

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

WRPLASCILYBEBYLL2411

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

a new 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
	SN 75553 04360	SN 75553 04359	SN 75553 04361
	-	-	-
	-	-	-

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

See intake drawing. Impoundment is for hydro intake weir, which is a small coanda screen intake, on a natural step on the watercourse so no significant impoundment

Description of impoundment

Name of watercourse

River Clydach

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).

204.20

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

205.50

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)?

0.5

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.

Hands off flow notch as per document Cilybebyll V Notch Compensation Discharge-RevA submitted with abstraction application

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

No

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

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

Watercourse flows

Fish and eel passage

Confirm the fish species present at your site.
Resident Brown Trout

Please confirm type of fish screen
Intake 1.3mm
Outfall 25mm

Please confirm screen height and width - intake (millimetres)
Width 1500
Height 600

Please confirm screen height and width - outfall (millimetres)
Width 600
Height 600

Please confirm screen aperture size (millimetres)
Intake 1.3
Outfall 25

Please confirm type of upstream fish/eel passage intake
N/A

Please confirm type of downstream fish/eel passage
N/A

Please confirm proposed flow for fish pass
N/A

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.

The intake weir will naturally fill with sediment to crest level and will naturally then pass any further sediment downstream during flows that move sediment. During construction care will be taken to not leave a deep pool on the upstream side of the weir so that fill time and fill volume will be suitably negligible.

Upload documents here

- File: CYBH-DWG-Intake-A-280725-ARC.pdf - [Download](#)

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

Yes

How do you intend to divert the flow of the inland water while you are building, changing or removing the impounding works. Give details.

A dry working area will be created using pipe and sandbags to divert the water around the works. Two 400mm pipes will be used to ensure a safe dry working area. A small pump will be used to pump any remaining water and this will be pumped to a sediment trap, sufficiently away from the watercourse such that any sediment will be released to the ground rather than to the watercourse.

Proposed Design of Structure

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

- File: Cilybebyll Layout RevA 24.11.25.pdf - [Download](#)

Please upload your stage 1 geomorphology photosurvey. Find out more on how to complete your survey on our Geomorphology Photosurveys for Hydropower developments page (opens in new tab)

- File: CYBH-DOC-Hydromorphology Survey Report-A-140725-AC.pdf - [Download](#)

Other permissions

Planning permission advice received?

No

Is planning permission required?

Yes

What is the status of the planning permission?

Submitted

Planning permission reference

PP-14235203

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 Richard Bowen

Print name Richards Bowen

Position Owner

Date

* 24/11/2025

Submit your application

Enter your email address to get a copy of your application

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