



Biodiversity gain plan

Submit a biodiversity gain plan to show how your development will achieve biodiversity net gain.

When to use this form

A biodiversity gain plan shows how a development will achieve 10% biodiversity net gain (BNG). Submit this form to your local planning authority after they approve your planning application.

Unless your development is exempt, you cannot start the development until the LPA approves your biodiversity gain plan and biodiversity metric calculation tool.

1. Submission details

1.1 Date

For example, 3/11/2023

12/09/24

1.2 Planning application reference number

PL/0087/23

1.3 Local planning authority (LPA)

Lincolnshire County Council

1.4 Development site address

If the site does not have an address, enter the OS grid reference.

Land between the A46 Hykeham Roundabout and A15
Sleaford Road Roundabout

1.5 Describe the development

Tell us about the proposed development and any changes of use (250 words).

For construction of the North Hykeham Relief Road (NHRR) between the A46 Hykeham Roundabout and the A15 Sleaford Road Roundabout at the end of the Lincoln Eastern Bypass, with junctions at South Hykeham Road, Brant Road and Grantham Road. The Proposed Scheme will comprise 8km of dual all-purpose carriageway with a 70mph speed limit (120kph design speed) and associated structures, earthworks, drainage, street lighting, traffic signals, utility diversions and installations, pipeline diversion, temporary materials processing, landscaping, and highway features.

2. Developer details

2.1 Applicant name

Sam Edwards

2.2 Company name

Lincolnshire County Council

2.3 Address

Lancaster House, 36 Orchard Street, Lincoln, LN1 1XX

2.4 Email address

sam.edwards@lincolnshire.gov.uk

2.5 Telephone number

01522 782070

2.6 Declaration

By signing this declaration, you confirm that the information you give is complete and correct. Any opinions are your genuine opinions.

2.7 Signature

Sam Edwards

2.8 Date

15/11/2024

3. Responsible person details

Tell us about who is responsible for completing the biodiversity gain plan. For example, a consultancy ecologist or planning agent.

3.1 Name

Anne Pritchard

3.2 Company name

The Environment Partnership Ltd

3.3 Address

401 Faraday Street, Birchwood Park, Warrington, WA3
6GA

3.4 Email address

annepritchard@tep.uk.com

3.5 Telephone number

07918 748736

3.6 Declaration

By signing this declaration, you confirm that the information you give is complete and correct. Any opinions are your genuine opinions.

3.7 Signature

Anne Pritchard

3.8 Date

12/09/24

4. Biodiversity net gain strategy

4.1 Is the relevant date for the pre-development biodiversity value the same date as the planning application?

- Yes
 No

4.2 If no, what earlier date did you agree with the LPA?

September 2022, with updates due to changes in the redline boundary undertaken in April 2023

4.3 How have you met the guidance on 'what counts towards your BNG'?

[Find out what you can count towards a development's BNG](#)

BNG has been met through inclusion of habitat creation included in the landscape masterplan (NHRR-TEP-ELS-HYKE-DR-LS-30001 – 30018), detailed planting plan (Ref NHRR-TEP-ELS-HYKE-DR-LS-30019 – 30037), and drainage strategy for ditches and river units (Ref NHRR-RAM-HDG-HYKE-DR-CD-05001 – 05017).

4.4 How will you avoid or minimise impacts to habitats?

Tell us about the steps you've taken on site, including to avoid or minimise the impact on irreplaceable habitats.

The proposed route avoids impacts to irreplaceable habitats, high distinctiveness habitats and habitats of principle importance and has been chosen, in part, due to the habitats present having a lower ecological value. Within the redline boundary all areas of broadleaved (poor condition) and mixed woodland, hawthorn scrub (poor condition), blackthorn scrub (poor condition), individual trees (poor condition) and some hedgerows and ditches have been avoided, as have some areas of a number of other habitats

including other neutral grassland, various scrub habitats, broadleaved woodland (moderate condition) and individual trees (moderate condition).

Impacts on retained habitats, particularly trees, woodland and hedgerows, will be minimised in accordance with protection measures set out in the current standards (BS 5837:2012 Trees in relation to design, demolition and construction – recommendations) (36). These measures will minimise incidental damage and disturbance to the habitats and the species they support.

In addition, a Construction Environmental Management Plan (CEMP) will deliver avoidance and control measures which will minimise impacts on retained habitats, such as the use of bunds to catch and divert runoff, drip trays to prevent any oil and fuel spillages spreading, use of wheel washing and damping down to minimise the incidence of windblown dust and net fencing to catch windblown rubbish. Watercourse banks will also be protected from damage by construction plant.

Operationally, the Drainage Scheme for the new road will incorporate swales and catchpits to prevent runoff and silt entering River Witham, retained ditches and new pond and SUDS on site.

4.5 Did you use your local nature recovery strategy to inform the strategic significance of habitats?

This includes other specified strategies if you do not have a local nature recovery strategy.

- Yes
 No

4.6 How will you achieve the target net gain percentage?

- On-site
 Off-site
 Both

4.7 Are any of your on-site enhancements considered 'significant'?

[Find out what counts as a significant on-site enhancement.](#)

- Yes
 No

4.8 If yes, tell us about the significant on-site enhancements

Include the appropriate planning condition or how you've secured the habitat.

Habitats to be provided within the post development proposals include:

- 14.86 ha of amenity grassland (other neutral grassland);
- 0.061 ha of wildlife pond creation (ponds non-priority habitat) including marginal planting;
- 9.428 ha of wet grassland (other neutral grassland);
- 41.943 ha of wildflower enriched grassland (other neutral grassland);
- 1.655 ha of woodland edge planting (mixed scrub);
- 8.278 ha of woodland planting (other woodland; broadleaved);
- 1152 native trees (excluding woodland);

- 20.34 km of native hedgerow planting (native species-rich hedgerow); and
- 12.57 km of ditches (1.133 km of which are culverts).

Enhancements to ditch habitats will also be undertaken.

Condition 14 requires this BGP and a Landscape and Ecological Management Plan to be submitted and approved by the LPA to secure landscaping and BNG.

4.9 How many off-site biodiversity units do you need to meet 10% net gain?

None

4.10 Explain why you're using off-site biodiversity units

Only answer this question if you're planning to use off-site biodiversity units (250 words).

N/A

4.11 Explain why you're planning to use statutory biodiversity credits

Only answer this question if you're planning to use statutory biodiversity credits (250 words).

N/A

4.12 Do you have a habitat management and monitoring plan?

Yes

No

4.13 Have you used the statutory biodiversity metric tool?

Yes

No

4.14 Biodiversity metric calculation

Send your biodiversity metric calculation to the LPA and enter the file name.

Biodiversity Metric 3.1 2024-03-15 - AFv10 (NHRR-TEP-EGN-HYKE-RP-LE-30015)

4.15 Condition assessments

Send your condition assessments to the LPA and enter the file name.

x9455.01.009v2 BNG Habitat Condition Assessment Appendix (NHRR-TEP-EGN-HYKE-RP-LE-30016)

4.16 Pre-development habitat survey report and map

Send your baseline habitat survey report and map to the LPA. Enter the file name.

Habitat survey report (NHRR-TEP-EGN-HYKE-RP-LE-30012)

G9455.01.012A Baseline UK Habitats (NHRR-TEP-VES-HYKE-MP-LE-30006).

4.17 Post-development habitat map or landscape plan

Send your post-development habitat survey report and map to the LPA. Enter the file name.

9455.01.007v2 BNG Report (NHRR-TEP-EGN-HYKE-RP-LE-30014)

G9455.01.039A Proposed UK Habitats (NHRR-TEP-VES-HYKE-MP-LE-30038).

4.18 Have you included an approved habitat degradation in the baseline?

If yes, include the relevant consenting body and reference number.

- Yes
 No

Consenting body

Reference number

5. Irreplaceable habitats

5.1 Does the development impact any irreplaceable habitats?

If yes, tell us if you've submitted an approved compensation plan.

- Yes
 No

5.2 Have you submitted an approved compensation plan?

- Yes
 No

6. On-site habitat enhancements

Answer this section if your development includes on-site habitat enhancements.

6.1 Survey date

For example, 3/11/2023

12-16/09/22, 30/09/22, 11-12/10/22, 28/11/22, 10/01/23, 15/02/23, 24/04/23, 28/04/23, 10/05/23, 24/05/23, 5/06/23, 19/06/23

6.2 Survey constraints

For example, access issues, weather, or seasonal constraints.

It was not possible to access some parcels of land during the initial survey period. When access was granted to these land parcels, surveys were then undertaken, with some of these being undertaken outside of the optimal survey period of April to September. As a result there is the potential that some species may not have been visible or identifiable during sub-optimal survey times, although given the relatively simple nature of the largely agricultural habitats, this is not considered to be a significant limitation.

Some revisions to the redline boundary were undertaken in July 2023 after the last surveys had been undertaken. Due to planning timescales, the additional land parcels to the north of Hykeham Roundabout and to the north of Wath Lane were surveyed using a combination of aerial imagery and Google Street View, with this limitation being identified as such on the Phase 1 habitat survey plan.

In addition, access to some of the residential properties along Station Road could not be obtained during the surveys. These have therefore been mapped as “private gardens” on the Phase 1 habitat survey plan and included as such in the BNG assessment.

No other survey constraints were encountered for this scheme.

6.3 Total pre-development biodiversity value

Enter the number from the headline results in your statutory biodiversity metric calculation.

Number of area habitat biodiversity units

513.41

Number of hedgerow biodiversity units

192.98

Number of watercourse biodiversity units

46.84

6.4 Total post-development biodiversity value

Enter the number from the headline results in your statutory biodiversity metric calculation.

Number of area habitat biodiversity units

730.38

Number of hedgerow biodiversity units

225.60

Number of watercourse biodiversity units

55.25

6.5 Total net change in biodiversity units

Enter the number from the headline results in your statutory biodiversity metric calculation.

Area habitat biodiversity units

216.97

Area habitat biodiversity units % change

42.26%

Hedgerow biodiversity units

32.61

Hedgerow biodiversity units % change

16.90%

Watercourse biodiversity units

8.40

Watercourse biodiversity units % change

17.94%

6.6 Will you register and allocate any biodiversity units from your site to other developments?

If yes or provisionally, give details.

- Yes
- No

6.7 Give details

Tell us about the amount of biodiversity units and the development location (250 words).

7. Off-site habitat enhancements

Answer this section if your development includes off-site habitat enhancements.

7.1 Tell us about the off-site habitat enhancements

Include whether you're delivering the off-site enhancements or buying biodiversity units.

N/A

7.2 Biodiversity gain site register reference number

N/A

7.3 How have you secured the off-site habitat enhancements?

Tell us about any responsible bodies and whether you've used an S106 or conservation covenant.

N/A

7.4 Total baseline biodiversity value

Enter the number from the headline results in your statutory biodiversity metric calculation.

Number of area habitat biodiversity units

Number of hedgerow biodiversity units

Number of watercourse biodiversity units

7.5 Total biodiversity value post-intervention

Enter the number from the headline results in your statutory biodiversity metric calculation.

Number of area habitat biodiversity units

Number of hedgerow biodiversity units

Number of watercourse biodiversity units

7.6 Total net change in biodiversity units

Enter the number from the headline results in your statutory biodiversity metric calculation.

Area habitat biodiversity units

Area habitat biodiversity units % change

Hedgerow biodiversity units

Hedgerow biodiversity units % change

Watercourse biodiversity units

Watercourse biodiversity units % change

8. Statutory biodiversity credits

Answer this section if you need to use statutory biodiversity credits.

8.1 Do you need to use statutory biodiversity credits?

- Yes
 No

8.2 How many statutory biodiversity credits do you need?

Tell us the unit shortfall by tier, including the spatial risk multiplier. Enter the number from the headline results in your statutory biodiversity metric calculation.

A1

A2

A3

A4

A5

H

W

8.3 What evidence is there that no units are available through the market?

Send a message from at least 3 habitat providers, or a search result from online registers.

8.4 Proof of purchase

Send proof of purchase and enter the reference number.

9. Trading summary

9.1 Distinctiveness group

Tell us if you met the BNG trading rules on habitat compensation for each distinctiveness group. If you did not meet the trading rules, tell us if you agreed bespoke habitat compensation.

Check the rules on habitat compensation in the [statutory biodiversity metric user guide](#).

Very high

Yes

High

Yes

Medium

Yes

Low

Yes

10. Sharing data (optional)

10.1 Can we share your ecological survey data with the Local Environmental Records Centre or other bodies?

Yes

No