

FORM WRA: Applicant details and proposal outline

Application type and fee

Please generate a reference number. It should start with "WR" followed by your organisation or company name and today's date in four-digit format (DDMM) without spaces or punctuation. Example: WRNATURALRESOURCESWALES1101 Please use this number throughout this application. This reference number can also be used for your BACS reference if paying electronically.

WREgniMynydd0909

For the application types listed, complete this form and/or the relevant additional forms named below. Tick the type of application you are applying for. Please refer to our Find out if you need a licence web-page for an explanation for the different licence types. If your proposal involves multiple licence types, tick all that apply. See our Charges for abstraction and impoundment applications web page for details of application fees and how to pay.

Renewal of a time-limited licence. Also complete form WRD.

Technical variation of an abstraction licence. Also complete form WRD.

Technical variation of an impoundment licence. Also complete form WRE.

Please provide existing licence serial number, if applicable

WA/065/0018/0025 & 0026

Please indicate how you wish to pay your application fee. If paying by BACS, please quote the reference number created in question 1 when setting up the bank transfer.

BACS

Applicant details

Applicant type

Other (please specify):

Community benefit society

Applicant details

Full Name Jenny Wong

Company, Charity or Trading Name Egni Mynydd Cyf

Company or Charity Registration Number Community Benefit Society 8069

Applicant Registered Address

Line 1 Ynys Uchaf
Line 2 Mynydd Llandygai
Line 3 Bangor
Line 4 Gwynedd
Postcode LL57 4BZ

Applicant Contact details

Office Telephone Number 01248601478
Mobile Telephone Number 07766553508
Email Address jenny.wong@wildresources.co.uk

Please indicate who we should contact regarding operation of your site, this should be the person responsible for the day to day running of the operation.

	Applicant	Agent
Site operations contact	X	

For applications for abstraction licences, please also specify who we should contact for invoices and abstraction records (returns). Not necessary for temporary or transfer licence applications.

	Applicant	Agent
Invoice address	X	
Abstraction records contact	X	

Details of agent or individual authorised to act as application contact

Use applicant contact details

Yes

Entitlement to apply (not required for impoundment licence applications)

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

Occupier of land / has a right of access

Date these access rights are expected

* 23/04/2020

Site map showing abstraction points

- File: E05526-MAP-01-H Galedffrwyd Hydro Site Layout.pdf - [Download](#)

Other supporting documents

- File: Penrhyn HOT signed 23-04-2020 small.pdf - [Download](#)
- File: Penrhyn HOTs Plans Rev E.pdf - [Download](#)
- File: Rights of Access Document-010319 JW signed.pdf - [Download](#)

For abstraction licence applications where you are the landowner, 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 abstraction licence applications where you are the occupier or have rights of access, please also provide the additional evidence as outlined above.

Please tick here to show that you have done this.

For expected rights of access, please also provide the additional evidence as outlined above.

Please tick here to show that you have done this.

Pre-application number

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

Yes

Provide reference number or staff member's name

Sarah Senior PPN-00588

Remediation work

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

No

Source of supply

State where you intend to abstract from

Surface Water. e.g. Stream, leat, spring

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

SH 60625 65514

Source of supply (name of watercourse or aquifer)

Afon Galedffrwd

Site name / reference(e.g. Tŷ Mawr Farm)

Galedffrwd

Proposal summary

Please provide an outline of your proposal, including any sketches. As a guide, you should include: a description of the activities which (will) take place at your site, the means of abstraction/impoundment proposed, if the proposal is related to another licence or permit (i.e. an Environmental Permit to Discharge Water) and details of any survey work undertaken. For changes to existing licences, summarise the changes proposed. Sketches or photographs that will aid our understanding of your proposal can be uploaded below.

Changes to existing licences WA/065/0018/0025 & WA/065/0018/0026

1) Early renewal of Abstraction license to 2037 to make up for time lost to covid lockdown and provide the project with a period of abstraction able to underwrite the financial model required to raise capital for construction further details in WRD form and correspondence (in confidence).

2) Reset duration of the self destruct clause - to extend past Sep 2022 when abstraction is planned to commence

3) Minor modifications to design of intake structure:

- Inclusion of an isolation valve to allow flow to the penstock to be stopped. This would be positioned inside the intake structure to allow access for pipe pigging. Minor related modifications to access arrangements are also required.
- Coanda screens would be type C, as type D screens are not suitable for joining together.
- Increase maximum Coanda screen aperture to 2 mm
- The impoundment drain down pipe is considered unworkable and will be replaced for stop logs. It is noted that stop logs must be flush with weir level to maintain the licensed flow split.
- A funneled section will be incorporated to benefit flow into the pipe.
- The concrete ledge to the downstream side of the intake will be extended to 1m to improve screen cleaning access.
- The pipe invert in the chamber has been established as 245.645mAOD. This is likely to be slightly lower than suggested on the planning drawings, although no dimensions are given. The additional depth is required to minimise entrained air entering the penstock.
- The settling tank is assumed to be 3x5m in plan. Some internal detailing has been adjusted to benefit flows.
- The chamber will be vented to allow air escape and avoid pipe collapse if drained.
- The peak flood level will completely submerge the intake structure. Electrical terminations will need to be raised above flood level.
- The wing walls will need to be extended to connect fully with the surrounding ground level.
- Increase width of abstraction weir by 30mm to allow tolerance for fitting and gaskets. A 30mm steel spacer will be fitted to this section of weir to reduce the operating width to 5.25m that is presently licensed; so there should be no impact to the flow split.

These changes are detailed in drawings; 4 Intake Plan 10 009 drg 101; 4a Intake sections 19 009 drg 102; 4b Intake sections 19 009 drg 103 dated 27/08/2021 which should replace drawing GLFHDWGIntakeH311018DM dated 31/10/2018

4) Change references to "spear valve" singular to "spear valves" as multiple valves will be employed

Summary of proposal

- File: 4 Intake Plan 10 009 drg 101.pdf - [Download](#)
- File: 4a Intake Sections 10 009 drg 102.pdf - [Download](#)
- File: 4b Intake Sections 19 009 drg 103.pdf - [Download](#)

Declaration

By signing below, you are declaring that, to the best of your knowledge; the information given in this form, on any map and in any supporting or additional information; is true.

Signed See attached jpg

Print name Jennifer Wong

Position Chair / Director

If you need to submit additional signatures, please upload here in a separate document.

- File: jenny signature.jpg - [Download](#)

Date

* 28/09/2021

Would you like a copy of your submission?

Yes

Your email address

jenny.wong@wildresources.co.uk