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

WRNATURALRESOURCESWALES1708

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
	Llanfair Weir	SH 93036 70479	SH 93071 70474
	-	-	-
	-	-	-

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

Existing impoundment to be removed

Description of impoundment

Name of watercourse

River Elwy

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).
1100

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)?
n/a

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.
Not applicable, Weir is being removed. There will be some regrading to redistribute material held behind the existing weir and the formation of a low flow channel through the centre of the regrade, designed to Q95 flows.

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.
There will be no new impoundment, weir is being removed

Fish and eel passage

Confirm the fish species present at your site.

n/a

Please confirm type of fish screen

Intake n/a

Outfall n/a

Please confirm screen height and width - intake (millimetres)

Width n/a

Height n/a

Please confirm screen height and width - outfall (millimetres)

Width n/a

Height n/a

Please confirm screen aperture size (millimetres)

Intake n/a

Outfall n/a

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.

Existing river gravels to be redistributed once the weir has been removed in the immediate proximity.

Upload documents here

- File: 290013-ARP-IZ-LF-DR-ZX-0003 P02 Existing Weir.pdf - Download
- File: 290013-ARP-IZ-LF-DR-ZX-0005 P02 Check Weir Plan and Sections.pdf - Download
- File: 290013-ARP-IZ-LF-DR-ZX-0008 P02 Proposed Weir Plan and Sections.pdf - Download

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: 290013-ARP-IZ-LF-DR-ZX-0010 Location plan 1-5000.pdf - Download
- File: 290013-ARP-CP-LF-RP-GE-0001 Design philosophy.pdf - Download
- File: ENQ 29480 Response.pdf - Download
- File: 290013-ARP-XX-LF-RP-NX-0002 Llanfair TH WFD assessment addendum.pdf - Download
- File: 290013-ARP-CP-LF-RP-CX-0004 Flooding Report.pdf - Download
- File: 20230829 Faughnan Letter to NRW accepting detriment.pdf - Download
- File: Llanfair Talhaiarn Weir Removal - Detriment File Note.docx - Download
- File: Llanfair TH land ownership.docx - 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

- File: 290013-ARP-CP-LF-PH-CX-0001.pptx - 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 Lyndsey Rawlinson **Print name** LYNDSEY RAWLINSON **Position** Head of North East Wales Operations

Date
* 26/09/2023

Would you like a copy of your submission?
No

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