



April 2011

EVOLUTION OF RECYCLING AND COMPOSTING FACILITY, RIVENHALL

Application for a Great Crested Newt Development Licence - Application for a Licence

Submitted to:
Natural England
Wildlife Licensing Unit
First Floor
Temple Quay House
2 The Square
Bristol
BS1 6EB

REPORT



Report Number. 11514940016.501/v.B.0

Distribution:

Natural England - 1 copy
Gent Fairhead Co Ltd - 1 copy (+ 1 pdf)
Golder Associates (UK) Ltd - 1 copy



Application for a Licence – Great Crested Newts

- If completing by hand, please complete this application form using **dark ink** and BLOCK CAPITALS. You can complete this form on screen and save it.
- Please ensure that you answer questions fully in order to avoid delays. The completed application should be sent to Natural England (details on right).
- If you experience any problems filling in this form, please contact the Wildlife Licensing Unit.
- **Please note that a completed application consists of this form, a Method Statement, a Reasoned Statement and supporting documentation.** Our guidance note WML-G12 [How to get a licence](#) provides detailed information to help you understand the licensing process and the information you need to provide in order to get a licence.
- Natural England will determine whether a licence should be issued within 30 days of receipt of all necessary information.

Wildlife Licensing Unit
Natural England
Burghill Road,
Westbury-on-Trym
Bristol BS10 6NJ
T. 0845 601 4523
F. 0845 601 3438
E. eps.mitigation@naturalengland.org.uk

For Office Use Only

Case Ref No:

Charter Deadline:

The Conservation of Habitats and Species Regulations 2010 fully protect Great crested newts and their breeding sites, making it an **offence to *deliberately* kill, injure or capture (take) Great crested newts; to *deliberately* disturb Great crested newts; damage or destroy Great crested newt breeding places or resting places; possess or transport a great crested newt or any part of a Great crested newt; sell (or offer for sale) or exchange Great crested newts or parts of Great crested newts.**

Please use this application form if you wish to undertake works/activities that would affect Great crested newts and would involve one or more of the following; capture, disturbance, transport and/or damage/destroy the breeding sites or resting places of Great crested newts.

Under Regulation 53(2)(e-g) & 53(9)(a-b) of The Conservation of Habitats and Species Regulations 2010, Natural England, under powers conferred by the Secretary of State, has authority to issue licences for the following purposes:

- **Preserving public health or public safety** or other **imperative reasons of overriding public interest** including those of a social or economic nature and beneficial consequences of primary importance for the environment;
- **Preventing the spread of disease;**
- **Preventing serious damage** to livestock, foodstuffs for livestock, crops, vegetables, fruit, growing timber or any other forms of property or to fisheries; to allow people to carry out activities which would otherwise be illegal;

Provided that:

- There is **no satisfactory alternative**; *and*
- The action authorised **will not be detrimental to the maintenance of the population of the species concerned at a favourable conservation status** in their natural range.

Part A. The Applicant (the Developer or Landowner): Personal Details

These questions relate to the person who will be the **named licensee**.

As the licensee you will be responsible for ensuring compliance with the licence and its conditions.

A1. Name of Applicant			
Title	Mr	Company Name	Gent Fairhead & Co. Ltd
Forename(s)		Business Title	
Surname			
Address	Court of Noke		
Town	Pembridge		
County	Herefordshire	Postcode	HR6 9HW
Tel number		Mobile number	
Fax number		Email address	
If you would like us to acknowledge receipt of this application, please tick ONE of the following boxes to indicate your preferred method:			
Email	<input type="checkbox"/>	Telephone	<input type="checkbox"/>
		Fax	<input type="checkbox"/>
		Letter	<input type="checkbox"/>
Please tick to confirm if you are content to receive correspondence (including any licence) by email			<input type="checkbox"/>

Part B. The Ecologist: Personal Details / Experience

These questions relate to the person acting on behalf of the developer/landowner and who will be responsible for delivering specific elements of any licence granted in respect of the capture or disturbance of Great crested newts, including the overseeing of exclusion works and mitigation.

B1. Name of Ecologist			
Title	Mr	Company Name	Golder Associates (UK) Ltd
Forename(s)	Ian James	Business Title	Senior Ecologist
Surname	Fairclough		
Professional Memberships	MIEEM	(e.g. IEEM, IEMA, IES.) <i>For communications purposes</i>	
Address	Cavendish House, Bourne End Business Park		
	Cores End Road		
Town	Bourne End		
County		Postcode	SL8 5AS
Tel number		Mobile number	07971250085
Fax number		Email address	jfairclough@golder.com

B2. Previous Licence Experience					
Have you <i>held or been named on a licence in the past three years for Great Crested Newts and in relation to a project of a similar scale, methodology and mitigation</i> , issued by any of the following authorities: <i>Please note: survey licences alone are not sufficient as experience for this application type.</i>					
If YES , please give your last mitigation licence case reference (EPSM No) (and the licence (WLF) number if your documents included one) and the year the licence was issued.					
Natural England <input type="checkbox"/>		Defra <input type="checkbox"/>		Other (CCW / SNH) <input type="checkbox"/>	
				Please state: <input type="text"/>	
Case Ref:	EPSM <input type="text"/>	Licence Number:	WLF <input type="text"/>	Year of issue:	<input type="text"/>
If NO , please complete Section B3 below.					

B3. Experience, Qualifications & References <i>Click this link for more guidance.</i> http://www.naturalengland.org.uk/Images/wmlg05_tcm6-4115.pdf					
To be completed by Ecologists who have either: <ul style="list-style-type: none"> not held a Great crested newt mitigation licence previously or within the last three years, have not been named as the Ecologist responsible for undertaking the work on a licence. 					
Survey Licence Number:	20094215	Number of years licence held.	2		
My survey licence permits me to undertake the following (tick the relevant boxes):					
<ul style="list-style-type: none"> Bottle Trap Net Hand Search Torch Search Pitfall Trap Disturb & Take 		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>			
Please provide brief details of your current science, education and conservation Great crested newt licence.					
Since 1999, I have been actively involved in great crested newt / amphibian conservation in both a professional (consultancy) and voluntary capacity.					
My earliest involvement with great crested newts was as an accredited agent under David Bentley's licence. This involved surveys (bottle trapping, egg searches, refugia searches, torching and netting) and mitigation (fingertip destructive searches, pitfall trap searches, night-time torch surveys, fence repairs and removal) on a variety of schemes in north west England between 1999 and 2004.					
In 2004, I started work at Golder Associates (UK) Ltd. During this time I have been involved in over 20 projects involving surveys for great crested newts across over 300 ponds. I have also been involved in 9 development projects involving great crested newts, for which I have played a key role in preparation or review of licence applications and management plans. In terms of on-site delivery of mitigation I have provided Ecological Clerk of Works / Accredited Agent duties in capture release programmes, destructive and fingertip searches and habitat creation (terrestrial and aquatic).					
Please give brief details of your experience on Great crested newt mitigation projects, stating their type and scale, and in what capacity you acted (e.g. accredited agent). Any reference to licensed works should include the site name and number of that licence and the type of mitigation involved. Please ensure you provide evidence of your experience/competence with Great crested newt capture methods (e.g. bottle traps, pitfall traps) and habitat creation/restoration.					
I have worked on six licence applications that have involved the capture and/or exclusion of great crested newts.					
Accredited agent:					

- M62 Junction 6 Improvements WLF 024297 (application preparation, survey, fence installation, trap out, destructive and fingertip searches, habitat creation)
- Eye Landfill: EPSL 30112B (application preparation, survey, fence installation, trap out, destructive and fingertip searches, habitat creation)
- Hartlebury: EPSM 1009-1112 (application review, survey, fence installation, destructive and fingertip searches, habitat creation)
- Bicester: EPSM 2010-1632B (fence installation, destructive and fingertip searches, habitat creation)

Extensive input:

- Mappleton Grove EPSM 2009-1073B (application preparation, advisory)
- Wentworth EPSM 2009-712B (application preparation, advisory)

As an example of my involvement in great crested newt licencing, I am an accredited agent under the (ongoing) mitigation licence to translocate great crested newts at the Biffa Waste Services Ltd landfill site in Eye, Cambridgeshire (EPSL 30112B). For the Eye Landfill project, I have been the lead ecologist for the design, construction, management and monitoring of an 11 hectare area to compensate for development related impacts to features of conservation interest, including a population of great crested newts. I have supervised wetland habitat creation, monitored the great crested newt population, monitored mitigation features (e.g. fencing) and advising Biffa of any ongoing work that is required to ensure compliance with the licence.

Qualifications, including any Continuing Professional Development (CPD) training relevant to Great crested newts.

Training Given:

- Golder Skillshare Workshop (2008 – 2010). A two-day in-house training event focussed on protected species survey and mitigation. This frequently features both outdoor and classroom learning relating to great crested newts.
- May to June 2010. Provided 9 days of training in association with the Oxford Amphibian and Reptile Group and the Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust. This involved training local natural history enthusiasts on survey techniques and identification skills for amphibians across five sites in Oxfordshire.
- February 2011. A three-day course to professional ecologists on 'Great crested newts, licencing and mitigation' in association with Amphibian and Reptile Conservation, held at Preston Montford Field Studies Centre, Shropshire.
- January 2010. A three-day course to professional ecologists on 'Great crested newts, licencing and mitigation' in association with Amphibian and Reptile Conservation, held at Preston Montford Field Studies Centre, Shropshire.

Training Received:

- IEEM Seminar (March, 2010) - Great Crested Newts: An Approach for the Future (Licencing and Mitigation in South East England).
- Amphibian survey: Lancashire Wildlife Trust (2001) – Training provided by Rick Parker.

References: You will need to enclose two independent, written references (originals only, not photocopies). We may contact these referees to verify their statements.

- These should vouch for your suitability and competence to prepare and deliver Great crested newt mitigation projects.
- They should state how long referees have known you and in what capacity.
- They should provide details of your mitigation experience for Great Crested newts.
- They should provide details of the referees' own Great crested newt mitigation experience and mitigation licences held (if appropriate): at least one referee must have held a Great crested newt mitigation licence within the last three years.

Tick here to confirm two independent references are attached?



B4. Accredited Agents

Do you propose to employ accredited agents?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
It is for you to ensure that anyone you employ has suitable experience or will receive suitable training to enable them to act under this licence.		

Part C. The Application

C1. Location of proposed licensed action			
Site Name	Rivenhall Airfield		
Site Address	Silver End		
Town	Braintree		
County	Essex	Postcode	n/a
O.S. Ref.	TL 823 205	O.S. Ref.	
<i>For linear projects (e.g. pipelines) provide grid references for start and finish points</i>			

C2. Purpose of the licence application (tick one box only)	
Please indicate the purpose of the proposed works.	
(a)	Preserving public health and public safety. <i>(Applications for this purpose must be accompanied by documentary evidence of the risk from a chartered structural engineer, tree surgeon, police, environmental health etc).</i> <input type="checkbox"/>
(b)	Imperative reasons of overriding public interest. <i>(Including those of a social or economic nature and beneficial consequences of primary importance for the environment).</i> <input checked="" type="checkbox"/>
(c)	Preventing the spread of disease. <input type="checkbox"/>
(d)	Preventing serious damage to livestock, foodstuffs for livestock, crops, vegetables, fruit, growing timber or any other form of property, or to fisheries. <input type="checkbox"/>

C3. Purpose of the Proposed Work	
(a)	Is the proposed work part of a phased or a multi-plot development? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If Yes , you must submit a master plan with this application, appended to the method statement. Guidance on what should be included in a master plan can be found at http://www.naturalengland.org.uk/ourwork/regulation/wildlife/species/europeanprotectedspecies.aspx#13
(b)	Please state briefly what the proposed development/application will entail (e.g. construction of warehouse; phased housing development) The development will require construction of Recycling and Composting Facility (eRCF). In advance of this extraction of minerals across the development site will be undertaken to enable buildings to be partially sunken below ground level within the resulting void.
(c)	Please explain briefly why it is necessary to carry out the proposed work affecting the Great crested newts. (There is no need to repeat the detail provided in your Reasoned Statement) The eRCF will reduce the export of recyclable wastes from Essex and recycle wastes locally into marketable products using energy from non-fossil-fuel sources derived from the waste treatment processes.

(d) Provide a brief description of the proposed activity (e.g. exclusion & capture of Great crested newts followed by site clearance prior to construction of highway) and complete the table of proposed habitat changes below.

- The mitigation strategy involves translocation of any GCN to a carefully selected receptor site to ensure that all reasonable measures are taken to prevent the harm, injury or killing of GCN.
- Advanced habitat creation to compensate for habitat losses will enhance the site for GCN, given that ca. 0.8ha more habitat of moderate to high suitability will be available in the core area.
- Sensitive management of the newly created habitats within the site and existing habitats surrounding the breeding pond (P1) will take place.

All work will be supervised by the Ecologist or an Accredited Agent.

Number of ponds to be:			Area (m ²) of terrestrial habitat to be:		
lost	created	restored	lost	created	restored
0	2	1	35000	62000	22000

(e) Briefly state how you will maintain an equivalent population of Great crested newts at or near to the licensed site.

No aquatic habitat will be permanently lost and no GCN breeding ponds will be adversely affected by the proposed works. Only 0.01 ha of core terrestrial habitat will be lost due to the proposed development, which greatly reduces the likelihood of GCN being impacted. Approximately 3.85 ha of suitable intermediate and distant terrestrial habitat will be permanently lost.

Upon the completion of construction, habitat creation and enhancement will be carried out to enhance the value of the core GCN habitat. This will include translocation of 1.2 ha of woodland (identified as habitat to be restored in the table above) and 250 m of hedgerow, creation of 2.8 ha of grassland and 2.2 ha of woodland.

The final layout of the site will comprise the eRCF building with brown roof habitat, woodland, hedgerows, grassland with scrub and ponds. A Habitat Management Plan has been produced which details habitat creation and management tasks (included in Annex H1 of the Method Statement).

The great crested newt population will be monitored and habitats will be managed for a 20 year period as per Habitat Management Plan.

Have you sent your records to the Local Records Centre?' Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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C4. Proposed Activities and Methods

Please complete all relevant columns in the table below to indicate the methods you propose to use, the activity involved and the time period in which you propose to use each method. This information will be used when drawing up the licence and failure to give full details may result in an inappropriate licence being issued.

Activity to be licensed (please tick)						Method to be used	Time period	
Capture	Kill (exceptional circumstances only)	Transport	Disturb	Damage or destroy breeding site	Damage or destroy resting site	e.g. by hand, pitfall traps, exclusion fencing	From	To
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	perimeter/exclusion fencing	Jul 2011	Aug 2011
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	drift fencing	Jul 2011	Aug 2011
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	trap out and translocation	Aug 2011	Sep 2011
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	refuge search	Sep 2011	Oct 2011

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	vegetation clearance	Sep 2011	Oct 2011
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	drift fence removal	Sep 2011	Oct 2011

C5. Previous Mitigation on Site.

To your knowledge, does this application relate to any previously licensed 'mitigation' work on site. Yes No

If **YES**, please provide the case/licence reference number(s). We will use this information, where possible, to allocate the case to an adviser who has previous knowledge of the site.

Case or Licence reference number(s):

C6. Other EPS or protected species application.

To your knowledge, is this site 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**, please provide the case/licence reference number(s) or other details together with details of the species. We can use this information to gain a consistent assessment of the proposals for all the species concerned.

Case or Licence reference number(s):

C7. Consideration of Designated Sites

Designated Areas: National Nature Reserves (NNR), Sites of Special Scientific Interest (SSSI), Special Protection Area (SPA), Special Areas of Conservation (SAC), Ramsar sites.

(a) Will any part of the proposed activity fall within an area covered by a designated site?

NNR SSSI SAC SPA Ramsar Scheduled Monument Ancient Woodland

(b) Will any part of the proposed activity fall adjacent to a designated site? Yes No

(c) If the activity falls within a designated site, have you consulted with your Natural England local team for advice on the implications of your application on the protected site? Yes No

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

Part D. Your Information

Using and sharing your information



The data controller is Natural England, Northminster House, Peterborough, PE1 1UA.

Your information will be stored and processed in accordance with the Data Protection Act 1998. This Act gives you, as an individual, the right to know what data we hold on you, how we use it, with whom we share it and for it to be accurate. It will be used for processing your application.

We may disclose your application and other information relating to it to third parties, such as Government departments, in order to consult them about the application. This document will be provided to them for comment by written representations.

Natural England or its appointed agents may use the name, address and other details on your

application form to contact you in connection with occasional customer research aimed at improving the services that Natural England provides to you. We will respect personal privacy, whilst complying with access to information requests to the extent necessary to enable Natural England to comply with its statutory obligations under the Environmental Information Regulations 2004, and the Freedom of Information Act 2000.

If you believe that any of the information we hold concerning you is incorrect or out of date, please provide us with the accurate information in writing together with supporting evidence (if appropriate). The contact is given at page 1 or Email to - wildlife@naturalengland.org.uk

D1.	Have you, or any persons named in this form, been convicted of any wildlife or animal welfare related offences?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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If **YES**, please give details, including dates.

D2. I have read and understand the guidance provided in WML-G12 [How to get a licence](#). I declare that the particulars given are correct to the best of my knowledge and belief, and I apply for a licence in accordance with these particulars.

I authorise employees or representatives of Natural England to enter the site which is subject to this application for the purpose of monitoring and inspecting the permitted activities. Note: Statutory Undertakers should provide documentary evidence of the legal powers used to gain access to land.

Developer/Land Owner:

Signature:		Date	
<i>For electronic applications, please insert an electronic signature above or tick this box to confirm agreement with this declaration</i>			<input type="checkbox"/>
Name (BLOCK LETTERS)			

Ecologist:

Signature:		Date	
<i>For electronic applications, please insert an electronic signature above or tick this box to confirm agreement with this declaration.</i>			<input checked="" type="checkbox"/>
Name (BLOCK LETTERS)		IAN JAMES FARICLOUGH	

IMPORTANT ADVICE

- Natural England or the Secretary of State can modify or revoke at any time any licence that may be issued but this will not be done unless there are good reasons for doing so. Any licence that is issued is likely to be revoked immediately if it is discovered that false information had been provided which resulted in the issue of a licence.
- Under The Conservation of Habitats and Species Regulations 2010, 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 offences 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 (currently £5,000), or to both.



Report Signature Page

GOLDER ASSOCIATES (UK) LTD

Dr Jim Fairclough
Project Manager

Steve Smith
Reviewer

Author: Nina Sraj/JF/SS/Imp

20 April 2011

Company Registered in England No.1125149

At Attenborough House, Browns Lane Business Park, Stanton-on-the-Wolds, Nottinghamshire NG12 5BL

VAT No. 209 0084 92

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ANNEXES



ANNEX 1

Wildlife Management and Licensing

Reference in support of licence applicant



References provided in support of a licence application consist of two elements:

- a statement from the referee, demonstrating their own skills, relevant experience and qualifications to provide this reference; and
- a statement by the referee on the skills and experience of the applicant for this licence.

Please see our website

<http://www.naturalengland.org.uk/ourwork/regulation/wildlife/licences/applicationforms.aspx> for associated guidance on references, including who should write them and what they should contain.

1. Summary of licence sought

Species to be affected	Techniques to be licensed
Great crested newt <i>Triturus cristatus</i>	Amphibian fencing and pitfall traps
	Refuge searching
	Capture and translocation to receptor site

To add more rows to this table, click inside the table, then click <<Table, Insert, Rows Below>>

2. Referee Contact Details (We may contact you to discuss this reference.)

Name	Title	Forename	Surname
	Miss	Delphine	Pouget
Address	Golder House, Tadcaster Enterprise Park, Station Road, Tadcaster		
Postcode	LS24 9JF	Email	dpouget@golder.com
Telephone	01937 837 800	Mobile	07854054323

3. Referee's Skills and Experience

Please provide concise details of your relevant skills and experience, which enable you to comment in support of this application. You should provide reference numbers for any licences held in the last 3 years for similar species and techniques.

I have carried out numerous surveys for great crested newt since 2005 when I was working for West Yorkshire Ecology, the local records centre in West Yorkshire. Survey methods I have regularly used include torchlight, egg searching, bottle trapping, netting and refuge searching and more recently pitfall trapping for a great crested newt terrestrial survey. This has been as a professional consultant ecologist and as a volunteer.

As a professional ecologist working for Golder Associates (UK) Ltd, I have worked on several

major development schemes which impacted on great crested newts including Cross Lanes (North Yorkshire), Blue Cross (North Yorkshire), Mappleton Grove (Hull) and Wentworth and Stainborough Castle (South Yorkshire). I was accredited agent for Cross Lanes and held EPS licences for Blue Cross, Mappleton Grove and Wentworth Castle and Stainborough Park. For these projects I supervised installation of amphibian fencing and pitfall traps and ensured that the methodology detailed in the method statements was implemented. I also carried out fingertip and destructive searches and gave toolbox talks to contractors. I carried out checking of pitfall traps as the main consultant ecologist and as accredited agent on all these projects.

In January 2010, I provided a training course on great crested newt licensing and mitigation on behalf of Pond Conservation trust and FSC.

Previous Licence Ref Numbers

Survey licence held in 2007, 2008 and 2009. Most recent survey licence number: 20100400.

EPS licences held for great crested newt:
 EPSM2009-1073 B (Mappleton Grove)
 EPSL 30273B (Blue Cross)
 EPSM 2009-712C (Wentworth Castle and Stainborough Park)

4. Referee’s Statement on the Applicant’s Skills and Experience

The referee should provide details of **their knowledge** of the **applicant’s experience and skills** in working with the species (or similar species) and techniques listed in Section 1 above. Please refer to relevant licences under which the applicant has acted as an agent or assistant and any relevant training undergone by the applicant.

Applicant Name

Ian J Fairclough

Species worked on:

Great Crested Newt

Activities and Methods (Techniques) used:

I have pleasure in providing a reference for Ian J Fairclough with regards to his application for a Natural England licence in respect of development for great crested newts.

Since 1999 Ian has been actively involved in great crested newt / amphibian conservation in both a professional (consultancy) and voluntary capacity. This has involved development of a wide range of skills, including survey, mitigation (capture / release, fingertip searches) and conservation (attendance at conferences and taking part in workshops). Ian currently holds a GCN survey licence number 20094215.

Involved in the following GCN mitigation licences:

Accredited agent:

- Eye Landfill: EPSL 30112B
- Hartlebury: EPSM 1009-1112
- Bicester: EPSM 2010-1632B

Extensive input:

- Mappleton Grove EPSM 2009-1073B
- Wentworth EPSM 2009-712B

In 2010 and 2011, Ian provided a training course on behalf of Pond Conservation Trust and Filed Studies Council.

Ian has gained considerable experience of great crested newts over the past 10 years and has gained an excellent understanding of mitigation methods and of the licensing procedure, reinforced by the fact that he is now providing training on great crested newt licensing and mitigation. I believe he has more than enough experience and knowledge to enable him to apply for a development licence. I am confident that Ian will make an excellent consultant ecologist and will continue to apply the same principles that he has done for the last ten years. Through my work with Ian, I can wholeheartedly recommend him as a reliable, professional ecologist who is committed to the conservation and welfare of the protected species he works with.

Please state how long you have known/worked with the applicant	5
For applications relating to specific time-limited projects, please tick here to confirm that you are aware of the scope/scale of the project to be carried out under this licence.	<input checked="" type="checkbox"/>

Referee Signature (<i>e-signature acceptable</i>)	Date
Delphine Pouget	08/02/2011

For references submitted via email, please insert an electronic signature above or tick this box to confirm the details you have provided are a true and accurate record



ANNEX 2

Wildlife Management and Licensing

Reference in support of licence applicant



References provided in support of a licence application consist of two elements:

- a statement from the referee, demonstrating their own skills, relevant experience and qualifications to provide this reference; and
- a statement by the referee on the skills and experience of the applicant for this licence.

Please see our website

<http://www.naturalengland.org.uk/ourwork/regulation/wildlife/licences/applicationforms.aspx> for associated guidance on references, including who should write them and what they should contain.

1. Summary of licence sought

Species to be affected	Techniques to be licensed
Great crested newt <i>Triturus cristatus</i>	Amphibian fencing and pitfall traps
	Fingertip and refuge searching
	Capture and translocation to receptor site

To add more rows to this table, click inside the table, then click <<Table, Insert, Rows Below>>

2. Referee Contact Details (We may contact you to discuss this reference.)

Name	Title	Forename	Surname
	Mr	David	Ferguson
Address	6b Church Cowley Road Oxford		
Postcode	OX4 3JR	Email	DAVIDJFERGUSON@HOTMAIL.COM
Telephone	01865 714212	Mobile	07581 298436

3. Referee's Skills and Experience

Please provide concise details of your relevant skills and experience, which enable you to comment in support of this application. You should provide reference numbers for any licences held in the last 3 years for similar species and techniques.

I have undertaken great crested newt surveys on a professional or volunteer basis at over ten sites in England. I have been licensed by Natural England since 2007 to disturb and take great crested newts, by means of hand, net, bottle traps and torch, for the purpose of science and education. My previous licences include 20082039, 20081946, 20081652 and 20071811. I have also acted responsibly as the licensee for two accredited agents (Hannah Bilston and Dr. Ian J Fairclough).

I held an EPS licence for GCN mitigation at Worcestershire County Council's landfill in Hartlebury, Worcestershire. I was an accredited agent for GCN mitigation projects at Biffa Waste Services' landfill site in Eye, Cambridgeshire; Wentworth Castle (South Yorkshire)

and Bicester (Oxfordshire). For these projects I was involved in the design, construction, management and monitoring of habitat creation to compensate for development related impacts. I have also been actively involved in delivering toolbox talks to contractors, monitoring GCN populations, monitoring mitigation features (e.g. fence installation), carrying out fingertip searches, checking pitfall traps and advising developers of any ongoing work that is required to ensure compliance with the licence. I have also represented a client/ developer during a Natural England compliance audit.

Previous Licence Ref Numbers	Named ecologist Hartlebury Landfil EPSM 1009-1112 Accredited agent Wentworth Castle EPSM2009-712 C Accredited agent Eye Landfill EPSL 30112 B Accredited agent Bicester EPSM 2010-1632B
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4. Referee's Statement on the Applicant's Skills and Experience

The referee should provide details of **their knowledge** of the **applicant's experience and skills** in working with the species (or similar species) and techniques listed in Section 1 above. Please refer to relevant licences under which the applicant has acted as an agent or assistant and any relevant training undergone by the applicant.

Applicant Name	Ian J Fairclough
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Species worked on:
Great crested newt

Activities and Methods (Techniques) used:

I have pleasure in providing a reference for Ian J Fairclough with regards to his application for a Natural England licence in respect of development for great crested newts.

Since 1999 Ian has been actively involved in great crested newt / amphibian conservation in both a professional (consultancy) and voluntary capacity. This has involved development of a wide range of skills, including survey, mitigation (capture / release, fingertip searches) and conservation (attendance at conferences and delivery of training and workshops).

Ian currently holds a GCN survey licence number 20094215 and is presently involved in the following GCN mitigation licences:

- Eye Landfill: EPSL 30112B (accredited agent)
- Hartlebury: EPSM 1009-1112 (accredited agent)
- Bicester: EPSM 2010-1632B (accredited agent)
- Mappleton Grove EPSM 2009-1073B (extensive input)
- Wentworth EPSM 2009-712B (extensive input)

In 2010 and 2011, Ian has provided a training course on behalf of Pond Conservation Trust and FSC.

Ian has extensive experience in great crested newt mitigation (involved in 5 mitigation licences) and also shows confidence in passing on this knowledge through training events. I am confident that Ian will make an excellent great crested newt mitigation licence holder and will continue to apply the same principles that he has done throughout his professional career. His great crested

newt survey experience is detailed in the following paragraphs.

His earliest involvement with great crested newts involved surveys (bottle trapping, egg searches, refugia searches, torching and netting) and mitigation (fingertip / destructive searches, pitfall trap searches, night-time torch surveys and fence repairs / removal) on a variety of schemes between 1999 and 2004.

Since joining Golder a consultant ecologist in 2004, Ian has been involved in over 10 projects involving surveys and / or mitigation for great crested newts. He has been included as an accredited agent on survey and / or development licences of the following ecologists: Gordon Haycock, James Mortimer, Delphine Pouget, David Ferguson, Thomas Flynn, Hannah Bilston, Nina Sraj, Peter Lancashire and Steven Parnwell. This has involved survey and / or mitigation at the following Sites over the recent years:

- Highways Agency: M62 Junction 6, Merseyside – GCN surveys, mitigation and monitoring for junction improvement road scheme.
- Highways Agency: M56 Junction 9 to 16, Mersyside and Cheshire – GCN surveys for sign installations along the motorway.
- Doncaster MBC: White Rose Way, Doncaster, South Yorkshire – GCN surveys for road widening scheme
- Doncaster MBC: Finningley and Rossington Relief Road, Doncaster, South Yorkshire – GCN surveys of over 30 waterbodies for new road scheme.
- Worcestershire County Council: GCN surveys to inform landfill site remediation works.
- British Sugar: Newark factory, Nottinghamshire – GCN surveys for a development affecting soil washing lagoons.
- Biffa Waste Services Ltd: Eye Landfill, Peterborough, Cambridgeshire - GCN surveys and mitigation for a landfill extension.
- Veolia Environmental Services: Rainham Landfill, Essex - GCN surveys for a landfill development
- Yorwaste Ltd.: Seamer Carr landfill, Scarborough, North Yorkshire – GCN monitoring of created ponds
- Yorwaste Ltd.: Cauklands landfill, Thornton-le-Dale, North Yorkshire – GCN monitoring of existing and created ponds
- JD Group: Bournemouth Quarry, Swanley, Kent - GCN surveys for a proposed quarry extension

Please state how long you have known/worked with the applicant	3
For applications relating to specific time-limited projects, please tick here to confirm that you are aware of the scope/scale of the project to be carried out under this licence.	<input checked="" type="checkbox"/>

Referee Signature (<i>e-signature acceptable</i>)	Date
David Ferguson	05/04/11

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