

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

Application type

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

WRPPEML2701

Are there any applications currently being assessed by us that are linked to this application?

No

Is the proposed abstraction going to be aggregated with another existing abstraction?

No

Are any applications, at the same site; being assessed by the Environment Agency?

No

Abstraction details

Abstraction location name/reference

unnamed stream above Gygyrog Wen

Abstraction point type

Single point

National Grid Reference

SN 65357 98227

Do you have any further points of abstraction?

No

Means of abstraction

Provide full details of the equipment you propose to use to abstract water, such as maximum pump capacity and any relevant dimensions, e.g. pipe diameter. For groundwater abstractions, include details about the borehole (depth and diameter) and details of screening and lining.

un-pumped abstraction through gravel filter then via 50mm pipe to treatment plant.

Please upload your drawings and calculations here. (Spreadsheet file formats need to be: .xls, .xlsx, or .ods)

- File: Plas Panteidal - abstraction point 2.JPG - [Download](#)
- File: DSC_4395.JPG - [Download](#)
- File: Plas Panteidal Weir.pdf - [Download](#)
- File: Plas Panteidal Impoundment.pdf - [Download](#)

Abstraction quantities

Abstraction location name/reference

unnamed stream above Glygyrog Wen

What purpose will the water be used for?

domestic use

Period of abstraction

Will it be all year?

Yes

Maximum quantities (cubic metres)

Annual 5840

Daily 20

Hourly 1

Peak abstraction rate (in litres per second)

1

Number of hours of abstraction per day

24

Add quantities for another location?

No

Calculations and supporting information

Use this section to show us how you have calculated the amount of water you require. This should include details of your operational regime (for example, number of hours and days you intend to abstract, number of units produced or area to be irrigated). We use this information to determine if the volumes you propose to abstract are appropriate for the purpose. Depending which industry you are in, you may need to provide additional information below.

If your proposal involves the provision of a residual flow via a notch or orifice, provide information on how this is being calculated. This should include details of the equation being used.

Water is for domestic usage only.

Average usage as recorded on meter is 16 cubic metres per day maximum recorded is 20 cubic metres per day.

Usage per second is predicted as 0.3 L/s but has been rounded up to 1 in previous entry.

Means of measurement

State how you intend to measure the quantity of water you abstract. You do not need to do this for a temporary or transfer licence.

Meter

Water efficiency

Provide details of what measures you provide or intend to implement, to ensure efficient use of water. This could include water storage, re-use or recirculation, monitoring and checking for leaks, undertaking water audits or other industry specific good practice.

Usage is monitored on an approved water meter daily and the distribution pipework and tanks periodically inspected. Abstraction is controlled by ball valve at storage tanks.

Fish and eel considerations (surface water abstractions only)

Confirm the fish species present at your site. If you're not proposing any measures to protect fish and eels, you must justify this. For example, we may have confirmed in our pre-application response that the intake is inaccessible to fish or you undertook a fish survey to confirm.

No fish or eels present at the source.

Other abstractors / water users

Provide details of nearby abstractors or users of water who could be affected by your proposal. This should include deregulated users (exempt activities or abstractions < 20 cubic metres per day), anglers and canoeists. Your local authority's environmental health will hold details of exempt domestic abstractors.

None

Planning application

Have you sought advice on your planning 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 Jonathan Starbuck

Print name Jonathan Starbuck

position Director

Date

* 27/01/2026

Submit your application

Enter your email address to get a copy of your application

admin@ppeml.org