

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

WRAPTECO1404

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

alteration to an existing 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 Abrach, Log House | SH 74849 57795 | SH 74849 57795 |
| | - | - | - |
| | - | - | - |

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

As licensed

Description of impoundment

Name of watercourse

Afon Abrach

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)

No

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).

As licensed

What is the overflow or crest level of the impoundment (in metres above Ordnance Datum)?

As licensed

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)?

As licensed

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.

Yes

Tell us what the proposed flow at the outlet will be and how you intend to measure this. If the works involve monitoring of levels or flows, include details of this.

As licensed

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

Yes

Provide details of subsequent purpose (for abstractions, state the daily and annual quantities in cubic metres).

As licensed

How will the impounded area be filled initially, and subsequently refilled if applicable?

Example: by rainwater, overland flow or pumped from another source.

it is the stream

Fish and eel passage

Confirm the fish species present at your site.

As licensed

Please confirm type of fish screen

Intake As licensed

Outfall As licensed

Please confirm screen height and width - intake (millimetres)

Width As licensed

Height As licensed

Please confirm screen height and width - outfall (millimetres)

Width As licensed

Height As licensed

Please confirm screen aperture size (millimetres)

Intake As licensed

Outfall As licensed

Please confirm type of upstream fish/eel passage intake

As licensed

Please confirm type of downstream fish/eel passage

As licensed

Please confirm proposed flow for fish pass

As licensed

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.

As licensed

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: P1050040.JPG - [Download](#)

Other permissions

Planning permission advice received?

No

Is planning permission required?

No

What is the status of the planning permission?

Approved

Planning permission reference

As licensed

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 Robert Downs

Print name Robert Downs

Position Technology Director

Date

* 25/04/2022

Would you like a copy of your submission?

No

Your email address

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