

# Form WRE: Application for a new impoundment licence, technical variation to an impoundment licence or the removal of an existing impoundment

Reference number (The number you generated in form WRA). Example:  
WRNATURALRESOURCESWALES1101

WRNORTHWALESRIVERSTRUST0107

Are you applying for a licence for a new impoundment or an existing impoundment

removal of an impoundment

Impoundment details

All information should correspond with any maps and drawings submitted with this application

|  | Impoundment location name/reference          | Left bank National Grid Reference | Right bank National Grid Reference |
|--|--|-----------------------------------|------------------------------------|
|  | Afon Iwrch, Rhydlanfair, Betws y Coed, Conwy | SH 82864 52982                    | SH 82862 52987                     |
|  | -  | -                                 | -                                  |
|  | -  | -                                 | -                                  |

Provide details about the type of impoundment you propose to construct at the points specified above and how the works will operate. This should include a description of any existing works and how your proposal will affect the flow of inland water.

Tell us the purpose of the works. If the water is to be impounded for more than one purpose, list both the primary and secondary purpose

North Wales Rivers Trust, has been funded by NRW, with hopes to remove the weir on Afon Iwrch in Conwy as well as the wall structure behind it. The purpose of removing this barrier is to improve migratory fish passage upstream to crucial spawning habitat. Afon Iwrch is an Ordinary Watercourse thus no FRAP has been advised. The partial and temporal barrier sought to be removed is located in the lower reach of the Iwrch, approximately 500m upstream of the confluence with the Conwy.

The weir is approximately 1.4m tall from the riverbed (downstream side) and 5.6m in length. There was a notch in the weir that was believed to be carried out by NRW in the past which is approximately 0.6m in length which allows some passage for the fish.

There is a gorge below the weir going under a small road bridge for the nearby farm.

## Description of impoundment

Name of watercourse

Afon Iwrch, Conwy

Will your proposed impoundment result in a change to the submerged area (downstream) or new submerged areas behind (upstream of) the impounding works?  
(If yes, ensure this is shown on any map or drawings submitted)

Yes

Will the ponded area created by the impoundment be lined?

No

Give the height of the impoundment structure, from the downstream toe to crest or top of spillway (in metres above Ordnance Datum). If the proposal involves an existing impoundment, state the change in height (in millimetres).

1400mm

Will the proposal create a raised reservoir?

(A raised reservoir is one where water is stored at a level above the natural level of the lowest level of the surrounding area.)

No

What is the proposed capacity of the impoundment when full to spillway level (in cubic metres)?

-

Does the proposal involve the controlled release of water to safeguard downstream flows?

This could be the release of flood attenuation flows, reservoir compensation flows or a residual flow via a notch or orifice.

No

Is the impounded water to be used for a subsequent purpose?

No

## Fish and eel passage

Confirm the fish species present at your site.

Salmon. Sea Trout.

Please confirm type of fish screen

**Intake** -

**Outfall** -

Please confirm screen height and width - intake (millimetres)

**Width** -

**Height** -

Please confirm screen height and width - outfall (millimetres)

**Width** -

**Height** -

Please confirm screen aperture size (millimetres)

**Intake** -

**Outfall** -

Please confirm type of upstream fish/eel passage intake

-

Please confirm type of downstream fish/eel passage

-

Please confirm proposed flow for fish pass

-

## Construction, maintenance and operation

Provide details of maintenance or activities relating to the operation of the impoundment. Include the extent and frequency of activities. This could include the operation of scour valves or maintenance of a fish pass.

Describe any sediment management plan associated with the impoundment.

N/A - I have sent our Geomorphological photo survey and a Archaeology report to 'permitreceiptcentre@naturalresourceswales.gov.uk' under WRNORTHWALESRIVERSTRUST0107

Do you intend to divert the flow of the inland water while you are building, changing or removing the impounding works?

No

## Proposed Design of Structure

Upload design drawings and calculations here. (Spreadsheet file formats need to be: .xls, .xlsx, or .ods)

- File: Alwrch1\_10000.png - [Download](#)
- File: Afon Iwrch.png - [Download](#)

## Other permissions

Planning permission advice received?

Yes

Is planning permission required?

No

What is the status of the planning permission?

Not required

Have you applied for or do you hold a Flood Risk Activity Permit (FRAP) for the proposed works?

No

## Commercial confidentiality and national security

Are you applying for Commercial Confidentiality?

No

Have you applied to the Welsh Ministers for national security for your application?

No

## 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** E Williams

**Print name** ELIS LLOYD WILLIAMS

**Position** River Project Officer

Date

\* 01/07/2025

Would you like a copy of your submission?

Yes

Your email address

elis@northwalesrivertrust.org