

The Statutory Biodiversity Metric

Start page

Project details

Planning authority:			
Project name:			
Applicant:			
Application type:			
Planning application reference:			
Completed by:	Digby Hayden		
Date of metric completion:	18 March 2025		
Reviewer:			
Calculation iteration:			
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	5.46	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	N/A	Irreplaceable habitat area off-site (hectares):	N/A

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Cell style conventions

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

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On-site baseline map

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On-site post intervention map

[Insert](#)

On-site baseline map reference number

On-site post-intervention map reference number

Off-site baseline map

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Off-site post intervention map

[Insert](#)

Off-site baseline map reference number

Off-site post-intervention reference number

Key

-  Area habitats
-  Hedgerows and lines of trees
-  Watercourses

The Statutory Biodiversity Metric Main menu

Tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small	70	0.2850		0.0000		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	70	0.2850	0	0.0000	0	0.0000

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Technical data

Results

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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 Statutory Biodiversity Metric Results

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summary](#)

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habitats summary](#)

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summary](#)

Headline Results		Return to results menu	
Scroll down for final results ⚠			
On-site baseline	Habitat units	24.61	
	Hedgerow units	0.00	
	Watercourse units	2.92	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	29.13	
	Hedgerow units	0.00	
	Watercourse units	3.23	
On-site net change (units & percentage)	Habitat units	4.52	18.36%
	Hedgerow units	0.00	0.00%
	Watercourse units	0.31	10.62%

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	4.52	
	Hedgerow units	0.00	
	Watercourse units	0.31	
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	4.52	
	Hedgerow units	0.00	
	Watercourse units	0.31	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	18.36%	
	Hedgerow units	0.00%	
	Watercourse units	10.62%	
Trading rules satisfied?	Yes ✓		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	24.61	27.08	0.00	No additional area habitat units required to meet target ✓
Hedgerow units	10.00%	0.00	0.00	0.00	No additional hedgerow units required to meet target ✓
Watercourse units	10.00%	2.92	3.22	0.00	No additional watercourse units required to meet target ✓

Return to results menu	Trading Summary		
	Dietary/Exercise Group	Trading Rule	Trading Satisfied?
Trading summary hedgers	Very High	Same habitat required - Deepake compensation option A	Yes ✓
	High	Same habitat required =	Yes ✓
	Medium	Same broad habitat or a higher dietary/exercise habitat required (C)	Yes ✓
	Low	Same dietary/exercise or better habitat required =	Yes ✓

Very High Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project-wide unit change	Unit losses
Grassland - Lowland dry acid grassland	Grassland	0.00	0.00	0.00	
Grassland - Lowland meadows	Grassland	0.00	0.00	0.00	
Grassland - Upland hay meadows	Grassland	0.00	0.00	0.00	
Heathland and shrub - Mountain heath and wetter scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Aquatic bed naturally fluctuating water bodies	Lakes	0.00	0.00	0.00	
Scarcely vegetated land - Calluna/mire vegetated land	Scarcely vegetated land	0.00	0.00	0.00	
Scarcely vegetated land - Limestone karrenstone	Scarcely vegetated land	0.00	0.00	0.00	
Wetland - Blanket bog	Wetland	0.00	0.00	0.00	
Wetland - Deep exposures on peat substrates (H7169)	Wetland	0.00	0.00	0.00	
Wetland - Fens (upland and lowland)	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - Oceanic valley mire (H1123.1)	Wetland	0.00	0.00	0.00	
Wetland - Purple moor or sedge and rush swamps	Wetland	0.00	0.00	0.00	
Wetland - Transition mire and quaternary bog (H7145)	Wetland	0.00	0.00	0.00	
Woodland and forest - Mixed pasture and parkland	Woodland and forest	0.00	0.00	0.00	
Rocky shore - High intensity littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Moderate intensity littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Low intensity littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Features of littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Intertidal sediments - Littoral seaweeds on peat, clay or chalk	Intertidal sediments	0.00	0.00	0.00	0.00

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

High Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project-wide unit change	Losses not yet accounted for
Grassland - Traditional orchards	Grassland	2.15	0.00	2.15	
Grassland - Floodplain wetland mosaic and CPDM	Grassland	0.00	0.00	0.00	
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (H4/H5)	Grassland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Lowland heathland	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Downs with iron heath (H6/H7)	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Upland heathland	Heathland and shrub	0.00	0.00	0.00	
Lakes - High alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Low alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Marl lakes	Lakes	0.00	0.00	0.00	
Lakes - Moderate alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Peat lakes	Lakes	0.00	0.00	0.00	
Lakes - Ponds (exposed habitats)	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes ponds and ponds (M1/M2)	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Coastal land dunes	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Coastal vegetated shingle	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Inland rock outcrops and scree habitats	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Maritime cliff and slopes	Sparsely vegetated land	0.00	0.00	0.00	
Upland - Open moorland habitats on previously developed land	Upland	0.00	0.00	0.00	
Woodland - Beech	Woodland	0.00	0.00	0.00	
Woodland and forest - Felled/Reforestation for Biały woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland beech and horn woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland mixed deciduous woodland	Woodland and forest	8.83	0.00	8.83	
Woodland and forest - Native pine woodlands	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland birchwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland mixed hardwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland oakwood	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Wet woodland	Woodland and forest	0.00	0.00	0.00	
Coastal lagoons - Coastal lagoons	Coastal lagoons	0.00	0.00	0.00	
Rocky shores - High energy littoral rock	Rocky shores	0.00	0.00	0.00	
Rocky shore - Moderate energy littoral rock	Rocky shores	0.00	0.00	0.00	
Rocky shore - Low energy littoral rock	Rocky shores	0.00	0.00	0.00	
Rocky shore - Features of littoral rock	Rocky shores	0.00	0.00	0.00	
Intertidal sediment - Laminar mud	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Laminar mixed sediments	Intertidal sediment	0.00	0.00	0.00	
Coastal saltmarsh - Saltmarshes and saline rockpools	Coastal saltmarsh	0.00	0.00	0.00	
Intertidal sediment - Laminar biogenic muds - Nereidians	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Laminar biogenic muds - Sabellaria	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Features of littoral sediments	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Laminar muddy sand	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Laminar sandy silt	Intertidal sediment	0.00	0.00	0.00	
		2.55	0.00	2.55	6.00

High Distinctiveness Summary		
High Distinctiveness Units available to offset lower distinctiveness deficit	2.38	✓
Remaining losses; Like for like not satisfied	0.00	

Medium Distinctiveness						
Habitat group	Group	On-site unit change	Off-site unit change	Project wide unit change	Cumulative broad habitat change	
Cropland - Arable field margins cultivated annually	Cropland	0.00	0.00	0.00	0.00	
Cropland - Arable field margins game bird mix	Cropland	0.00	0.00	0.00	0.00	
Cropland - Arable field margins pollen and nectar	Cropland	0.00	0.00	0.00	0.00	
Cropland - Arable field margins tussocky	Cropland	0.00	0.00	0.00	0.00	
Cropland - Other lowland wet or watery	Cropland	0.00	0.00	0.00	0.00	
Cropland - Other mineral upland	Cropland	0.00	0.00	0.00	-2.98	A
Cropland - Upland wet or watery	Cropland	0.00	0.00	0.00	0.00	
Heathland and shrub - Heathland scrub	Heathland and shrub	0.00	0.00	0.00	0.00	
Heathland and shrub - Bramble scrub	Heathland and shrub	0.00	0.00	0.00	0.00	
Heathland and shrub - Oak scrub	Heathland and shrub	0.00	0.00	0.00	0.00	
Heathland and shrub - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00	0.00	1.49
Heathland and shrub - Willow scrub	Heathland and shrub	0.00	0.00	0.00	0.00	
Heathland and shrub - Hazel scrub	Heathland and shrub	0.00	0.00	0.00	0.00	
Heathland and shrub - Mixed scrub	Heathland and shrub	0.00	0.00	0.00	0.00	
Larvae - Fresh fine-grained heath	Larvae	0.00	0.00	0.00	0.00	
Larvae - Moorland	Larvae	0.00	0.00	0.00	0.78	✓
Shrubby vegetation land - Other inland rock and grass	Shrubby vegetation land	0.00	0.00	0.00	0.00	
Urban - Cemetery and churchyard	Urban	0.00	0.00	0.00	0.00	
Urban - Roadside green roof	Urban	0.00	0.00	0.00	0.00	
Individual trees - Urban tree	Individual trees	0.86	0.00	0.86	0.86	✓
Individual trees - Rural tree	Individual trees	0.00	0.00	0.00	0.00	
Woodland and forest - Other Soft-pine woodland	Woodland and forest	0.00	0.00	0.00	0.00	
Woodland and forest - Other woodland/broadleaved	Woodland and forest	0.00	0.00	0.00	0.00	
Woodland and forest - Other woodland mixed	Woodland and forest	0.00	0.00	0.00	0.00	
Intertidal sediment - Lateral coarse sediment	Intertidal sediment	0.00	0.00	0.00	0.00	
Intertidal sediment - Lateral sand	Intertidal sediment	0.00	0.00	0.00	0.00	
Intertidal hard structures - Artificial hard structures with snag and growing of gray saltmarsh cordgrass (SGC)	Intertidal hard structures	0.86	0.00	0.86	0.86	

Medium Distinctiveness Summary		
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	3.06	✓
Medium Distinctiveness Broad Habitat losses to be offset by trading up	-2.38	▲
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.60	✓
Cumulative surplus of units	3.07	

[illegible]

Low Distinctiveness Summary		
Low Distinctiveness not change in units	1.45	✓
Cumulative surplus of units	4.82	

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Trading summary area habitats

Trading summary watercourses

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required =	Yes ✓
High	Like for like or better	Yes ✓
Medium	Same distinctiveness or better habitat required	Yes ✓
Low	Same distinctiveness or better habitat required	Yes ✓
Very Low	Same distinctiveness 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	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses: 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 bank or ditch	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	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
High Distinctiveness losses to be offset by trading up	0.00
Higher Distinctiveness surplus units minus any high distinctiveness deficit	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 valuable line 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 habitats	0.00
Medium Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.00	0.00	0.00
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	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	0.00

Very Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Non-native and ornamental hedgerow	0.00	0.00	0.00
	0.00	0.00	0.00

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

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Trading
summary area
habitats

Trading
summary
hedgerows

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required – bespoke compensation option Δ	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
Remaining losses; Like for like not satisfied	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
Remaining losses; Like for like not satisfied	0.00

Medium Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Ditches	0.31	0.00	0.31 ✓
Canals	0.00	0.00	0.00
	0.31	0.00	0.31

Medium Distinctiveness Summary

Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.31 ✓
Remaining losses; 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	0.31 ✓

Project Name: Map Reference: A-1 On-Site Habitat Baseline				Area habitat summary			
				Total Net Unit Change		4.53	
				Total Net % Change		18.88%	
				Trading Rules Satisfied		Yes ✓	
Condense / Show Columns				Condense / Show Rows			
Main Menu							

Project Name:

Map Reference:

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	4.53
Total Net % Change	18.30%
Trading Rules Satisfied	Yes ✓
Area Check	Area Acceptable ✓

Post intervention habitats														
Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty		Habitat units delivered	Comments		
				Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition		Final time to target condition (years)	Final difficulty of creation		User comments	Planning authority comments	Habitat reference number
1	Urban	Developed land, sealed surface	0.937	V Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		0	Low	0.00			
2	Urban	Allotments	0.027	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		1	Low	0.05			
3	Urban	Vegetated garden	0.705	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		1	Low	1.36			
4	Grassland	Modified grassland	0.02	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		1	Low	0.04	LAP		
5	Lakes	Ponds (non-priority habitat)	0.108	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		3	Low	0.78	SUDs		
6	Grassland	Other neutral grassland	0.125	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		2	Low	0.47	Swale		
7	Heathland and shrub	Mixed scrub	0.3	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		5	Low	2.01			
8	Grassland	Traditional orchards	0.368	High	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		20	Low	2.15			
9	Individual trees	Urban tree	0.285	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		10	Low	0.80			
10														
11														
12														
13														
Total habitat area			2.97								7.65			
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)			2.50											
M² to hectares conversion tool:			Select a unit	Hectares	M²									

[illegible]

Project Name: Map Reference:

C-1 On-Site WaterC' Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Watercourse summary	
Total Net Unit Change	0.31
Total Net % Change	10.66%
Trading Rules Satisfied	Yes ✓

Existing watercourse type			Distinctiveness	Condition	Strategic significance	Watercourse encroachment	Riparian encroachment	Required Action to Meet Trading Rules	Ecological baseline
Ref	Watercourse type	Length (m)	Distinctiveness	Condition	Strategic significance	Extent of encroachment	Extent of encroachment for both banks		Total watercourse units
1	Other rivers and streams	0.14	High	Moderate	Area/compensation not in local strategy/ no local strategy	No Encroachment	Major/No Encroachment	Same habitat required =	1.46
2	Other rivers and streams	0.14	High	Moderate	Area/compensation not in local strategy/ no local strategy	No Encroachment	Major/No Encroachment	Same habitat required =	1.46
3									
4									
5									
6									
7									
		0.38							3.92

						Bespoke compensation agreed for losses of VEDW	Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length Lost	Units Lost		User Comments	Planning authority comments	Habitat reference number
0.14		1.46	0.00	0.00	0.00				
0.14		1.46	0.00	0.00	0.00				
0.38	0.00	3.92	0.00	0.00	0.00				

Version	Changes made	Date released
Version 1.0.0	Initial statutory version	29th November 2023
Version 1.0.1	Amended to fix an error in the irreplaceable habitats dropdown and minor changes to the working of the tool such as ensuring the rows auto populate correctly and cells adjust their height so error messages can be read	15th December 2023
Version 1.0.2	Updated to correct some labelling errors, minor formula errors and expand width of columns	12th February 2024
Version 1.0.3	Minor formatting errors corrected to ensure text is visible and flags appear correctly, version history sheet added.	23rd July 2024