

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 use this number throughout this application. This reference number can also be used for your BACS reference if paying electronically.

WRNATURALRESOURCESWALES1107

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.

New licence to transfer water. Also complete form WRD.

Please provide existing licence serial number, if applicable

MD/054/0001/0066

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.

If paying by cheque, please ensure you add the six digit cheque number below.

NRW internal application

Applicant details

Applicant type

Other (please specify):
Statutory Public Body

Applicant details

Full Name	Jason Jones
Company, Charity or Trading Name	Natural Resources Wales
Company or Charity Registration Number	NA

Applicant Registered Address

Line 1 Natural Resources Wales - Welsh Government Offices
Line 2 Cathays Park
Line 3 King Edward VII Avenue
Line 4 Cardiff
Postcode CF10 3NQ

Applicant Contact details

Office Telephone Number 03000 653699
Mobile Telephone Number 07770 846967
Email Address Jason.Jones@naturalresourceswales.gov.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	

Details of agent or individual authorised to act as application contact

Use applicant contact details

No

Application details

Full Name Ruairi Barry
Company, Charity or Trading Name Natural Resources Wales
Position in Company Project Specialist- Projects and Programme Delivery

Applicant Registered Address

Line 1 Natural Resources Wales
Line 2 Chester Road
Line 3 Buckley
Line 4 -
Postcode CH7 3AJ

Applicant Contact details

Office Telephone Number 03000 653541
Mobile Telephone Number 07977267154
Email Address Ruairi.Barry@cyfoethnaturiolcymru.gov.uk

For applications for abstraction licences who should we contact for invoices?

Not necessary for temporary or transfer licences.

Applicant

Details of individual authorised to act as abstraction records (returns) contact

Specify who we should contact regarding abstraction records (returns):

Existing returns contact

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

* 19/08/2016

Site map showing abstraction points

- File: 2016.08.19 Deed of Grant with Site Map.pdf - [Download](#)
- File: Location Plan with Abstraction and Discharge Points.pdf - [Download](#)

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.

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

There have been several previous discussions in NRW on this matter. Susie Tudge, Ashley Landsdown, David Lee, Gillian Perry, Chloe Hatton, Ben Wilson, Timothy Arlett.

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)

SJ 21715 28309

Source of supply (name of watercourse or aquifer)

Afon Cynllaith

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

Glascoed Bypass channel, Glascoed Weir, Llansilin, Oswestry.

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.

During the course of a project to undertake works to address flood and erosion damage to NRW's existing fish bypass channel on the Afon Cynllaith, it became apparent that existing licences had lapsed. Administration issues meant renewal notices had not been issued to NRW. The bypass channel has not been operating in recent years as a result of the damage. The works are to repair and improve the arrangements to a more robust design and now complete and the bypass channel ready to be operational. However it currently remains closed in the lack of a licence. This application is intended to resolve this matter/oversight so that the intake can be opened and the earliest opportunity so that delivery of the intended benefits (fish passage) not be unduly delayed.

Further background below:

The Salmon for Tomorrow Fish Passage Improvement Programme identified Glascoed Weir, a 3.3 metre high steep stone pitched weir, as an obstacle which is preventing upstream fish migration in the Afon Cynllaith. Glascoed Weir is located approximately 6 kilometres west of Oswestry and 780 metres east of the village of Llansilin. The weir was installed together with a sluice gate and leat in 1875 to power a corn mill at Glas Coed, this was later used for hydroelectric power generation in 1927. Both activities have now ceased.

To allow fish passage around the weir, in 2014 NRW installed a bypass channel around the weir in a new cut in the western river bank. This allows a wide range of species to pass around the weir to 12 kilometres of high quality spawning habitat during a wide range of flow conditions which will help the watercourse achieve Water Framework Directive (WFD) objectives.

The bypass channel is approximately 140 metres long and 4 metres wide and constructed to a gradient of 2.5 percent. Within the natural looking bypass channel, block stone traverse bars were constructed every 9.6 metres to create intermediate resting pools. The traverse bars also each contain a notch to enable the passage of fish at low flows. At low flows (Q95) the bypass channel takes 40 percent of the total river flow, with the rest of the water remaining in the Afon Cynllaith to go over the existing weir. This was achieved by the construction of a low level traverse bar which spans the width of the Afon Cynllaith and directs flow into the bypass channel. The bar also has a notch in it to maintain downstream flow. The entrance to the bypass channel and the low flow notch in the low level traverse weir is calibrated to maintain the flow split. After erosion damage, minor remedial works took place to secure erosion protection and slightly reduce the size of the flow intake notch in 2015. Following further flood/storm damage these most recent works were completed in 2025. These resulting in the construction of a much more robust intake structure on the right bank. While the structure is more substantial and structurally robust than the previous arrangements, the intake arrangements align completely with the original to ensure bypassing flows are not greater than those possible under the previous arrangement.

All transferred water is returned to the Afon Cynllaith 120m downstream at NGR SJ 21677 28211.

This application is related to previous Licence Serial No: MD/054/0001/0066 which expired 31/3/2022.

The licence application conditions are the same as the previous application.

Summary of proposal

- File: 290049-ARP-FP-XX-FN-ZX-0001_Outline Design Report.pdf - [Download](#)
- File: 290049-ARP-FP-XX-RP-ZX-0002_Hydraulic Modelling.pdf - [Download](#)
- File: 290049-ARP-ZZ-00-DR-ZX-0001-NRW A1 (Land-Vert).pdf - [Download](#)
- File: 290049-ARP-ZZ-00-DR-ZX-0002-NRW A1 (Land-Vert).pdf - [Download](#)
- File: 290049-ARP-ZZ-00-DR-ZX-0003-NRW A1 (Land-Vert).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 Ruairi Barry

Print name Ruairi Barry

Position Project Specialist Projects & Programme Delivery

Date

* 01/09/2025

Would you like a copy of your submission?

Yes

Your email address

Ruairi.Barry@cyfoethnaturiolcymru.gov.uk