

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.

WRnaturalresourceswales1712

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.

Removal of an existing impoundment. Also complete form WRE.

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

Corporate body

Applicant details

Full Name Gavin Bown

Company, Charity or Trading Name NRW

Company or Charity Registration Number -

Applicant Registered Address

Line 1 Ty Cambria
Line 2 29 Newport Road
Line 3 -
Line 4 Cardiff
Postcode CF24 0TP

Applicant Contact details

Office Telephone Number 03000 653208
Mobile Telephone Number 07773039966
Email Address Gavin.bown@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 Melissa Mahavar-Snow
Company, Charity or Trading Name NRW
Position in Company Project Executive

Applicant Registered Address

Line 1 Ty Cambria
Line 2 29 Newport Road
Line 3 -
Line 4 Cardiff
Postcode CF24 0TP

Applicant Contact details

Office Telephone Number -

Mobile Telephone Number 07468742549

Email Address melissa.mahavar-snow@cyfoethnaturiolcymru.gov.uk

Entitlement to apply (not required for impoundment licence applications)

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

Not applicable (Impoundment application)

Site map showing abstraction points

- File: Figure 1 and 2 from form (upload as attachment to WRA).docx - [Download](#)

Pre-application number

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

No

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

Not applicable (Impoundment application)

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

SO05031 29744

Source of supply (name of watercourse or aquifer)
River Honddu

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

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.

The project aims to improve fish passage by removing a redundant weir (shown in figure 2) and associated structures on the River Honddu, Powys. The weir was previously used for gauging but is no longer in use. These works will provide access to 20km of suitable spawning and juvenile salmonid habitat.

Figure 1 attached shows the location of the weir on the River Honddu. Additional images are shown in the appended photo survey.

Figure 1: Location of weir and fish pass (NGR: SO 05031 29744)

The 13m wide, 0.75m high weir to be removed is a concrete broad crested/ crump weir built in the 1960s and with no known current impoundment licence.

The proposed design involves 4 elements:

- (1) Removal of existing concrete weir including wing wall and base on the Western (right bank) and regrade bank stabilise with tree trunks pinned into the bank. Removal of the weir will to reduce residual barriers to fish passage.
- (2) Localised channel levelling only. NRW have requested any upstream sediment should be left in place where possible rather than reprofiling the stream.
- (3) Localised regrading and reinforcement of banks on eastern side.

Scour protection upstream of the footbridge and for banks. This will include:

- Scour protection of the upstream footbridge. Under the bridge, this is to be concrete repairs to the existing scour protection and some localised repointing of masonry.
- Scour protection for the riverbank upstream of the weir and bridge where flow conditions are deemed to be excessive following hydraulic modelling due to the removal of the weir. This to be provided by a combination of rock rolls and erosion protection matting.

The intention is to also remove the recorder house structure.

Following discussions with NRW and contractors, it has been identified that bringing concrete to site will be difficult. Therefore the use of concrete is to be avoided where possible, and the ambition is to use 'green engineering' solutions where possible. The opportunity to reuse materials on site (for instance, crushed concrete from the weir removal itself) will be discussed with the contractor.

The attached Design Philosophy Statement and drawings describe the proposed scheme in further detail.

The site is rural, adjacent to Ancient Woodland, with difficult access. There is a stone arch bridge 50m upstream of the weir which restricts access further. A detailed methodology for removal of the weir is yet to be produced.

Figure 2: Existing concrete crump weir

Summary of proposal

- File: Figure 1 and 2.docx - [Download](#)
- File: Honddu Forge Design Philosophy.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 Gavin Bown
Print name Gavin Bown
Position Head of Mid Wales Operations

Date

* 20/01/2022

Would you like a copy of your submission?

No