

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.

WRNATURALRESOURCESWALES0908

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 impoundment licence. 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.

Credit or debit card

Applicant details

Applicant type

Other (please specify):
Public body

Applicant details

Full Name	Melissa Mahavar-Snow
Company, Charity or Trading Name	Natural Resources Wales
Company or Charity Registration Number	-

Applicant Registered Address

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

Applicant Contact details

Office Telephone Number 07468 742549

Mobile Telephone Number 07468 742549

Email Address melissa.mahavar-snow@cyfoethnaturiolcymru.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

Yes

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: Picture1.png - [Download](#)

Other supporting documents

- File: Official Copy (Register) - CYM179792.pdf - [Download](#)
- File: Official Copy (Register) - CYM184257.pdf - [Download](#)
- File: Official Copy (Register) - CYM206061.pdf - [Download](#)
- File: Official Copy (Register) - CYM582556.pdf - [Download](#)
- File: Official Copy (Title Plan) - CYM179792.pdf - [Download](#)
- File: Official Copy (Title Plan) - CYM184257.pdf - [Download](#)
- File: Official Copy (Title Plan) - CYM206061.pdf - [Download](#)
- File: Official Copy (Title Plan) - CYM582556.pdf - [Download](#)
- File: RH looking upstream.PNG - [Download](#)
- File: Upstream.PNG - [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)

SN6231612649

Source of supply (name of watercourse or aquifer)

Ammanford - River Loughour

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

Tir-y-Dail

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 beyond the weir on the Loughor River, west of Ammanford. This will provide access to 20km of suitable spawning and juvenile salmonid habitat.

The fish easement will be installed as part of the Ammanford Flood Alleviation Scheme (FAS), for which planning permission has been sought - ref PL/01816. Scheme Overview Drawing 272967-ARP-XX-XX-DR-1001 refers to multiple elements of the work that will be undertaken as part of the FAS, of which 'Cwmllwchwr Mill' includes the fish easement/pre-barrage installation at Tir-y-Dail.

The existing weir is a crude crump profile weir which appears to be constructed from blockstone and mass concrete. The weir crosses the River Loughor at an oblique angle. The weir serves as a gauging weir and as protection for a sewer which crosses beneath. The weir is in poor condition, being undercut and scoured in multiple locations with several voids present.

It is proposed that a series of five blockstone pre-barrages (spaced 6m apart longitudinally) will provide fish easement by stepping the upstream water levels down in increments of 0.2m (or less depending on flows) towards the downstream water levels. The pre-barrages will each have a notch (0.5m deep, 0.5m wide) with an adherent nappe profile. These notches are designed to be full at Q95 (0.333 m3/s) and promote streaming flows through 60% submergence by the downstream water level. No water is to be extracted.

A general arrangement and section of the proposed fish/eel pass are shown in attached drawings 272967-ARP-CM-XX-DR-CE-1002 and 272967-ARP-CM-XX-DR-CE-1012.

Summary of proposal

- File: 272967-ARP-XX-XX-DR-XX-0001.pdf - [Download](#)
- File: 272967-ARP-CM-XX-DR-CE-1012.pdf - [Download](#)
- File: 272967-ARP-CM-XX-DR-CE-1002.pdf - [Download](#)
- File: LH bank downstream.PNG - [Download](#)
- File: LH looking upstream.PNG - [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 Martyn P Evans

Print name Martyn P Evans

Position Head of South West Wales Operations

Date

* 09/08/2021

Would you like a copy of your submission?

Yes

Your email address

melissa.mahavar-snow@cyfoethnaturiolcymru.gov.uk