

BARNHILLS FARM, MERRYLEES ROAD: BIODIVERSITY NET GAIN (BNG) SUMMARY

- i. Based on the masterplan and the scheme of applied biodiversity interventions a BNG has been achieved for area habitats **using both on-Site and off-Site land**. A summary of the results set out within this assessment and the supporting Statutory Biodiversity Metric calculator tool & figures is provided below.
- ii. No irreplaceable habitats were identified on-Site. Additionally, no habitat degradation was noted which should have been considered as part of this assessment. The baseline assessment date should be therefore taken from the date of the habitat survey as per the figure later in this report.
- iii. The proposed development will result in an overall habitat area unit change of **+0.04**, resulting in an overall net gain of **+14.88%** for area habitats.
- iv. Hedge unit calculation not included as no hedges within the Site. River unit calculation also omitted as application is over 10m from the stream to the east.
- v. For full calculation details consult the associated Statutory Natural England Biodiversity Metric calculation spreadsheet which was submit alongside this report. QGIS shapefiles can also be provided upon request. Associated figures and pictures are provided at the end of this letter addendum.

TRADING SUMMARY

- vi. **The trading rules have been satisfied as part of the assessment which is a key requirement of BNG.** This component of the metric seeks to secure like for like (or better) habitat compensation and enhancement.

CONCLUSION

- vii. As off-Site land is to be included legal agreement (including inclusion on the gain site register) will be required to legitimise the proposal.
- viii. A Habitat Management and Monitoring Plan is recommended to provide prescriptions associated with habitat creation/enhancement, long-term management and monitoring. This should be secured through the planning system by way of a condition if and when a scheme at the Site receives approval. The HMMP should build upon the outline prescriptions set out in statutory biodiversity metric.
- ix. I trust this letter is satisfactory to requirements, if any further information is required do not hesitate to contact me directly.

Joe McLaughlin BSc (Hons) MCIEEM
Director



PHOTOGRAPHS

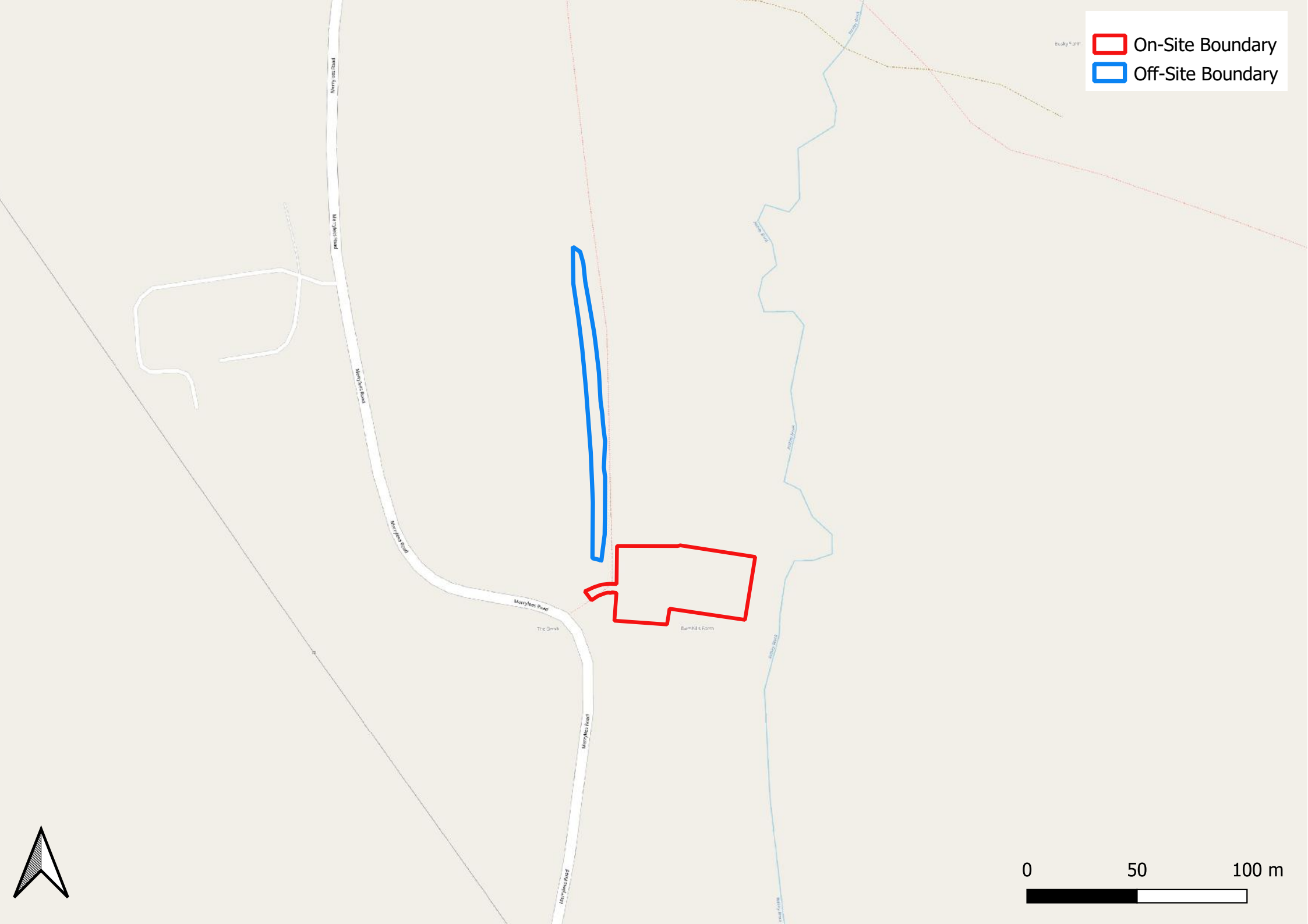
On-Site





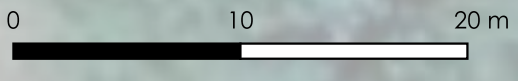
Off-Site:





A UK HAB and BNG condition survey was completed on the 23rd July 2024 by Joe McLaughlin BSc (Hons) MCIEEM. Joe has over 11 years' experience as a professional ecologist, has BSBI FISC Level 4 certification for botanical assessment and is certified to complete MoRPh River Condition Assessment surveys for BNG/habitat Assessments.

All relevant assessment details are set out within these figures or the associated Statutory Metric Calculator (which should be read in conjunction). Photos are also provided of the Site at the end of this document.



Key

Red Line Boundary

Artificial unvegetated, unsealed surface

Bramble scrub

Developed land; sealed surface

Modified grassland

Site located at grid reference: SK 47232 06575

JM Ecology

Client

Project Title

Barnhills Farm, Merrylees Road

Drawing Title

On-Site Baseline Habitat Map

Drawn: JMcL

Reviewed: AM

Project no: JME_2159

Date: 08.08.24

Scale: A3

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Drawing Number

JME_2159_DR1_V1

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- Key
- Red Line Boundary
 - Modified grassland

Site located at grid reference: SK 47191 06682

JM Ecology

Client

Project Title

**Barnhills Farm,
Merrylees Road**

Drawing Title

**Off-Site Baseline Habitat
Map**

Drawn:	JMcL	Reviewed:	AM
Project no:	JME_2159	Date:	08.08.24
		Scale:	A3

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Drawing Number

JME_2159_DR3_V1



Key

Red Line Boundary

Artificial unvegetated, unsealed surface

Bramble scrub

Developed land; sealed surface

Site located at grid reference: SK 47232 06575

JM Ecology

Client

Project Title

Barnhills Farm, Merrylees Road

Drawing Title

On-Site Post Intervention Habitat Map

Drawn: JMcL

Reviewed: AM

Project no: JME_2159

Date: 08.08.24

Scale@A3:

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Drawing Number

JME_2159_DR2_V1



Key

Red Line Boundary

Other neutral grassland

Site located at grid reference: SK 47191 06682

JM Ecology

Client

Project Title

Barnhills Farm, Merrylees Road

Drawing Title

Off-Site Post Intervention Habitat Map

Drawn: JMcL

Reviewed: AM

Project no: JME_2159

Date: 08.08.24

Scale@A3:

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Drawing Number

JME_2159_DR4_V1