BIODIVERSITY IMPACT ASSESSMENT

LAND OFF BURN ROAD, HUDDERSFIELD

JULY 2022

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1.0 INTRODUCTION

Site Information

1.1 Rachel Hacking Ecology Limited was commissioned in 2022 by Wiggett Construction to carry out a Biodiversity Impact Assessment of land at Burn Road, Huddersfield. The site is located south of the M62 (O.S. grid reference: SE 11957 18918 – see Figure 1). The proposed development site currently comprises semi-improved grassland, continuous scrub, tall, ruderal herb and a small stream.

1.2 A Biodiversity Impact Assessment is required to provide a measurement of the changes in biodiversity and demonstrate if the site will be in net gain or net loss as a result of the proposed development on site.

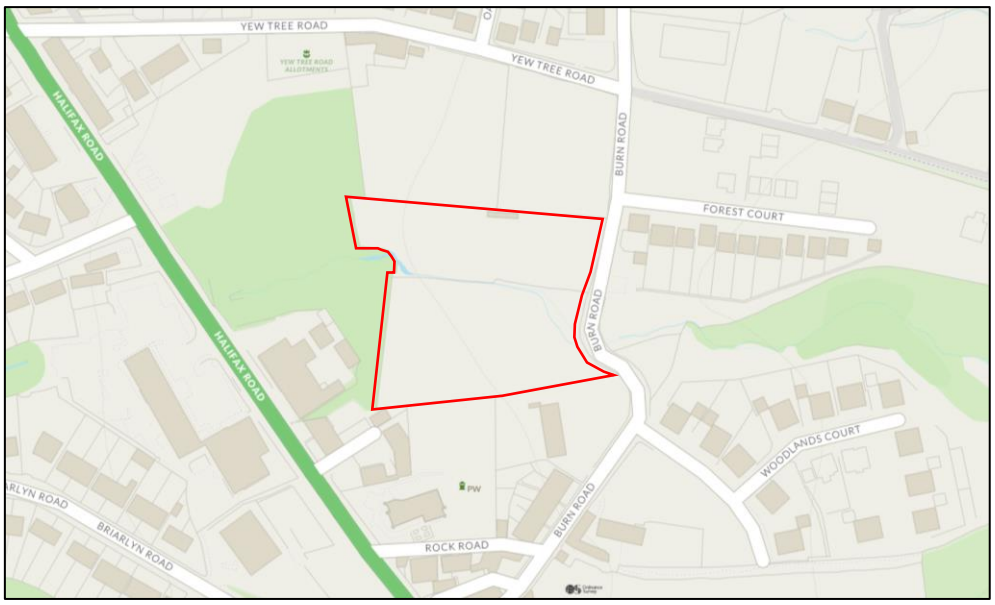


Figure 1 showing the location of the site

Description of Development

1.3 The site will be the subject of a planning application for residential development.

Biodiversity in Planning

1.4 Biodiversity is a material consideration, and Local Planning Authorities (LPAs) have a requirement to consider biodiversity and protected species when determining planning applications. Section 15 of the National Planning Policy Framework (July 2021) gives specific reference to minimising the impacts of development on biodiversity. Local and Neighbourhood plans also provide guidance towards protecting and enhancing biodiversity, including priority habitats and notable species.

2.0 METHODOLOGY

Phase 1 Habitat Survey

2.1 The baseline data was taken from an Extended Phase 1 Habitat Survey undertaken in May 2022 (see *Extended Phase 1 Habitat Survey, Land off Burn Road, Huddersfield* – Rachel Hacking Ecology).

DEFRA Biodiversity Metric 3.1 Calculation

2.2 Biodiversity net gain was calculated using Biodiversity Metric 3.1 Auditing and accounting for biodiversity Calculation tool.

- The onsite habitat baseline calculations are measured on MapInfo GIS software using the Phase 1 Habitat map.
- The Phase 1 habitat classifications are translated to UK Habitat Regulations using the translation tool in the Biodiversity Metric.
- All habitat conditions are based on the condition assessments listed in the habitat condition sheets excel document.
- The strategic significance is determined by deciding if the habitat is desirable within the location and seeing if it is identified within a local strategy.
- The areas to be retained or enhanced habitats are calculated using the Proposed Landscaping Masterplan.
- The site proposed habitats and associated scores are calculated using measurements and habitat information provided by Build Vision Consulting Engineers and Trevor Bridge Associates Ltd, as well as over-laying site plans onto the MapInfo GIS software and taking area measurements.
- The tree sizes were informed using the Arboricutural Impact Assessment reports courtesy of Trevor Bridge Associates Ltd (TBA) (see *TBA – PD/6724/TSR/SEP'21 – 2021 and TBA – MG/6724/AIA&AMS/REVA/JUL22 – 2022*).

2.3 The change is biodiversity is calculated by subtracting the baseline unit values from the post-development values of the broad habitat types. This is combined with any off-site gains or losses to give a final Biodiversity Unit Value for the scheme.

Personnel and Timing

2.4 Ben Crossthwaite carried out the calculations and assessment in July 2022, based on the results of the aforementioned Phase 1 Habitat Survey and the proposed landscape plans and areas provided by Build Vision Consulting Engineers and Trevor Bridge Associates Ltd (See Appendix A and B). Ben is an experienced ecologist and trained in biodiversity impact assessment.

3.0 RESULTS

3.1 The baseline habitats and their condition assessments are based on the Extended Phase 1 Habitat Survey of the site (RHE 2022) and are described below.

3.2 The baseline habitat units of the site are calculated to be 13.31 (see Appendix C). 0.26 habitat units will be retained as part of the proposals. The habitat conditions were assessed using the Biodiversity Metric 3.1 Habitat Condition Assessment Sheets document.

Baseline Habitat units

Grassland – Modified Grassland

3.3 This habitat dominates the central parts of the site, comprising species-rich modified grassland. This habitat is categorised as Poor, Semi-improved Grassland under the Phase 1 Habitat, JNCC standards. The areas of modified grassland have a total measurement of 0.51ha.

3.4 This habitat is assessed as having good condition (see Table 1). The grassland passed all the low distinctiveness grassland condition assessment criteria. There are less than 9 species per m², the sward height is varied, there is no Bracken present or physical damage and lacks invasive species in the habitat, although Himalayan Balsam is present in adjacent habitats. The grassland provides 3.06 habitat units.

Table 1 Showing the condition assessment of the Modified Grassland

The scores below show pass 'P' or fail 'F' for each criterion or 'NA' for any irrelevant criteria numbers where condition sheet contains fewer than 13 criteria.

Criterion	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	TOTAL
Result	P	P	P	P	P	P	P	N/A	N/A	N/A	N/A	N/A	N/A	7

Are any criteria non-negotiable? (Y/N) If Yes are they passed?	Condition 1 is non-negotiable to achieve a good condition.	Condition (Good/Moderate /Poor):	Good

Heathland and Shrub – Mixed Scrub

3.5 This habitat occurs across the site, particularly along the boundaries and stream banks. This habitat is categorised as Dense/Continuous Scrub under the Phase 1 Habitat Survey, JNCC standards.

3.6 This habitat is assessed as having moderate condition (see Table 2). The habitat failed condition assessment criteria 3 and 5. The habitat lacks clearings glades and rides, and Himalayan Balsam is present. The mixed scrub provides 2.02 habitat units and measures 0.23ha.

Table 2 Showing the condition assessment of the Mixed Scrub														
The scores below show pass 'P' or fail 'F' for each criterion or 'NA' for any irrelevant criteria numbers where condition sheet contains fewer than 13 criteria.														
Criterion	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	TOTAL
Result	P	P	F	P	F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1
Are any criteria non-negotiable? (Y/N) If Yes are they passed?			No				Condition (Good/Moderate /Poor):			Moderate				

Sparsely Vegetated Land – Ruderal/Ephemeral

3.7 Areas of ruderal vegetation are found on the peripheries of the timber sheds and broadleaved woodland. This habitat is categorised as Tall, Ruderal Herb under the Phase 1 Habitat Survey, JNCC standards.

3.8 As per the translation document in the technical guidance within the 3.1 metric, this habitat was assessed using the urban habitat condition sheet. The habitat failed condition assessment criteria 1 and 3 of the 3 core criteria, resulting in a poor condition score (see Table 3). However, it is considered the habitat offers more ecological value than the metric provides, therefore, a condition of moderate was deemed more appropriate. The ruderal habitats have a total measurement of 0.05ha and provides 0.2 habitat units.

Table 3 Showing the condition assessment of the Ruderal (Urban condition sheet)														
The scores below show pass 'P' or fail 'F' for each criterion or 'NA' for any irrelevant criteria numbers where condition sheet contains fewer than 13 criteria.														
Criterion	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	TOTAL
Result	F	P	F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1
Are any criteria non-negotiable? (Y/N) If Yes are they passed?			No				Condition (Good/Moderate /Poor):			Poor – Moderate was awarded on professional opinion				

Heathland and Shrub – Bramble Scrub

3.9 This habitat comprises a mosaic of ruderal and bramble scrub. It was considered Bramble scrub habitat type was the most appropriate as this is the more dominant. This habitat is categorised as Dense/Continuous Scrub under the Phase 1 Habitat Survey, JNCC standards.

3.10 Bramble scrub habitat has an automatic condition score, allocated by the 3.1 metric. The Bramble scrub provides 0.8 habitat units and has a measurement of 0.2ha.

Woodland and Forest – Other Woodland; Broadleaved

3.11 Broadleaved woodland is located in the northern half of the site. This habitat is categorised as Semi-natural Broadleaved Woodland under the Phase 1 Habitat Survey, JNCC standards.

3.12 This habitat is considered to have a moderate condition score (see Table 4). This habitat has a total area measurement of 0.1ha and provides 0.88 habitat units.

Table 4 Showing the condition assessment of the Other Broadleaved Woodland	
Condition Assessment Criteria Indicator	Score (1-3)
Age distribution of trees	1
Wild, Domestic and feral herbivore damage	3
Invasive plant species	1
Number of native tree species	3
Cover of native tree and shrub species	3
Open space within woodland	3
Woodland regeneration	1
Tree health	3
Vegetation and ground flora	2
Woodland vertical structure	1
Veteran trees	1
Amount of deadwood	1
Woodland disturbance	3
	26 (Moderate)

Sparsely Vegetated Land – Ruderal/Ephemeral

3.13 A small area of ephemeral vegetation, that has established over bare ground, is found in the eastern part of the site. This habitat is categorised as Ephemeral/Short Perennial under the Phase 1 Habitat Survey, JNCC standards.

3.14 As per the translation document in the technical guidance within the 3.1 metric, this habitat was assessed using the urban habitat condition sheet. The habitat failed condition assessment criteria 1 of the 3 core criteria, resulting in a moderate condition score (see Table 5). The ephemeral habitat measures 0.007ha and provides 0.03 habitat units.

Table 5 Showing the condition assessment of the Ephemeral (Urban condition sheet)														
The scores below show pass 'P' or fail 'F' for each criterion or 'NA' for any irrelevant criteria numbers where condition sheet contains fewer than 13 criteria.														
Criterion	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	TOTAL
Result	F	P	P	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2
Are any criteria non-negotiable? (Y/N) If Yes are they passed?			No				Condition (Good/Moderate /Poor):			Moderate				

Urban – Urban Tree

3.15 Scattered trees are found across the site. The TBA Arboricutural reports dated 2021 and 2022, referenced above, were used to calculated tree numbers and approximate sizes. The tree number are an approximation due to many of the trees on site recorded in groups. This habitat is categorised as Scattered Trees under the Phase 1 Habitat Survey, JNCC standards.

Small – Moderate Condition

3.16 The small urban trees on site have been given a moderate condition score (see Table 6). The trees failed condition assessment criteria 3 and 5. The trees have a total area of 0.15ha and provide 1.32 habitat units.

Table 6 Showing the condition assessment of the Urban Trees (Small)

The scores below show pass 'P' or fail 'F' for each criterion or 'NA' for any irrelevant criteria numbers where condition sheet contains fewer than 13 criteria.

Criterion	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	TOTAL
Result	P	P	F	P	F	P	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4

Are any criteria non-negotiable? (Y/N) If Yes are they passed?	No	Condition (Good/Moderate /Poor):	Moderate

Medium – Moderate Condition

3.17 The medium urban trees on site have been given a good condition score (see Table 7). The trees failed condition assessment criteria 3 only. The trees have a total area of 0.4ha and provide 5.28 habitat units.

Table 7 Showing the condition assessment of the Urban Trees (medium)

The scores below show pass 'P' or fail 'F' for each criterion or 'NA' for any irrelevant criteria numbers where condition sheet contains fewer than 13 criteria.

Criterion	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	TOTAL
Result	P	P	F	P	P	P	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5

Are any criteria non-negotiable? (Y/N) If Yes are they passed?	No	Condition (Good/Moderate /Poor):	Good

Urban – Developed Land; Sealed Surface

3.18 This habitat consists of three timber sheds. This is a habitat with no strategic importance or distinctiveness and provides no habitat units.

Grassland – Modified Grassland

3.19 This habitat consists of an area of wet grassland, within the larger area of aforementioned modified grassland. This habitat is categorised as Marshy Grassland under the Phase 1 Habitat Survey, JNCC standards.

3.20 This habitat is assessed as having moderate condition (see Table 8). However, the grassland failed condition assessment criteria 1 and 2 of the low distinctiveness grassland condition sheet. Criteria 1 is a non-negotiable criterion and must be achieved to gain the moderate condition. Therefore, the grassland has a poor condition assessment. The grassland measures approximately 0.009ha and provides 0.02 habitat units.

Table 8 Showing the condition assessment of the Modified Grassland														
The scores below show pass 'P' or fail 'F' for each criterion or 'NA' for any irrelevant criteria numbers where condition sheet contains fewer than 13 criteria.														
Criterion	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	TOTAL
Result	F	F	P	P	P	P	P	N/A	N/A	N/A	N/A	N/A	N/A	5
Are any criteria non-negotiable? (Y/N) If Yes are they passed?			Condition 1 is non-negotiable to achieve a good condition.				Condition (Good/Moderate /Poor):			Moderate – However fails to achieve Criteria 1 - Poor				

Baseline Hedgerow Units

3.21 The are no hedgerow habitats located on site.

Baseline River Units

3.22 The baseline river units is calculated to be 1.47 (see Appendix D).

Other Rivers and Streams

3.23 This habitat consists of a stream that runs through the centre of the site, east-west. The condition of the stream is considered to be moderate. The stream is approximately 0.105km and provides 1.45 river units.

Culvert

3.24 This habitat consists of a culverted section of the on site stream that measures approximately 0.01km. This habitat has a condition score of poor, input automatically by the 3.1 metric calculator. This habitat provides 0.02 river units.

Proposed Habitats – Post Development

Retained Habitats Units

3.25 Small and medium sized trees are proposed to be retained on site, resulting in the retention of 0.26 habitat units (see Appendix C).

Created Habitat Units

3.26 The post-development habitat units are calculated to be 5.01 (see Appendix E).

Urban - Developed; Sealed Surface

3.27 This habitat includes the building footprints and surrounding paved areas, with a total measurement of 0.18ha. This is a habitat with no strategic importance or distinctiveness and provides no habitat units.

Urban - Developed; Sealed Surface

3.28 This habitat includes the hardstanding parking areas, with a total measurement of 0.11ha. This is a habitat with no strategic importance or distinctiveness and provides no habitat units.

Urban - Developed; Sealed Surface

3.29 This habitat includes the hardstanding highways areas, with a total measurement of 0.1ha. This is a habitat with no strategic importance or distinctiveness and provides no habitat units.

Grassland – Modified Grassland

3.30 Areas of amenity grassland are proposed across the areas of POS and is categorised as Modified Grassland. This habitat has a target condition of 'poor', has a target to condition time of 1 year, has a total area of 0.076ha and will provide 0.15 habitat units.

Urban – Vegetated Garden

3.31 Private garden spaces are proposed across the site. These have a total area measurement of 0.35ha and are categorised as having 'poor' condition. The vegetated gardens achieve 0.68 habitat units.

Grassland – Modified Grassland

3.32 Areas od wildflower grassland are proposed across the sites POS areas. This habitat hase a total measurement of 0.11ha is categorised as Modified Grassland. This habitat has a target condition of 'good', has a target to condition time of 7 year and will provide 0.51 habitat units.

Urban - Introduced Shrub

3.33 This habitat consists of shrub beds and are to be located across the site with a total area measurement of 0.007ha. This habitat type has an automatic condition assessment within the DEFRA 3.1 Metric taking 1 year to achieve and provides 0.01 habitat units.

Urban - Developed; Sealed Surface

3.34 This habitat includes the flagged paving areas to the properties, with a total measurement of 0.13ha. This is a habitat with no strategic importance or distinctiveness and provides no habitat units.

Urban – Urban Tree

3.35 A total of 30 trees will be provided, covering approximately 0.12ha, as per the Urban Tree Helper in the DEFRA 3.1 Metric. The target condition is moderate. This has a proposed target to condition time of 27 years and will provide 0.4 habitat units.

Created Hedgerow Units

Native Hedgerow

3.36 The scheme involves the planting of approximately 0.155km of native hedgerows. The proposed final condition of the hedgerow is 'poor' which will take 1 year to achieve providing 0.30 hedgerow units. See Appendix F for the full details.

Hedge Ornamental Non-Native

3.37 The proposals include the planting of 0.069km of single-species, ornamental hedgerows. This habitat has an automatic condition of poor, selected by the 3.1 metric calculator. This will provide 0.07 hedgerow units and has a target to condition time of 1 year. See Appendix F for the full details.

Retained River Units

3.38 The 1.47 river units on site, including the stream and culvert are to be retained as part of the site proposals.

4.0 ASSESSMENT

Habitat Units

4.1 The baseline habitat units of the site are calculated to be 13.31. Some of the small and medium sized trees are proposed to be retained. No other habitats categorised under habitat units will be enhanced or retained as part of the proposals.

4.2 The post-development site is calculated to provide 5.01 habitat units. The Biodiversity Impact Assessment shows a loss of 8.3 habitat units, which equates to -62.37% biodiversity net loss in habitat units.

Hedgerow Units

4.3 The baseline hedgerow units are calculated to be 0, as there are no hedgerows present on site.

4.4 The proposed landscaping plans provide 0.37 hedgerow units. The Biodiversity Impact Assessment shows a 100% gain in hedgerow units.

River Units

4.5 The baseline river unit calculation for the site is 1.47. The existing stream and culvert are proposed to be retained as part of the site proposals. Therefore the 1.47 river units are to remain, resulting in no change to the river unit calculation.

Trading Rules

4.6 The site proposals do not satisfy the Trade Rules of the DEFRA 3.1 metric. Both the medium and low distinctiveness habitats are in net loss. This is largely due to the proposed habitats being of low distinctiveness, such as modified grassland and introduced shrub.

4.7 The medium distinctiveness habitats include Bramble Scrub, Mixed Scrub, Urban Trees and Broad-leaved Woodland. These are in a collective loss of 6.35 habitat units.

4.8 The low distinctiveness habitats include Modified Grassland and Ruderal and have a combined loss of 1.96 habitat units.

5.0 SUMMARY

HABITAT UNITS

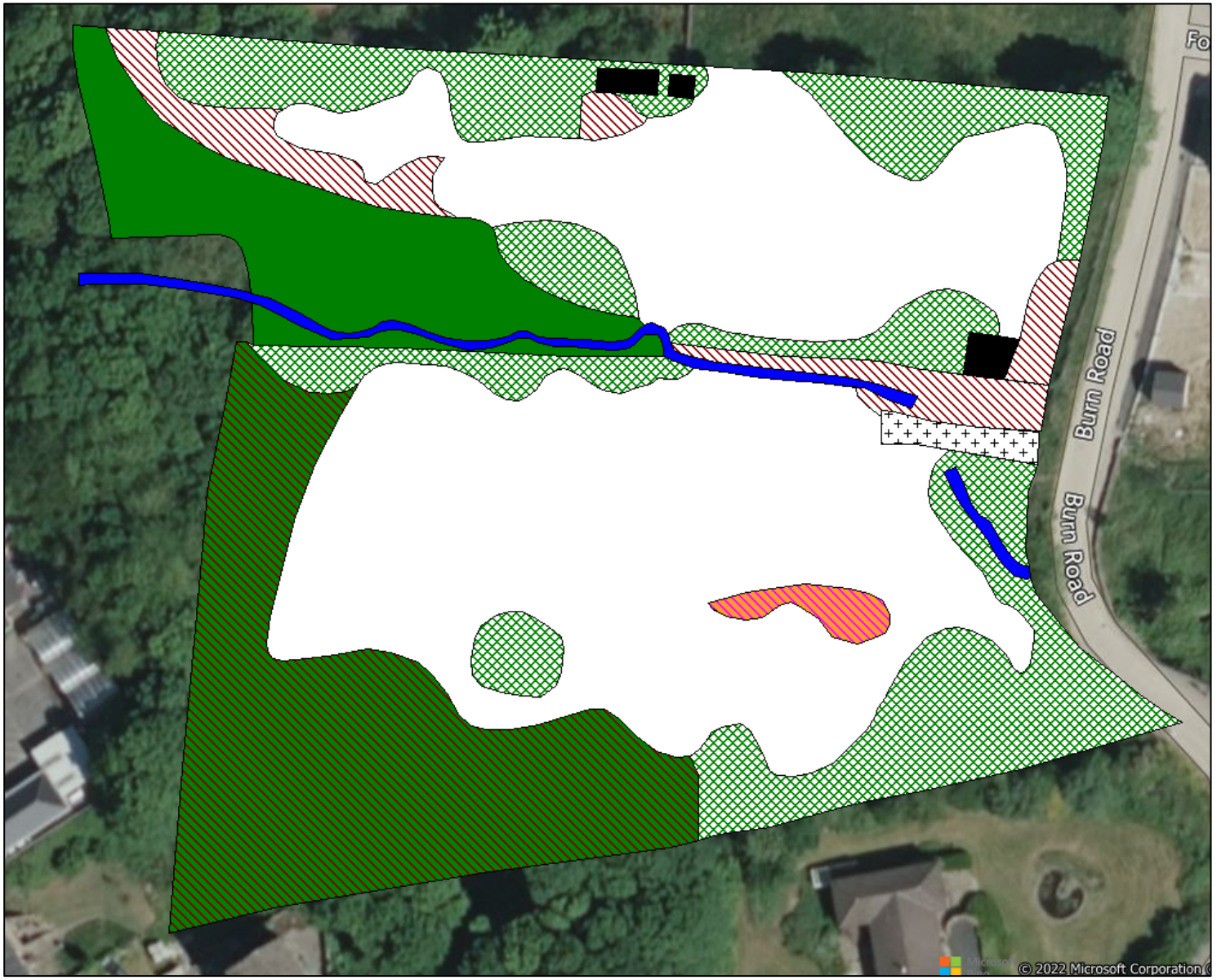
5.1 The proposed development at land off Burn Road, Huddersfield, in its current site layout and delivering the proposed mitigation, will result in the loss of 8.3 habitat units which equates to +62.37% biodiversity net loss in habitat units. It will provide a gain in hedgerow units of 0.37, which equates to +100% biodiversity net gain in hedgerow units. The site proposes to retain the existing stream and culvert, making to changes to the baseline river unit score.

5.2 The development scheme provides significant biodiversity net loss in habitat units. It is considered, at the time this report was written, mitigation is likely to be provided off-site, commonly through a Section 106 agreement with the Local Planning Authority.

APPENDIX A - *Proposed Landscape Proposals Courtesy of Trevor Bridge Associates Ltd (6724.03)*



APPENDIX B – *Phase 1 Habitat Survey Map*



APPENDIX C –*Baseline Habitat Unit Calculation*

Land off Burn Road, Huddersfield

A-1 Site Habitat Baseline

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	Habitats and areas			Distinctiveness	Condition	Strategic significance	Suggested action to address habitat losses	Ecological baseline	Retention category biodiversity value					
Ref	Broad Habitat	Habitat Type	Area (hectares)	Distinctiveness	Condition	Strategic significance		Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost
1	Grassland	Modified grassland	0.51	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	3.06			0.00	0.00	0.51	3.06
2	Heathland and shrub	Mixed scrub	0.23	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat	2.02			0.00	0.00	0.23	2.02
3	Sparsely vegetated land	Ruderal/Ephemeral	0.05	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.20			0.00	0.00	0.05	0.20
4	Heathland and shrub	Bramble scrub	0.17	Medium	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher distinctiveness habitat	0.68			0.00	0.00	0.17	0.68
5	Woodland and forest	Other woodland; broadleaved	0.08	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat	0.70			0.00	0.00	0.08	0.70
6	Sparsely vegetated land	Ruderal/Ephemeral	0.007	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.03			0.00	0.00	0.01	0.03
7	Urban	Urban Tree	0.15	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)	1.32	0.04		0.35	0.00	0.11	0.97
8	Urban	Developed land; sealed surface	0.006	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00			0.00	0.00	0.01	0.00
9	Grassland	Modified grassland	0.009	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.02			0.00	0.00	0.01	0.02
10	Urban	Urban Tree	0.4	Medium	Good	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)	5.28	0.22		2.90	0.00	0.18	2.38
11														
12														
13														
		Total habitat area	1.61					13.31	0.26	0.00	3.26	0.00	1.35	10.06

Total area lost (excluding area of Urban trees and Green walls)	1.06

APPENDIX D – *Baseline River Unit Calculation*

C-1 Site River Baseline

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Existing river type			Habitat distinctiveness	Habitat condition	Strategic significance	Watercourse encroachment	Riparian encroachment	Suggested action	Ecological baseline	Retention category biodiversity value					
Baseline ref	River type	Length (km)	Distinctiveness	Condition	Strategic significance	Extent of encroachment	Extent of encroachment		Total river units	Length retained	Length enhanced	Units retained	Units enhanced	Length Lost	Units Lost
1	Other Rivers and Streams	0.105	High	Moderate	Within Local Plans	No Encroachment	No Encroachment	Restore	1.45	0.105		1.45	0.00	0.00	0.00
2	Culvert	0.01	Low	Poor	Low potential/action not identified in any plan	No Encroachment	No Encroachment	Restore	0.02	0.01		0.02	0.00	0.00	0.00
3															
4															
5															
6															
7															
		0.12							1.47	0.12	0.00	1.47	0.00	0.00	0.00

APPENDIX E – *Created Habitat Unit Calculation*

Land off Burn Road, Huddersfield

A-2 Site Habitat Creation

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			Post development/ post intervention habitats						
			Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty	
Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition/year	Final difficulty of creation	Habitat units delivered
Urban	Developed land; sealed surface	0.18	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Medium	0.00
Urban	Developed land; sealed surface	0.11	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Medium	0.00
Urban	Developed land; sealed surface	0.1	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Medium	0.00
Grassland	Modified grassland	0.076	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.15
Urban	Vegetated garden	0.35	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.68
Grassland	Modified grassland	0.11	Low	Good	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	7	Low	0.51
Urban	Introduced shrub	0.007	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.01
Urban	Developed land; sealed surface	0.13	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Medium	0.00
Urban	Urban Tree	0.12	Medium	Moderate	Location ecologically desirable but not in local strategy	Standard time to target condition applied	27	Low	0.40
	Total habitat area	1.18							1.75
	Site Area (Excluding area of Urban trees and Green walls)	1.06							

APPENDIX F – *Created Hedgerow Unit Calculation*

B-2 Site Hedge Creation

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		Proposed habitats		Habitat distinctiveness	Habitat condition	Strategic significance	Temporal multiplier		Difficulty risk multipliers	Hedge unit delivered
Baseline ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Condition	Strategic significance	Standard or adjusted time t target condition	Final time to targ condition/years	Final difficulty of creation	
1		Native Hedgerow	0.155	Low	Poor	Area/compensation not in local strategy/ r local strategy	Standard time to target condition applied	1	Low	0.30
2		Hedge Ornamental Non Native	0.069	V.Low	Poor	Area/compensation not in local strategy/ r local strategy	Standard time to target condition applied	1	Low	0.07
3										
4										
5										
6										
			0.22							0.37