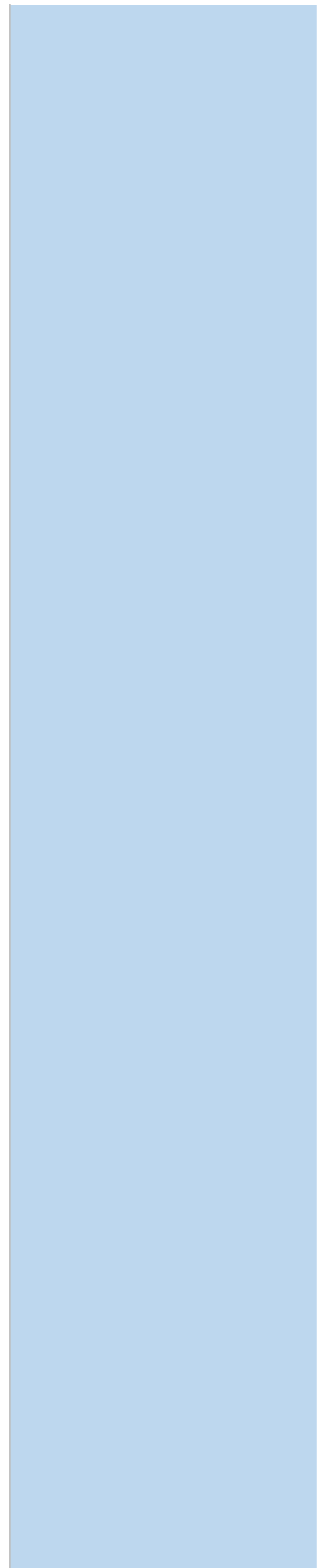
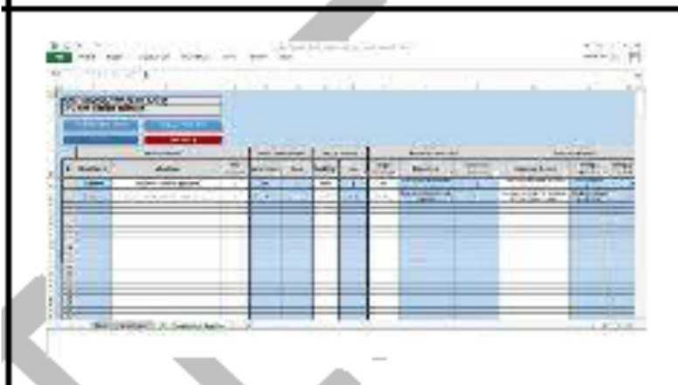
### **START**

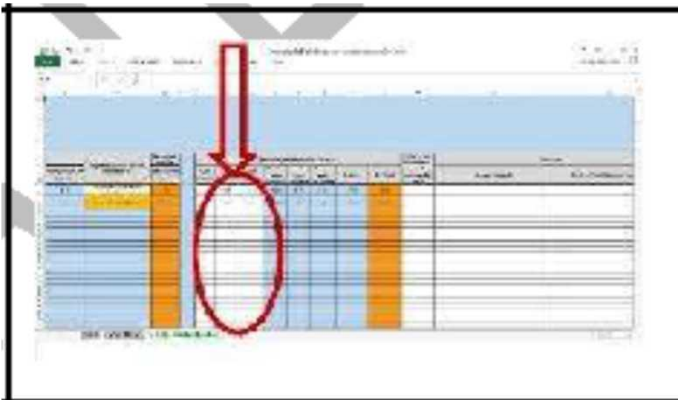




2

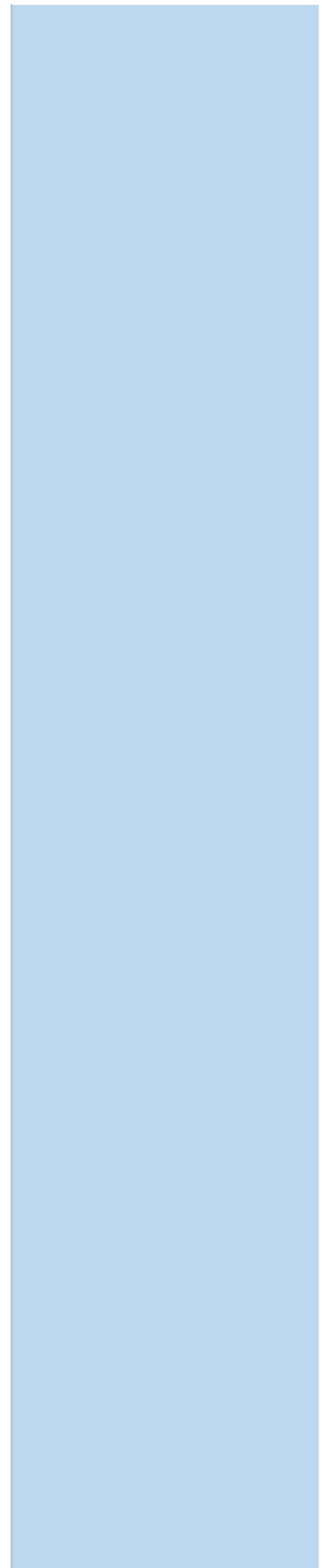
## ing Baseline Data

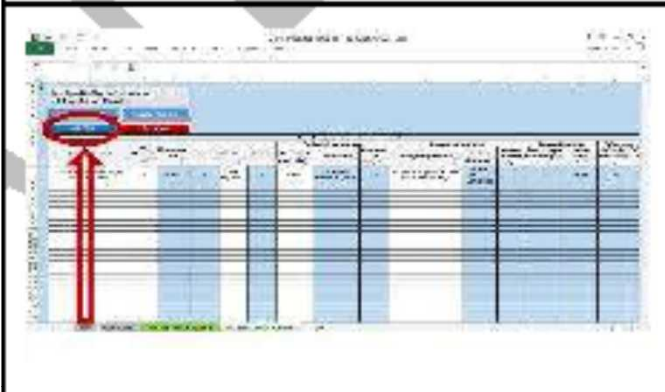




3

### Post-Development Data

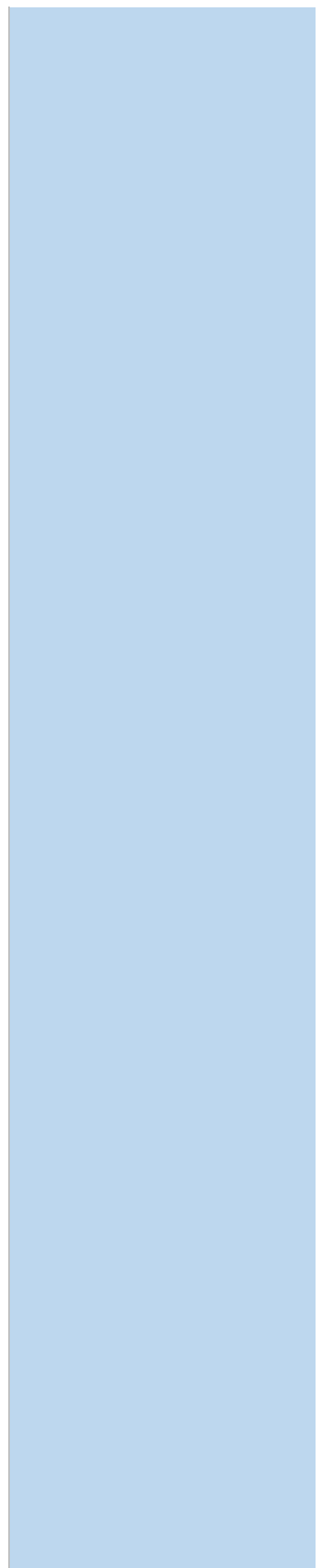


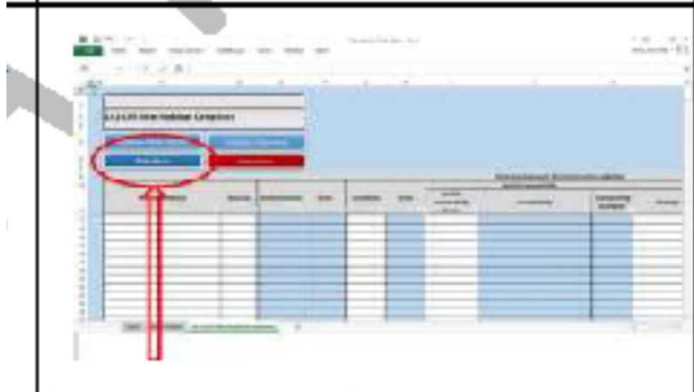
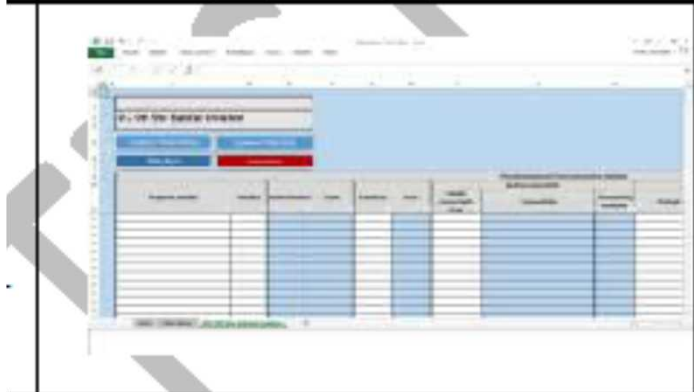


ity net gain outcome on-site no further to "Step 4" to check the results and see has been achieved.

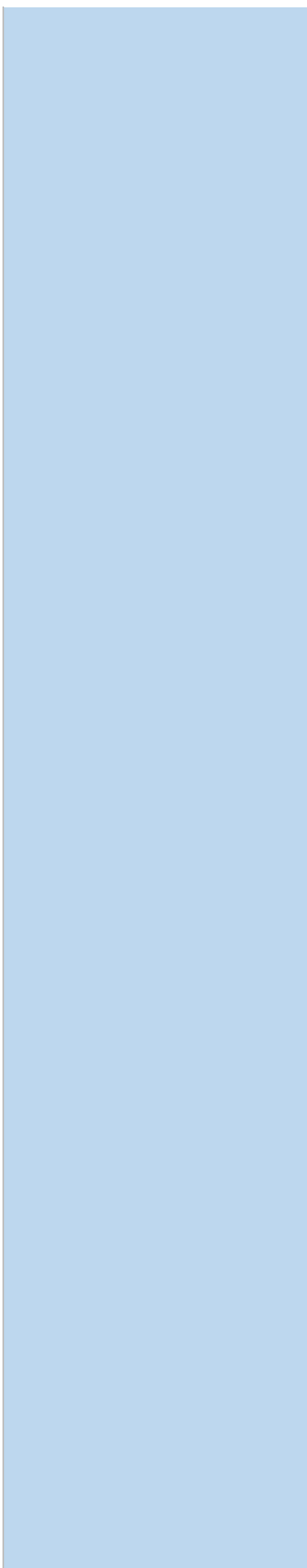
4

**NOTE: only needed when creating or the project 'red line' boundary)**





**of Trees, Rivers and Streams**





## The Results



## Submitting Your Assessment

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ne



## Final Functions

r  
of



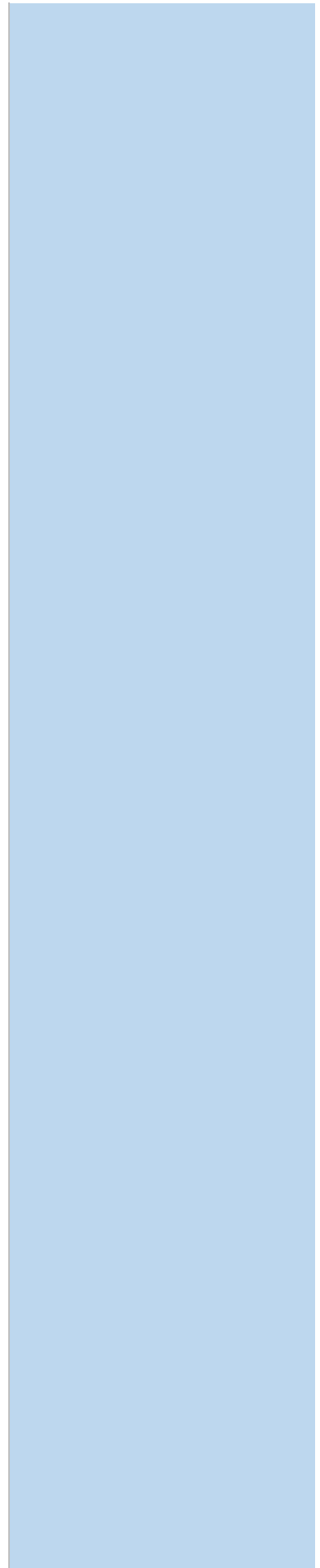
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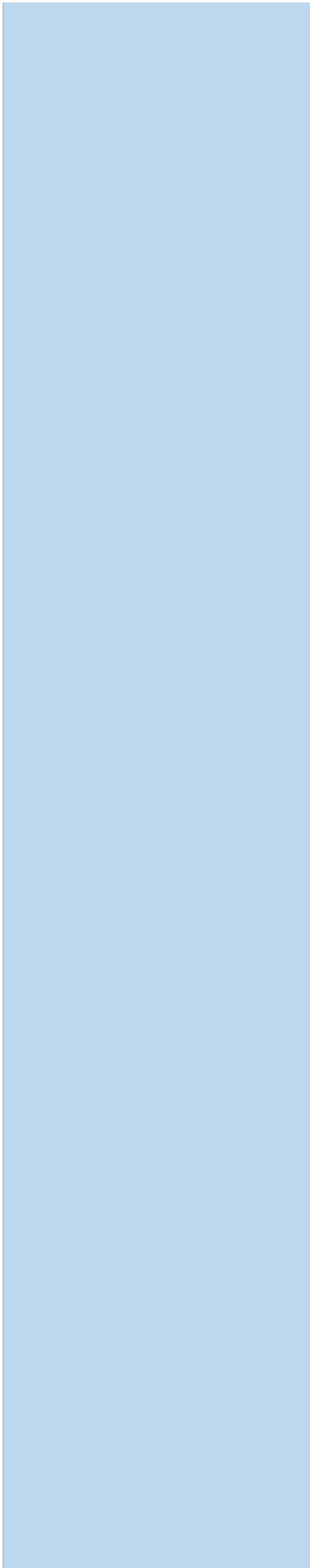


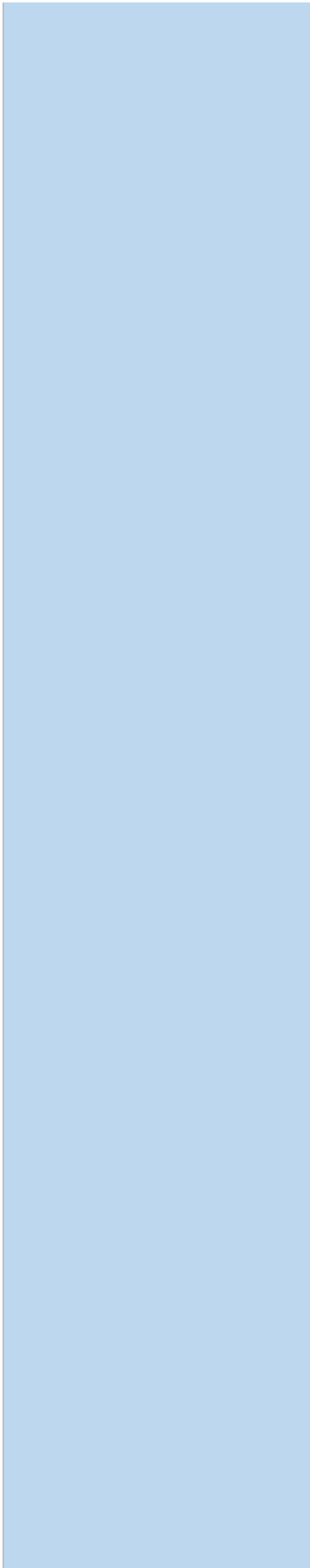
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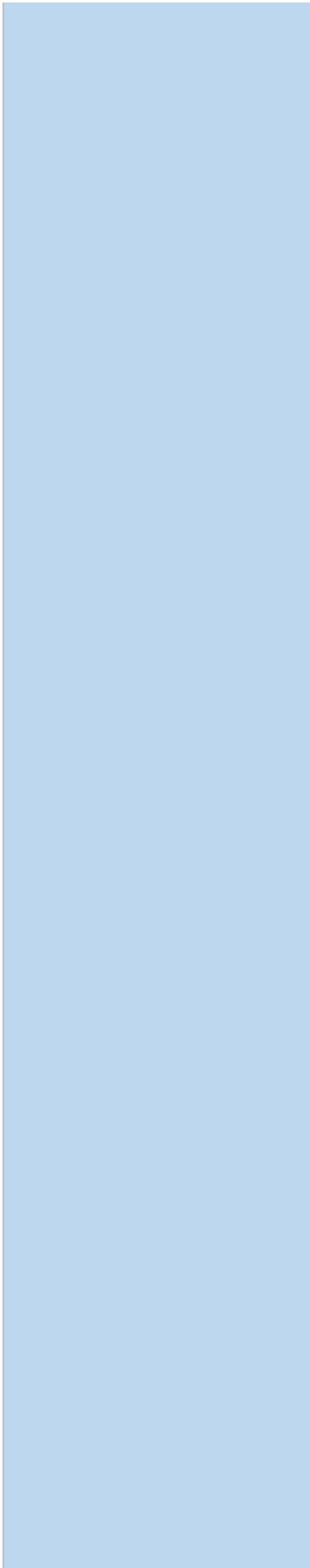


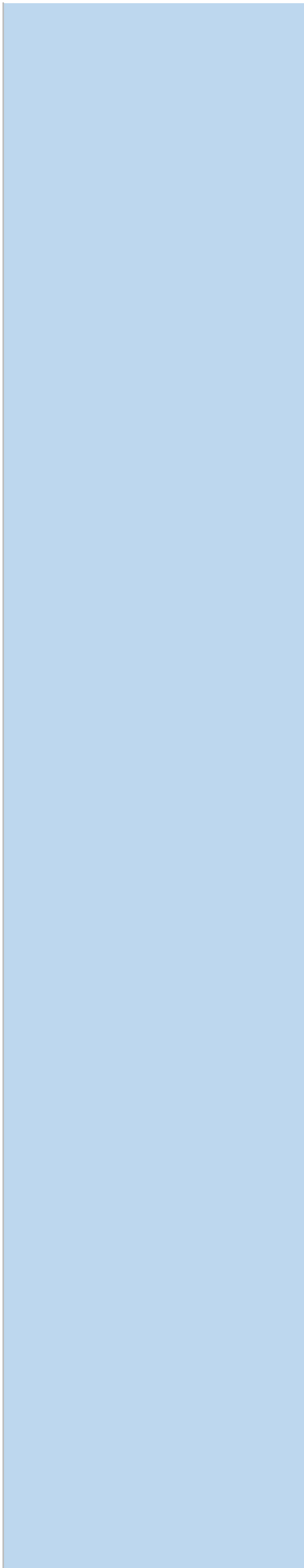
instructions describing all of the  
ool can be found in Chapter 4 of  
*etric 2.0 – User Guide*

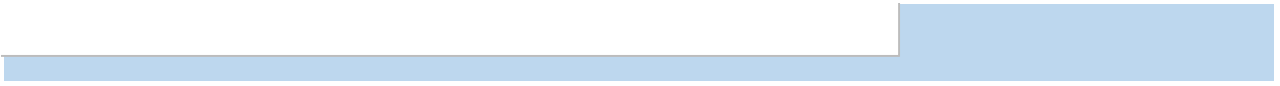


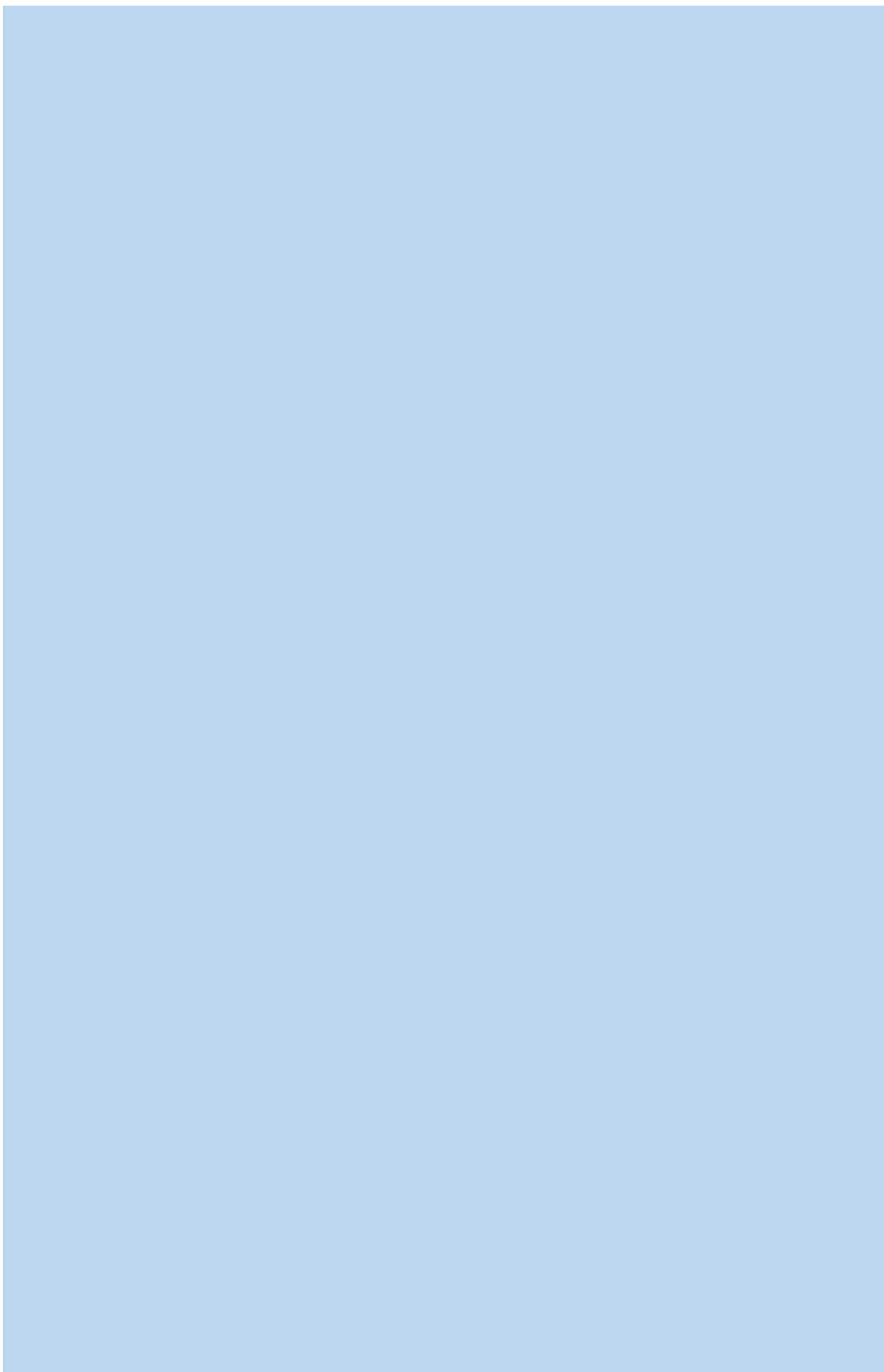












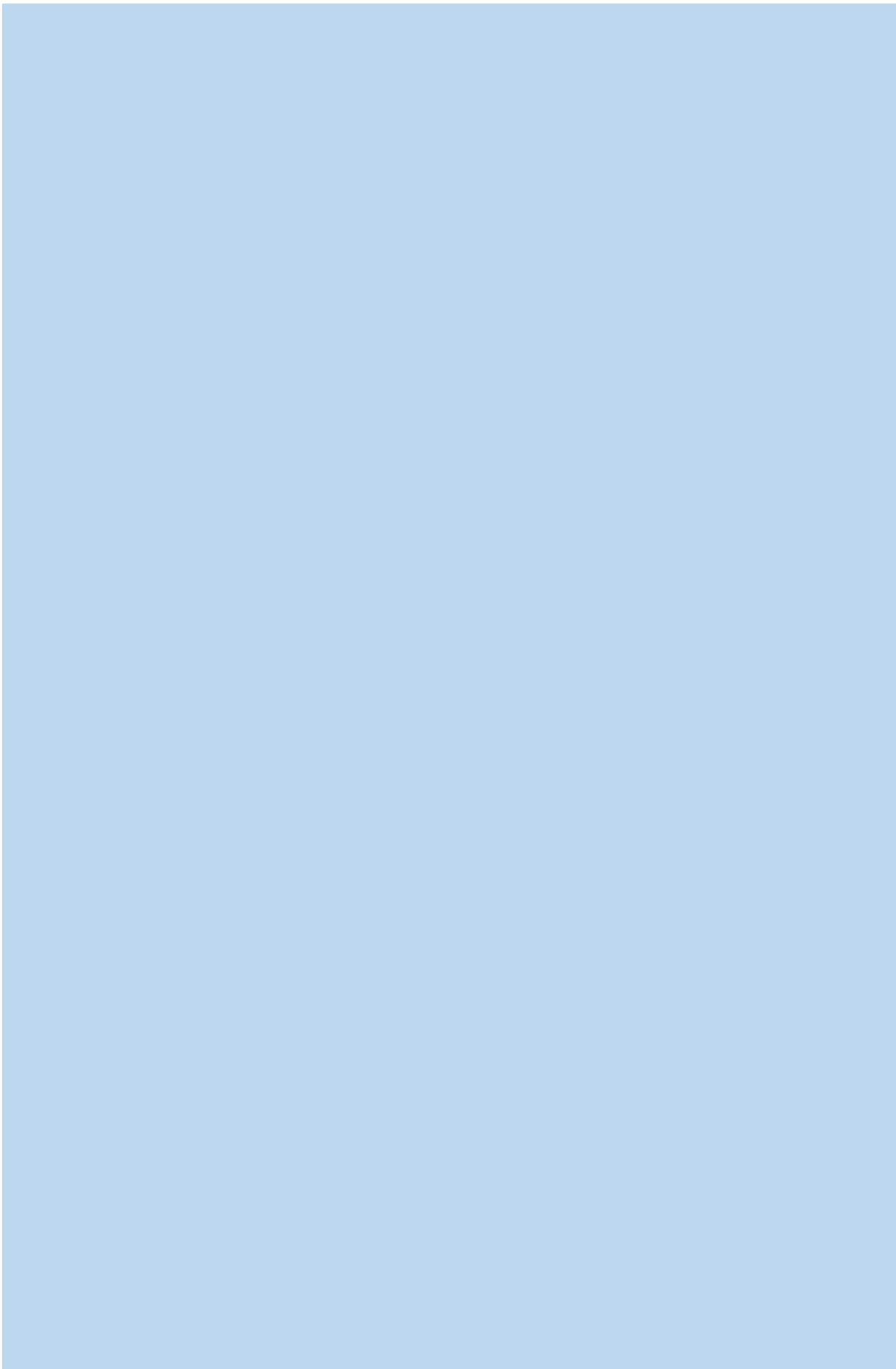




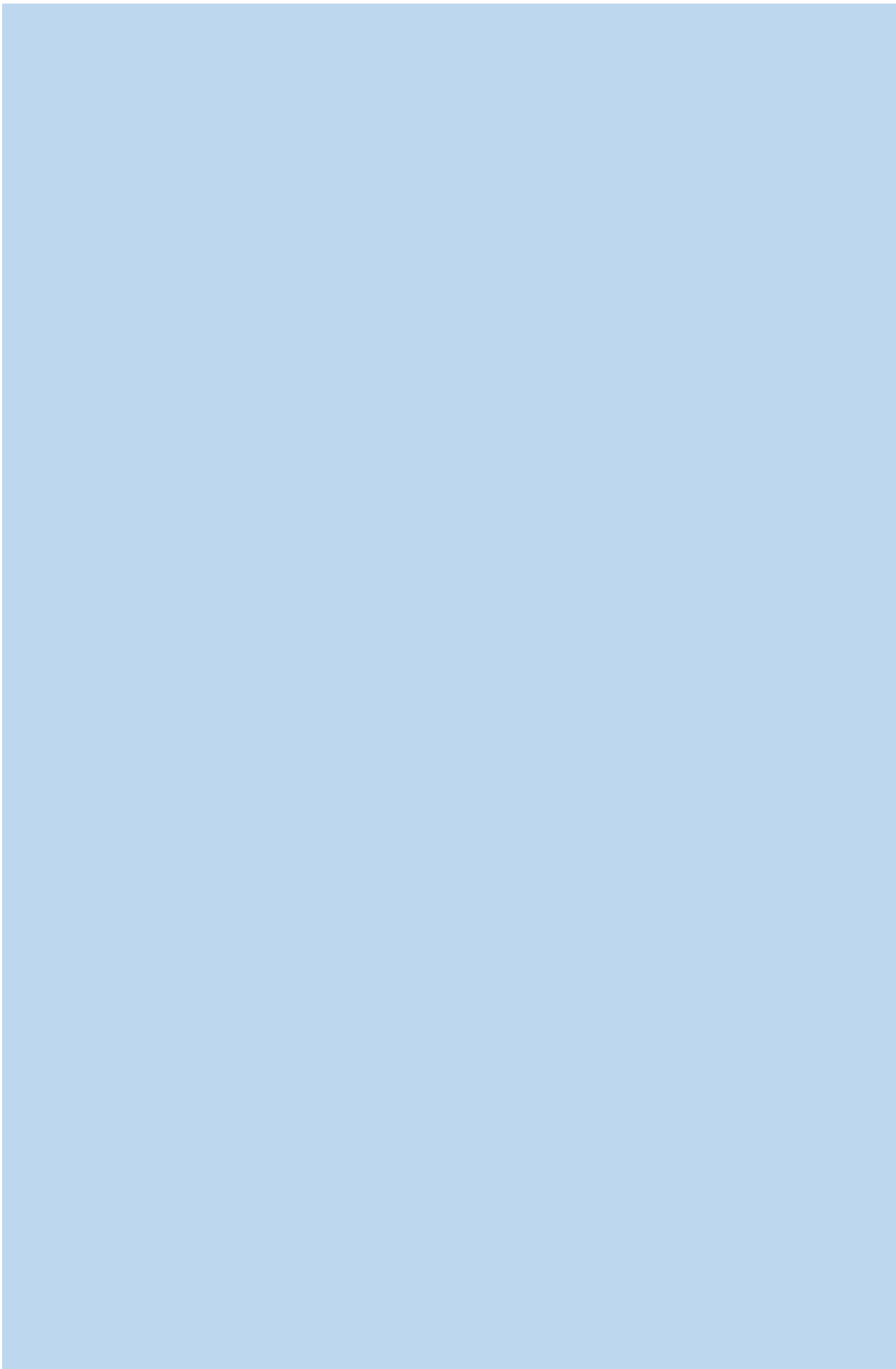




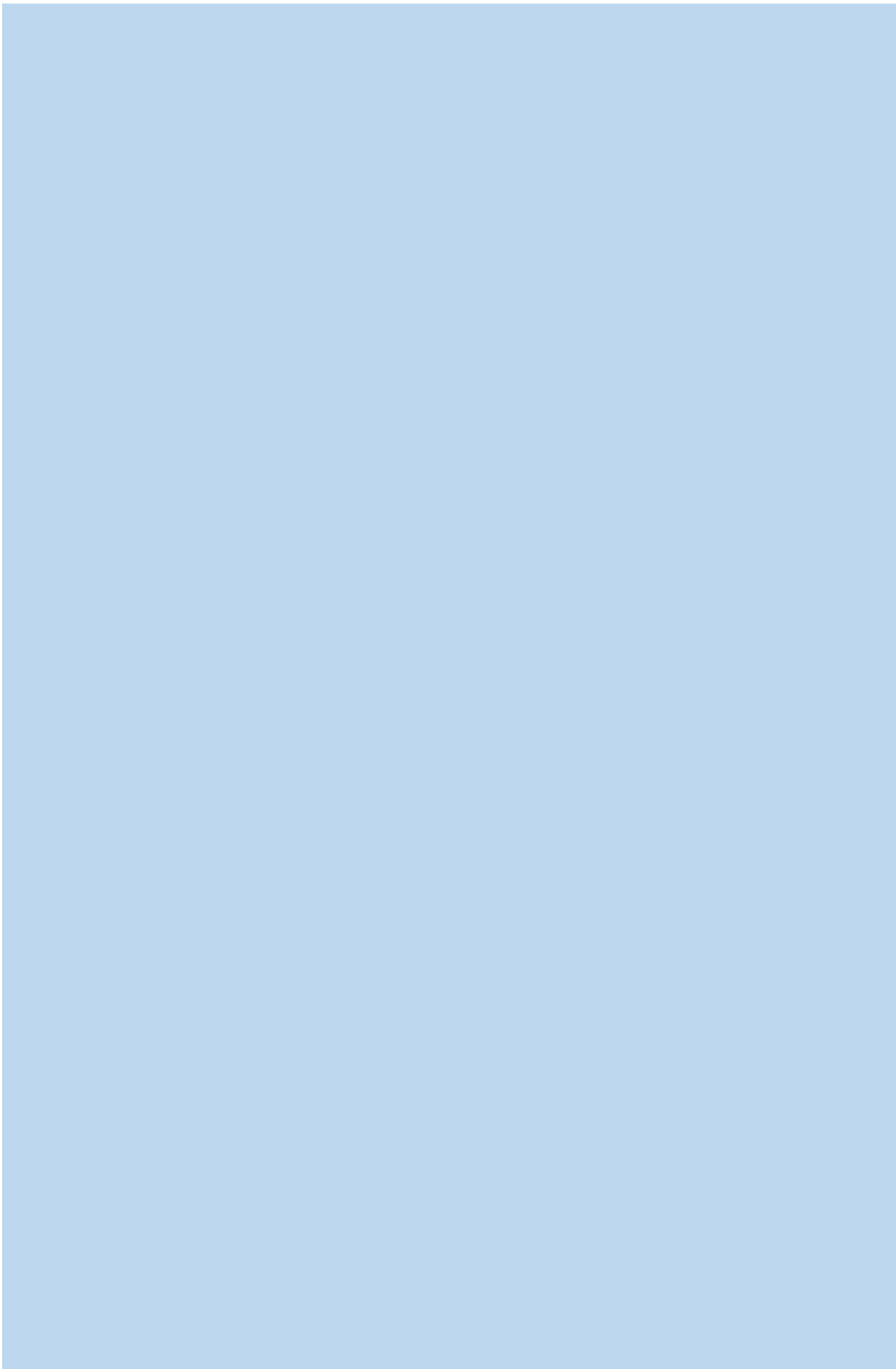








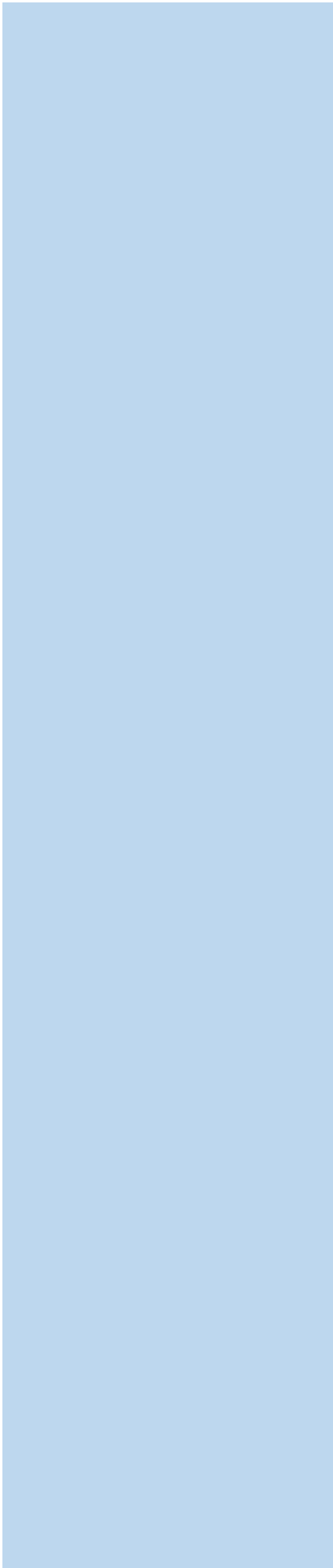


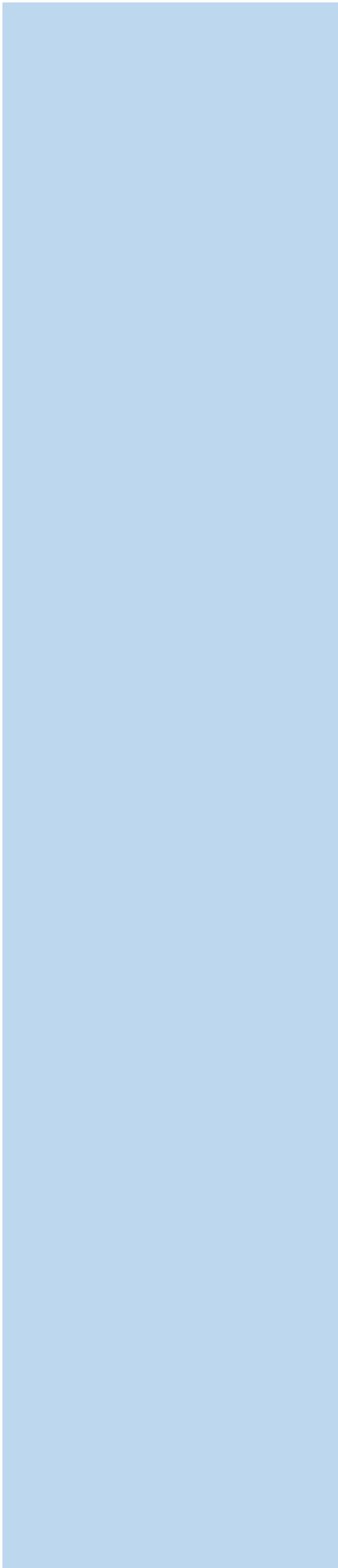


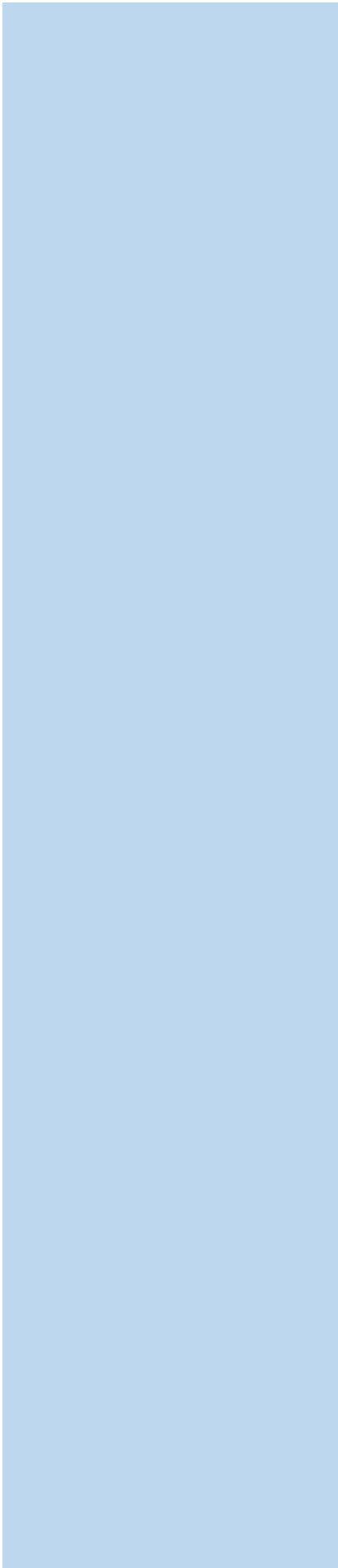


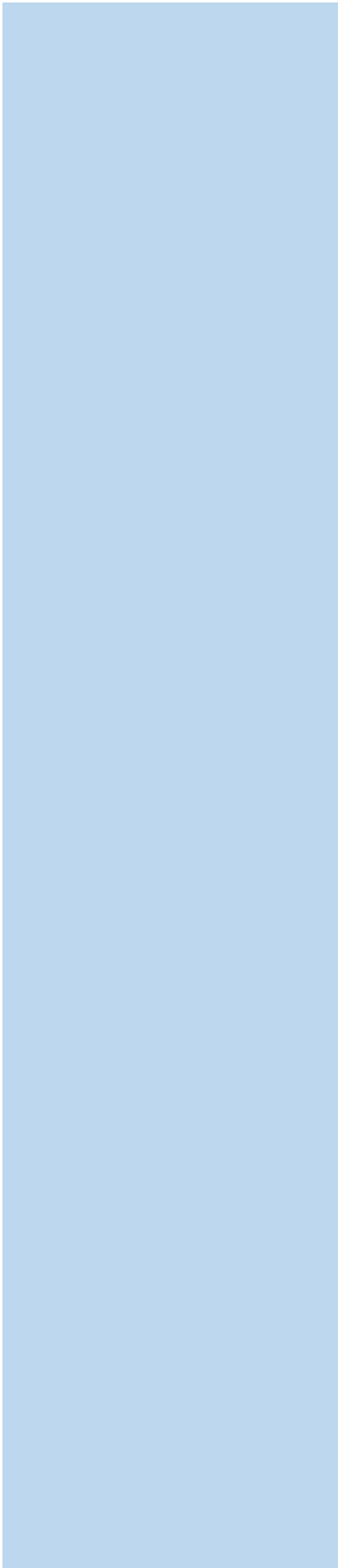


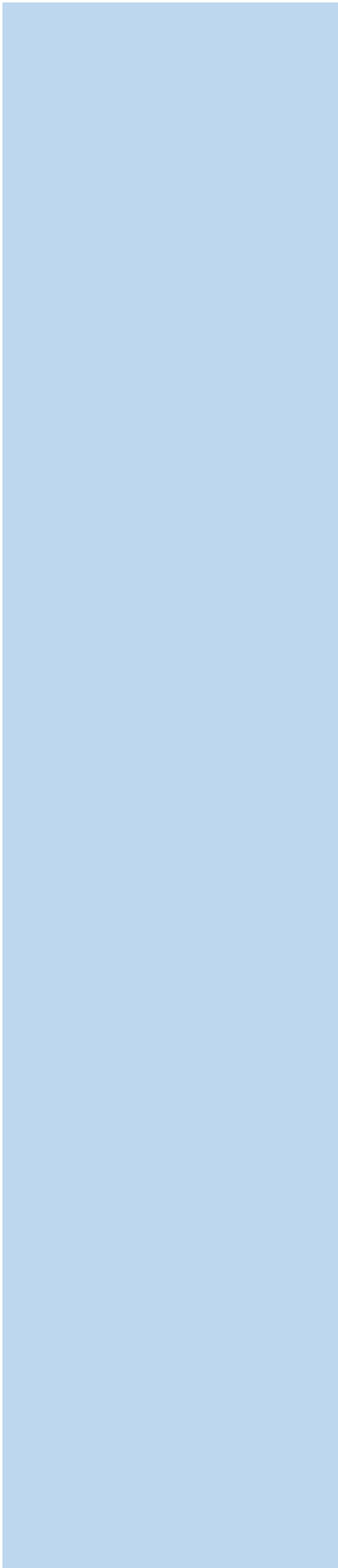


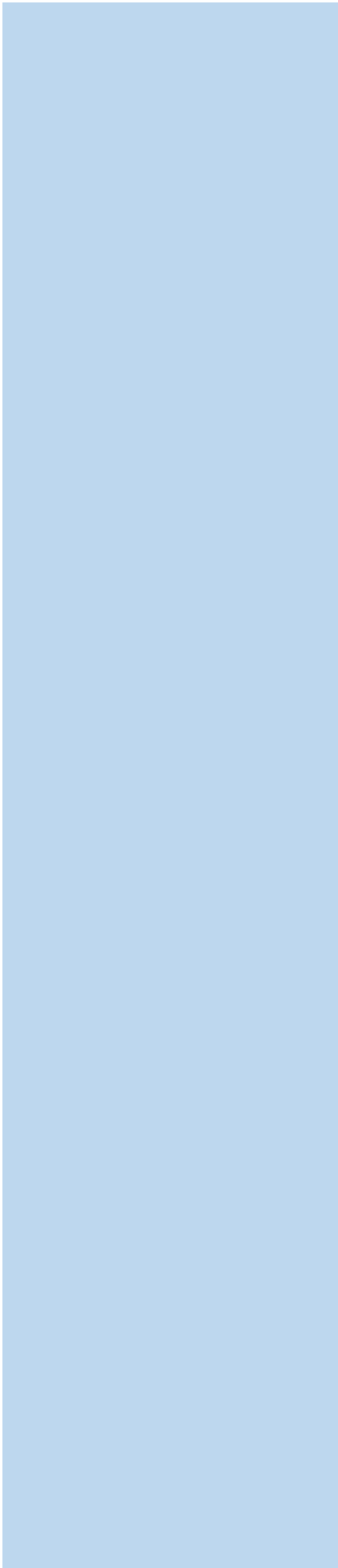


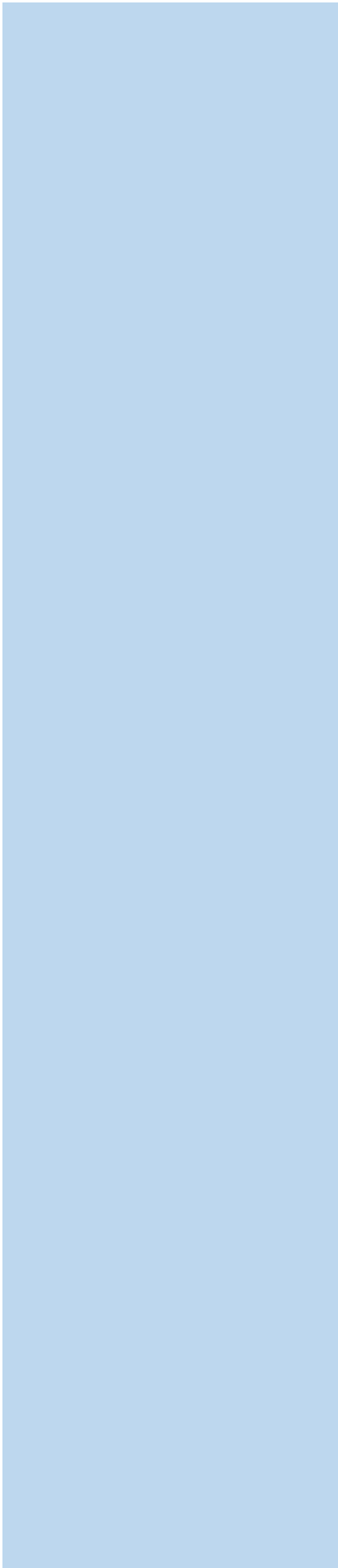


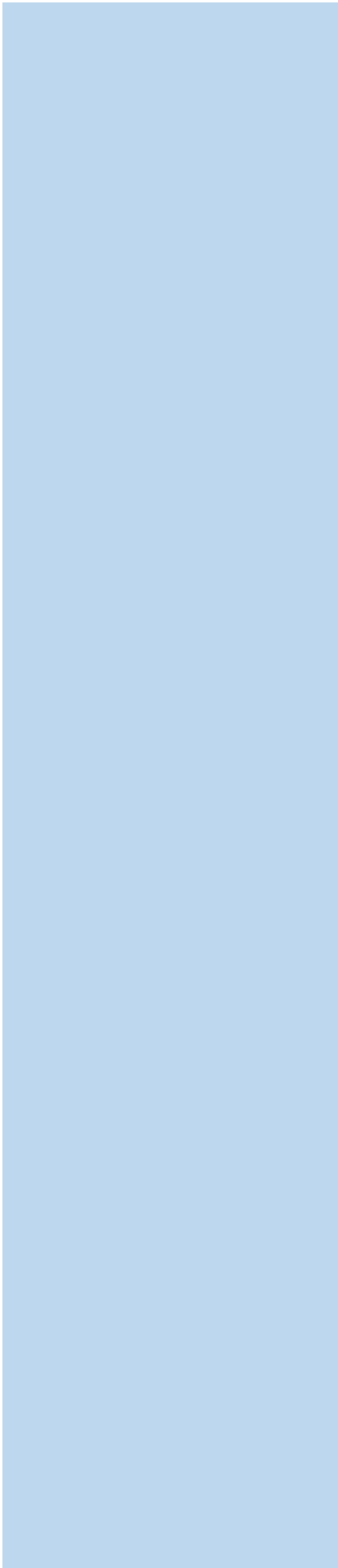


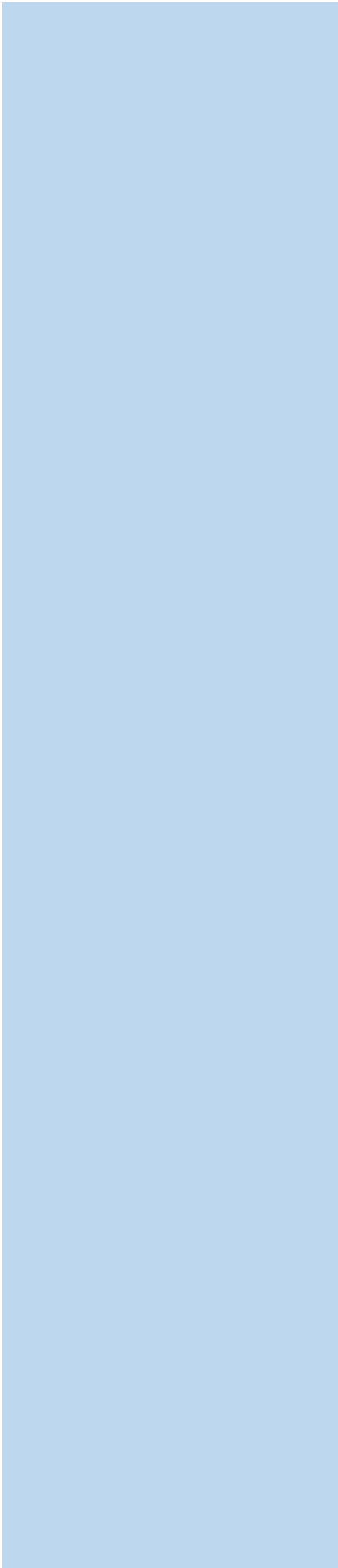


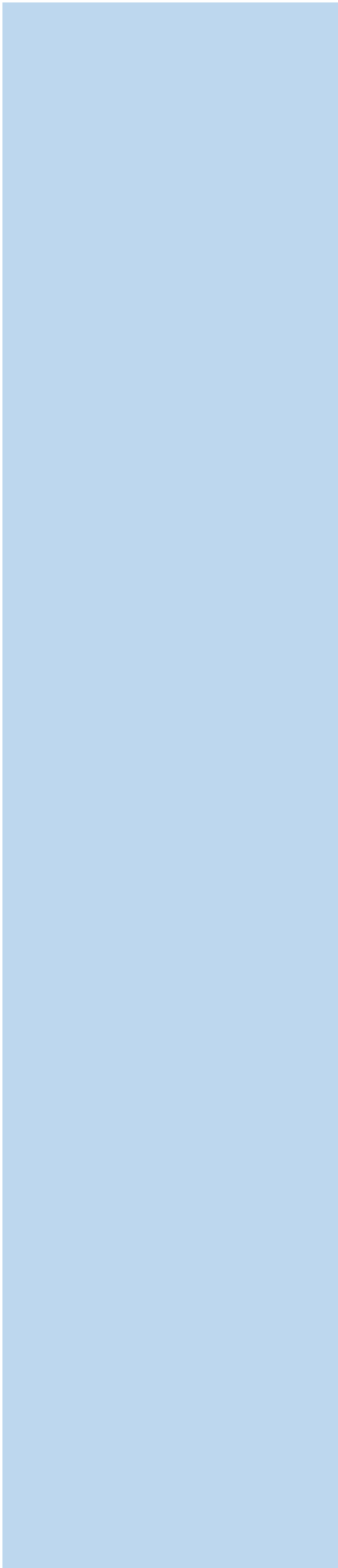


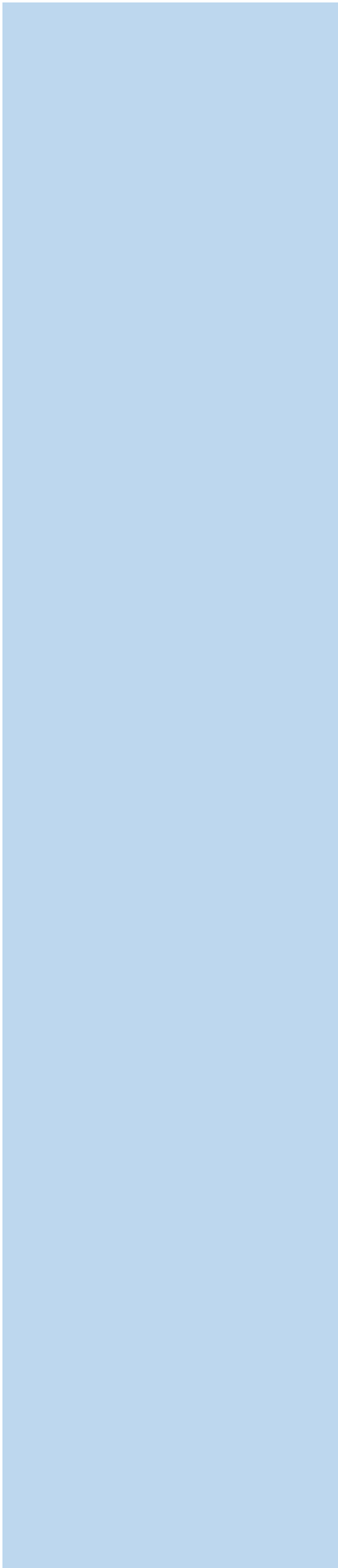


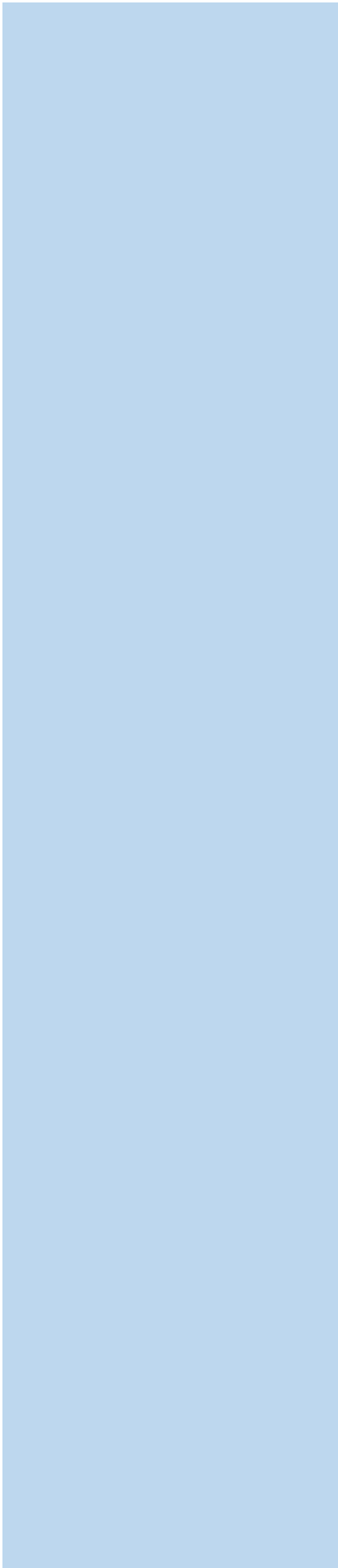


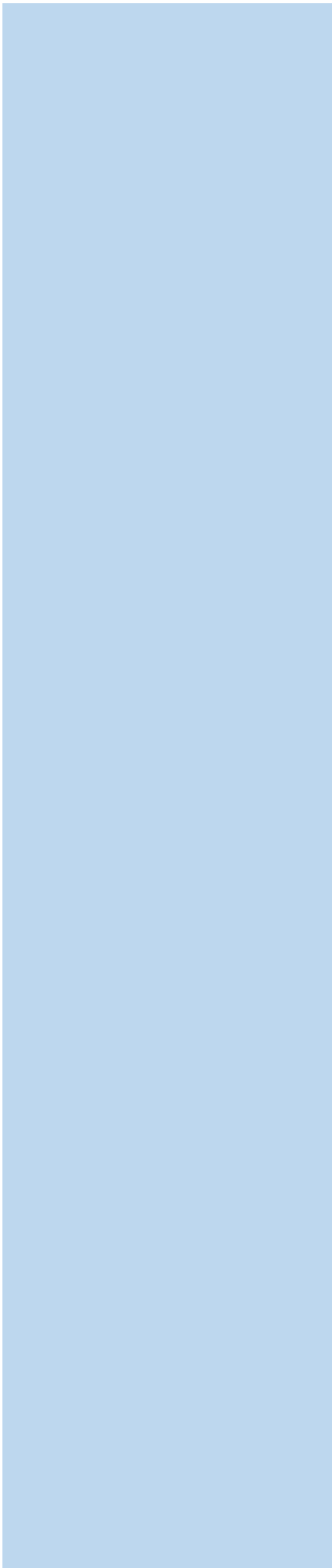














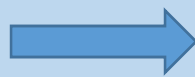
# The Biodiversity Me Ma

Start page

Instructions

Start here

1



2

## On-site baseline

A-1  
On-site  
habitat

B-1  
On-site  
hedge  
baseline

C-1  
On-Site  
river  
baseline

## On-site post development

A-2 Habitat  
creation

A-3 Habitat  
enhancement

A-4 Ha  
acceler  
succes

B-2 Hedgerow  
creation

B-3 Hedgerow  
enhancement

C-2 River  
creation

C-3 River  
enhancement



# etric 2.0 - Calculation Tool

ain menu

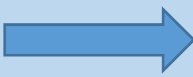
St
Tree size
Small
Medium
Large
Total

Technical data

Results



3



4

Off-site  
baseline

D-1  
Off-site  
habitat

E-1  
Off-site  
hedge  
baseline

F-1  
Off-site  
river  
baseline

Off-Site post de

D-2 Habitat  
creation

D-3 Habi  
enhancem

E-2 Hedgerow  
creation

F-2 River  
creation

bitat  
rated  
ssion



Street tree helper	
Tree number	Area
	0.0000
59	0.2401
	0.0000
<b>59.00</b>	<b>0.2401</b>

## Development

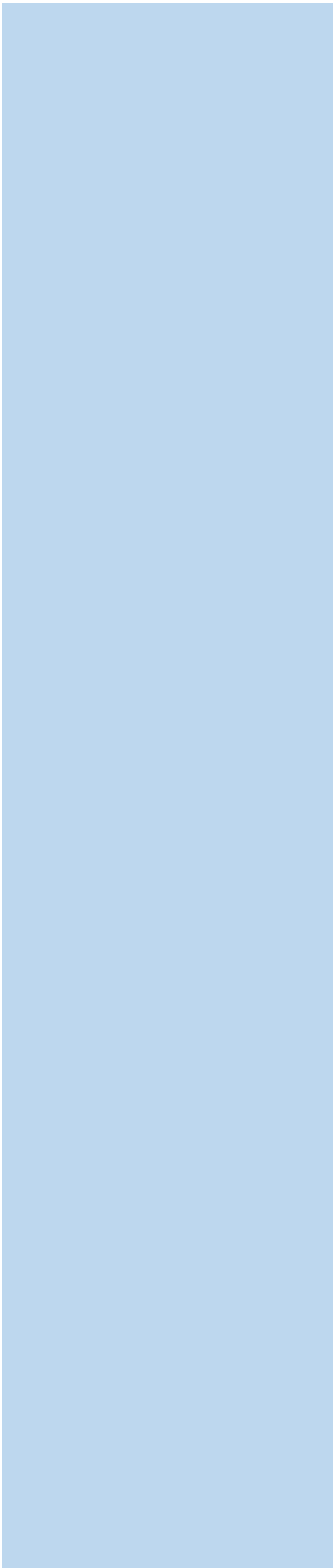
Habitat  
enhancement

D-4 Habitat  
accelerated  
succession

E-3 Hedgerow  
enhancement

F-3 River  
enhancement







# The Biodiversity Calculation

Return to start  
page

Headline results

Detailed results



# Metric 2.0 - n Tool

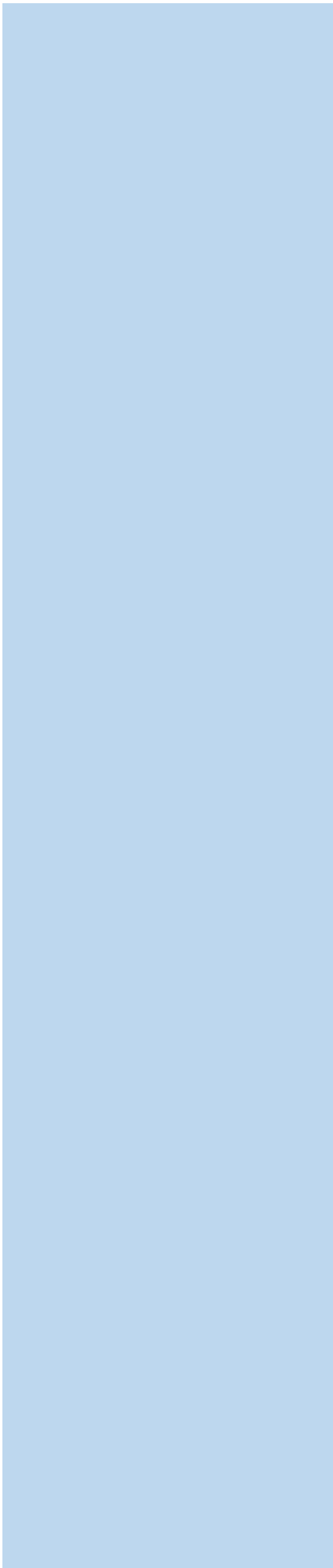
ults

Habitat trading  
summary











Former Coombs Hall

## Headline Results

[Return to results menu](#)

On-site baseline	<i>Habitat units</i>	3.46
	<i>Hedgerow units</i>	0.38
	<i>River units</i>	0.00
On-site post-intervention (Including habitat retention, creation, enhancement & succession)	<i>Habitat units</i>	1.67
	<i>Hedgerow units</i>	0.92
	<i>River units</i>	0.00
Off-site baseline	<i>Habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Off-site post-intervention (Including habitat retention, creation, enhancement & succession)	<i>Habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Total net unit change (including all on-site & off-site habitat retention/creation)	<i>Habitat units</i>	-1.79
	<i>Hedgerow units</i>	0.54
	<i>River units</i>	0.00

## Total net % change

(including all on-site & off-site habitat creation + retained habitats)

*Habitat units*

**-51.85%**

*Hedgerow units*

142.24%

*River units*

0.00%

















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Detailed Results

Return to results menu

## Summary Figures

<b>Net project biodiversity units</b> (including all on-site & off-site habitat retention/creation)	Habitats
	Hedgerows
	Rivers

<b>Total project biodiversity % change</b> (including all On-site & Off-site Habitat Creation + Retained Habitats)	Habitats
	Hedgerows
	Rivers

### On-site habitat retention and enhancement

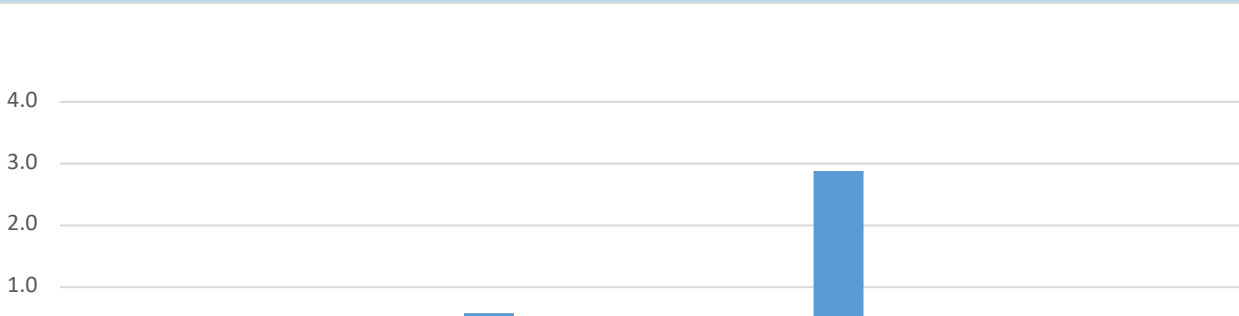
	Habitats	Hedgerows	Rivers
Total site area / length	1.05	0.19	0.00
Total site units	3.46	0.38	0.00

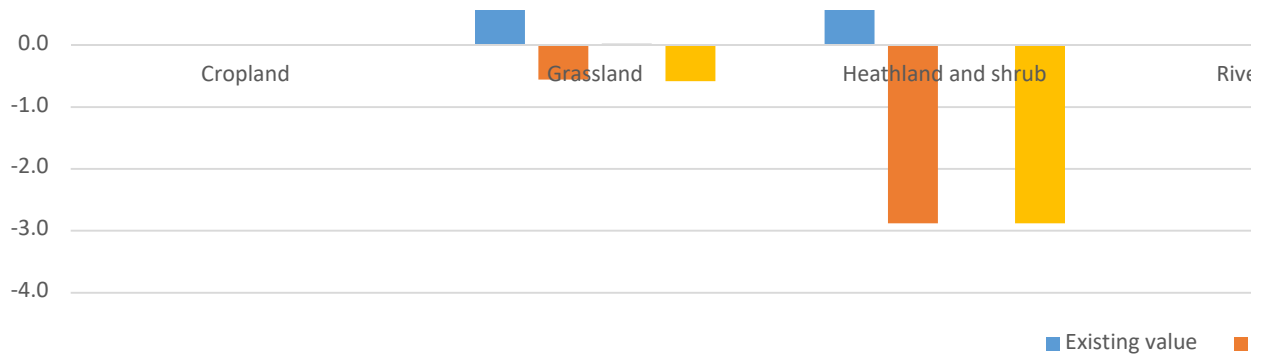
Area / length retained	0.00	0.00	0.00
Units Retained	0.00	0.00	0.00

Area / length enhanced	0.00	0.00	0.00
Baseline units enhanced	0.00	0.00	0.00

Area / length succession	0.00
Units succession	0.00

Area / length lost	1.05	0.19	0.00
Units lost	3.46	0.38	0.00





Habitat group	Pre-development		Post development on site	
	Existing area	Existing value	Proposed area	Proposed value
Cropland	0.0	0.0	0.0	0.0
Grassland	0.3	0.6	-0.3	-0.6
Heathland and shrub	0.4	2.9	-0.4	-2.9
Rivers and lakes	0.0	0.0	0.0	0.0
Sparsely vegetated land	0.0	0.0	0.0	0.0
Urban	0.4	0.0	0.9	1.6
Wetland	0.0	0.0	0.0	0.0
Woodland and forest	0.0	0.0	0.0	0.0

<i>Habitat units</i>	<b>-1.79</b>
<i>Edge units</i>	0.54
<i>River units</i>	0.00

<i>Habitat units</i>	<b>-51.85%</b>
<i>Edge units</i>	142.24%
<i>River units</i>	0.00%

### Area lost by distinctiveness band

Category	Area lost (hectares)	Area lost (%)
V.High	0	
High	0	
Medium	<b>0.36</b>	55
Low	<b>0.29</b>	45
V.Low	0	

Biodiversity unit change





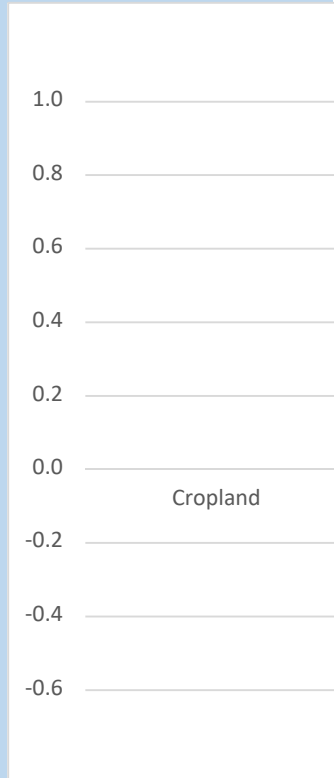
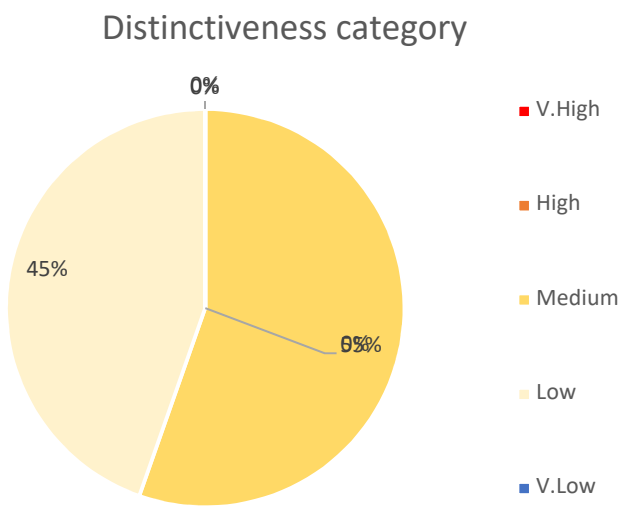
ers and lakes

Sparsely vegetated land

Urban

Proposed value   ■ Offsite proposed value   ■ Unit change

Post Development off site		Total post development	
Proposed area	Offsite proposed value	Proposed area	Proposed value
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
1.3	1.6	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0



Wetland	Woodland and forest

-3.0

-4.0

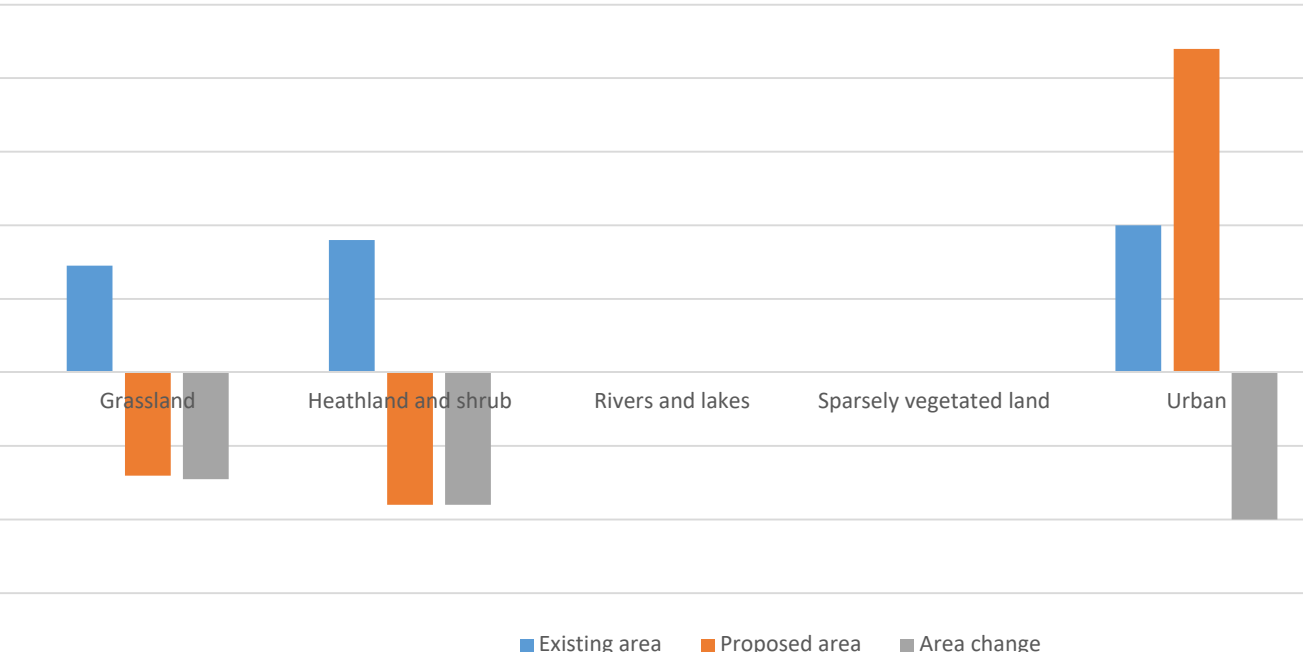
On-site hak

Change	
Area change	Unit change
0.0	0.0
-0.3	-0.6
-0.4	-2.9
0.0	0.0
0.0	0.0
-0.4	0.0
0.0	0.0
0.0	0.0





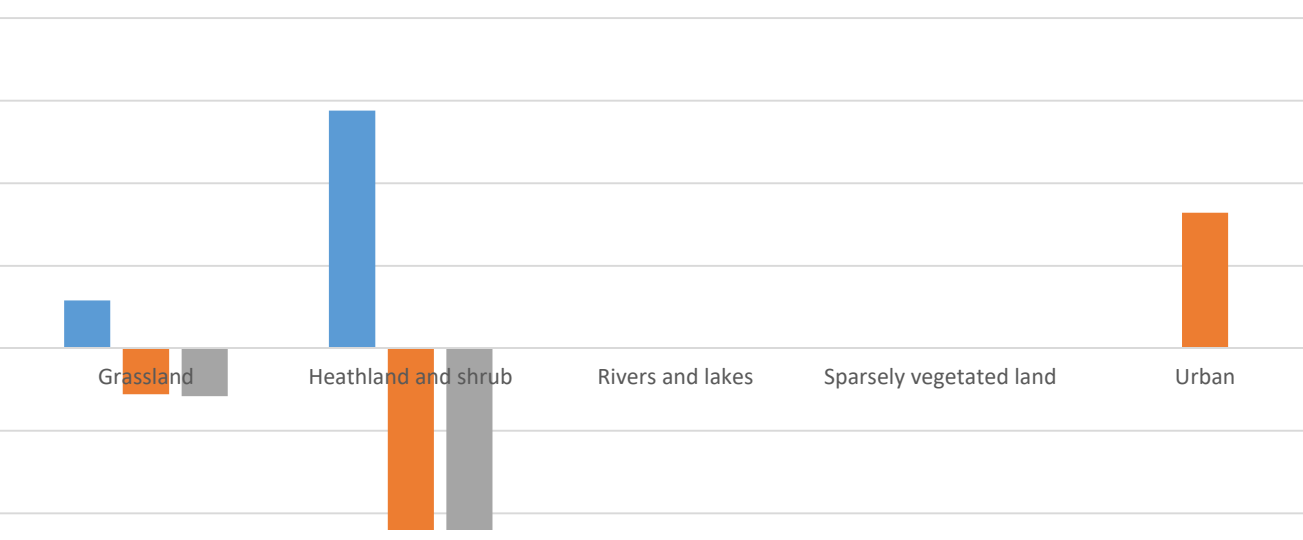
Area change by habitat group



Existing area Proposed area Area change



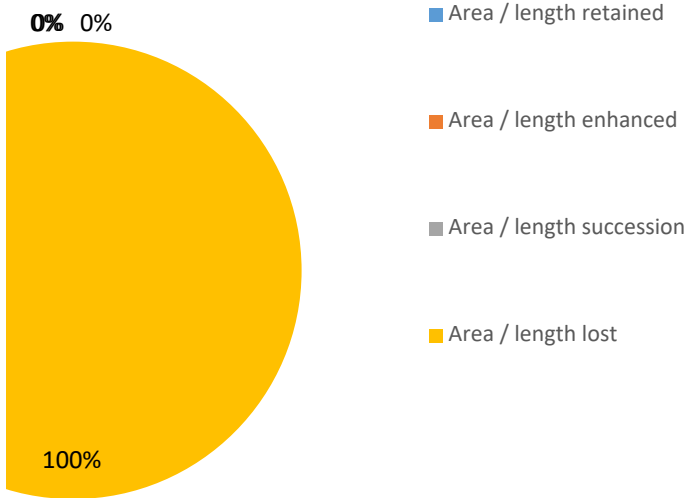
Unit change by habitat group



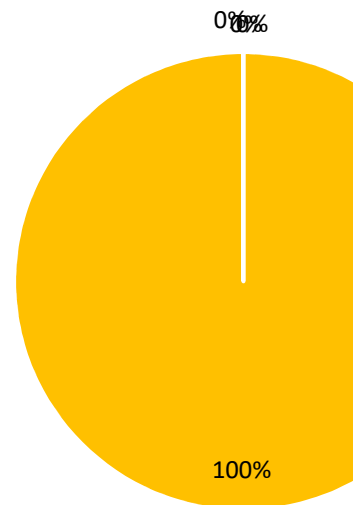


Existing value Proposed value Unit change

### Ecological habitat retention by category area (hectares)



### On-site habitat biodiversity





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Wetland      Woodland and forest

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Wetland      Woodland and forest

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Unit retention category  
University units



- Units Retained
- Baseline units enhanced
- Units succession
- Units lost

**Former Coombs Hall**  
**A-1 Site Habitat Base**

Condense / Show Columns

Main Menu

Ref	Broad Habitat
1	Urban
2	Urban
3	Grassland
4	Heathland and shrub
5	

line

Condense / Show Rows

Instructions

Habitats and areas		Habitat disti
Habitat type	Area (hectares)	Distinctiveness
Urban - Developed land; sealed surface	0.28	V.Low
Urban - Developed land; sealed surface	0.12	V.Low
Grassland - Modified grassland	0.29	Low
Heathland and shrub - Mixed scrub	0.36	Medium
<b>Total site area ha</b>	<b>1.05</b>	

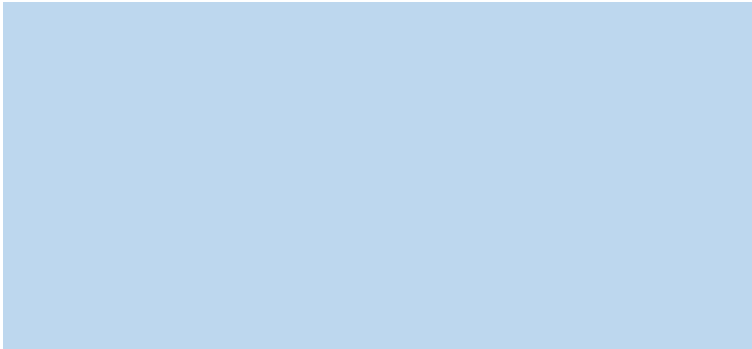
Connectiveness	Habitat condition		Ecological connectivity	
Score	Condition	Score	Ecological connectivity	Connectivity
0	N/A - Other	0	N/A	Assessment not appropriate
0	N/A - Other	0	N/A	Assessment not appropriate
2	Poor	1	Low	Unconnected habitat
4	Moderate	2	Low	Unconnected habitat

y	Strategic significance		
Connectivity multiplier	Strategic significance	Strategic significance	Strategic position multiplier
1	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
1	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

Suggested action to address habitat losses	Ecological baseline
	Total habitat units
Compensation Not Required	0.00
Compensation Not Required	0.00
Same distinctiveness or better habitat required	0.58
Same broad habitat or a higher distinctiveness habitat required	2.88
<b>Total Site baseline</b>	<b>3.46</b>

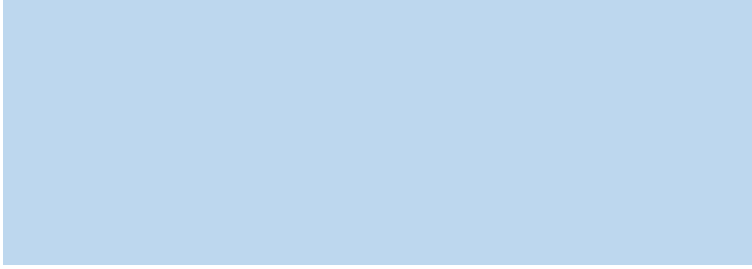
Retention categories			
Area retained	Area enhanced	Area succession	Baseline units retained
			0.00
			0.00
			0.00
			0.00
<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Category biodiversity value				Bespoke compensation agreed for unacceptable losses
Baseline units enhanced	Baseline units succession	Area lost	Units lost	
0.00	0.00	0.28	0.00	
0.00	0.00	0.12	0.00	
0.00	0.00	0.29	0.58	
0.00	0.00	0.36	2.88	
<b>0.00</b>	<b>0.00</b>	<b>1.05</b>	<b>3.46</b>	



Comm

**Assessor comments**



ments

**Reviewer comments**


**Former Coombs Hall**

**A-2 Site Habitat Creation**

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Proposed habitat	Area (hectares)	Distinctiveness
Urban - Vegetated garden	0.24	Low
Grassland - Modified grassland	0.009	Low
Urban - Introduced shrub	0.28	Low
Urban - Street Tree	0.24	Low
Urban - Developed land; sealed surface	0.52	V.Low
<b>Totals</b>	<b>1.05</b>	

**Error - Area of developm**

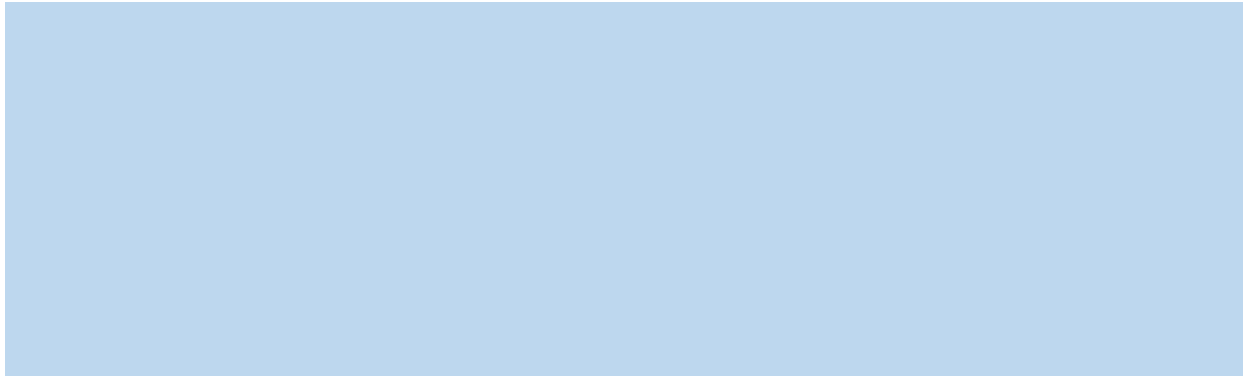
**Post development/ post intervention habitats**

Score	Condition	Score	Ecological connectivity		
			Ecological connectivity	Connectivity	Connectivity multiplier
2	Poor	1	Low	Unconnected habitat	1
2	Moderate	2	Low	Unconnected habitat	1
2	Fairly Poor	1.5	Low	Unconnected habitat	1
2	Moderate	2	Low	Unconnected habitat	1
0	N/A - Other	0	N/A	Assessment not appropriate	1

**ment and habitat creation must match the area of habitats lost**

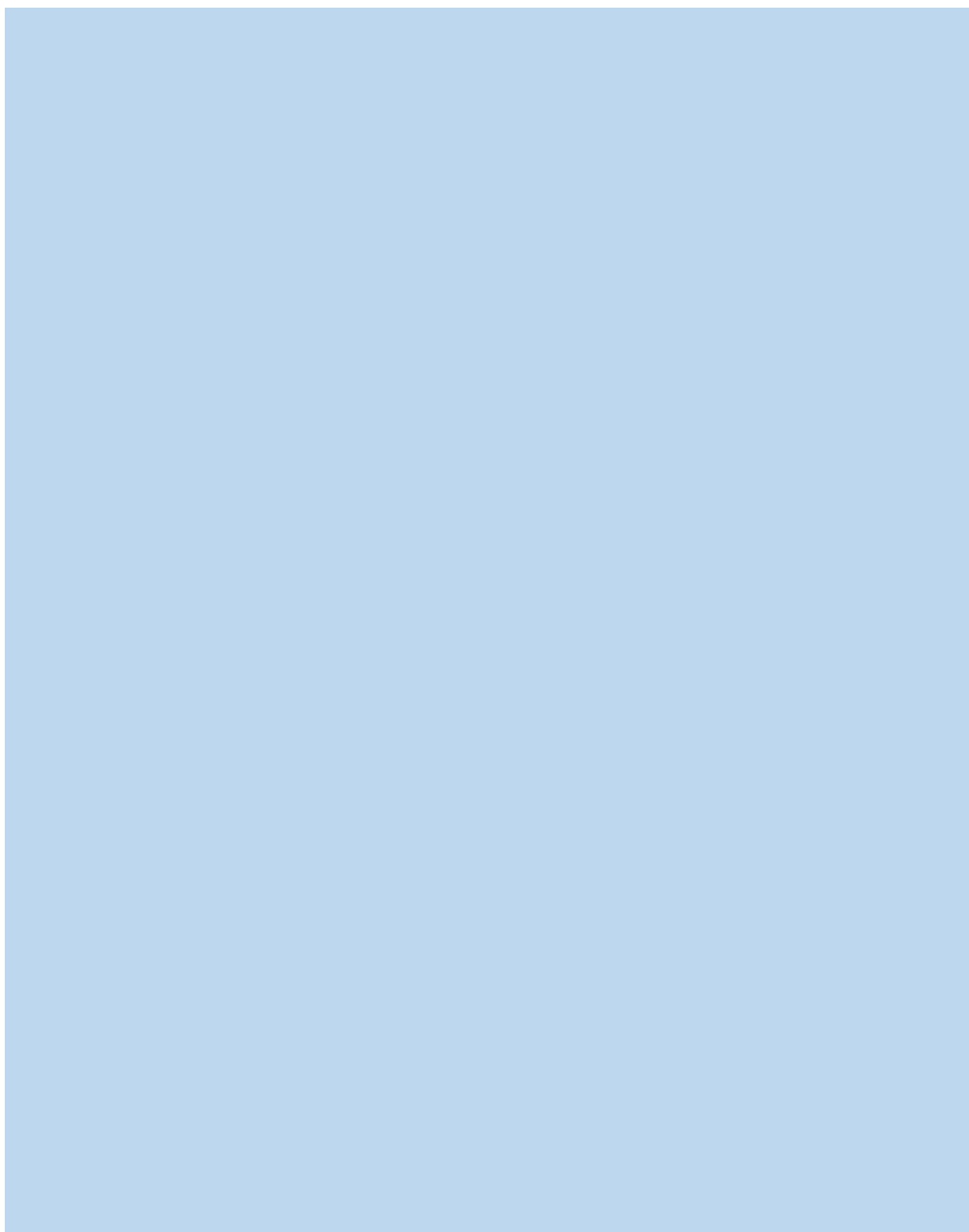
Strategic significance			Temporal m
Strategic significance	Strategic significance	Strategic position multiplier	Time to target condition/years
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	10
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	27
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0

multiplier	Difficulty multipliers		Habitat units delivered
Time to target multiplier	Difficulty of creation category	Difficulty of creation multiplier	
0.965	Low	1	0.46
0.700	Low	1	0.03
0.965	Low	1	0.81
0.382	Low	1	0.37
1.000	Low	1	0.00
		<b>Total Units</b>	<b>1.67</b>



<b>Comments</b>	
<b>Assessor comments</b>	<b>Reviewer comments</b>





**Former Coombs Hall**

**B-1 Site Hedge Baseline**

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

**UK Habitats - existing habitats**

Baseline ref	Hedge number	Hedgerow type
1		Native Hedgerow
2		
3		
4		
5		
		<b>Total Site length/KM</b>

	Habitat distinctiveness		Habitat condition		Ecological connectivity	
length KM	Distinctiveness	Score	Condition	Score	Ecological connectivity	Connectivity
0.19	Low	2	Poor	1	Low	Unconnected habitat
<b>0.19</b>						

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

	Ecological baseline
<b>Suggested action to address habitat losses</b>	<b>Total hedgerow units</b>
Same distinctiveness band or better	0.38
<b>Total Site baseline</b>	<b>0.38</b>

Retention category biodiversity val			
Length retained	Length enhanced	Units retained	Units enhanced
		0	0
<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

ue		Comm
Length lost	Units lost	Assessor comments
0.19	0.38	
<b>0.19</b>	<b>0.38</b>	

ments
<b>Reviewer comments</b>



Former Coombs Hall

**B-2 Site Hedge Creation**

Condense / Show Columns

Condense / Show Rows

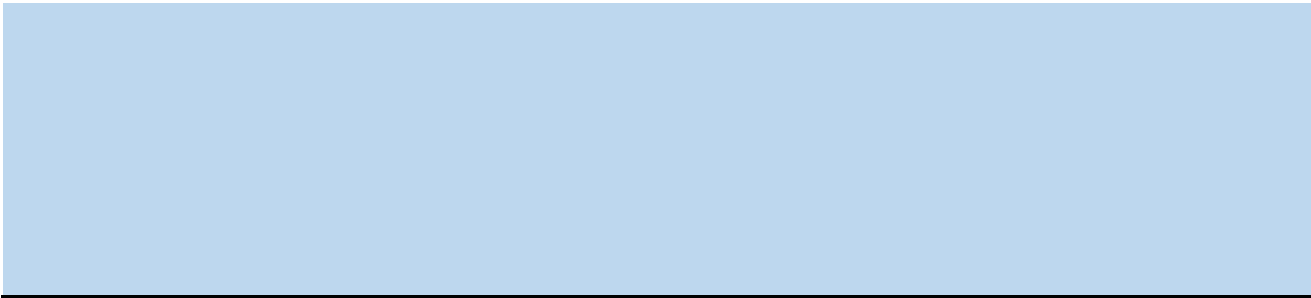
Main Menu

Instructions

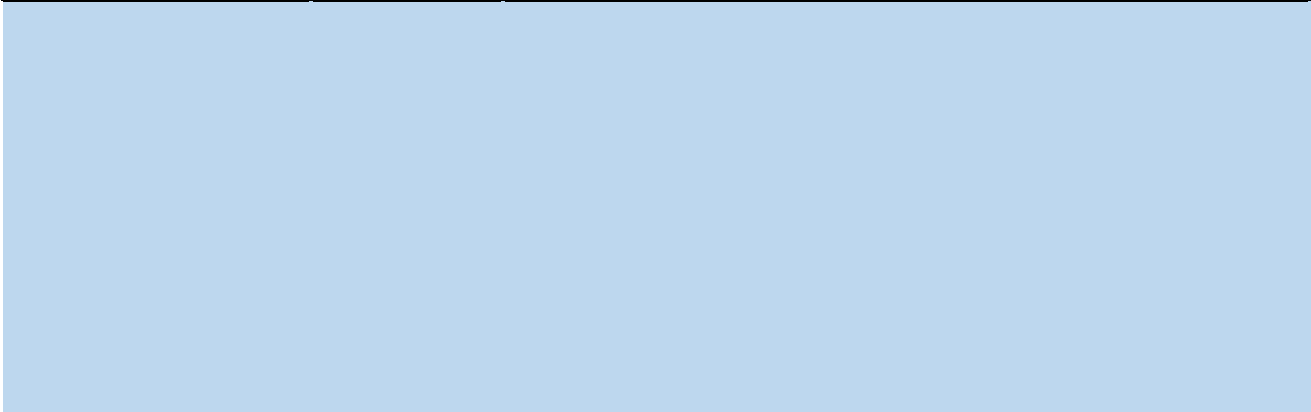
**Proposed habitats**

Baseline ref	New hedge number	Habitat type
1		Native Hedgerow
2		
3		
4		
5		
Creation Length/KM		

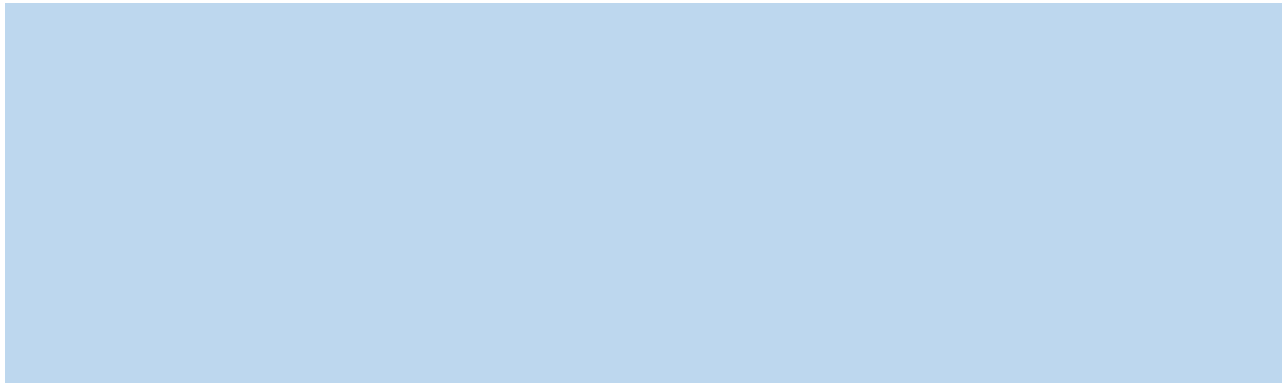
Habitat distinctiveness		Habitat condition			
Length km	Distinctiveness	Score	Condition	Score	Ecological connectivity
0.25	Low	2	Moderate	2	Medium
<b>0.25</b>					



<b>Multipliers</b>			
<b>Spatial quality</b>			
<b>Ecological connectivity</b>		<b>Strategic significance</b>	
<b>Connectivity</b>	<b>Connectivity multiplier</b>	<b>Strategic significance</b>	<b>Strategic significance</b>
Moderately connected habitat	1.1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance



Temporal multiplier			Difficulty of creation multiplier	Hedge units delivered
Strategic position multiplier	Time to target condition/years	Time to target multiplier		
1	5	0.837	1	0.92
				<b>0.92</b>



<b>Comments</b>	
<b>Assessor comments</b>	<b>Reviewer comments</b>





Return to start

<b>Phase 1 Habitat</b>
Woodland
Broadleaved woodland
Semi-natural broadleaved woodland
Plantation broadleaved woodland
Coniferous woodland
Semi-natural coniferous woodland
Plantation coniferous woodland
Mixed woodland
Semi-natural mixed woodland
Plantation mixed woodland
Scrub
Dense / continuous scrub
Scattered scrub
Parkland / scattered trees
Broadleaved parkland / scattered trees
Coniferous parkland / scattered trees
Mixed parkland / scattered trees
Recently-felled woodland
Broadleaved recently felled woodland
Coniferous recently felled woodland
Mixed recently felled woodland
Acid grassland
Acid grassland
Unimproved acid grassland
Unimproved acid grassland
Semi-improved acid grassland (Good quality)
Semi-improved acid grassland (Good quality)
Semi-improved acid grassland (Poor quality)
Neutral grassland
Unimproved neutral grassland
Semi-improved neutral grassland (Good quality)
Semi-improved neutral grassland (Poor quality)
Calcareous grassland
Calcareous grassland
Unimproved calcareous grassland
Unimproved calcareous grassland
Semi-improved calcareous grassland (Good quality)
Semi-improved calcareous grassland (Good quality)
Semi-improved calcareous grassland (Poor quality)
Improved grassland
Marsh/marshy grassland
Marsh/marshy grassland
Marsh/marshy grassland

Poor semi-improved grassland
Strandline vegetation coastland
Sand dune
Dune slack sand dune coastland
Dune grassland sand dune coastland
Dune heath sand dune coastland
Dune scrub sand dune coastland
Open dune sand dune coastland
Maritime cliff coastland
Hard maritime cliff coastland
Soft maritime cliff
Crevice/ledge vegetation
Crevice/ledge vegetation
Coastal grassland
Coastal grassland
Coastal grassland
Coastal grassland
Coastal heathland
Coastal heathland
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Dry dwarf shrub heath
Dry dwarf shrub heath
Acidic dry dwarf shrub heath
Acidic dry dwarf shrub heath
Basic dry dwarf shrub heath
Basic dry dwarf shrub heath
Wet dwarf shrub heath
Wet dwarf shrub heath
Lichen / bryophyte heath
Lichen / bryophyte heath
Montane heath / dwarf herb
Dry heath / acidic grass mosaic
Wet heath / acidic grass mosaic
Dry heath / acidic grass mosaic
Wet heath / acidic grass mosaic
Bracken
Continuous bracken
Scattered bracken
Other tall herb or fern (Good quality)
Other tall herb or fern

Tall ruderal
Non-ruderal
Bog
Sphagnum bog
Blanket bog
Raised bog
Wet modified bog
Dry modified bog
Dry modified bog
Flush and spring
Acid/neutral flush
Basic flush
Bryophyte-dominated spring
Fen
Valley mire
Basin mire
Floodplain mire
Bare peat
Swamp
Marginal and inundation
Marginal and inundation
Marginal vegetation
Inundation vegetation
Natural rock exposures and caves (Good quality)
Natural rock exposures and caves
Inland cliff (High quality)
Inland cliff
Acidic inland cliff
Basic inland cliff
Scree
Acidic scree
Basic scree
Limestone pavement
Other natural rock exposure
Other acidic natural rock exposure
Other basic rock exposure
Artificial rock exposures
Artificial rock exposures
Artificial rock exposures
Artificial rock exposures
Artificial rock exposures
Artificial rock exposures
Quarry
Spoil heap
Mine
Refuse tip
Cultivated/disturbed ground
Arable
Amenity grassland
Ephemeral / short perennial

Introduced shrub
Fence
Wall
Built-up areas
Caravans
Sea wall (artificial materials)
Buildings
Bare ground



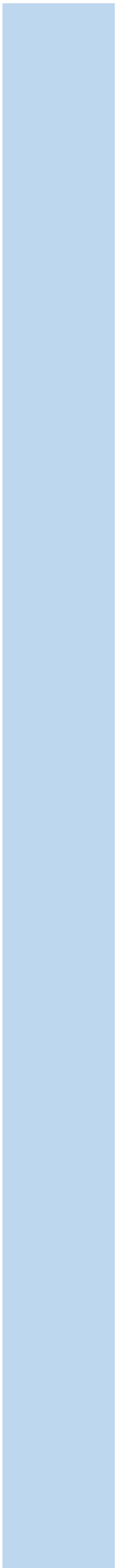
<b>UK Hab habitat</b>	<b>Distinctiveness band</b>
Woodland and forest - Other woodland; mixed	Medium
Woodland and forest - Other woodland; broadleaved	Medium
Woodland and forest - Lowland mixed deciduous woodland	High
Woodland and forest - Other woodland; broadleaved	Medium
Woodland and forest - Other coniferous woodland	Low
Woodland and forest - Native pine woodlands	High
Woodland and forest - Other coniferous woodland	Low
Woodland and forest - Other woodland; mixed	Medium
Woodland and forest - Lowland mixed deciduous woodland	High
Woodland and forest - Other woodland; mixed	Medium
Heathland and shrub - Mixed scrub	Medium
Heathland and shrub - Mixed scrub	Medium
Heathland and shrub - Mixed scrub	Medium
Woodland and forest - Wood-pasture and parkland	High
Woodland and forest - Wood-pasture and parkland	High
Woodland and forest - Other coniferous woodland	Medium
Woodland and forest - Wood-pasture and parkland	High
Woodland and forest - Felled	Medium
Woodland and forest - Felled	Medium
Woodland and forest - Felled	Medium
Woodland and forest - Felled	Medium
Grassland - Other lowland acid grassland	Medium
Grassland - Upland acid grassland	Medium
Grassland - Lowland dry acid grassland	V.High
Grassland - Upland hay meadows	V.High
Grassland - Upland acid grassland	Medium
Grassland - Other lowland acid grassland	Medium
Grassland - Modified grassland	Low
Grassland - Other neutral grassland	Medium
Grassland - Lowland meadows	V.High
Grassland - Other neutral grassland	Medium
Grassland - Modified grassland	Low
Grassland - Upland calcareous grassland	High
Grassland - Lowland calcareous grassland	High
Grassland - Lowland calcareous grassland	High
Grassland - Upland calcareous grassland	High
Grassland - Upland calcareous grassland	High
Grassland - Lowland calcareous grassland	High
Grassland - Modified grassland	Low
Grassland - Modified grassland	Low
Wetland - Purple moor grass and rush pastures	V.High
Grassland - Other neutral grassland	Medium
Grassland - Modified grassland	Low

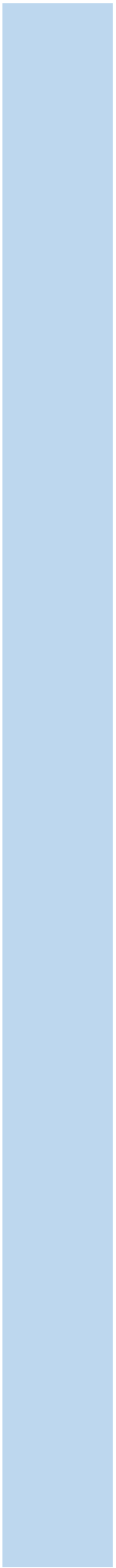
Grassland - Modified grassland	Low
Sparsely vegetated land - Coastal vegetated shingle	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Grassland - Tall herb communities	High
Sparsely vegetated land - Maritime cliff and slopes	High
Grassland - Lowland meadows	V.High
Grassland - Lowland dry acid grassland	V.High
Grassland - Other lowland acid grassland	Medium
Sparsely vegetated land - Maritime cliff and slopes	High
Heathland and shrub - Lowland Heathland	High
lakes - Aquifer fed naturally fluctuating water bodies	V.High
Lakes - Ditches	Medium
Lakes - High alkalinity lakes	High
Lakes - Low alkalinity lakes	High
Lakes - Marl Lakes	High
Lakes - Moderate alkalinity lakes	High
Lakes - Peat Lakes	High
Lakes - Ponds (Priority Habitat)	High
Lakes - Ponds (Non- Priority Habitat)	High
Lakes - Reservoirs	Medium
Lakes - Temporary lakes, ponds and pools	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Mountain heaths and willow scrub	V.High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Upland Heathland	High
Grassland - Bracken	Medium
Grassland - Bracken	Medium
Grassland - Bracken	Medium
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Grassland - Bracken	Medium

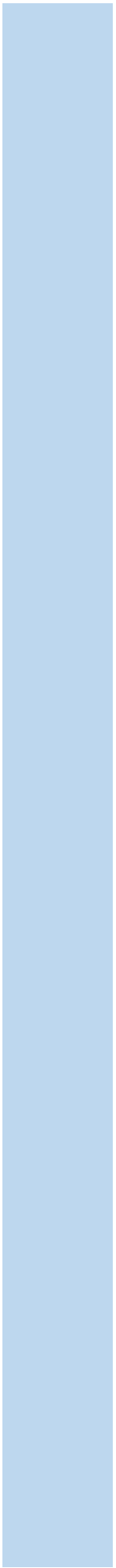
Sparsely vegetated land - Ruderal/Ephemeral	Low
Sparsely vegetated land - Ruderal/Ephemeral	Low
Wetland - Lowland raised bog	V.High
Wetland - Lowland raised bog	V.High
Wetland - Blanket bog	V.High
Wetland - Lowland raised bog	V.High
Wetland - Transition mires and quaking bogs (H7140)	V.High
Wetland - Blanket bog	V.High
Wetland - Lowland raised bog	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Wetland - Depressions on Peat substrates (H7150)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Reedbeds	High
Use the Feature that it is within, i.e. River, Lake type etc.	
Wetland - Reedbeds	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Limestone pavement	V.High
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Urban - Sand pit quarry or open cast mine	Low
Urban - Sand pit quarry or open cast mine	Low
Urban - Sand pit quarry or open cast mine	Low
Urban - Artificial unvegetated, unsealed surface	V.Low
Cropland - Cereal crops other	Low
Cropland - Cereal crops	Low
Urban - Amenity grassland	Low
Sparsely vegetated land - Ruderal/Ephemeral	Low

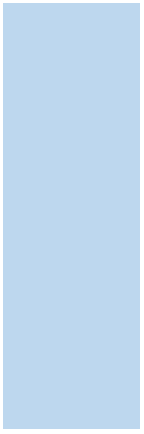
Urban - Introduced shrub	Low
Urban - Built linear features	V.Low
Urban - Built linear features	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Vacant/derelict land/ bareground	Low











# The Biodiversity Metric 2.0 - Calculator

Return to start  
page

All area habitats

Area habitat gr

Temporal multipliers

Enhancement ter  
multipliers

River data

Condition d



# Calculation Tool

roups

Multipliers

mporal

Hedgerow data

ata

UKHab/Phase 1  
translation







