

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

WRDWRCYMRU1609

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

Tell us when you want your abstraction licence to end: [DD/MM/YY]

31/12/2039

If you require a shorter or longer duration licence, please provide details and your justification

We would like the licence to be valid for as long as possible please.

Abstraction details

Abstraction location name/reference

Plas Uchaf Reservoir

Abstraction point type

Single point

National Grid Reference

SH 96876 71403

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.

Syphons via gravity (as per existing licence, no change to existing infrastructure)

Abstraction quantities

Abstraction location name/reference

Plas Uchaf Reservoir

What purpose will the water be used for?

Water Supply

Period of abstraction Will it be all year?

Yes

Maximum quantities (cubic metres)

Annual 5,000,000

Daily 22,000

Hourly 920

Peak abstraction rate (in litres per second)

280

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.

As per existing licence. Typical recent actual abstractions have been ~90% of the annual licence volume.

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.

We continually monitor local meters and telemetry for an early indication of leakage. Detection activities are prioritised and actioned quickly to find and fix. Our private leakage policy does include notification to customers of leakage found on private pipework and does include a free repair offer. Leaks are quantified, reported and monitored routinely.

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.

As per existing licence. Offline pump storage reservoir.

Discharge details

Provide a description of the structure and equipment involved in discharge.

N/A

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.

No changes to existing volumes on the licence, therefore no impact on 3rd parties

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 Ian Christie

Print name Ian Christie

position Managing Director Water, Asset Planning and Capital Delivery

If an agent is to sign on behalf of the Licence Holder, a letter of authorisation from the Licence Holder is required.

- File: 4_Letter of Authority (Ian Christie).pdf - [Download](#)

Date

* 20/10/2021

Would you like a copy of your submission?

Yes

Your email address

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