

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

WRMATWFEAKINS1011

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

CELIWIG

Abstraction point type

Single point

National Grid Reference

SO 27258 15987

Do you have any further points of abstraction?

Yes

Abstraction details - Further points

Abstraction location name/reference

cELLIWIG 2

Abstraction point type

Single point

National Grid Reference

SO 27415 15951

Do you have any further points of abstraction?

Yes

Abstraction details - Further points

Abstraction location name/reference

CELIWIG 3

Abstraction point type

Single point

National Grid Reference

SO 27582 15842

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.

25-80 METERS DEEP, DRILING AT 200MM WITH 140 X 126MM CASING. WE ARE HOPING TO ACHEIVE A MAXIMUM OF 100M3 PER DAY BETWEEN THE THREE BOREHOLES BUT WILL NOT KNOW HOW EACH HOLE PERFORMS UNTIL WE DRILL AND TEST

If necessary, continue on a separate sheet and upload below.

- File: HYG871 R 210215 PMo Ty'r-Ywen Farm BHP.pdf - [Download](#)

Abstraction quantities

Abstraction location name/reference
Celliwig 1
What purpose will the water be used for?
Domestic use and soft drinks
Period of abstraction Will it be all year?
Yes
Maximum quantities (cubic metres)
Annual 27000m ³ Daily 100m ³ Hourly 4.16m ³
Peak abstraction rate (in litres per second)
1.15
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.

These are the maximum amounts that we would require for a soft drinks enterprise.

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.

This would be a brand new operation with the highest quality of design to ensure efficient use of water

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, other than those within the report which I think are too far away to be effected.

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 M Feakins
Print name M Feakins
position Owner applicant

Date

* 10/11/2021

Would you like a copy of your submission?

Yes

Your email address

mrfeakins@yahoo.com