

# **A1 in Northumberland: Morpeth to Ellingham**

**Scheme Number: TR010041**

## **6.7 Environmental Statement – Appendix 9.25 Great Crested Newt Method Statement – Burgham Park**

**Part A**

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed  
Forms and Procedure) Regulations 2009

June 2020

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning  
(Applications: Prescribed Forms and  
Procedure) Regulations 2009**

**The A1 in Northumberland: Morpeth to Ellingham  
Development Consent Order 20[xx]**

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**Environmental Statement - Appendix**

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<b>Regulation Reference:</b>	APFP Regulation 5(2)(a)
<b>Planning Inspectorate Scheme Reference</b>	TR010041
<b>Application Document Reference</b>	TR010041/APP/6.7
<b>Author:</b>	A1 in Northumberland: Morpeth to Ellingham Project Team, Highways England

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Rev 0	June 2020	Application Issue

Highways England

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# **A1 IN NORTHUMBERLAND: MORPETH TO FELTON**

Appendix 9.25 Great Crested Newt Method Statement  
- Burgham Park

**PROJECT NO. 70044136**

**OUR REF. NO. HE551459-WSP-EGN-M2F-RP-LE-1942**

**DATE: JANUARY 2020**

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**Draft Great Crested Newt Licence**

**A1 in Northumberland: Morpeth to Felton – Burgham Park**

**APPLICATION FORM**



# Licence Application Form

## Mitigation Licensing – Great Crested Newts

**Please Note – Applications can be completed online.  
For more information please visit our [website](#).**

Wildlife Licensing  
Natural England  
Horizon House  
Deanery Road  
Bristol, BS1 5AH.  
T. 020802 61089  
[EPS.Mitigation@naturalengland.org.uk](mailto:EPS.Mitigation@naturalengland.org.uk)

- Please complete this application form using **dark ink** and **BLOCK CAPITALS**.
- Return the completed form to the address shown.
- All questions should be answered as appropriate. Questions marked with “\*” are mandatory and failing to complete these may result in delays to your application.
- If there is insufficient space for completing answers on this form, please attach a separate sheet.
- Natural England will aim to determine the outcome of a completed licence application within its published service standards.
- If you experience any problems completing this application or using the online Case Work Management (CWM) system – please see our [website](#) for guidance or contact Wildlife Licensing.
- Additional guidance is provided in [Using CWM – Applicant Guidance Document](#). This can be downloaded from our website or a copy can be requested from Wildlife Licensing.

<b>For Office Use Only</b>
CWM Ref No:
Charter Deadline:

### 1. Applicant Details

Please enter the details of the person or company who will become the licensee.

*(For guidance please see attached annex)*

- If the applicant is already registered as a customer please complete Registered Applicant Details (a)
- If the applicant is not already registered as a customer please complete the New Applicant Registration (b)

#### (a) Registered Applicant Details

*Customer Number	*Surname	*Forename	*Postcode
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

#### (b) New Applicant Registration

*Please note: If you are the agent / named ecologist registering on behalf of the applicant you will need to provide their full authorisation with this application.*

\*Email Address

\*Title (please tick as appropriate) Mr  Mrs  Ms  Other  (Please Specify)

*Forename	Middle Name	*Surname
<input type="text" value="Mark"/>	<input type="text"/>	<input type="text" value="Stoneman"/>

Professional Membership (e.g. CIEEM, IEMA, etc)

House Name / No.

\*Address Line 1

\*Address Line 2

Address Line 3

Town  \*County

\*Postcode  Country

Either 'Telephone No.' or 'Mobile No.' must be completed.

Telephone No.  Mobile No.

Fax no.

\*Customer Type (e.g. Farmer, Householder, Ecologist, etc.)

\*Are you VAT registered? Yes  No  If 'Yes' VAT Number:

\*Are you registered with the Rural Payments Agency? Yes  No  If 'Yes' RPA SBI Number:

(c) If you are registering on behalf of an organisation please complete this section.

\*Position  \*Organisation Name

What is the size of your organisation?

- Micro (1 to 10 employees)
- Small (11 to 49 employees)
- Medium (50 to 249 employees)
- Large (250 employees or more)

What is the legal status of your organisation?  
(e.g. private limited company, registered charity, voluntary organisation, Government agency, Local Authority)

Companies House Registration or Registered Charity Number:

(d) Alternative Applicant Contact Details

In the event that the applicant is unavailable to discuss the application, it would be helpful if alternative contact details could be provided. By completing this section you are confirming that this contact is authorised to act on behalf of the applicant.

Name:

Tel Number:

Email Address:

## 2. Named Ecologist Details

Please enter the details of the named ecologist. Please note a named ecologist is required for all development and mitigation applications *(For guidance please see attached annex)*

- If the ecologist is already registered as a customer please complete Registered Named Ecologist Details (a)
- If the ecologist is not already registered as a customer please complete the New Named Ecologist Registration (b)
- If there will not be an ecologist used in conjunction with this application please go to the next section.

### (a) Registered Named Ecologist Details

*Customer Number	*Surname	*Forename	*Postcode
<input type="text" value="TBC"/>	<input type="text" value="TBC"/>	<input type="text" value="TBC"/>	<input type="text" value="TBC"/>

### (b) New Named Ecologist Details

*Please note: If you are the applicant registering on behalf of the agent / named ecologist you will need to provide their full authorisation with this application.*

\*Email Address

\*Title  
(please tick as appropriate) Mr  Mrs  Ms  Other  (Please Specify)

*Forename	Middle Name	*Surname
<input type="text"/>	<input type="text"/>	<input type="text"/>

Professional Membership  
(e.g. CIEEM, IEMA, etc)

House Name / No.

\*Address Line 1

\*Address Line 2

Address Line 3

Town  \*County

\*Postcode  Country

*Either 'Telephone No.' or 'Mobile No.' must be completed.*

Telephone No.  Mobile No.

Fax no.

\*Customer Type (e.g. Farmer, Householder, Ecologist, etc.)

\*Are you VAT registered? Yes  No  If 'Yes' VAT Number:

\*Are you registered with the Rural Payments Agency? Yes  No  If 'Yes' RPA SBI Number:

(c) If you are registering on behalf of an organisation please complete the following.

\*Position

\*Organisation Name

What is the size of your organisation?

- Micro (1 to 10 employees)  
 Small (11 to 49 employees)  
 Medium (50 to 249 employees)  
 Large (250 employees or more)

What is the legal status of your organisation?

*(e.g. private limited company, registered charity, voluntary organisation, Government agency, Local Authority)*

Companies House Registration or Registered Charity Number

(d) Alternative Named Ecologist Contact Details

In the event that the named ecologist is unavailable to discuss the application, it would be helpful if alternative contact details could be provided. By completing this section you are confirming that this contact is authorised to act on behalf of the named ecologist and has a detailed knowledge of the application.

Name:

Tel Number:

Email Address:

### 3. Communication Preferences

Please indicate who should be contacted if we need to discuss this application:

*(please note more than one option can be selected for each question):*

Applicant  Named Ecologist

Please indicate to whom the outcome documentation for this application should be sent:

Applicant  Named Ecologist

Applicant preferences: Email  Post  Telephone

If 'Yes' for telephone, please provide a contact no.

Named Ecologist preferences: Email  Post  Telephone

If 'Yes' for telephone, please provide a contact no.



#### 4. Previous Applications

(a) \* To your knowledge, have there been any previous applications or licence decisions concerning this site? Yes  No

*If 'No' please move to question 4(g). If 'Yes' to (a), please complete the following.*

(b) \* Date of most recent application:

(c) \* Which species was the subject of the previous application?

(d) \* What was the application or licence reference number?

(e) \* What was the outcome of the previous application? (Please select one of the following)

Granted  Not Granted  Advice Only  Deferred  Not Yet Known

(f) To your knowledge, does this application relate to any previously licensed 'mitigation' work on the site being applied for? Yes  No

*If 'Yes' to (f): Please provide application/licence reference numbers, species details and outcome details.*

(g) To your knowledge, is the site being applied for subject to any recent, concurrent, pending or future applications for licences for the same or other European protected species or other protected species? Yes  No

*If 'Yes' to (g): Please provide application/licence reference numbers and species information.*

As part of the A1 Northumberland: Mopeth to Felton DCO, in addition to this licence, an additional great crested newt licence will be required for pond A19, north of the River Coquet (two licences in total). In addition, a single bat EPS licence is required for the demolition of building B4A (which supports a low status common pipistrelle day roost) and a single badger licence for interference with Setts 4, 5 and 6. Similar draft licence applications, used to inform the DCO, have been issued to Natural England

For applications which are part of the Pre-Submission Screening Service:

More information on Natural England's Pre-Submission Screening Service can be found [here](#).

Is this a first draft application? Yes  No  Is this a subsequent draft? Yes  No

Are you aware if your case has been seen or reviewed by Natural England? Yes  No  Not Sure

If yes, who provided the advice and when:

Any further information you would like to provide:

Is this a formal application? Yes  No

Please provide any earlier reference numbers:

For applications which are part of Nationally Significant Infrastructure Projects:

Is this a first draft application? Yes  No

Is this a subsequent draft? Yes  No

Is this a formal application? Yes  No

Please provide any earlier reference numbers

## 5. Purpose

(a) \* Please provide a brief description of your proposal (E.g. Construction of a new road, maintenance of a bridge, construction of five flats with access road and car parking area).

A1 in Northumberland: Morpeth to Felton. The Scheme aims to enhance resilience along an approximately 12.6km section of existing A1 between Morpeth and Felton in Northumberland, by widening the single

(b) \* Please tell us why you need a licence. (E.g. Great Crested Newt breeding ponds will be damaged, destruction of two known breeding ponds).

The Scheme requires the destruction of terrestrial habitat within 500m of two ponds, (Pond ref: A11 and A12). The Scheme will not result in the loss of either ponds or any other aquatic habitat. Vegetation clearance

(c) \* Please confirm the purpose of the application (Please select one of the following):

- Imperative reasons of overriding public interest including those of a social or economic nature and beneficial consequences of primary importance for the environment under section 55(2)(e)
- Preserving public health or public safety, under section 55(2)(e)
- Preventing the spread of disease, under section 55(2)(f)
- Preventing serious damage to livestock, foodstuffs for livestock, crops, vegetables, fruit, growing timber, fisheries or inland waters, or any other form of property under section 55(2)(g)
- A purpose not specified in Regulation 55(2) that is consistent with Article 16(1)(e) of the Habitats Directive, under section 55(4)

(d) \* Please confirm the category most appropriate to your proposed work (Please select one of the following):

- |  |  |
|--|--|
| <input type="checkbox"/> Agriculture / Fishing / Forestry                  | <input type="checkbox"/> Mineral extraction  |
| <input type="checkbox"/> Archaeological investigation / Site investigation | <input checked="" type="checkbox"/> Nationally Significant Infrastructure Projects   |
| <input type="checkbox"/> Barn Conversion                                   | <input type="checkbox"/> Places of worship   |
| <input type="checkbox"/> Commercial  | <input type="checkbox"/> Public community projects (e.g. schools, universities, hospitals, care facilities and other public buildings) |
| <input type="checkbox"/> Communications                                    | <input type="checkbox"/> Small scale repair and maintenance works  |
| <input type="checkbox"/> Energy generation                                 | <input type="checkbox"/> Transport   |
| <input type="checkbox"/> Energy supply                                     | <input type="checkbox"/> Waste management  |
| <input type="checkbox"/> Flood and coastal defences                        | <input type="checkbox"/> Water management  |
| <input type="checkbox"/> Health & Safety                                   | <input type="checkbox"/> Other   |
| <input type="checkbox"/> Heritage  |  |
| <input type="checkbox"/> Housing   |  |
| <input type="checkbox"/> Industrial / Manufacturing                        |  |

If other, please provide details here:

(e) \* Is the proposed work part of a phased or a multi-plot development? Yes  No

If 'Yes' to (e): You must submit a species specific master plan and Habitat Management and Maintenance Plan with this application, as a separate document. Guidance on what should be included in a master plan can be found at – [http://webarchive.nationalarchives.gov.uk/20140605090108/http://www.naturalengland.org.uk/Images/WML-G11\\_tcm6-9930.pdf](http://webarchive.nationalarchives.gov.uk/20140605090108/http://www.naturalengland.org.uk/Images/WML-G11_tcm6-9930.pdf)

## 6. Site Details

\* Is the address for the site to be licensed different to the applicant's address? Yes  No

If 'Yes': For the Site / Location to be licensed, please complete **all** of the following details:

If 'No': Please complete Site / Location Name and OS Grid Reference boxes only.

*(For linear projects, please add the start and end points separately)*

	<i>Site Details</i>
*Site / Location Name:	A1 in Northumberland; Morpeth to Felton - Burgham Park
House No:	
Address Line 1:	A1
Address Line 2:	Thirston
Address Line 3:	
Town:	Felton
*County:	Northumberland
Postcode:	NE65 9QJ
*OS Grid Reference: <small>(In format XX123456)</small>	NZ 177 971

## 7. Conservation Considerations

(a) \*Will any part of the proposed activity fall in and/or adjacent to a Designated Site?

Yes  No  N/A

If 'Yes' to (a) please complete the table below. If 'No', please go to the next section.

Please indicate whether the activity will fall on and/or adjacent to a designated site:	Designated Site Name:	Type of Designated Site <i>E.g. National Nature Reserve (NNR), Site of Special Scientific Interest (SSSI), Special Protection Area (SPA), Special Area of Conservation (SAC), Ramsar Site, Ancient Monument, Marine Nature Reserve (MNR), Area of Outstanding Natural Beauty (AONB)</i>
On <input type="checkbox"/> Adjacent to <input type="checkbox"/>		
On <input type="checkbox"/> Adjacent to <input type="checkbox"/>		
On <input type="checkbox"/> Adjacent to <input type="checkbox"/>		
On <input type="checkbox"/> Adjacent to <input type="checkbox"/>		
On <input type="checkbox"/> Adjacent to <input type="checkbox"/>		
On <input type="checkbox"/> Adjacent to <input type="checkbox"/>		

(b) Have you consulted with Natural England for advice on the implications of the application on the designated site?

Yes  No  Not Known

(c) Please give either the outcome of your consultations or the reason why you have not consulted us. Please provide any relevant correspondence and the name of the local Natural England adviser or reserve manager consulted.

This is an NSIP and this licence informs the Development Consent Order process. The final licence application will follow the completion of the DCO process. As such, it is anticipated that this submission shall be initial

## 8. Authorisation

(a) \* Is the applicant the owner / occupier of the land?

Yes  No  N/A

If 'Yes' to (a) please go to the next section. If 'No' to (a) please answer (b).

(b) Have you received the owner occupier's permission to apply?

Yes  No

Please note that it is your responsibility as the applicant to obtain the owner or occupier's permissions to act under licence on their property.

You may be asked to provide documentation which confirms that you have owner or occupier's permissions and we will contact you if this is necessary.

## 9. Application Details

(a) Please add details for all licensable actions you wish to perform:

	Licensable Action
Application Subject	<i>Great Crested Newts</i>
Species	<i>Great Crested Newt</i>
* Activity	<input checked="" type="checkbox"/> Capture <input checked="" type="checkbox"/> Disturb <input checked="" type="checkbox"/> Transport <input type="checkbox"/> Damage breeding site <input type="checkbox"/> Destroy breeding site <input checked="" type="checkbox"/> Damage resting place <input checked="" type="checkbox"/> Destroy resting place
* Method or Field Technique	<input checked="" type="checkbox"/> By hand <input checked="" type="checkbox"/> Hand search <input checked="" type="checkbox"/> Destructive search <input type="checkbox"/> Bottle trapping <input type="checkbox"/> Netting <input checked="" type="checkbox"/> Pitfall trapping and refuges <input type="checkbox"/> Draining down and destruction of ponds <input type="checkbox"/> Night / torch searching <input type="checkbox"/> Refugia only <input checked="" type="checkbox"/> Exclusion by permanent amphibian fencing <input type="checkbox"/> Exclusion by permanent one-way amphibian fencing <input type="checkbox"/> Exclusion by temporary amphibian fencing <input type="checkbox"/> Exclusion by temporary one-way amphibian fencing <input type="checkbox"/> Drift fencing
* Number of breeding sites to be impacted:	0
Please enter the proposed start date of action below. <i>Please note this refers to the date of the first licensable action, not necessarily when the development commences.</i>	
* Proposed Date From	01/07/2021

(b) \* Have you sent your records to the Local Records Centre

Yes  No

*Please note: You must send survey data and habitat assessment data to your Local Records Centre (LRC). It is a condition of survey licences that records are sent to LRCs annually or to other organisations as specified on a particular survey licence (e.g. People's Trust for Endangered Species).*

## 10. Experience

*Please note: For guidance in completing this section please refer to the Experience in Great Crested Newt Mitigation document at [http://webarchive.nationalarchives.gov.uk/20140605090108/http://www.naturalengland.org.uk/Images/wmlg05\\_tcm6-4115.pdf](http://webarchive.nationalarchives.gov.uk/20140605090108/http://www.naturalengland.org.uk/Images/wmlg05_tcm6-4115.pdf)*

(a) \* Has the named ecologist associated with this application held or been named on a licence in the past three years for the same species and in relation to a project of similar scale, methodology and mitigation?

Yes  No

*If 'Yes' to (a)...*

(b) \* Please provide the name of the issuing authority, the licence reference number and date of issue for licenses held:

TBC

If 'No' to (a) please complete the following section. If "Yes" to (a) go to the next section.

(c) \* Does the named ecologist currently hold a valid personal survey licence or are they registered to use a class survey licence for the same species?

Yes  If 'Yes' complete **all** of the following.  
No  If 'No' go to (f)

(d) \* What is/are the survey licence reference number(s)?

(e) \* Number of years the survey licence(s) have been held

(f) \* Please give brief details of the named ecologist's current science, education or conservation licence or any other licences issued to the ecologist in the last three years relevant to the species relating to this application:

(g) \* Please give brief details of the named ecologist's experience on mitigation projects relevant to the species relating to this application, including in what capacity they acted. State the site names and reference numbers of licences and the type of mitigation involved:

(h) \* Please provide details of the named ecologist's Qualifications, including any Continual Professional Development (CPD) training relevant to the species relating to this application:

Please note: If you have not held a mitigation licence in the last three years you will need to provide written references from two people who are familiar with the named ecologist's work. Please attach these references with your application. References provided in support of your licence application should:

- Vouch for the named ecologist's suitability and competence to prepare and deliver mitigation projects;
- state how long referees have known the named ecologist and in what capacity;
- provide details of the named ecologist's mitigation experience with the relevant species or a related species; and
- provide details of the referees' own mitigation experience and mitigation licence held (if appropriate): at least one referee must have held a mitigation licence within the last 3 years.

(i) \* Are you providing references?

Yes  No

If 'Yes' to (i): Please provide details of the referees. We may need to contact these referees to verify their statements.

1st Referee:

2<sup>nd</sup> Referee:

## 11. Consent Status

- (a) \* Is any consent required for your proposed project and the subject of this licence application?
- 1. Planning-related consent required (e.g. Planning permission, listed building consent, etc)
  - 2. Demolition consent (under Building Act 1984) including prior notice to demolish.
  - 3. Other type of consent required (e.g. Minerals consents, Highway Act consents, Secretary of State Decision Letter, Compulsory Purchase Order, Environment Agency Consent, etc.)
  - 4. Permitted Development (under Town and Country Planning Act 1990) - no specific consent required.
  - 5. No consent required (e.g. Public Health and safety issues)

If '3' is selected

(b) \* Please provide details of these consents

This is an NSIP application and the licence will be applied for once the DCO is in place.

If '5' is selected

(c) \* Please explain why no consent is required

If '1', '2' or '3' is selected

(d) Have you obtained the necessary consent(s) to allow the proposed activity to be commenced?

Yes  No

- If 'No' to (d), please complete 'Consent Not Obtained'
- If 'Yes' to (d), please complete 'Consent Obtained'

### Consent not obtained

Please explain why you are applying in advance of the granting of consent that would allow the development to commence and what the circumstances are (e.g. Site investigation work which is required to inform the planning consent decision and where, after avoidance measures, the risk of affecting a European Protected Species is high). Please note that your application is unlikely to be processed until this issue has been resolved.

(e) \*Please provide details of the outstanding consents to be obtained and the likely timescales for their determination/issue.

Pre-Submission Screening Service

We will provide advice on draft applications, prior to consents being in place and prior to a formal licence application being submitted through this chargeable service. We **strongly** advise customers to use this service rather than trying to pursue a licence under Exceptional Circumstances, particularly where there are concerns about financial implications resulting from delays in obtaining a licence once planning consents are in place. Please see our [website](#) for further advice about this.

*Consent obtained*

(f) Please confirm details of all the consents that have been granted relevant to the proposed activity and this licence application.

- |   |                          |  |                          |
|---|--------------------------|--|--------------------------|
| Full Planning Permission  | <input type="checkbox"/> | Outline Planning Permission                                | <input type="checkbox"/> |
| Demolition Consent (under Building Act 1984) including prior notice to demolish.      | <input type="checkbox"/> | Conservation Area Consent                                  | <input type="checkbox"/> |
| Listed Building Consent   | <input type="checkbox"/> | Tree Preservation Order                                    | <input type="checkbox"/> |
| Highways Act Consent  | <input type="checkbox"/> | Utilities Consent  | <input type="checkbox"/> |
| Mineral Consent   | <input type="checkbox"/> | Mineral Consent with Review of Mineral Planning Permission | <input type="checkbox"/> |
| Mineral Consent (Review of Mineral Planning Permission submitted to Mineral Planning) | <input type="checkbox"/> | Other consent type   | <input type="checkbox"/> |

Other Consent Type

(g) Please provide consent reference number(s)

*Please submit copies of the consents (or extracts) that are relevant to the proposed activity and this licence application, if applicable.*

- (h) For all consents that have been granted, have all conditions or Reserved Matters relating to wildlife species and habitat issues (which are intended to be and are capable of being discharged before development begins) been discharged? Yes  No
- If 'No' to (h), please answer all of the following. If 'Yes', please skip to (j).*

**Please note:** If it is not possible or not intended for the conditions to be discharged before development commences then please complete the questions below.

(i) Please give details of those conditions that are still to be discharged and explain why they have not been discharged.

- (j) Is the site subject to any commitment that affects the protected species named in this application? Yes  No
- For example a Section 106 Agreement (Town and Country Planning act 1990) or other commitments made at a Public Inquiry or in an Environmental Statement.*



If 'Yes' to (j): Has the commitment been met? Please also explain what has been done.

If 'Yes' to (j): What work is outstanding and when will it be completed?

(k) Is the site subject to any such commitment that affects other European Protected Species or other protected species? *E.g. a Section 106 Agreement (Town and Country Planning Act 1990) or other commitments made at a Public Inquiry or in an Environmental Statement.*

Yes  No

If 'Yes' to (k): Has this been met?

If 'Yes' to (k): When will this be complete?

**Reasoned Statement & Supporting Documents**

A Reasoned Statement and supporting documents may be required in support of this application.

Copies of the latest version of the Reasoned Statement template which sets out when a Reasoned Statement is required and further guidance to help are available on our [website](#).

Please confirm that you have read and understood the Reasoned Statement template and advice note/guidance

(l) \* Does your application require a Reasoned Statement? Yes  No

If 'No' to (l): \* Please confirm the exception that applies (specify species and scenario e.g. home improvements or small scale housing developments)

## 12. Consenting Authority

Please provide the Local Planning Authority/Authorities that have granted consent for the proposed project and the subject of this licence application. Please then provide contact details for the responsible officer.

If consent is granted by another body (e.g. Secretary of State, Natural England, Environment Agency, Utilities Consent, Highways Consent, etc) then please provide details for it as appropriate.

If no consent is required (e.g. Public health and safety issues) then please leave the remaining fields blank.

\*Consenting Authority Name

Planning Inspectorate

\*Title

\*Forename

\*Surname

\* Position

Not yet allocated

Email Address

TBC

Telephone Number

Address

Major Applications and Plans  
3/18 Eagle Wing  
The Planning Inspectorate

## 13. Method Statement

A Method Statement must be provided to support this application, along with other supporting documents, which may include some or all of the following:

- Maps
- Figures
- Habitat management and maintenance plans
- Master plans
- Appended survey results
- A work schedule

Please note: The Method Statement is normally prepared by a consultant ecologist or another suitably qualified person because compiling the content requires specific species and site-related knowledge.

Further Advice: Copies of the latest versions of templates for all species and further guidance to help you complete them are available on our [website](#).

## 14. Supplementary Information

Please provide any additional information you may have to support your application.

## 15. Data Protection

The data controller is the Natural England, Foss House, Kings Pool, 1-2 Peasholme Green, York, Y01 7PX. You can contact the Natural England Data Protection Manager at: Natural England, County Hall, Spetchley Road, Worcester, WR5 2NP; [foi@naturalengland.org.uk](mailto:foi@naturalengland.org.uk)

Any questions about how we are using your personal data and your associated rights should be sent to the above contact. The Data Protection Officer responsible for monitoring that Natural England is meeting the requirements of the legislation is: Defra group Data Protection Officer, Department for Environment, Food and Rural Affairs, SW Quarter, 2nd floor, Seacole Block, 2 Marsham Street, London SW1P 4DF. [DefraGroupDataProtectionOfficer@defra.gsi.gov.uk](mailto:DefraGroupDataProtectionOfficer@defra.gsi.gov.uk)

The information on the licence application form and any supporting material will be used by Natural England to undertake our licensing functions. This will include, but is not limited to assessing your application, issuing a licence if applicable, monitoring compliance with licence conditions and collating licence returns and reports. The personal information we will process will include, but is not limited to your name and contact details, customer type and reasons for wanting a licence. Processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the data controller. That task is to conduct the licensing functions as delegated by Defra to Natural England under Part 8 Agreement under section 78 of the Natural Environment and Rural Communities Act 2006.

The processing by us of personal data relating to wildlife-related or animal welfare offences or related security measures is carried out only under official authority. This information is used in assessing an application as it is a material fact. Natural England will for particular licence applications and at specific stages of the licencing process discuss your application with third parties. The details of this sharing are set out here <https://www.gov.uk/government/publications/wildlife-licensing-privacy-notice>

Your personal data will be kept by us for 7 years after the expiry of your licence or longer if stated in the licence conditions. Failure to provide this information will mean that we will be unable to assess your application for a wildlife licence.

The information you provide is not connected with individual decision making (making a decision solely by automated means without any human involvement) or profiling (automated processing of personal data to evaluate certain things about an individual).

The data you provide will not be transferred outside the European Economic Area.

A list of your rights under the General Data Protection Regulation, the Data Protection Act 2018, is accessible at: <https://ico.org.uk/for-organisations/guide-to-the-general-data-protection-regulation-gdpr/individual-rights/>

You have the right to lodge a complaint with the ICO (supervisory authority) at any time. Should you wish to exercise that right full details are available at:

<https://ico.org.uk/for-organisations/guide-to-the-general-data-protection-regulation-gdpr/individual-rights/>

Details of our Personal Information Charter can be found at:

<https://www.gov.uk/government/organisations/natural-england/about/personal-information-charter>.

### Important Advice:

- If your application is made under the Wildlife and Countryside Act 1981 (as amended) or the Conservation of Habitats and Species Regulations 2017 (as amended), any person who in order to obtain a licence knowingly or recklessly makes a statement or representation, or furnishes a document or information which is false in a material particular, shall be guilty of an offence and may be liable to criminal prosecution. Any person found guilty of such an offence is liable, on summary conviction, to imprisonment for a term not exceeding six months or to a fine not exceeding level 5 on the standard scale, or to both. Regarding other wildlife legislation, we will look to provisions in the Fraud Act 2006 (as amended) in respect of applicants making any false representations.
- Natural England or the Secretary of State can modify or revoke at any time any licence that is issued, but this will not be done unless there is good reason for doing so. Any licence that is issued is likely to be revoked immediately if it is discovered that false information has been provided that resulted in the issue of a licence

## 16. Declaration

### 16a. Convictions

\* Have you or any person listed in the application been convicted of any wildlife-related or animal welfare offence?

Yes  No

If 'Yes': Please provide details of the convictions: (including dates)

*The offences we are referring to relate to persons convicted on or after 1 January 2010 of an offence under the Wildlife and Countryside Act 1981, the Conservation (Natural Habitats &c.) Regulations 1994, the Conservation of Habitats and Species Regulations 2017 (as amended), the Protection of Badgers Act 1992, the Deer Act 1991, the Hunting Act 2004, the Wild Mammals (Protection) Act 1996, the Animal Welfare Act 2006 and the Protection of Animals Act 1911 (all as amended). You do not have to declare conviction if the person concerned is: (1) a rehabilitated person for the purposes of the Rehabilitation of Offenders Act 1974 and their conviction is treated as spent; or (2) in respect of such an offence, a court has made an order discharging them absolutely.*

### 16b. Applicant Declaration.

I have read and understood the privacy notice above.

- Where required, I undertake to obtain permission from landowners / occupiers of land to exercise any licence resulting from this application, and to allow any employee or representative of Natural England to monitor or inspect the work described in this application.
- I have read and understood the guidance provided in the application form and on the Wildlife Licensing Internet guidance pages.
- I declare the particulars given are correct to the best of my knowledge and belief, and I apply for a licence in accordance with the information I have provided.
- I confirm that there is no satisfactory alternative to meet the need/resolve the problem detailed in this application.

I agree to the declaration above.

Signature of Applicant:

For electronic applications, please insert an electronic signature above or tick this box to confirm with the declaration.

Name: (In BLOCK letters)

Date:

## 16c. Ecologist Declaration

I have read and understood the privacy notice above.

- I confirm that I have visited the site(s).
- I have designed and inputted into the licence proposal.
- I confirm that there is no satisfactory alternative to meet the need/resolve the problem detailed in this application.
- I am satisfied that the proposal will result in no adverse impact on the species concerned.
- I declare the particulars given are correct to the best of my knowledge and belief, and the applicant may apply for a licence in accordance with information I have provided.
- I have documentary evidence that I am authorised to act on behalf of the applicant that I will supply to Natural England on request.

I agree to the declaration above.

Signature of Ecologist:

For electronic applications, please insert an electronic signature above or tick this box to confirm with the declaration.

Name: *(In BLOCK letters)*

Date:

## 17. Annex - Application Notes

### *Applicant*

The applicant is the person submitting the application (usually the landowner or occupier) who, if the licence was granted, would become the licensee. The applicant may appoint agents to produce the application pack and act on their behalf. A person with specific skills and knowledge of the species concerned, such as a consultant ecologist, must be appointed to assist in the preparation and the delivery of the proposals that ensure the species protection requirements can be met.

### *Licensee*

The "Licensee" named on the licence is responsible for ensuring that all activities carried out on site in relation to the licence comply with the terms and conditions of the licence. However, all persons authorised to act under the licence must comply with the licence and its conditions (see Regulation 60(1) of the 2017 Regulations). This means that all authorised persons have a responsibility for ensuring that the licence terms and conditions, including any annex special conditions, are understood and complied with. Failure to do so could lead to prosecution.

### *Consultant/Named Ecologist*

The “Named Ecologist” is a professional ecological consultant who has satisfied Natural England that they have the relevant skills, knowledge and experience of the species concerned and is responsible for undertaking and/or overseeing the work undertaken in respect of the licensed species. The ‘Named Ecologist’ has a responsibility for ensuring that the licence is complied with. They are responsible for advising the licensee on the suitability and competence of any Accredited Agents or Assistants employed on site to undertake the required duties and may include the direct supervision of Assistants where appropriate. More information about the experience required to become a named ecologist can be found at: [http://webarchive.nationalarchives.gov.uk/20140605090108/http://www.naturalengland.org.uk/Images/bat-mitigation-guidance\\_tcm6-10534.pdf](http://webarchive.nationalarchives.gov.uk/20140605090108/http://www.naturalengland.org.uk/Images/bat-mitigation-guidance_tcm6-10534.pdf)

### *Accredited Agent*

An “Accredited Agent” is a suitably trained and experienced person who is able to carry out work under a licence without the personal supervision of the Named Ecologist. Any Accredited Agent must be appointed by the Licensee and be in possession of a letter signed by the Licensee confirming their appointment. Agents shall carry a copy of the said letter when acting under the licence and shall produce it to any police or Natural England officer on request.

### *Assistants*

An “Assistant” is a person assisting a Named Ecologist or Accredited Agent. Assistants are only authorised to act under this licence whilst they are under the direct supervision of either the Named Ecologist or an Accredited Agent.

## **Draft Great Crested Newt Licence**

**A1 in Northumberland: Morpeth to Felton – Burgham Park**

# **METHOD STATEMENT**

**The Conservation of Habitats and Species Regulations 2017**

**Method Statement to support application for licence under Regulation 55(2)(e) in respect of Great crested newts *Triturus cristatus***

**Section A.**

Site/project name:

Applicant (developer) name:

Named Ecologist:

Is this application for a new Method Statement (not previously licensed), a modification to a licensed Method Statement (non-annexed only), or a re-submission following a "Further Information Request" notice?

If a re-submission, please give previous application reference (eg EPSL, EPSM 20XX-3142A, 20XX XXX EPS MIT):

**NB: For re-submissions and modifications (non-annexed) the Method Statement should be re-submitted in its entirety, including all maps, appendices, reports, etc. You must clearly show any changes from the previously submitted version by underlining relevant text (CTRL-U) or by changing the font colour.**

In undertaking this mitigation project, I agree to comply with good practice as set out in the *Great crested newt mitigation guidelines (GCNMG)* (English Nature, 2001). [Note: if you do not check the box to comply with good practice your application will almost certainly be rejected. See comments on *Technical mitigation issues* in Instructions]

Yes

**NB: Please be concise with your information and descriptions provided within your Method Statement**

**Section B Introduction**

You have provided a brief description of proposal in the application form, please provide the following additional background and site information.

**Relationship with impacts due to other nearby development**

**B1.1** Is this application part of a phased/multi-plot development? See: [Advice on Masterplan guidance](#)

For example, is it part of a phased mineral extraction, housing development or one plot in a multiple ownership residential scheme?.....  Yes  No If No, go to Question B1.2

If yes, how many great crested newt (GCN) licences will be required?

What licence application phase is this? e.g. licence application 1 of 3.

**Note: sections in this Method Statement on impact assessment and mitigation measures must explicitly relate to impacts only from the development currently proposed.**

Your separate master plan document is expected to take due regard of the overall project. This is important to ensure that in-combination effects are considered, and mitigation measures across the whole project are both sufficient and coherent.

**Confirm you provided:**

- A Separate Masterplan document.....  Yes  No
- Separate Masterplan figures.....  Yes  No
- A Habitat Management and Maintenance Plan?...  Yes  No

If you have selected 'No' to any of the above questions, please explain why as these are considered necessary



## B - Background & Site Info

and important documents for determination of your application. Not to provide them is likely to result in delays to being able to determine your application whilst we come back to you for this information.

The above documents would be provided, as necessary, within the future European Protected Species (EPS) licence application.

This method statement is intended to inform the DCO application (including a Letter of No Impediment) for the A1 in Northumberland: Morpeth to Felton (the 'Scheme') only and not a EPS licence application. A future EPS licence application following DCO approval would be subject to updated surveys. The future EPS licence application would be informed by this method statement and appropriate updates at detailed design.

Please provide below a brief summary of how the current application relates to the larger project.

This method statement is intended to inform the DCO application for the Scheme only and not an EPS licence application. A future EPS licence application following DCO approval would be subject to updated surveys. The future EPS licence application would be informed by this method statement and appropriate updates at detailed design.

This method statement concerns two great crested newt (GCN) ponds (Ponds ref: A11 and A12) at Burgham Park golf course, both within 250m of the Scheme. The Scheme would not result in the loss of either pond or any other aquatic habitat, and would result in the loss of GCN terrestrial habitat only.

Impacts to other GCN populations as a result of the wider Scheme outside of the area of ponds A11 and A12 are addressed in a separate draft licence (A1 in Northumberland: Morpeth to Felton - Burgham Park; which has been issued to Natural England) and/or detailed within **Chapter 9: Biodiversity** of Volume 1 of the Environmental Statement (ES) for the Scheme (**Application Document Reference: TR010041/APP/6.1**).

**For this method statement also include a map FIG. B1.1 - [see Sum & Figs. tab.](#)**

**B1.2** Apart from any mentioned in B1.1, are there other GCN mitigation projects which might affect the target population? You must make reasonable efforts to establish this, including discussions with your client and the LPA.  Yes  No

Notes: Include any projects within 100m of site boundary, and any further away that are likely to seriously impact on the population at the site. Include current projects, any from the last 5 years, and any planned to happen within the next 5 years.

## B - Background & Site Info

If yes, provide summary information here, including site names, dates, and - if known - licence reference No.s:

There are no other known projects that may impact the target GCN population. A review of projects shall be repeated to inform the future licence application.

**NB: Locations of other GCN sites must be shown on FIG. B1.2 - [see Sum & Figs. tab](#)**

[Next Section](#)

*It be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

### C Survey and site assessment

C1 Pre-existing survey information on GCN at survey site (eg previous to the survey data used to inform this application)

C1.1 Indicate conclusion on newts at development site from pre-existing survey data, if any. You should make reasonable efforts to find this data, including consulting the NBN Gateway and Local Records Centres.

Pre-existing survey confirms great crested newt presence

C1.2 Age of pre-existing survey data (years between now and latest survey)

Between 1 and 3 years

C1.3 Source(s) of pre-existing survey data; also include a copy or summary in an appendix

Data from the Environmental Records Information Centre (ERIC) North East showed four records of GCN at Burgham Park Golf Course, dated between 1983 and 2015. A European Protected Species (EPS) Licence relating to GCN was also issued for Burgham Park Golf Course (OS grid ref. NZ 16897 96902). EPSL number was EPSM2013-6209 and it related to damage of a resting place. Start date; 12/12/2013, end date; 30/06/2019. This information is contained within the baseline reports for the Scheme (**Appendices 9.4 and 9.5 of Volume 3 of this ES (Application Document Reference: TR010041/APP/6.3).**)

C2 Status of GCNs in the local area

C2.1 Local status (within approx 10km). Note: often there will be only patchy data on newt distribution, but you may feel able to assign one of the categories below when combined with pond density figures for the local area. Note: this is only a rough measure.

Rare or absent - likely to be absent locally, or c. <5 ponds within 10km

Further information on local status

Of the 24 ponds surveyed within 500m of the Scheme (between Morpeth and Felton), GCN were confirmed present within four ponds (A11, A12, A19 and A21). Full details of the surveys undertaken are presented in **Appendices 9.4, 9.5 and 9.6 of Volume 3 of the ES (Application Document Reference: TR010041/APP/6.3).**

C3 Recent survey (to inform this mitigation project)

C3.1 Objective of survey

To assess population size class of great crested newts in specified pond(s)

C3.2 Survey area and justification

- Clearly state which areas were surveyed...

If *Other*, please provide comments below:

Survey Area

250m

500m

Other

- Select which ponds were surveyed.....

If *Other*, please provide comments below:

Ponds Surveyed

All Ponds

Some Ponds

Other

- Provide justification for the area surveyed (whether 250m or 500m of the site)

The assessment for GCN included a survey of all accessible ponds within 500m of the Scheme. This method statement relates to impacts to great crested newts associated with ponds A11 and A12. As such, survey effort for ponds within 500m of A11 and A12 and not separated by a significant barrier to dispersal (i.e. the A1 carriageway) are presented within this method statement. A summary of survey results for all ponds within 500m of the Scheme may be found within **Chapter 9: Biodiversity** of Volume 1 of this ES (**Application Document Reference: TR010041/APP/6.1).**

**NB: to accompany the survey section you must identify the survey area and all ponds within that area, indicating those surveyed from those not surveyed, on FIG. C3.2(a) and the 250m and 500m radii limits around the development boundary. An aerial photograph of the site and surrounding area is also useful.**

**Please label as FIG. C3.2(b) if included. [See Sum & Figs. tab.](#)**

C3.3 Habitat description: waterbodies

C - Survey Info

C3.3i Briefly describe all waterbodies within your survey area. Please provide only a short text description, e.g. "Pond 1 is a small garden pond in the northwest of the site. Pond 2 is a marl pit pond in the centre of the site". Include pond references (names). Do not include Habitat Suitability Index (HSI) data here; this is to be added later in the Method Statement.

Pond ref	Description
A11	Pond is located within a golf course, therefore the surrounding terrestrial habitat comprises amenity grassland (heavily managed) with intermittent scrubby grassland and woodland blocks. The pond may completely dry on occasions.
A12	This pond is fed by a land drain and is heavily silted. Surrounding terrestrial habitat is of moderate suitability for GCN, comprising woodland and rank grasslands. Wildfowl and tadpoles were observed during surveys and fish presence is possible. Within the Development Site.
A13	Small, linear, muddy pond with steep banks and wildfowl present. Adjacent to A12. Surrounding terrestrial habitat is of moderate suitability for GCN, comprising woodland and rank grasslands. Within the Development Site (as defined in C3.4 of this document).

Add further records to the [Additional Records tab](#).

**C3.3.ii Waterbodies:** distance from development site boundary and other ponds.

Provide distance (to the nearest 10m) from the development site boundary for each pond within the survey area. If pond is on site, enter "0". If a pond on site or close to the development was not surveyed for GCNs, still give the distance, and provide reason for not surveying.

Pond ref	Distance (m)	Surveyed or not?	If selected 'No- other reason' explain below
A11	100	Yes	
A12	0	Yes	
A13	0	No - other reason	Dried up. Therefore scoped out from assessment.

Add more records here [Additional records page](#)

**C3.4 Habitat description: terrestrial habitats.**

What is the total area (ha) of the development site?

16.93

- Please provide a broad breakdown (ha and habitat type) of terrestrial habitat present on the development site. **Note** that this total should be the same as the area included above.
- Also, briefly describe the terrestrial habitats present on adjacent areas likely to support GCNs. If there is no defined boundary to development site, please explain the habitats affected by the works and within the surrounding area.
- The habitats described in this section should be clearly shown and identified on Figure C3.2(a)

The Scheme is approximately 242ha in size, with ponds A11 and A12 located at the northern end of the off-line section. For the purposes of this draft licence application, the "Development Site" has been defined as the area of the Scheme (within the Order Limits) within 500m of ponds A11 and A12 and south of the A1 (a significant barrier to dispersal). This is to allow an accurate representation of terrestrial habitat that is relevant

## C - Survey Info

significant barrier to dispersal). This is to allow an accurate representation of terrestrial habitat that is relevant to the GCN population within A19. Hard standing (in relation to the surface of roads; A1 and East Road) has been omitted from calculations, given that this does not represent suitable GCN habitat, as have habitats to the north of the A1, given that the road represents a significant barrier to dispersal.

Habitats present are: arable 5.66ha, poor semi-improved grassland 7.94ha, woodland/scrub 1.66ha, amenity grassland 0.05ha, marshy grassland 0.73ha, improved grassland 0.25ha, tall ruderal 0.48ha and earthbank 0.02ha.

The Development Site also includes hedgerows (species poor intact and defunct) of approximately 1400m, representing arable and grassland field boundary features. Hedgerows are assumed to be 1m width to calculate area (approximately 0.14ha).

The total Development Site area is 16.93ha.

Habitats surrounding the Development Site are predominantly arable farmland, woodland and habitats associated with the golfcourse (including improved grassland, rough grasslands and scrub).

**NB: Photographs showing the habitats on site should be provided - FIG. C3.4**  
[see Sum & Figs. tab](#)

### C3.5 Waterbodies: quantitative assessment.

A Habitat Suitability Index (HSI) score should be calculated for each pond that would be subject to activities likely to result in adverse impacts on the local GCN population. See guidance in the Instructions section (Survey data and HSI tabs). It is not required for ponds subject to low impacts, though can be entered if you wish; this may be useful, for example, to provide objective evidence that the population affected is likely to be small.

In the boxes below, enter the Pond reference (or name) then the SI scores. The spreadsheet will automatically calculate the HSI. It is expected that, for each HSI, all ten SI scores should be entered in most cases. If you did not calculate a particular SI score, leave blank (**do not** enter "0"). If more than two variables are missing, the HSI should be treated as provisional and you should comment on this below. If more than 10 waterbodies need HSI scores, include additional information in an appendix, in the same format as below.

Date HSI assessment undertaken	Apr-16	Apr-16	Apr-16		
Pond ref	A11	A12	A13		
SI1 - Location	1	1	1		
SI2 - Pond area	1	0.67	0.985		
SI3 - Pond drying	0.9	1	0.9		
SI4 - Water quality	0.67	1	0.67		
SI4 - Shade	1	1	1		
SI6 - Fowl	1	1	0.67		
SI7 - Fish	1	1	0.3		
SI8 - Ponds	0.65	0.65	0.65		
SI9 - Terr'l habitat	1	1	1		
SI10 - Macrophytes	0.35	0.35	0.35		
HSI	0.82	0.83	0.70		

Date HSI assessment undertaken					
Pond ref					
SI1 - Location					
SI2 - Pond area					
SI3 - Pond drying					
SI4 - Water quality					
SI4 - Shade					
SI6 - Fowl					

C - Survey Info

SI7 - Fish					
SI8 - Ponds					
SI9 - Terr'l habitat					
SI10 - Macrophytes					
HSI					

Add more records here [Additional records](#) page

Please comment and describe any constraints on HSI data if appropriate. If ponds did not under go a HSI assessment please also explain why:

The HSI assessment would be repeated to inform the future licence application.

**C4 Amphibian survey**

**C4.1 Terrestrial amphibian survey**

Was a terrestrial survey undertaken?.....  Yes  No

If no, proceed to next section.

Objective of terrestrial survey:

Which area was surveyed for terrestrial amphibians?

Explain terrestrial survey area(s). Also mark on map, and give map reference here:

**Applicants must ensure they retain or have access to the records set out in the technical advice note, and used to support the licence application, for at least 12 months after the first licence return (dates for which will be set out in any licence granted).**

Fill in the boxes to show methods, timing, effort and results:

Survey start date:  Survey end date:

Method:	Refuge search	Pitfall	Night search	Other**
Effort	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
No. of newts*	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Total newts:	0			

Metamorphs and immatures as percentage of total catch:

\*for this section, "no. of newts" refers more accurately to "no. of newt observations", as individuals are not distinguished in typical surveys. If you have individual newt data, state below.

Comments on results, e.g. \*\* if an 'other' method was used please explain what this was, favoured areas, migration route, juvenile dispersal route. Also mark observations and locations newts found on a map, and give map reference here:

**C4.2 Aquatic surveys for presence / absence using eDNA.**

A. Have you used eDNA to determine GCN presence?

Yes  No

B. If yes, please confirm the following:

i. The Defra [technical advice note](#) has been strictly followed -  
*If no, the results will not be accepted.*

Yes  No

**Applicants must ensure they retain or have access to the records set out in the technical advice note, and used to support the licence application, for at least 12 months after the first licence return (dates for which will be set out in any licence granted).**

ii. Natural England's published timeframes for taking eDNA samples has been adhered to -

Yes  No

*If no, please explain why.*

eDNA surveys were undertaken as part of the baseline surveys in 2016. However, it has not been confirmed that the survey was undertaken by a GCN licensed surveyor. As such, the eDNA survey results have not been used to inform this method statement.

iii. Confirm only licensed GCN surveyors, or suitably trained and competent Accredited Agents (see below table) have taken the eDNA samples to support this licence application. Provide their names and licence references below.

Yes  No

Pond ref	GCN Surveyor / Accredited Agent	Licence Reference
A11	See above	
A12	See above	
A13	See above	

*Add more records here [Additional records page](#)*

**C. Complete the following table**

Pond reference	Date eDNA sample taken	Result (presence or absence)
A11		
A12		
A13		

C - Survey Info


*Add more records here* [Additional records page](#)

**It is only acceptable to use Accredited Agents under a GCN survey licence to collect eDNA samples if it can be demonstrated that they are adequately trained and competent in GCN ecology, conventional survey techniques, trained in the collection of eDNA samples and are experienced GCN surveyors even if they do not hold their own GCN survey licences. The named ecologist and applicant are responsible for ensuring that this condition is met.**

**Results of eDNA survey data must be clearly depicted on Figure C3.2a.**

[Next Section](#)



*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods) - GCN results - Pond 1**

Was an aquatic amphibian survey done?	Yes	If no, proceed to next section.
Total no. of ponds surveyed:	2	If >10 ponds or >8 visits for a pond, provide further data... See additional <a href="#">Survey ponds 11-20 sheet</a>

Surveyor name(s): A. Togridou, F.Tobin, C. Burton, G. Slack, A. Mcllwraith, M. Robson, J.M. Bellas, S. Anderson

**Important. Read before completing this section:** Enter GCN survey data in relevant boxes in the table below (for Pond 1) and those on subsequent sheets (for up to 9 other ponds). Enter "0" where you did a survey and found no newts; leave box blank if no survey was done. This format is designed for a typical single season survey with typical methods and effort. Explain atypical methods/effort later. For multiple year surveys, give details in annex (convert data to this format if possible). Use these tables to provide details only for the most recent season's survey. Append older survey results in full. Automatic yellow highlight indicates possible detectability problem (see Evaluation & interpretation section, later).

Pond reference (e.g. "Pond 1") - below				Method:	Torch			Bottle-trap			Net			Egg search	Larvae
A11					Torch power:			No. of traps used in pond:					eggs found?	larvae found?	
No. of survey visits to this pond:				6	>= 1,000,000 cp			varies						(any method)	
Sex/life stage:				Male	Female	Imm.	Male	Female	Imm.	Male	Female	Imm.			
(1) Date:	Air temp	Veg cover	Turbidity		10	1	3	5	1	0					
03/04/2017	8	3	0	Adult totals:	11			6			0				
(2) Date:	Air temp	Veg cover	Turbidity		1	0	0	8	8	0					
09/05/2017	6	3	0	Adult totals:	1			16			0				
(3) Date:	Air temp	Veg cover	Turbidity		2	0	0	4	3	0					
18/05/2017	12	3	1	Adult totals:	2			7			0				
(4) Date:	Air temp	Veg cover	Turbidity		1	4	0	6	8	0					
22/05/2017	14	3	0	Adult totals:	5			14			0				
(5) Date:	Air temp	Veg cover	Turbidity		0	4	0	1	2	0					
30/05/2017	9	3	0	Adult totals:	4			3			0				
(6) Date:	Air temp	Veg cover	Turbidity		0	2	0	2	0	0					
06/06/2017	11.4	4	0	Adult totals:	2			2			0				
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>							16								

Comments and constraints:

C - Survey - Pond 1-10

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods)- GCN results (cont - Pond 2)**

*NB: This page prints in landscape format*

Pond reference (e.g. Pond 2)				Method:	Torch			Bottle-trap			Net			Egg search	Larvae
A12					Torch power:			No. of traps used in pond:					eggs found?	larvae found?	
No. of survey visits to this pond:		6			≥ 1,000,000 cp			varies						(any method)	
				Sex/life stage:	Male	Female	Imm.	Male	Female	Imm.	Male	Female	Imm.		
(1) Date:	Air temp	Veg cover	Turbidity			0	0	0	0	0	0	0			
04/04/2017	9	1	1	Adult totals:	0			0			0				
(2) Date:	Air temp	Veg cover	Turbidity		0	0	0	0	0	0					
08/05/2017	8	1	3	Adult totals:	0			0			0				
(3) Date:	Air temp	Veg cover	Turbidity		0	0	0	1	0	0					
22/05/2017	14	1	1	Adult totals:	0			1			0				
(4) Date:	Air temp	Veg cover	Turbidity		0	0	0	0	0	0					
30/05/2017	15	1	0	Adult totals:	0			0			0				
(5) Date:	Air temp	Veg cover	Turbidity		0	0	0	0	0	0					
06/06/2017	11.3	2	0	Adult totals:	0			0			0				
(6) Date:	Air temp	Veg cover	Turbidity		0	0	0	0	1	0					
13/06/2017	10	1	0	Adult totals:	0			1			0				
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>								1							
Comments and constraints:															

C - Survey - Pond 1-10

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods) - GCN results (cont - Pond 3)**

*NB: This page prints in landscape format*

Pond reference (e.g. Pond 3)				Method:	Torch			Bottle-trap			Net			Egg search eggs found?	Larvae larvae found? (any method)
No. of survey visits to this pond:					Torch power:			No. of traps used in pond:							
				Sex/life stage:											
				Male	Female	Imm.	Male	Female	Imm.	Male	Female	Imm.			
(1) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0		0						
(2) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0		0						
(3) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0		0						
(4) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0		0						
(5) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0		0						
(6) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0		0						
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0		0						
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0		0						
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>							0								

Comments and constraints:

C - Survey - Pond 1-10

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods) - GCN results (cont - Pond 4)**

*NB: This page prints in landscape format*

Pond reference (e.g. Pond 4)				Method:	Torch			Bottle-trap			Net			Egg search eggs found?	Larvae larvae found? (any method)
No. of survey visits to this pond:					Torch power:			No. of traps used in pond:							
				Sex/life stage:	Male	Female	Imm.	Male	Female	Imm.	Male	Female	Imm.		
(1) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(2) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(3) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(4) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(5) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(6) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>								0							

Comments and constraints:

C - Survey - Pond 1-10

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods) - GCN results (cont - Pond 5)**

*NB: This page prints in landscape format*

Pond reference (e.g. Pond 5)				Method:	Torch			Bottle-trap			Net			Egg search eggs found?	Larvae larvae found? (any method)
No. of survey visits to this pond:					Torch power:			No. of traps used in pond:							
				Sex/life stage:	Male	Female	Imm.	Male	Female	Imm.	Male	Female	Imm.		
(1) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(2) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(3) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(4) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(5) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(6) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>								0							

Comments and constraints:

C - Survey - Pond 1-10

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods) - GCN results (cont - Pond 6)**

*NB: This page prints in landscape format*

Pond reference (e.g. Pond 6)				Method:	Torch			Bottle-trap			Net			Egg search eggs found?	Larvae larvae found? (any method)
No. of survey visits to this pond:					Torch power:			No. of traps used in pond:							
				Sex/life stage:	Male	Female	Imm.	Male	Female	Imm.	Male	Female	Imm.		
(1) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(2) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(3) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(4) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(5) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(6) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>								0							

Comments and constraints:

C - Survey - Pond 1-10

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods) - GCN results (cont - Pond 7)**

*NB: This page prints in landscape format*

Pond reference (e.g. Pond 7)				Method:	Torch			Bottle-trap			Net			Egg search eggs found?	Larvae larvae found? (any method)
No. of survey visits to this pond:					Torch power:			No. of traps used in pond:							
Sex/life stage:				Male	Female	Imm.	Male	Female	Imm.	Male	Female	Imm.			
(1) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0			0					
(2) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0			0					
(3) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0			0					
(4) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0			0					
(5) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0			0					
(6) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0			0					
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0			0					
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0		0			0					
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>							0								

Comments and constraints:

C - Survey - Pond 1-10

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods) - GCN results (cont - Pond 8)**

*NB: This page prints in landscape format*

Pond reference (e.g. Pond 8)				Method:	Torch			Bottle-trap			Net			Egg search	Larvae
No. of survey visits to this pond:					Torch power:			No. of traps used in pond:						eggs found?	larvae found? (any method)
					Sex/life stage:			Male	Female	Imm.					
(1) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(2) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(3) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(4) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(5) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(6) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>								0							

Comments and constraints:



C - Survey - Pond 1-10

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods) - GCN results (cont - Pond 9)**

*NB: This page prints in landscape format*

Pond reference (e.g. Pond 9)				Method:	Torch			Bottle-trap			Net			Egg search	Larvae
No. of survey visits to this pond:					Torch power:			No. of traps used in pond:						eggs found?	larvae found? (any method)
					Sex/life stage:			Male	Female	Imm.					
(1) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(2) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(3) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(4) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(5) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(6) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>								0							

Comments and constraints:

C - Survey - Pond 1-10

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**C4.3 Aquatic amphibian survey (conventional methods) - GCN results (Pond 10)**

*NB: This page prints in landscape format*

Pond reference (e.g. Pond 10)				Method:	Torch			Bottle-trap			Net			Egg search eggs found?	Larvae larvae found? (any method)
No. of survey visits to this pond:					Torch power:			No. of traps used in pond:							
				Sex/life stage:	Male	Female	Imm.	Male	Female	Imm.	Male	Female	Imm.		
(1) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(2) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(3) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(4) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(5) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(6) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(7) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
(8) Date:	Air temp	Veg cover	Turbidity												
				Adult totals:	0			0			0				
<b>Peak adult count for this pond in any one visit (by torch, trap or net):</b>								0							

Comments and constraints:

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

C4.4 Aquatic amphibian survey (continued)

1. Confirm that you have undertaken a walkover survey within 3 months prior to submission.....

Yes  No

2. If the survey was not undertaken this year, please confirm whether there are any changes to habitats (aquatic or terrestrial). If yes, please detail the nature of the changes below.

A walkover survey would be undertaken within 3 months of the future licence application.

[Next Section](#)

*This shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton -*

### C5 Interpretation and evaluation

#### Summary of presence, peak count, population size class and habitat quality

Enter whether GCNs (any life stage) were detected for each pond, and HSI score for each pond subject to adverse impacts (see guidance in instructions). The other fields (in blue) should be generated automatically based on data you have entered in previous sheets.

Pond ref	Gt. crested newts detected?	Peak adult count	Pop size class	HSI	Low detectability warning*	Peak count visit number	Eggs
A11	Yes	16	Medium	0.82	Caution	2	
A12	Yes	1	Small	0.83		3	
0		0		0.70			
0		0					
0		0					
0		0					
0		0					
0		0					
0		0					
0		0					

**\*Note: The detectability column will state "Caution" if your data suggest any survey was done in poor conditions (temp<5C, veg cover>3, turbidity>3 or torch power <500,000 cp); otherwise it is blank. Aquatic newt surveys should not be carried out when air temp is <5C or with weak torches as results can be misleading. Whilst careful timing can sometimes avoid vegetation and turbidity problems, they are inevitable at some sites. It may be appropriate to undertake more detailed surveys and interpretation techniques (e.g. CMR). If this column returns "Caution", or there is any other reason to suspect detectability problems, you should be especially careful about interpreting counts, and comment on this in the constraints box below.**

Peak total site count\*\* for all ponds surveyed: 16

\*\* This figure is derived as follows. For each survey visit, the spreadsheet picks the highest count of adult newts obtained by torch, net or bottle-trap for each pond. These individual pond counts are then summed to give a site count for each visit. The peak total site count is then the highest of these figures, i.e. highest summed count across all ponds attained on any one visit. This figure may derive from counts using a mixture of methods (torch, bottle-trap or net) - see adjacent table which shows how the figure is derived. The calculations assume survey visits per pond are undertaken within similar timeframes, if this is not the case, this Peak total site count should be calculated by hand and reasons for it explained in the general comments text box below.

Population size class for all ponds surveyed: Medium

\*\*\* this automatically generated size class assumes that it is appropriate to aggregate counts from all ponds, i.e. there is likely to be newt movement between ponds, for example where each pond is within approx 250m of another, with no significant barriers to dispersal. If you believe the automatically generated size class is incorrect for your site, provide your ecological justification in box below and give alternative accounts of peak total site counts and population size class for the site. Where there are meta-populations explain which ponds form each meta-population. For surveys of >10 ponds, data should be added to appendix provided, and note that peak counts etc will need to be derived separately.

Site status assessment (see Section 5.8.5 of *Great crested newt mitigation guidelines* for guidance):

Quantitative	Moderate importance - medium population
Qualitative	Moderate - breeding on site; habitats common in area
Functional	Moderate importance - probably some dispersal to/from nearby population(s)
Contextual	Moderate importance - population size class typical of area

#### General comments on overall site status, and constraints to interpretation and evaluation -

How did the constraints affect your interpretation of your survey?

- Account for the presence of any barriers to dispersal and explain how this affects your assessment of the distribution of newts across the site and the presence of meta-populations

## C - Survey summary

There are no barriers to dispersal between the two ponds (A11 and A12) where GCN were recorded. Both ponds are to the west of the existing A1 and are only separated by a band of trees/scrub and rough grass/fairway on Burgham Park Golf Course. Therefore the medium population size class generated is considered an accurate interpretation of the meta-population formed by GCN from ponds A11 and A12.

Longdike Burn, within 20m east of pond A12, is a flowing waterbody ranging between 2 and 4m in width. Flow rates were not considered significant, although the width in places could present a barrier to dispersal. However, there is potential that GCN could circumnavigate the burn to access habitats to the east via the vegetated verge of East Road 260m to the south. Given the partial connectivity to the eastern side of Longdike Burn, the watercourse is not considered a significant barrier to movement, although has been considered with regards to compensation for habitats permanently lost on the eastern side of the burn.

There are no other ponds within 500m of ponds A11 and A12 that are not separated by significant barriers to dispersal. There are ponds present to the north of the existing A1, however, the road is considered to be a significant barrier to dispersal of GCN to the north.

There is the potential for GCN within this meta-population to disperse to the north, south and west. However, there are no known aquatic habitats to the north within 500m and not separated by a significant dispersal barrier (A1). There is a single pond 675m to the south, which is connected via riparian habitats along Longdike Burn. There are two ponds located within the golf course to the west. The distance from pond A11 to these ponds, through connective habitat (woodland/scrub), is approximately 820m and 950m respectively. Given the distance to these ponds, it is considered that interchange of individuals between populations (if present within the ponds to the west) would only be occasional/rare.

- Acknowledge any survey constraints e.g. low detectability warnings (as highlighted in section C5 above), deviation from survey recommendations in the GCNMG (methodology, timings, effort) etc.

A low detectability warning was given for Pond A11 as vegetation coverage was classified as 4 on visit 6, meaning that 80% of the pond surface was obscured.

However, the future licence application would be informed by updated surveys.

- Justify why constrained survey data is considered to accurately represent the size and distribution of the GCN population(s) present

The low detectability warning did not significantly constrain the reliability of the results, as during the previous five visits the vegetation coverage was only 3. The majority of GCN recorded in A11 and A12 were also detected during bottle trapping, including the peak adult count of 16 and 1 individuals respectively. Several survey methods were employed during each survey visit ensuring the greatest likelihood of encountering GCN, and therefore the data is considered suitable to inform this impact assessment.

In addition, the future licence application would be informed by updated surveys.

[Next section](#)

confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park

### D1 Habitat impact tables

N.B: this section must identify impacts *in the absence of mitigation or compensation measures*. Refer to the *Great crested newt mitigation guidelines* for guidance in impact types (section 6).

Should you wish to convert ha to m<sup>2</sup> or m<sup>2</sup> to ha please [use this converter](#)

Total Area of Development (ha): **16.93**

#### D1.1 Breakdown of terrestrial impacts

Permanent		Temporary	
Habitat type	Area lost (ha)	Habitat type	Area damaged (ha)
Arable	3.27	Arable	2.39
Woodland/scrub	0.07	Woodland/scrub	1.59
Marshy grassland	0.11	Marshy grassland	0.62
Poor semi-improved grassland	2.88	Poor semi-improved grassland	5.06
Tall ruderal	0.04	Tall ruderal	0.44
Hedgerow	0.12	Improved grassland	0.25
Earthbank	0.01	Amenity	0.05
		Hedgerow	0.02
		Earthbank	0.01
<b>Total Loss</b>	<b>6.5</b>	<b>Total Damage</b>	<b>10.43</b>

#### D1.2 Core, intermediate and distant terrestrial impacts

	Permanent	Temporary
	Area lost (ha)	Area damaged (ha)
Core (<50m from pond)	0	1.24
Intermediate (50-250m from pond)	2.12	5.95
Distant (>250m from pond)	4.38	3.24
<b>Total (ha)</b>	<b>6.5</b>	<b>10.43</b>

#### D1.3 Aquatic impacts

	Permanent		Temporary	
	Number lost	Area lost (m <sup>2</sup> )	Number damaged	Area damaged (m <sup>2</sup> )
GCN Ponds	0		0	
Other Ponds	0		0	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Notes on terms in these tables:

- 'GCN ponds' must include all ponds or other waterbodies in which GCN were recorded plus any others that are likely to be used by GCNs for foraging e.g. suitable ponds / waterbodies where no GCN were recorded but with good connectivity to other ponds / waterbodies within the survey area found to support GCNs.

- Area of ponds to be calculated by measuring or estimating extent at winter maximum.

- "Terrestrial habitat" here includes any land likely to be important to the local GCN population for foraging, resting, hibernating or dispersal. This means, for example, that even unvegetated or sparsely vegetated areas close to high quality newt ponds (within around 50m) should be included in impact assessments; this could apply to quarry floors, arable, cracked or damaged hard-standing and amenity grassland.

- Areas may be excluded from calculations if you assess that they are substantially isolated by barriers to dispersal

## D - Impact assmt

and therefore highly unlikely to be used by newts; this may even include apparently high quality areas.

- Areas may also be excluded if you believe for any other reason that they are highly unlikely to be used by newts. **Please always explain why you have excluded certain areas below.**

*If there are discrepancies in the areas in the tables below, please explain in the Impact text boxes below.*

**D2 Pre- and mid-development impacts:** descriptive text. Example: "Vegetation clearance and archaeological investigations in Area A would kill and injure newts, and damage core refuge sites, close to Pond 1. Moderate negative impact on population."

Permanent Habitat Loss has been calculated as the area beneath the Scheme Footprint (the hardstanding of the Scheme carriageway) and those habitats between the existing A1 and new road alignment, which shall be permanently severed by the new off-line section of the Scheme.

Temporary Habitat Loss has been calculated as the area between the Scheme Footprint and the Order Limits. As such, Temporary Loss includes areas of habitat that would be retained during construction. These areas would be confirmed at detailed design following contractor appointment/involvement (to understand working footprint) and expressed accurately within the future licence application.

As such, within this method statement, Temporary Loss represents an over-estimate of the reality (as a worst-case scenario). Longdyke Burn is located within the Development Site (Running Water), although has been excluded from calculations given that it does not offer suitable aquatic habitat for GCN and shall be retained within the landscape proposal.

The areas of retained habitat (i.e. those not lost or reinstated/enhanced/replaced within the landscaping plan) are estimated to be:

Core: 0.08ha

Intermediate: 0.05ha

Distant: 1.22ha

Vegetation clearance and groundworks involved with the construction of the proposed road to the west of the existing A1 have the potential to kill and injure newts and damage core/intermediate habitat close to Pond A12. Moderate negative impact on population.

Development could result in the entrapment of GCN within voids and trenches, that may result in killing or injuring of newts. Minor negative impact on population.

**D3 Long-term impacts:** descriptive text (to always include fragmentation if applicable to scheme) .

Example:

"Construction of Plot 1 in Area B would kill and injure newts, destroy Pond 1 (a breeding site) and core terrestrial habitat, consisting of rough grassland and deciduous woodland, around Pond 1. Creation of play area in Area C would reduce grassland value for newts. Construction of Plot 1 would create significant dispersal barrier between Ponds 1 and 2. Serious negative impact on population."

Construction of the Scheme would result in fragmentation of GCN habitat, with grassland habitat to the east of Scheme (new off-line section of the A1) permanently severed from the GCN population. In addition the Scheme Footprint itself will result in some permanent loss of terrestrial habitats. However, these are located to the east of Longdike Burn, considered as a partial barrier to dispersal (as detailed in Section C5). Minor negative impact on population. Minor negative impact on population.



**D4 Post-development interference impacts:** descriptive text. Example: "Major increase in risk of fish and invasive aquatic plant introduction due to creation of large residential development adjacent to pond. Potentially serious negative impact on population."

A reduction in the amount of accessible terrestrial habitat available to newts, which is due to the new A1 alignment being moved further west towards the south of the site (as detailed in D3 above). The new alignment will also result in potentially higher levels of disturbance due to the new alignment being closer to the newt ponds towards the south of the site. Moderate negative impact on population.

**D5 Other impacts:** descriptive text. Example: "Reduced water table due to altered local hydrology when development is complete. Increased early pond desiccation, resulting in lower breeding success. Likely serious negative impact on population." impacts when creating any mitigation or compensation measures.

Potential alteration of local hydrology resulting in increased or decreased water levels and periods of dessication. Both of which may have negative impacts on populations.

#### **D5.2 Impact assessment map notes**

Impact maps must be of a suitable scale to clearly show the following:

- The development site boundary
- 50m, 250m and 500m radii around each GCN pond boundary
- Temporary and permanent impacts and habitats affected (to include a key to show the habitat types).
- Fragmentation impacts and/or barriers to dispersal.

More than one map may be required for larger schemes.

**NB: Impacts must be shown on FIG. D - ensure all habitats types that will be affected by the proposals and impacts on them (indicating whether temporary or permanent) are clearly indicated and 50m, 250m and 500m radii are shown around GCN ponds.**

[See Sum & Figs. tab.](#)

[Next section](#)



*all be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**E1 The mitigation solution** being proposed in the Method Statement should be the one that delivers the 'need' with the least impact on the newt population.

Please explain why this design was chosen over other potential solutions - set out what other mitigation proposals were considered and why they were not feasible, for example:

- if the proposal is to construct a new road and it will destroy breeding ponds, explain why it is not possible to retain the ponds in the proposed design etc; or,
- if a residential development results in a net loss of habitat, explain why it was not possible to reduce the housing footprint; or,
- if pond drain down is planned for the summer months when newts are breeding please explain why it is not possible to schedule this in, followed by pond destruction, in late September onwards; or
- if your proposal includes a non-standard approach to meeting the 'need'.

The proposed design of the Scheme does not involve the destruction of Ponds A11 and A12. Impacts are restricted to the loss of terrestrial habitat. The alignment of the road has been informed by a variety of factors, including (but not limited to) impacts to people, visual impacts and feasibility. The Scheme design avoids loss of terrestrial habitat within the core and majority of the intermediate terrestrial habitat zones, whilst achieving the need of the Scheme.

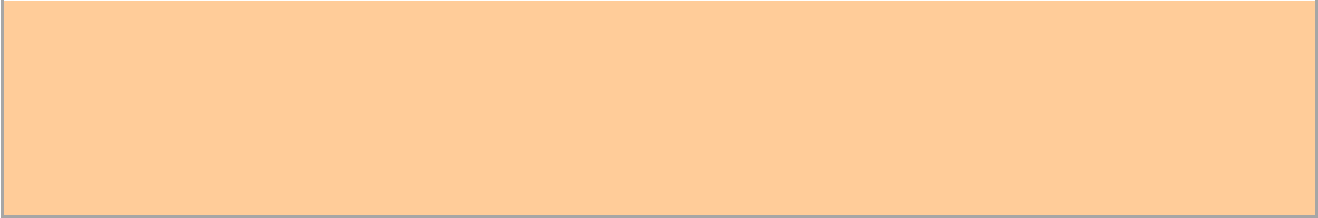
As detailed in Section D2, Permanent Habitat Loss has been calculated as the area beneath the Scheme Footprint. Temporary Loss has been calculated as the area between the Scheme Footprint and temporary boundary/red line boundary. As such, Temporary Habitat Loss also includes areas of habitat that would be retained during construction. These areas would be confirmed at detailed design following contractor appointment/involvement and expressed accurately within the future licence application. As such, within this method statement, Temporary Loss represents an over-estimate of the reality (as a worst-case scenario). Longdyke Burn (Running Water) has been excluded from calculations given that it does not offer suitable aquatic habitat for GCN and shall be retained within the landscape proposal.

Compensatory habitat includes 4.44ha of grassland creation, representing an enhancement to the existing poor semi-improved grassland and woodland blocks. The grassland would be managed to encourage a dense sward that offers greater terrestrial suitability for GCN.

A further 4.87ha of woodland is to be created to connect existing woodland blocks and increase habitat connectivity. This habitat creation is mitigation for the Scheme, although it would also serve a function of providing suitable terrestrial habitat for GCN.

Approximately 1200m (0.12ha) of hedgerow (native, species rich) is proposed, primarily running parallel with the new alignment of the A1. This would further increase habitat connectivity and encourage movement parallel with the A1 carriageway.

Whilst the Scheme will not result in the permanent or temporary loss of ponds, it is proposed to provide two new ponds as part of the mitigation strategy. One pond shall be located c.200m to the south of pond A12, with direct habitat connectivity, with the second to be located c.370m to the south. The second pond would be separated from pond A12 by a partial dispersal barrier (East Road, minor road perpendicular to the A1). It is proposed to include an amphibian underpass beneath the road to provide safe crossing and connectivity (Wildlife Burgham Culvert).



**E2 Receptor site selection.** *NB: this relates to the place(s) where any captured newts will be released. It does not just refer to distant receptor sites or need to be the entire compensation area; where GCN will be placed must be clearly indicated on the relevant map. Enter details below unless no newts will be captured or displaced.*

**NB: Location of the receptor site in relation to the development site must be provided on FIG. E2 [see Sum & Figs. tab](#)**

**E2.1 Existing GCN status at receptor site(s)**

Great crested newt present; medium population size class

**E2.2 Survey information for receptor site if different from the survey for the application proposal.**

Pond A11, as presented within this document

**E2.3 Receptor site locations. *Must include:*** Please record further sites in [Additional Records tab](#)

Site name	OS grid ref eg AB12345678	Administration area - if different from development site	Distance from development site (m).
Pond A11	NZ 176 970		100

**E2.4 Receptor site(s): ownership and land status. *Please note that any receptor site must be free from future development proposals/threats.*** [Additional records tab.](#)

Site name	Site Ownership	Conservation Designation?
Pond A11	Details unavailable at present. Ownership details shall be confirmed as part of the DCO application process and within the future licence application.	No

**E2.5 Receptor site: habitat description, size (ha) & adjacent land use.** [Additional Records tab](#)

Site name	Habitat description	Size (ha)	Adjacent Land Use
Pond A11	Receptor site includes Pond A11 and surrounding woodland/scrub terrestrial habitat	1.5	Golf course

**E3 Habitat creation, restoration and/or enhancement**

The left side of table below summarises the impacts you specified in section D. Enter the habitat creation, restoration and/or enhancement that will be undertaken to compensate for these impacts in the right hand column.

Should you wish to convert ha to m<sup>2</sup> or m<sup>2</sup> to ha please [use this converter](#)

Aquatic habitat	Impacts			Compensation		
	Effect	Number	Total Area (m <sup>2</sup> )	Measure	Number	Total Area (m <sup>2</sup> )
GCN ponds	Lost	0	0	Created	2	400

E - Mitign & compn

GCN ponds	Damaged	0	0	Restored / reinstated / enhanced	0	0
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Terrestrial habitat	Impacts		Compensation	
	Area lost (ha)		Area gained (ha)	
	Permanent	Temporary	Created	Restored / reinstated / enhanced
Core	0.0	1.2	0.9	0.5
Intermediate	2.1	6.0	2.7	3.5
Distant	4.4	3.2	1.5	1.8
<b>Totals</b>	6.5	10.4	5.0	5.8

**NB: All habitat creation, restoration and enhancement measures must be shown on FIG. E3.1 - see [Sum & Figs. tab](#)**

If a net loss of habitat (ha) is proposed please provide in the text box below an ecological justification to explain why the habitat measures proposed are considered sufficient to compensate for the impacts of the development. Some reduction in terrestrial habitat area may be acceptable provided there is an appreciable increase in habitat quality.

A net loss of compensatory habitat is achieved due to the restrictions of the temporary boundary of the Scheme. The permanent habitat loss due to the Scheme includes the Scheme Footprint and habitats between the new A1 alignment and existing A1 (permanent severance), thereby leaving less habitat available for creation/restoration. It was not possible to extend the temporary boundary of the Scheme to the west due to the presence of the golf course. As such, all available land within the temporary boundary has been enhanced as part of the compensation. The compensatory habitat proposed shall create habitats of greater value than those permanently lost, with appropriate management to benefit GCN. Therefore, the compensatory habitat measures are considered sufficient compensation for the impacts of the development. In addition, it is considered that the long term Favourable Conservation Status (FCS) of the meta-population will be maintained and may possibly benefit from the enhancement measures.

Retained habitat is included within the restored/reinstated/enhanced areas and is estimated as follows:  
 Core: 0.08ha  
 Intermediate: 0.05ha

**E3.1** Describe the creation, restoration or enhancement of aquatic habitats (include design and water body dimensions as per *mitigation guidelines* and waterbody location. Dimensions these will be included in any annexed licence issued).

**NB: Only put timing of aquatic creation, restoration or enhancement in the timetable E6a.**

Pond reference	Surface Area (m <sup>2</sup> )	Max. Depth (m)	Design / enhancement measures and location
New Pond 1	200		Design of ponds to be developed at detailed design stage but will be designed in accordance with GCN mitigation guidelines.
New Pond 2	200		

**E Mitigation & compensation (continued)**  
**E3.2 Terrestrial habitat measures**

E - Mitign & compn

State number/area/length of any terrestrial habitat measures. Leave blank if not applicable. \*Dimensions of hibernacula are expected to be *at least* that recommended in the mitigation guidelines.

	Number/area (ha)/length**	
	Created	Reinstated / Restored / Enhanced
Hedgerow planting	0.12	
Grassland re-seeding		0.44
Grassland management (just for GCN)		4
Scrub planting		
Woodland planting	4.88	
Hibernacula creation*	2	
Refuge creation	2	

\*\* Information must be consistent with Table E3.

Please describe management methods and explain any novel designs, non-standard proposals or techniques in the free text box below. Also describe any other terrestrial habitat measures, including locations & design. (Confirm landowner agreement for these measures, if they are to be created on land outside of the applicant's ownership, in Declaration worksheet J).

NB: Do not put in specific dates here; add these into E6a (separate document).

Hedgerows in Table E3.2 represented in ha, with an assumption of 1m width for the purpose of the calculation. Hibernacula/refugia shown as number to be created in Table E3.2 and to be a minimum of 2m (length) x 2m (width) x 1m (height). In addition to habitats reinstated/restored/enhanced, retained habitat is estimated as follows (to match the values presented in Table 3):  
 Core: 0.08ha  
 Intermediate: 0.05ha  
 Distant: 1.22ha

There are two separate habitat management/creation areas included within the application proposal. One is located to the north of East Road and one is located to the south of East Road. Similar management/creation measures are proposed for each area including the retention of existing woodland, new native-species woodland planting, hedgerow planting, species-rich grassland creation and the creation of a GCN mitigation pond within each area. It is proposed in this method statement to include one hibernacula and one refuge within each of the two discrete habitat creation areas, although this will be reviewed at the detailed design stage.

The grassland management would likely include a relaxed mowing regime, with a single summer haycut. Arisings would be left for a minimum of 24 hours to allow seeds to be dispersed, then removed from site. Woodland and hedgerow habitats shall be managed as detailed in **Chapter 7: Landscape and Visual** of Volume 1 of this ES (**Application Document Reference: TR010041/APP/6.1**) (standard woodland management).

Specific management measures shall be confirmed at detailed design and presented within the future licence

**E3.3 Integration with roads and other hard landscapes.**

Explain any measures you will take to integrate mitigation with roads and other hard landscapes. If you propose any connectivity measures, such as underpasses, please specify:

- Design (to include length, width, height and guide fencing)
- Monitoring (to include methodology and duration)
- Maintenance (to detail how long-term functionality of the underpass(es) and entrances will be ensured)

**NB: Locations & details of any proposed connectivity measures must be provided on FIG. E3.3 - see: [Sum & Figs. tab](#)**  
**NB: If you have identified fragmentation as an impact this is something you should address.**

An underpass (Wildlife Burgham Culvert) will be located beneath East Road at approximate OS Grid

Reference NZ 179 968 to connect land to the north of East Road, including Burgham Park Golf Club, with land to the south of East Road. The underpass will provide habitat connectivity between the GCN ponds and the pond to be created on land north of East Road (New Pond 1) with the pond to be created to the south of East Road (New Pond 2). The underpass will be rectangular in shape, 900mm wide and 600mm high, with an approximate length of 20m. Guide fencing will be considered further during the detailed design stage. Monitoring and maintenance methodology shall be developed at detailed design and included within the future licence application.

**E Mitigation & compensation (continued)**

**E4 Capture, exclusion & translocation: Please do not refer to any dates in this section - these should be provided in E6.**

State capture +/- or exclusion methods, with effort levels.

[Pls Read Advice Notes](#)

	Use method? <i>Yes/no</i>	Minimum capture effort <i>(days)</i>
At pond: bottle-trap, net, hand search &/or drain down	No	
At pond: ring-fence, pitfall trap (+ fence & refuges)	No	
Away from pond: hand search	Yes	5
Away from pond: destructive search	Yes	5
Away from pond: fence, pitfall trap (& refuges)	Yes	60
Away from pond: night search	No	
Away from pond: exclusion fence only	No	
Other or additional method(s) - state below:	No	

**NB:** • A minimum of 25 nights trapping will only be acceptable in exceptional circumstances which are fully

justified and explained. See [guidance on capture effort](#)

**NB: Locations of all capture/exclusion activities must be shown on FIG. E4(a)**

**- Any non-standard capture/exclusion measures should be detailed on FIG. E4(b) - [see H - Figures tab.](#)  
- if timings of works are different for different meta-populations please separate out in your work schedule.**

Briefly explain your capture/exclusion proposals, for example:

- Justify the use of non-standard methodologies and/or deviation from recommendations in the Great crested newt mitigation guidelines
- Explain differing capture effort in trapping compartments

NB: If a very complex capture operation is proposed the methodology should be explained in detail below.

Standard fence and pitfall trap methodology will be used to capture and exclude newts from the works areas. Amphibian exclusion fencing will be erected under supervision to enclose the Development Site. Semi-permanent exclusion fencing (utilising suitable material currently available on the market at the discretion of the fencing contractor) shall be used. Pitfall traps and artificial refugia will be placed along the inside of the exclusion fencing every 10m. Machinery will access using gates in the fencing, maintaining its integrity.

As Pond A12 would be contained within the above fenced area, it shall be ring-fenced to include the pond and surrounding terrestrial habitat. In addition, one of the hibernacula shall be created within the fenced area to ensure that any newts that remain within the pond and have not been translocated have sufficient aquatic and terrestrial habitats during the construction period.

A minimum of 60 days trapping effort will be undertaken in suitable weather conditions, and will be continued beyond this should GCN continue to be found. Five trapping days free from capture will mark the end of the capture period (which can be included within the minimum capture effort of 60 days). GCN will be released into the receptor site at Pond A11 and surrounding terrestrial habitat. Currently, an autumn trapping session is proposed.

Following trapping, hand and destructive searches of the construction area. The destructive search will involve a topsoil strip under ecological supervision. The integrity of the fencing will be maintained until completion of the construction works within 500m of ponds A11 and A12. Removal of the fencing will be supervised and will take place outside of the newt hibernation/dormancy season.

## E Mitigation & compensation (continued)

**E5 Post-development site safeguard.** Refer to Section 8.5 of the Great crested newt mitigation guidelines.

### E5.1 Habitat management & maintenance

Is any specific post-development habitat management and site maintenance planned?

Yes  No If no, proceed to population monitoring section E5.2.

State which of the following habitat management operations will occur:

Aquatic vegetation management in water bodies	
Clearance of shading tree or scrub cover around pond margins	
Mowing, cutting or grazing of grassland	
Desilting and clearance of leaf-fall	
Woodland and scrub management	
Other (state below)	Yes

Details of terrestrial and aquatic habitat management/maintenance shall be developed at detailed design and will be presented within the future licence application. Habitat management and maintenance will continue for the full 15 year design/assessment period (10 years is stated below, only because the form has no option for 15 years).

**NB: Details of site management and maintenance should be shown on FIG. E5.1. - see "H Sum & Figs" tab.  
Indicate which areas (including which ponds) the management and maintenance plan will apply to.**

State which of the following site maintenance operations will occur:

Checking for fish presence, and removal through appropriate methods	
Checking pond condition and remedial action as required	
Checking for and removal of dumped rubbish	
Reinstatement following fire, acute pollution or other major damage	



E - Mitign & compn

Repair or replace fences	
Maintain tunnel, underpass, guide fencing in good condition	
Repair or replace interpretation boards	
Other (state below)	Yes

Details of pond management/maintenance and underpass maintenance shall be determined at detailed design and will accompany the future licence application. Pond maintenance will continue for the full 15 year

State the period for which habitat management and maintenance plan will continue: **10 years**

**NOTE:** A separate, detailed plan must also be attached if

- (a) population size class is large and impacts are moderate-high,
- (b) regionally important population and impacts are moderate-high,
- (c) losses of > 2 breeding water bodies on site supporting medium size class population, or
- (d) phased or multi-plot developments.

If your proposal meets one of the above (a - d), confirm that such a document is attached:

Yes  No

Please note, if you have selected 'No', you are likely to receive a Further Information Request.

**E5.2** Post-development population monitoring (refer to Section 8.5.2 of the *Great crested newt mitigation guidelines* and advice at beginning of this template).

**NB: Details of ponds which will be monitored post development must be shown and referenced on FIG. E5.2. [see Sum & Figs. tab](#)**

**NB: It is the licensee's responsibility to ensure that post development monitoring is carried out and that remedial action is taken if compensation measures are failing.**

Is population monitoring required? Y/N **Yes**

[Please refer to table in the post development monitoring advice section](#)

If no, proceed to section E5.3

Indicate timing and type of post-development population monitoring:

Timing (years post-dev't): **4**

Type of monitoring: **Population size class (6 visits) + habitat assessment**

Specify which ponds will be monitored. Additionally, if your post-development monitoring proposals do not follow the GCNMG please provide your ecological justification below. Comments on monitoring period, methods or effort.

**Ponds A11 and A12. Monitoring in relation to medium population and medium impact.**

**NB: A Natural England mitigation licence will not confer rights of access to monitor water bodies or other habitats which lie outside the licensee's ownership. Permission/s should be granted prior to applying for a licence. Please see Declaration section in worksheet I.**

**E5.3 Site safeguard**

Mechanism(s) for site safeguard.

Is there a mechanism in place to secure site safeguard?.....  Yes  N/A

If N/A, please briefly explain why.

**Details of safeguard shall be secured as part of the DCO process and shall be presented within the future licence application.**

If yes, please confirm which apply to your scheme:

- i) Restrictive Covenant.....  Yes
- ii) Clause to relinquish future development rights in S106 agreement.....  Yes
- iii) NERC Act agreement.....  Yes
- iv) Explicit recognition of site in local planning documents.....  Yes
- v) Designation as County Wildlife Site or similar.....  Yes
- vi) other.....

Please confirm that the receptor site and mitigation and / or compensation land is free from future development.

E - Mitign & compn

Yes

No

Note : if you state 'No' your application will almost certainly be rejected; provide justification below.

**NOTE: A copy of any significant document, such as a Section 106 agreement, must be included with your application. It must be clear within any s106, or other legal document/agreement, where the specific reference to GCN is.**

**E6 Work Schedule**

Please complete a separate [Work Schedule for Great crested newt Annexed Licence](#), and submit with your application.

[Next section](#)

shall be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park

## F - Final post development Layout

F1 Final Post development Layout Figure F1 is required

**NB: Please show the final layout on FIG. F1. - see "H and list of figures" below. This must show the final development layout and include ponds, buildings, roads, GCN tunnels, other mitigation or compensation measures, etc.**

## G - Checklist of Documents, figures, maps and diagrams to include

You must provide maps, photographs and diagrams to adequately explain the mitigation plans. Use the checklist below to understand what is required for your application. All maps and figures must be included as individual files. Additional maps, photos or diagrams should be included where necessary.

Map / Figure guidance: Ensure each map / figures includes the following:

- Site name and figure reference
- Scale bar and Direction of North
- Date DD/MM/YYYY

## H - List of figures

Figure reference	Mandatory or not?	What it must show (also see details above on site reference, dating and naming).
<b>Figure B1.1</b> <input type="checkbox"/> Included	Yes, if the application is part of a phased or multi-plot development	<b>Masterplan map</b> showing the location of each individual phase or plot associated with the overall scheme. The phase to which the current application refers should be highlighted
<b>Figure B1.2</b> <input type="checkbox"/> Included	Yes, if there are other GCN mitigation projects nearby which might affect the target population	<b>Map to show location of other nearby GCN mitigation sites</b> to show development boundaries and compensation/mitigation areas.
<b>Figure C3.2a</b> <input checked="" type="checkbox"/> Included	Yes	<b>Survey map</b> to show development site location, survey area and ponds. The terrestrial and aquatic habitats described in sections C3.3 and C3.4 should also be shown. Indicate which ponds were found to support GCN, including specifying results of any eDNA sampling if relevant.
<b>Figure C3.2b</b> <input checked="" type="checkbox"/> Included	-	<b>Aerial photograph of site</b> for information only to help better inform the application.
<b>Photos C3.4</b> <input type="checkbox"/> Included	Yes	<b>Photographs</b> to show terrestrial and aquatic habitats on the development site and surrounding area (to include the receptor area).
<b>Figure D</b> <input checked="" type="checkbox"/> Included	Yes	<b>Impact map</b> to show the location and extent of the different habitat types to be temporarily and/or permanently lost/damaged (as detailed in section D of the Method Statement). Radii of 50, 250 and 500m around each GCN pond which will be impacted must be shown.
<b>Figure E2</b> <input checked="" type="checkbox"/> Included	Yes	Receptor site map to show the location of the receptor site(s) in relation to the development.
<b>Figure E3.1</b> <input checked="" type="checkbox"/> Included	Yes, if habitat creation, enhancement or restoration is proposed	Habitat measures map to show the location and extent of all terrestrial and aquatic habitat measures detailed in section E3 of the Method Statement).
<b>Figure E3.3</b> <input checked="" type="checkbox"/> Included	Yes, if measures to improve connectivity are proposed	Connectivity map to show the location of any measures employed to improve connectivity e.g. underpasses/tunnels, newt friendly traffic and /or drainage features (dropped kerbs/set-back gully pots) etc.

F-G-H Sum & Figs

<b>Figure E4a</b> <input checked="" type="checkbox"/> Included	Yes	Capture and exclusion map to show how GCNs will be cleared from the development site and prevented from entering during construction. A clear differentiation should be made between different types of amphibian fencing (e.g. permanent, temporary, perimeter, drift, ring, one-way etc). Direction of travel over one-way fences should also be shown.
<b>Figure E4b</b> <input type="checkbox"/> Included	Yes, if non-standard measures are proposed	Non-standard capture and exclusion measures – diagrams or photographs to show designs/specifications.
<b>Figure E5.1</b> <input checked="" type="checkbox"/> Included	Yes, if habitat management and maintenance is proposed	Post-development management and maintenance map to show the location and extent of the terrestrial and aquatic habitats to be managed and maintained in accordance with section E5.1 of the Method Statement. To include tunnels/underpasses/guide fencing if applicable. Ponds to be managed and maintained must be clearly referenced.
<b>Figure E5.2</b> <input checked="" type="checkbox"/> Included	Yes, if monitoring has been proposed	Post-development monitoring map to show, and reference, all of the waterbodies to be monitored (as detailed in section E5.2 of the Method Statement). To include tunnel/underpass/guide fencing if applicable.
<b>Figure F1</b> <input checked="" type="checkbox"/> Included	Yes	<b>Final development layout map</b> to show both the development layout (e.g. buildings, rail, roads) <u>and</u> all of the mitigation/compensation measures proposed (e.g. including ponds, tunnels, receptor areas)

**List of documents**

Document		Mandatory or not?
Completed application form	<input checked="" type="checkbox"/> Included	Yes
Completed method statement template	<input checked="" type="checkbox"/> Included	Yes
Completed work schedule	<input checked="" type="checkbox"/> Included	Yes
Figures - as stated above	<input checked="" type="checkbox"/> Included	Yes
Separate Masterplan document	<input type="checkbox"/> Included	Yes - if part of a phased or multi-plot development
Separate Habitat Management and Maintenance Plan	<input type="checkbox"/> Included	Yes - if: (a) population size class is large and impacts are moderate-high, or (b) regionally important population and impacts are moderate-high, or (c) losses of > 2 breeding water bodies on site supporting medium size class population, or (d) phased or multi-plot developments.

List any other maps, photographs or diagrams attached:

[Next Section](#)

*be confirmed within the future licence application.: A1 in Northumberland: Morpeth to Felton - Burgham Park*

**I - Declarations**

Yes  N/A Re: E2: I confirm that relevant landowner consent/s has/have been granted to accept great crested newts onto land outside the applicant's ownership.

Yes  N/A Re: E3.1 and E3.2 – I confirm that landownership consent/s has/have been granted to allow the creation of the proposed habitat compensation (aquatic or terrestrial) on land outside the applicant's ownership.

Yes  N/A Re: E5.2 – I confirm that consent/s has/have been granted by the relevant landowner/s for monitoring and maintenance purposes, as set out in E5.2, on land outside the applicant's ownership.

Yes  N/A RE: E5.1 and E5.2 - I, the applicant, confirm that all habitat management, maintenance and monitoring detailed in section 5, and accompanying documents, will be undertaken.

**Unsecured consents statement:**

If you have been unable to secure consents for any of the four declarations please explain why and detail any plans you have in place to obtain the consent(s) or provide details of any right(s) or agreement(s) that will enable the lawful implementation of the proposed mitigation, compensation and monitoring. Important Note: Failure to provide the appropriate landowner consents means that the Method Statement is unlikely to meet the requirements for the FCS test to be met. It is therefore in your interest to ensure that the appropriate consents have been secured before applying for a licence.

Declarations shall be confirmed within the future licence application.

[Return to beginning](#)

## **Draft Great Crested Newt Licence**

**A1 in Northumberland: Morpeth to Felton – Burgham Park**

# **WORK SCHEDULE**

**WML-A14-E6a&E6b – WORK SCHEDULE FOR GREAT CRESTED NEWT  
ANNEXED LICENCES**



**Site name and address (as stated on the application form or licence granted): A1 in Northumberland: Morpeth to Felton - Burgham Park**

Please ensure that the work schedules E6a and E6b are S.M.A.R.T and appropriate timescales are provided for each activity, to fit with order of events. Complete these schedules to show timings for all major categories of work (mitigation and compensation measures), and to show the main construction period. The most common activities are listed here, and you can add up to 6 more if needed. Leave blank if not applicable. Enter timing by stating **start and end dates, to nearest month and year** (see first line for example). Enter comments if you need to clarify timings. For very complex schemes (e.g. high impact or phased development schemes) if additional lines are needed please do add in. This work schedule will form part of any annexed licence.

<b>PLEASE INCLUDE DATE OF SUBMISSION (e.g. 1 January 2016).</b> This will be referenced in the licence →		
<b>E6a) Pre, mid and post-development (other than monitoring, management and maintenance)</b>		
<b>Activity</b>	<b>Timing</b>	<b>Comments</b>
<i>Example: Receptor site pond creation</i>	<i>Nov-15 to Dec-15</i>	<i>Also plant pond up with native species in January 2016</i>
Receptor site pond creation	N/A	N/A
Receptor site pond enhancement or restoration	N/A	N/A
Receptor site terrestrial hab works - general e.g. reseedling, hedge planting	N/A	None required. Receptor site includes pond A11 and adequate suitable GCN terrestrial habitat away from the Scheme.
Receptor site terrestrial hab works - features e.g. hibernacula, refuges	July 2021 to October 2021 OR April 2022 to October 2022	None required for receptor site as this includes pond A11 and adequate suitable GCN terrestrial habitat away from the Scheme. Hibernacula within ring-fenced area encompassing A12 to be



		undertaken prior to installation of ring-fence and trapping commencing. Range in timing to provide flexibility in scheduling. All timeframes would be confirmed during detailed design and present in the future licence application.
Construction of permanent fences/walls	N/A	N/A
Construction of underpass/tunnel/culvert (and installation of 'guide' fencing)	October 2021 to December 2023	Underpass to be installed during construction period. Only required to facilitate access between pond A11/A12 and New Ponds 1 and 2.
Newt fence installation (to include drift or ring fencing if applicable – specify which)	July 2021 to August 2021 OR April 2022 to October 2022	Includes temporary exclusion fencing and ring-fencing of A12. Completed outside dormancy periods and under ecological supervision. Range in timing to provide flexibility in scheduling. All timeframes would be confirmed during detailed design and present in the future licence application.
Newt capture (pitfall trapping etc - outside hibernation/dormancy periods only)	August 2021 to October 2021 OR April 2022 to October 2022	60 day trapping period, continued until 5 GCN clear days achieved. If works are not completed during the 2021 period, allowance in timing made to continue in 2022. All timeframes would be confirmed during detailed design and presented in the future licence application.
Pond draining and pond destruction (please indicate when each will occur)	N/A	N/A
Hand searches	October 2021 OR April 2022 to October 2022	Completed during exclusion and translocation period (any refugia on site) and following, prior to construction period. Five days following trapping period allocated. All timeframes would be confirmed during detailed design and

		presented in the future licence application.
Destructive searches (following completion of all other capture efforts)	September 2021 to October 2021 OR April 2022 to October 2022	Completed prior to construction within Development Site commencing. Five days following trapping period allocated. All timeframes would be confirmed during detailed design and presented in the future licence application.
Construction period (start and end dates)	October 2021 to December 2023	Construction dates will be dependant on the NSIP process and likely to be subject to change. All timeframes would be confirmed during detailed design and presented in the future licence application.
Site checks & maintenance during construction	July 2021 to December 2023	At least daily checks by site staff and regular monitoring checks by Named Ecologist or appointed Accredited Agent. A final check of the Development Site will be undertaken on completion of construction by the Named Ecologist or their Accredited Agent. All timeframes would be confirmed during detailed design and presented in the future licence application.
Drift fence removal (not to be undertaken during hibernation/dormancy periods)	N/A	N/A
Newt fence removal (not to be undertaken during hibernation/dormancy periods)	October 2021 to January 2024	Following completion of construction within Development Site. Construction dates will be dependant on the NSIP process and likely to be subject to change. All timeframes would be confirmed during detailed design and presented in the future licence

		application.
Ring fence removal (not to be undertaken during the hibernation/dormancy periods)	October 2021 to January 2024	Following completion of construction within Development Site. Construction dates will be dependant on the NSIP process and likely to be subject to change. All timeframes would be confirmed during detailed design and presented in the future licence application.
Habitat reinstatement (for temporary impact schemes only)	December 2023 onwards	It is assumed that landscape reinstatement or restoration would be undertaken following construction. However, a detailed programme of construction along the length of the Scheme is not currently available. All timeframes would be confirmed during detailed design and presented in the future licence application.
Post construction mitigation/compensation on dev't site or other (provide details)	December 2023 to December 2038	Details of terrestrial habitat, pond and underpass management/maintenance shall be developed at detailed design and will be presented within the future licence application. Habitat management and maintenance will continue for the full 15 year design/assessment period.

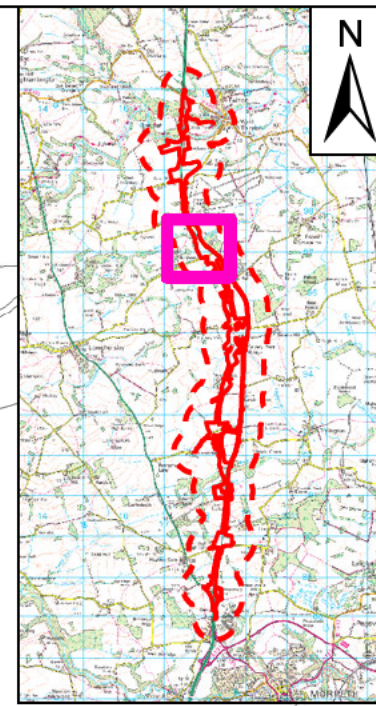
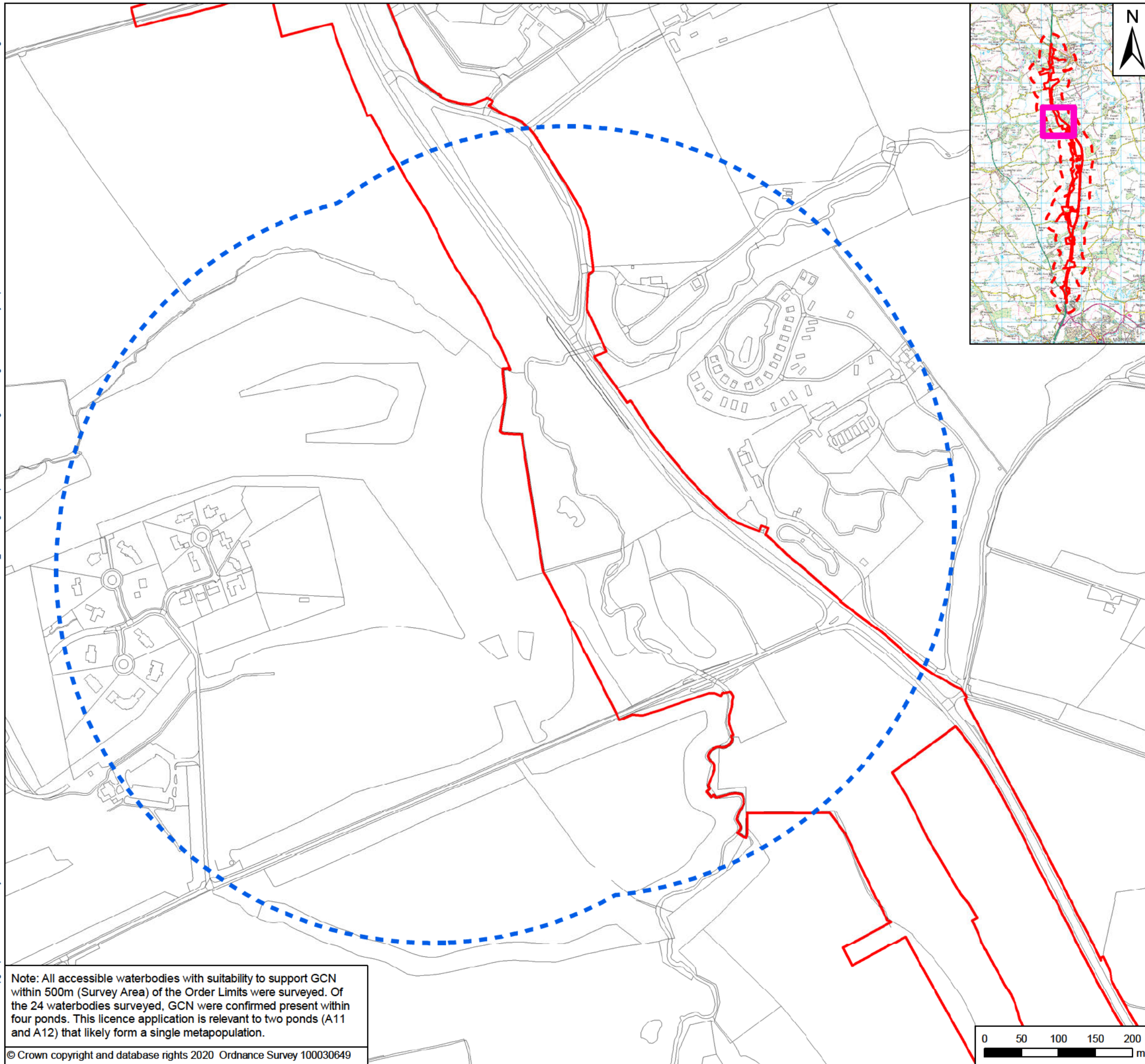
**E6b) Post-development works - type a "Y" where each activity will occur for a given year and leave blank for no activity.**

Year:	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Population monitoring									Y	Y	Y	Y
Habitat management									Y	Y	Y	Y
Site maintenance									Y	Y	Y	Y
Year:	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Population monitoring												
Habitat management	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Site maintenance	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	

## **Draft Great Crested Newt Licence**

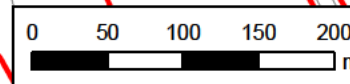
### **A1 in Northumberland: Morpeth to Felton – Burgham Park**

# **FIGURES**



- Key**
- Order Limits
  - Survey Area - Scheme plus 500m
  - Areas Excluded from Order Limits
  - 500m around GCN ponds
  - Pond with Low Population of GCN
  - Pond with Medium Population of GCN
  - Pond with High Population of GCN
  - GCN Absent

Note: All accessible waterbodies with suitability to support GCN within 500m (Survey Area) of the Order Limits were surveyed. Of the 24 waterbodies surveyed, GCN were confirmed present within four ponds. This licence application is relevant to two ponds (A11 and A12) that likely form a single metapopulation.



P01	15/01/20	First Issue	GH	JF	KS
Rev	Date	Description	By	Chk'd	App'd

Client

Project Title: A1 in Northumberland: Morpeth to Felton

Drawing Title: Figure C3.2a - Survey Map

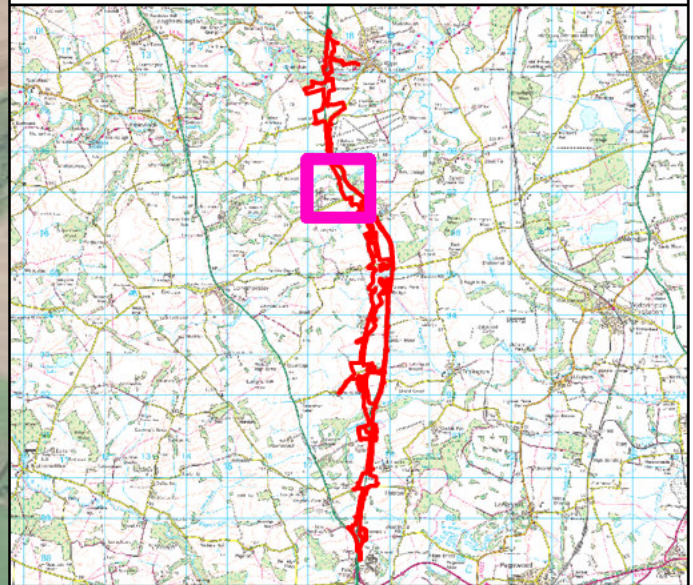
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A3	15/01/20	15/01/20	15/01/20	15/01/20

Drawing Status: For Information  
Suitability: S1

Drawing Number	Originator	Volume	Project Ref. No.
HE551459	WSP	6.3	70044136
M2F	Type	Role	Number
Location			P01



Key	
	Order Limits
	Areas Excluded from Order Limits
	Pond with Low Population of GCN
	Pond with Medium Population of GCN
	Pond with High Population of GCN
	500m around GCN ponds



Rev	Date	Description	By	Chk'd	App'd
P01	15/01/20	First Issue	GH	JF	KS

Client

Project Title: A1 in Northumberland: Morpeth to Felton

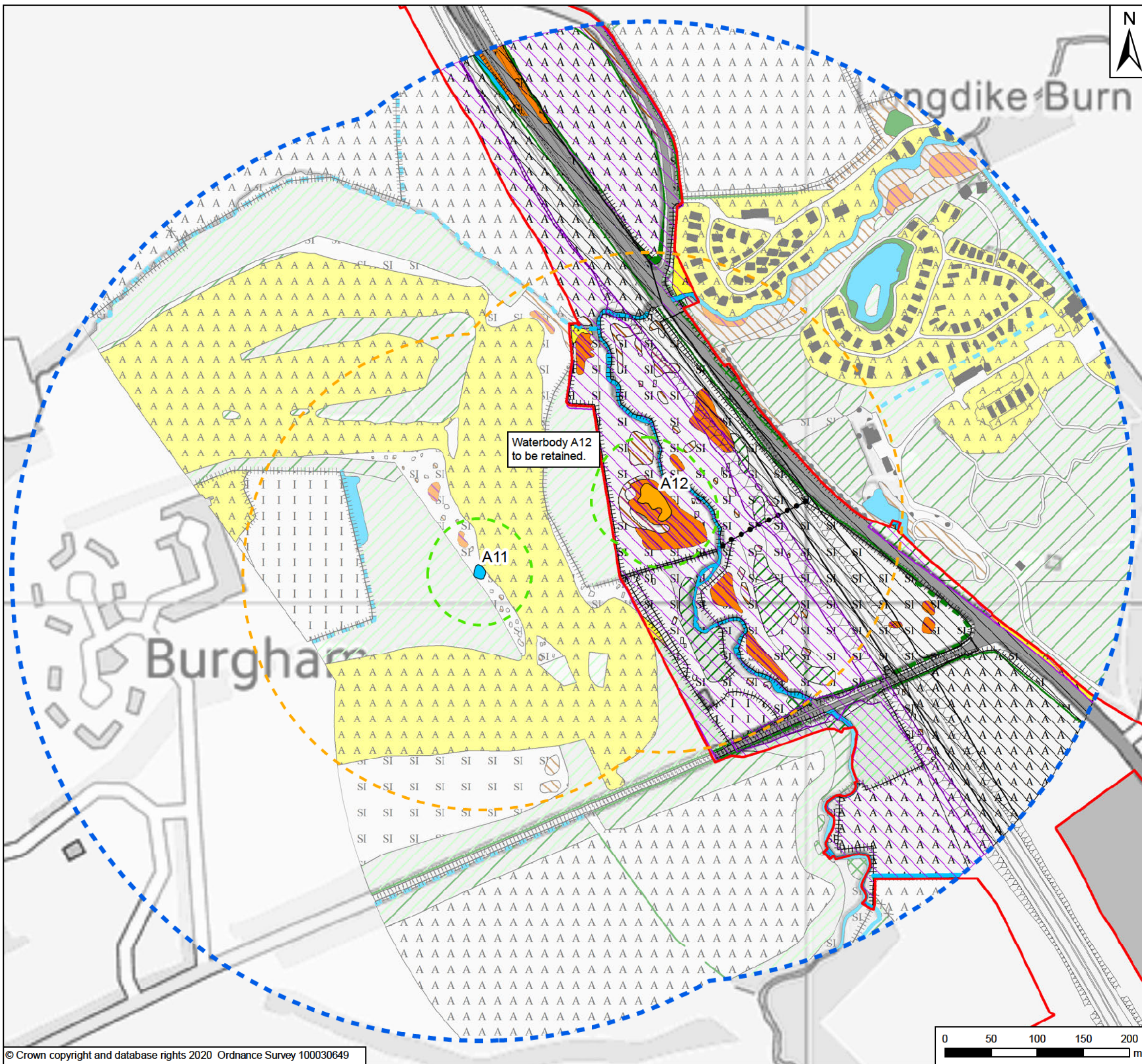
Drawing Title: Figure C3.2b - Aerial Photograph of Site

Scale	Drawn	Checked	Approved	Authorised
1:5,000	GH	JF	KS	DM
Original Size	Date	Date	Date	Date
A3	15/01/20	15/01/20	15/01/20	15/01/20

Drawing Status: For Information  
Suitability: S1

Drawing Number HE551459	Project	Originator WSP	Volume 6.3	Project Ref. No. 70044136
M2F Location	Type	Role	Number	Revision P01





**Key**

- Order Limits
- Pond with Low Population of GCN
- Pond with Medium Population of GCN
- Impact Radii
  - 50m around GCN ponds
  - 250m around GCN ponds
  - 500m around GCN ponds
- Temporary habitat loss
- Permanent habitat loss
- Phase 1 Polygons
  - Broadleaved woodland - semi-natural
  - Broadleaved woodland - plantation
  - Coniferous woodland - plantation
  - Mixed woodland - plantation
  - Scrub - dense/continuous
  - Neutral grassland - semi-improved
  - Improved grassland
  - Marsh/marshy grassland
  - Poor semi-improved grassland
  - Other tall herb and fern - ruderal
  - Standing water
  - Hard standing
  - Cultivated/disturbed land - arable
  - Cultivated/disturbed land - amenity grassland
  - Buildings
  - Bare ground
- Phase 1 Polylines
  - Running water
  - Intact hedge - species-poor
  - Defunct hedge - species-poor
- Other symbols:
  - Fence
  - Dry ditch
  - Boundary removed
  - Earth bank

Waterbody A12 to be retained.

A11

A12

Burgham

Angdike Burn

PD1	15/01/20	First Issue	GH	JF	KS
Rev	Date	Description	By	Chk'd	App'd

Client

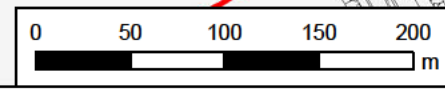
Project Title: A1 in Northumberland: Morpeth to Felton

Drawing Title: Figure D - Impacts Plan

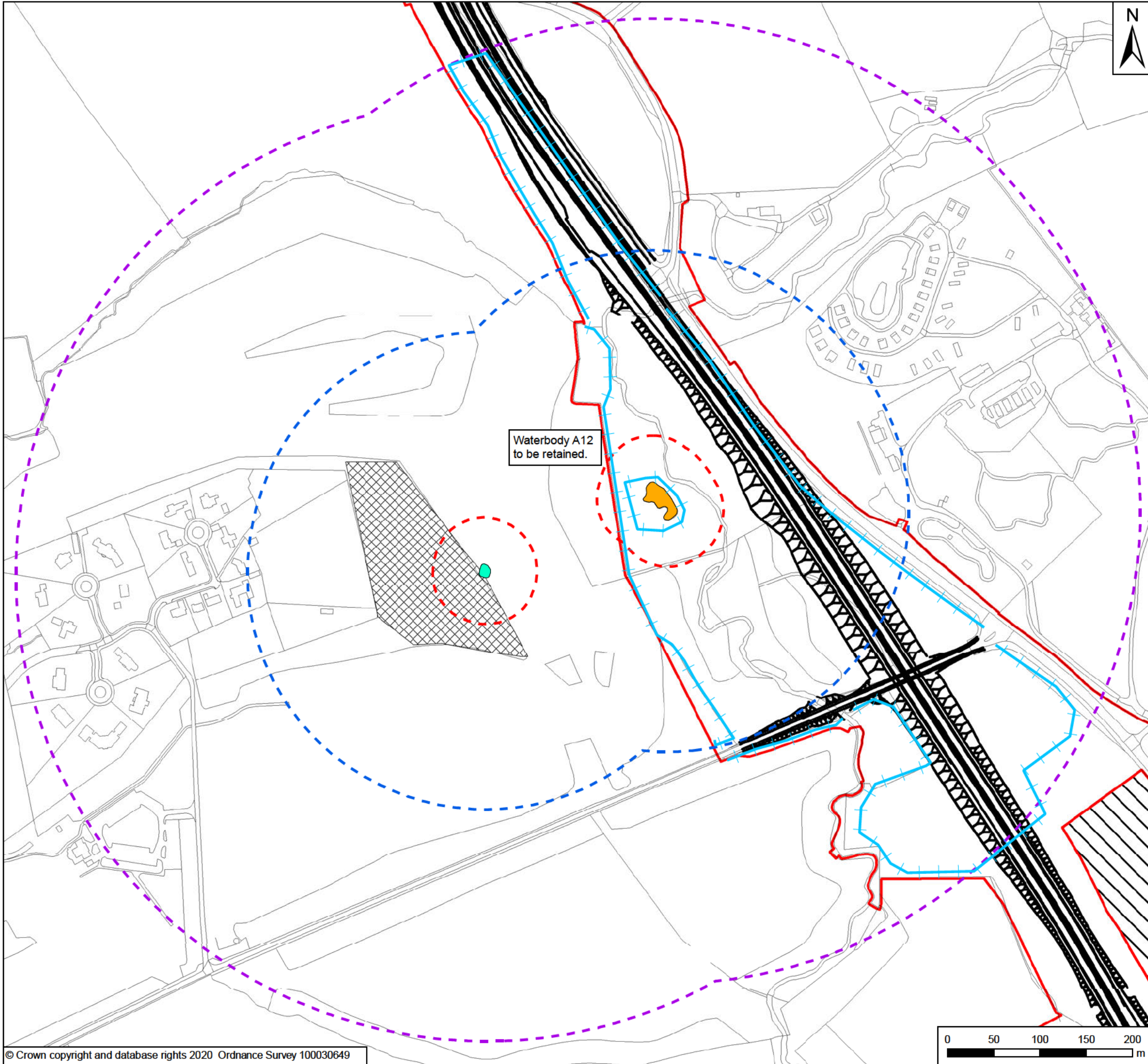
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Drawing Status: For Information Suitability: S1

Drawing Number	HE551459	Originator	WSP	Volume	6.3	Project Ref. No.	70044136
Location	M2F	Type		Role		Revision	P01







Key	
	Order Limits
	Areas Excluded from Order Limits
	General Arrangement
	Exclusion fencing
	Pond with Low Population of GCN
	Pond with Medium Population of GCN
Impact Radii	
	50m around GCN ponds
	250m around GCN ponds
	500m around GCN ponds
	Receptor Site

Rev	Date	Description	By	Chk'd	App'd
P01	15/01/20	First Issue	MV	JF	EH

Client

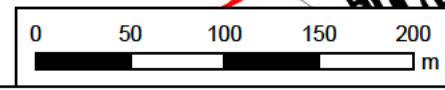
Project Title: A1 in Northumberland: Morpeth to Felton

Drawing Title: Figure E2 - Receptor Site Map

Scale	Drawn	Checked	Approved	Authorised
1:4,000	MV	JF	PA	DM
Original Size	Date	Date	Date	Date
A3	15/01/20	15/01/20	15/01/20	15/01/20

Drawing Status: For Information Suitability: S1

Drawing Number: HE551459	Project Originator: WSP	Volume: 6.3	Project Ref. No.: 70044136
M2F Location	Type	Role	Number: P01





- Key**
- Order Limits
  - OS Mastermap
  - Areas Excluded from Order Limits
  - General Arrangement
  - Pond with Low Population of GCN
  - Pond with Medium Population of GCN
- Impact Radii**
- 50m around GCN ponds
  - 250m around GCN ponds
  - 500m around GCN ponds
- Receptor Site
  - Arable Field Margins
  - Proposed Woodland
  - Proposed Trees
  - Existing Woodland
  - Proposed Ponds
  - Proposed Hedgerow
  - Existing Hedgerows
  - Hibernacula
  - Refugia

White areas within the Order Limits are assumed to be retained/reinstated habitat.

Rev	Date	Description	By	Chk'd	App'd
P01	15/01/20	First Issue	MV	JF	EH



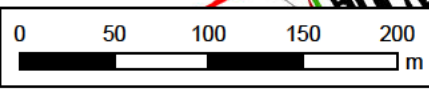
Project Title: A1 in Northumberland: Morpeth to Felton

Drawing Title: Figure E3.1 - Habitat Measures Map

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Original Size	Date	Date	Date	Date
A3	15/01/20	15/01/20	15/01/20	15/01/20

Drawing Status: For Information Suitability: S1

Drawing Number Project HE551459	Originator WSP	Volume 6.3	Project Ref. No. 70044136
M2F Location	Type	Role	Number P01





**Key**

- Order Limits
- Areas Excluded from Order Limits
- General Arrangement
- Pond with Low Population of GCN
- Pond with Medium Population of GCN

**Impact Radii**

- 50m around GCN ponds
- 250m around GCN ponds
- 500m around GCN ponds

- Receptor Site
- Amphibian Underpass
- Arable Field Margins
- Proposed Woodland
- Proposed Trees
- Existing Woodland
- Proposed Ponds
- Proposed Hedgerow
- Existing Hedgerows
- Hibernacula
- Refugia

White areas within the Order Limits are assumed to be retained/reinstated habitat.

Rev	Date	Description	By	Chk'd	App'd
P01	15/01/20	First Issue	MV	JF	EH



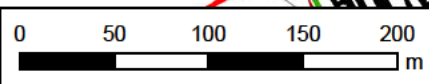
Project Title: A1 in Northumberland: Morpeth to Felton

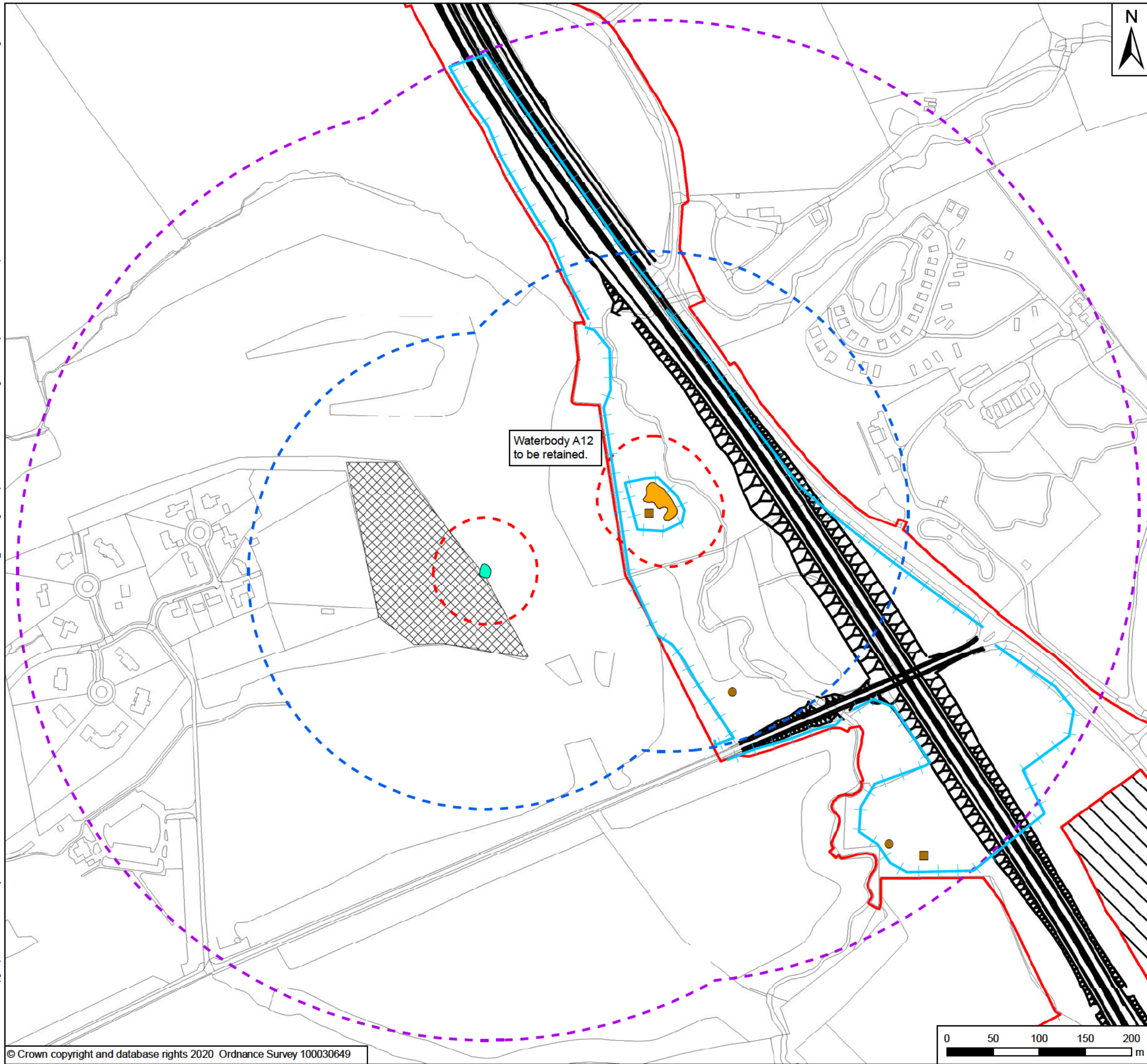
Drawing Title: Figure E3.3 - Connectivity Map

Scale	Drawn	Checked	Approved	Authorised
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Original Size	Date	Date	Date	Date
A3	15/01/20	15/01/20	15/01/20	15/01/20

Drawing Status: For Information Suitability: S1

Drawing Number Project HE551459	Originator WSP	Volume 6.3	Project Ref. No. 70044136
M2F Location	Type	Role	Number P01





**Key**

- Order Limits
- Areas Excluded from Order Limits
- General Arrangement
- Temporary Exclusion Fencing
- Pond with Low Population of GCN
- Pond with Medium Population of GCN


**Impact Radii**

- 50m around GCN ponds
- 250m around GCN ponds
- 500m around GCN ponds

- Receptor Site
- Hibernacula
- Refugia

Rev	Date	Description	By	Chk'd	App'd
P01	15/01/20	First Issue	MV	JF	EH

Client



Project Title: A1 in Northumberland: Morpeth to Felton

Drawing Title: Figure E4a - Capture and Exclusion Map

Scale	Drawn	Checked	Approved	Authorised
1:4,000	MV	JF	PA	DM
Original Size	Date	Date	Date	Date
A3	15/01/20	15/01/20	15/01/20	15/01/20

Drawing Status: For Information Suitability: S1

Drawing Number Project HE551459	Originator WSP	Volume 6.3	Project Ref. No. 70044136
M2F Location	Type	Role	Number P01



- Key**
- Order Limits
  - Areas Excluded from Order Limits
  - General Arrangement
  - Pond with Low Population of GCN
  - Pond with Medium Population of GCN
- Impact Radii**
- 50m around GCN ponds
  - 250m around GCN ponds
  - 500m around GCN ponds
- Receptor Site
  - Amphibian Underpass
  - Arable Field Margins
  - Proposed Woodland
  - Proposed Trees
  - Existing Woodland
  - Proposed Ponds
  - Proposed Hedgerow
  - Existing Hedgerows
  - Hibernacula
  - Refugia

Habitat and underpass management would relate to land within the Order Limits. Details of terrestrial habitat, aquatic habitat and underpass management/maintenance shall be developed at detailed design and will be presented within the future licence application. Habitat management and maintenance will continue for the full 15 year design/assessment period.

White areas within the Order Limits are assumed to be retained/reinstated habitat.

Rev	Date	Description	By	Chk'd	App'd
P01	15/01/20	First Issue	MV	JF	EH

Client

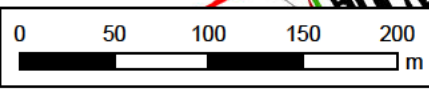
Project Title: A1 in Northumberland: Morpeth to Felton

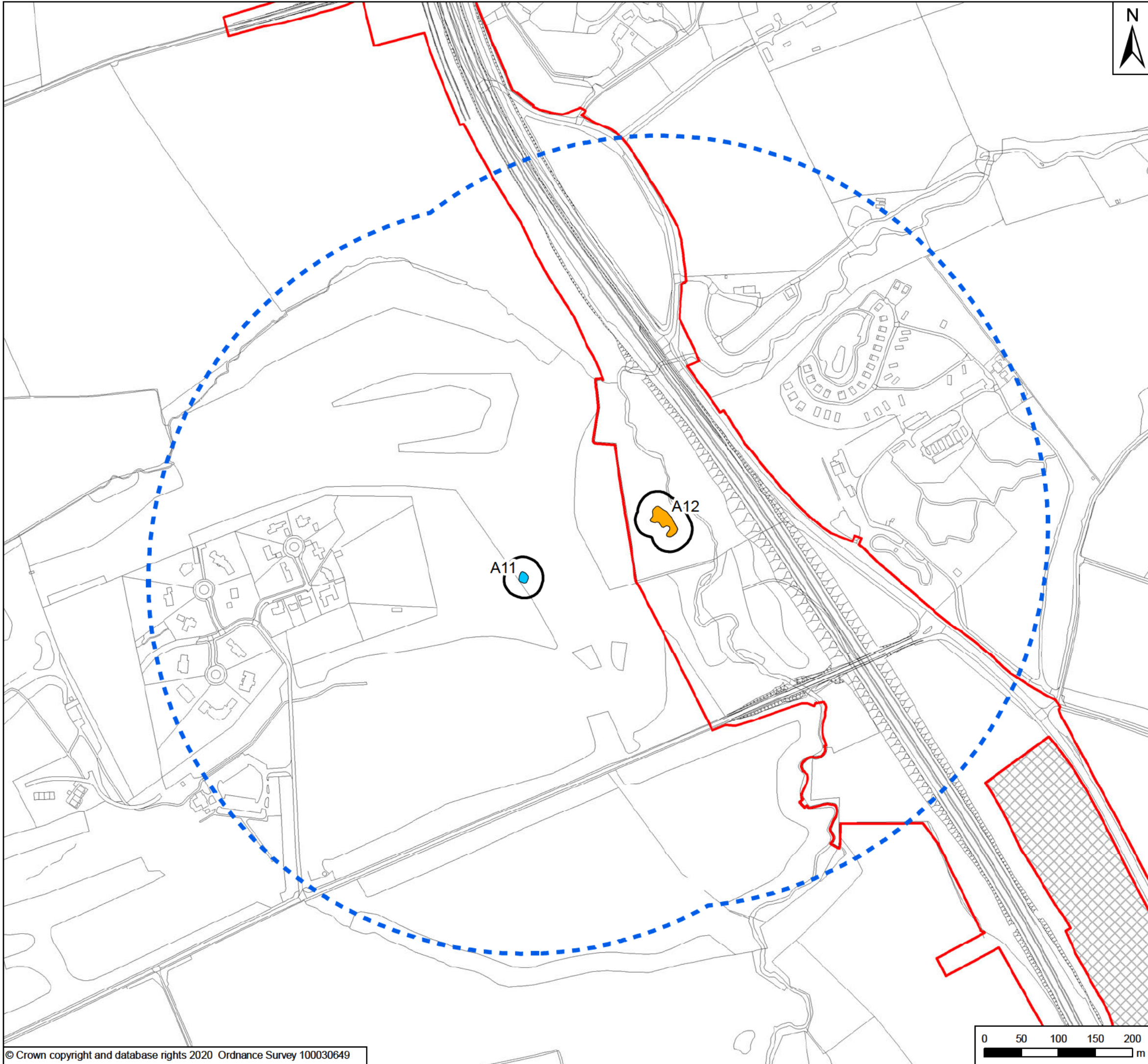
Drawing Title: Figure E5.1 - Post-Development Management and Maintenance Map

Scale	Drawn	Checked	Approved	Authorised
1:4,000	MV	JF	PA	DM
Original Size	Date	Date	Date	Date
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Drawing Status: For Information Suitability: S1

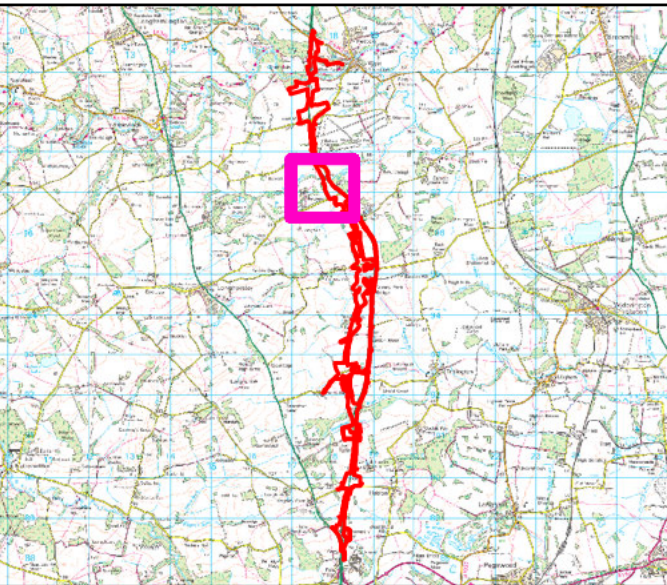
Drawing Number: HE551459	Project Originator: WSP	Volume: 6.3	Project Ref. No.: 70044136
M2F	Location	Type	Role
		Number	Revision: P01





- Key**
- Order Limits
  - Development Site – 500m around GCN ponds
  - Positive eDNA
  - Negative eDNA
  - Pond with Low Population of GCN
  - Pond with Medium Population of GCN
  - Pond with High Population of GCN

Monitoring to be appropriate to medium population and medium impact. Population size class assessment for four years post-development.



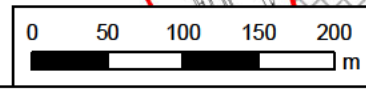
Rev	Date	Description	By	Chk'd	App'd
P01	15/01/20	First Issue	GH	JF	KS

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Project Title: A1 in Northumberland: Morpeth to Felton

Drawing Title: Figure E5.2 - Post-Development Monitoring Map

Scale	Drawn	Checked	Approved	Authorised
1:5,000	GH	JF	KS	DM
Original Size	Date	Date	Date	Date
A3	15/01/20	15/01/20	15/01/20	15/01/20
Drawing Status	For Information			Suitability
				S1
Drawing Number	Project	Originator	Volume	Project Ref. No.
HE551459		WSP	6.3	70044136
Location	Type	Role	Number	Revision
M2F				P01





**Key**

- Order Limits
- Areas Excluded from Order Limits
- General Arrangement
- Exclusion fencing
- Pond with Low Population of GCN
- Pond with Medium Population of GCN

**Impact Radii**

- 50m around GCN ponds
- 250m around GCN ponds
- 500m around GCN ponds

- Receptor Site
- Amphibian Underpass
- Arable Field Margins
- Proposed Woodland
- Proposed Trees
- Existing Woodland
- Proposed Ponds
- Proposed Hedgerow
- Existing Hedgerows
- Hibernacula
- Refugia

White areas within the Order Limits are assumed to be retained/reinstated habitat.

Rev	Date	Description	By	Chk'd	App'd
P01	15/01/20	First Issue	MV	JF	EH

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Project Title: A1 in Northumberland: Morpeth to Felton

Drawing Title: Figure F1 - Final Development Layout Map

Scale	Drawn	Checked	Approved	Authorised
1:4,000	MV	JF	PA	DM
Original Size	Date	Date	Date	Date
A3	15/01/20	15/01/20	15/01/20	15/01/20

Drawing Status: For Information  
Suitability: S1

Drawing Number Project HE551459	Originator WSP	Volume 6.3	Project Ref. No. 70044136
M2F Location	Type	Role	Number P01

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