

# FORM WRD: Application for a new abstraction licence or a technical variation to an abstraction licence

Water Resources Act 1991, Environment Act 1995, The Water Resources (Abstraction and Impoundment) Regulations 2006, The Natural Resources Body for Wales (Functions) Order 2012



**Cyfoeth  
Naturiol  
Cymru  
Natural  
Resources  
Wales**

## 1. Application type

- New full abstraction licence ☐ Give existing licence serial number and/  
New temporary abstraction licence ☐ pre-application reference number  
New licence to transfer water ☐  
Renewal of a time-limited abstraction licence ☒  
Technical variation to an abstraction licence ☐ licence expired on 31 03 2018

For hydropower abstractions, specify the capacity (in kilowatts) of your scheme.

25kW or less ☒ >25 to 50kW ☒ >50 to 100kW ☐ >100kW ☐

## 2. Linked licences

**2.1** Does your proposal involve water rights trading?

No ☒ Yes ☐ If yes, provide licence serial number(s)

NATURAL RESOURCES WALES

03 SEP 2019

CARDIFF

**2.2** Is the licence (to be) aggregated with any other licences?

No ☒ Yes ☐ If yes, provide licence serial number(s)

## 3. Abstraction details

Provide details of all points of abstraction. Details of abstraction location(s) should correspond with any maps submitted.

If necessary, continue on a separate sheet and tick here to show that you have done this ☐

Abstraction location name / reference	Type (single point / reach)	National Grid Reference (12 digit)	If a reach, downstream National Grid Reference (12 digit)
Afon Mynach	Run of river	282858 324888	283138 324581

## 4. Means of abstraction

Detail the structure and equipment involved in the abstraction process. If this information is detailed in a supporting document, provide the document reference. For groundwater abstractions, include borehole depth and diameter and provide details of screening and lining.

If necessary, continue on a separate sheet and tick here to show that you have done this. ☐

Weir and new wedge wire colander screen with 3 mm gaps from existing impoundment.  
70% turbine share weir  
HOF slot and 30% depleted reach share weir  
Elver pass  
see screen drg attached

### 5. Abstraction quantities

Provide details of the abstraction quantities and periods proposed, including any deregulated abstractions (< 20 cubic metres per day) you currently have. Details of abstraction locations should correspond with any maps submitted.

Abstraction location name / reference	Purpose which water will be used for	Abstraction period (state 'all year' or give months)	Maximum annual abstraction volume (cubic metres)	Maximum daily abstraction volume (cubic metres)	Maximum hourly abstraction volume (cubic metres)	Number of hours of abstraction per day	Peak abstraction rate (litres per second)
Afon Mynach	HEP	All year	2209032	6048	252	24	70
282858							
324888							
Total			2209032	6048	252		

### 6. Calculations and supporting information

Please provide further details of your intended use of water, including calculations in support of the quantities you have requested, your operational regime and any management agreements. See Guidance Note WRX for details of what is required. If your proposal involves the provision of a residual flow via a notch or orifice, provide information on how this has been calculated.

If necessary, continue on a separate sheet and tick here to show that you have done this. ☐

See attached spread sheet

## 7. Industry-specific requirements

Complete the relevant table in line with the purpose of your proposal to demonstrate a justification of need for the quantities proposed. For uses not covered here or to provide further details, please use a separate sheet and tick here to show that you have done this ☐

### 7.1 For agricultural use:

Crop type	Soil type (for multiple soil types, indicate approximate split)	Maximum area of crop to be irrigated annually (hectares)	Maximum annual depth of irrigation to be applied (millimetres)

Livestock type	Number of animals	Maximum daily quantity of water used (cubic metres)	Comments
Provide details of any additional requirements (washing / cleaning)			

### 7.2 F

Feature	Maximum area to be irrigated daily (hectares)	Maximum depth of water to be applied daily (millimetres)

### 7.3 For industrial use:

Industry sector or process type	Water use per unit produced (state units)	Maximum units produced per year

### 7.4 For hydropower: