

FORM WRA: Applicant details and proposal outline

Water Resources Act 1991 (as amended by the Water Act 2003),
Environment Act 1995, The Water Resources (Abstraction and Impounding)
Regulations 2006, The Natural Resources Body for Wales (Functions) Order 2012



Cyfoeth
Naturiol
Cymru
Natural
Resources
Wales

1. Application type and fee

For the application types listed, complete this form and/or the relevant additional forms named below. Please tick which forms have been included with your application. Forms should be completed with reference to Guidance Note WRX.

- | | | |
|---|-------------------------------------|-------------------------|
| * Pre-application enquiry (non-hydropower) | <input type="checkbox"/> | Only complete this form |
| * Pre-application enquiry (hydropower) | <input type="checkbox"/> | Also complete form WRB |
| * Application for a Groundwater Investigation Consent | <input type="checkbox"/> | Only complete form WRC |
| New full abstraction licence | <input checked="" type="checkbox"/> | Also complete form WRD |
| New temporary abstraction licence | <input type="checkbox"/> | Also complete form WRD |
| New licence to transfer water | <input type="checkbox"/> | Also complete form WRD |
| New impoundment licence | <input type="checkbox"/> | Also complete form WRE |
| Renewal of a time-limited licence | <input type="checkbox"/> | Also complete form WRD |
| Removal of an existing impoundment | <input type="checkbox"/> | Also complete form WRE |
| Technical variation of an abstraction licence | <input type="checkbox"/> | Also complete form WRD |
| Technical variation of an impoundment licence | <input type="checkbox"/> | Also complete form WRE |
| * Administrative variations to existing licences | <input type="checkbox"/> | Only complete form WRF |
| * No fee required | | |

Please indicate how you wish to pay your application fee and provide a reference number where relevant.

Cheque BACS Credit or debit card

Your reference number

BS/291118/12GREENWAYP

2. Applicant details

This is who the licence would be issued to and must be a legal entity such as an individual, registered company, charity or public body. If you are an agent acting on behalf of an applicant, provide their details here and yours in Section 3. See Guidance Note WRX for clarification of the details required and signatories permissible for organisations.

Applicant type:

- | | | | | | | | |
|-------------|--------------------------|-----------------|-------------------------------------|---------|--------------------------|----------------|--------------------------|
| Individual | <input type="checkbox"/> | Limited company | <input checked="" type="checkbox"/> | Charity | <input type="checkbox"/> | Corporate body | <input type="checkbox"/> |
| Partnership | <input type="checkbox"/> | Sole trader | <input type="checkbox"/> | Club | <input type="checkbox"/> | Other | <input type="checkbox"/> |

If other, please specify

Title

Mr

Full Name

Ben Williams

Company, Charity or
Trading Name

Greenway Poultry Limited

Company or Charity
Registration Number

05000404

Registered Address

Highgrove Farm
Llanhamlach
Brecon
Powys
LD3 7SU

Office: 01874 665489
Mobile: 07891 512786

Telephone Number

Email Address

bwilliams@keme.co.uk

We will contact you by email unless you tick here

Please specify who we should contact with regard to your site operation.

Site operations contact

Applicant

Agent

For applications for abstraction licences, please also specify who we should contact for invoices and abstraction records (returns).

Invoice address*

Applicant

Agent

Abstraction records contact*

Applicant

Agent

* Not required for temporary or transfer licences.

Enter the agent's details in Section 3, or provide details of alternative or additional contacts on a separate sheet and tick here to show that you have done so.

3. Details of agent or individual authorised to act as application contact

This is who we will correspond with unless otherwise informed. If an agent has signed on behalf of an applicant, please include a letter of authorisation from the applicant allowing the agent to act as signatory.

Title

Mr

Full Name

Peter Gwynne

Company, Charity or Trading Name

AMS LTD

Position in Company

Managing Director

Registered Address

Thinghill Court
Withington
Hereford
HR1 3QG

Telephone Number

Office: 01432 850219
Mobile: 07980 652971

Email Address

peter@amshereford.co.uk

4. Entitlement to apply (only required for abstraction licence applications)

Does the applicant have a legal right of access to the point of abstraction?

Has a right of access

Has an expected right of access

Owner/occupier of land

Date these access rights are expected

For formal abstraction licence applications where you are the landowner/occupier, provide a map with the land boundary and all abstraction and discharge point(s) marked. Please tick here to show that you have done this.

For expected rights of access, please also provide the additional evidence as outlined in Guidance Note WRX. Please tick here to show that you have done this.

5. Application reference number

Have you undertaken a pre-application enquiry or had any previous discussions with us?

No Yes

Provide reference number or staff member's name

PPN-00320
Mary Beckett

6. Remediation work

Is this proposal as a result of a Restoring Sustainable Abstraction programme or other work requested by us?

No Yes

If yes, provide your licence number

7. Source of supply

7.1 State where you intend to abstract from

Surface Water Groundwater

Give Groundwater Investigation Consent number if applicable

PPN-00320

7.2 Provide a 12 digit National Grid Reference for the proposed or existing abstraction or impoundment point (e.g. ST 19057 76826)

SO

08952

27051

7.3 Source of supply or location of proposed impoundment

St Maughans Formation

7.4 Site name / reference

Greenway

8. Proposal summary

Please provide an outline of your proposal as described in Guidance Note WRX, including any sketches. If you are submitting a pre-application enquiry, this must include the quantities of water you propose to abstract. If necessary continue on a separate sheet and tick here to show that you have done this.

The abstracted water is for use in the farm poultry unit and for the farm livestock.
The required abstraction volumes are as follows.
PIF rate x 0.66litres/second.
Hourly rate x 2.40m3.
Daily rate x 57m3.
Yearly rate x 11600m3.
All year abstraction period required.

9. Declaration

Please see Guidance Note WRX for details of who can sign this section and note the information in that document relating to the Data Protection Act 1998.

By signing below, you are declaring that as far as you know and believe the information given in this form, on any map and in any supporting or additional information, is true.

Signed

Print name

Position

Date

Application Checklist

Please tick the following checklist items to indicate that you have included the required information. If any sections of the form are left blank and no supporting information submitted, where we have insufficient information to make a decision on your application, we will return your application to you.

Essential:

Letter of authorisation from the applicant, allowing the agent to act as signatory
Map showing the land ownership boundary with all abstraction and discharge point(s) clearly marked

Where relevant:

Evidence of negotiations of expected access rights, if applicable
For groundwater abstractions, results of pump test (if not previously submitted)

For Natural Resources Wales' use only:

Date received _____

Reference Number _____

Payment received Yes Amount received _____
No Not required

FORM WRD: Application for a new abstraction licence or a technical variation to an abstraction licence

Water Resources Act 1991, Environment Act 1995, The Water Resources (Abstraction and Impoundment) Regulations 2006, The Natural Resources Body for Wales (Functions) Order 2012

1. Application type

- New full abstraction licence Give existing licence serial number and/
 New temporary abstraction licence pre-application reference number
 New licence to transfer water
 Renewal of a time-limited abstraction licence
 Technical variation to an abstraction licence

For hydropower abstractions, specify the capacity (in kilowatts) of your scheme.

25kW or less >25 to 50kW >50 to 100kW >100kW

2. Linked licences

2.1 Does your proposal involve water rights trading?

No Yes If yes, provide licence serial number(s)

2.2 Is the licence (to be) aggregated with any other licences?

No Yes If yes, provide licence serial number(s)

3. Abstraction details

Provide details of all points of abstraction. Details of abstraction location(s) should correspond with any maps submitted.

If necessary, continue on a separate sheet and tick here to show that you have done this

Abstraction location name / reference	Type (single point / reach)	National Grid Reference (12 digit)	If a reach, downstream National Grid Reference (12 digit)
Greenway	Single point	SO08952 27051	

4. Means of abstraction

Detail the structure and equipment involved in the abstraction process. If this information is detailed in a supporting document, provide the document reference. For groundwater abstractions, include borehole depth and diameter and provide details of screening and lining. If necessary, continue on a separate sheet and tick here to show that you have done this.

A submersible pump located in the borehole supplies water to the farm and a water storage tank. The borehole depth is noted as 77.1mbgl with a 200mm steel sleeve to a depth of 28.0mbgl and a 160mm UPVC liner to the borehole base. No records for the size or the location of the slotted screens.

5. Abstraction quantities

Provide details of the abstraction quantities and periods proposed, including any deregulated abstractions (< 20 cubic metres per day) you currently have. Details of abstraction locations should correspond with any maps submitted.

Abstraction location name / reference	Purpose which water will be used for	Abstraction period (state 'all year' or give months)	Maximum annual abstraction volume (cubic metres)	Maximum daily abstraction volume (cubic metres)	Maximum hourly abstraction volume (cubic metres)	Number of hours of abstraction per day	Peak abstraction rate (litres per second)
Greenway	Farm livestock	All year	11600	57	2.40	24	0.66
Total							

6. Calculations and supporting information

Please provide further details of your intended use of water, including calculations in support of the quantities you have requested, your operational regime and any management agreements. See Guidance Note WRX for details of what is required. If your proposal involves the provision of a residual flow via a notch or orifice, provide information on how this has been calculated. If necessary, continue on a separate sheet and tick here to show that you have done this.

Usage for farm livestock.

200,000 birds x 7.0litres per bird = 1400litres per crop x 7.5 crops per year = 10,500 litres per year.

Washdown water for 6 sheds at 20m3/shed = 120m3 per washdown x 7.5 = 900 litres per year.

Amenities = toilets and biosecurity sinks on site = 200m3 per year.

10,500 + 900 + 200 = 11,600 litres per year.

[Empty rectangular box]

7. Industry-specific requirements

Complete the relevant table in line with the purpose of your proposal to demonstrate a justification of need for the quantities proposed. For uses not covered here or to provide further details, please use a separate sheet and tick here to show that you have done this

7.1 For agricultural use:

Crop type	Soil type (for multiple soil types, indicate approximate split)	Maximum area of crop to be irrigated annually (hectares)	Maximum annual depth of irrigation to be applied (millimetres)
<i>e.g. Carrots</i>	<i>Silty clay</i>	<i>10</i>	<i>90</i>

Livestock type	Number of animals	Maximum daily quantity of water used (cubic metres)	Comments
<i>e.g. Sheep</i>	<i>200</i>	<i>0.005 per animal</i>	<i>Drinking water</i>
Provide details of any additional requirements (washing / cleaning)			

7.2 For golf course irrigation:

Feature	Maximum area to be irrigated daily (hectares)	Maximum depth of water to be applied daily (millimetres)
<i>e.g. Greens</i>	<i>0.9</i>	<i>220</i>
Tees		
Greens		
Fairways		
Others		

7.3 For industrial use:

Industry sector or process type	Water use per unit produced (state units)	Maximum units produced per year
<i>e.g. Ice cream</i>	<i>1.9 cubic metres per tonne of ice cream</i>	<i>10,000 tonnes</i>

7.4 For hydropower:

If you have submitted this information as part of your pre-application enquiry and no changes have been made to your proposal in the meantime, you are not required to provide these details again.

% abstraction and zone applied for (see HGN2)	Average gradient of depleted reach (%)	Catchment size above abstraction point (kilometres square d)	Net head between abstraction and discharge points (metres)
Turbine efficiency (%)	System efficiency (%)	Maximum power output (kilowatts)	Annual capacity (kilowatt hours)

State the length of depleted reach (in metres)

Provide the flow data (in cubic metres per second) & ratios specified below:	
Q95	
Q10	
Qmean	
What is the ratio of Q95:Qmean?	
What is the ratio of Q10:Qmean?	

Please send us a copy of the full flow duration curve for the site and confirm the method used to derive this. If you have used modelling software such as LowFlows, please provide us with a copy of the output (graph, data and catchment map) including the Long Term Average rainfall.

What low flow protection* do you propose to maintain in the depleted reach when the hydropower scheme is operating (in m³/s)?

* Low flow protection is the flow rate above which abstraction can begin and is separate to the abstraction % take, see HGN2 for details.

8. Means of measurement

State how you intend to measure abstracted quantities at each abstraction point.

Meter Power Generated Other

If other, please specify

9. Water efficiency

Describe all steps you have taken or intend to introduce to ensure efficient use of water, such as water storage, re-use or conservation provision. If necessary, continue on a separate sheet and tick here to show that you have done this.

<p>Water storage on site and the water pumps have inverter drives where possible.</p>

10. Fish and eel considerations (surface water abstractions only)

10.1 Confirm the fish species present at your site. If you are submitting a survey or report with your application, please tick here to show that you have done this.

10.2 Does your proposal include measures to safeguard fish and eels? Only provide details of outfall screening if abstracted water is to be discharged back into a watercourse.

	Intake	Outfall
Type of fish screen		
Screen aperture size (mm)		

11. Discharge details

11.1 If you intend to return any of the abstracted water to the environment, provide details below. Details of discharge location(s) should correspond with any maps submitted.

Discharge location name / reference	National Grid Reference of discharge point (12 digit)	Total volume to be discharged (cubic metres)	Environmental Permit for Water Discharge Activity number (if applicable)

11.2 Provide a description of the structure and equipment involved in discharge.

12. Other abstractors / water users

Provide details of nearby abstractors or users of water who could be affected by your proposal. This should include deregulated users (exempt activities or abstractions < 20 cubic metres per day), anglers and canoeists.

13. Planning application

Have you sought advice on your planning application?

No Yes

If yes, submit a copy of the Planning Authority's response.

14. Declaration

Please see Guidance Note WRX for details of who can sign this section and note the information in that document relating to the Data Protection Act 1998.

By signing below, you are declaring that as far as you know and believe the information given in this form, on any map and in any supporting or additional information, is true.

Signed BA Williams

Print name BA WILLIAMS

Position Director

Date 11/11/19

Application Checklist

Please tick the following checklist items to indicate that you have included the required information. If any sections of the form are left blank and no supporting information submitted, where we have insufficient information to make a decision on your application, we will return your application to you.

Essential:

- Form WRA completed
- Map showing applicant's land boundary with all abstraction and discharge point(s) clearly marked
- Evidence of negotiations of expected access rights, if applicable
- State number of continuation sheets (enter 0 if none included)

Where relevant:

- Letter of authorisation from the applicant, allowing the agent to act as signatory
- Form WRE completed, if your proposal also requires an impoundment licence
- Further information requested in our pre-application response letter to you

For hydropower applications, full flow duration curve for the site, confirmation of the method used to derive this and a copy of the output (graph, data and catchment map) including the Long Term Average rainfall, where available

Planning Authority response, where available

Additional supporting information - please list below: