

# 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

WRENVROWALES0911

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]

31/03/29

## Abstraction details

Abstraction location name/reference

Borehole A

Abstraction point type

Single point

National Grid Reference

SO 15359 12850

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.

This is a licence renewal application for the existing groundwater abstraction borehole. The borehole is 66m deep, 165mm in diameter and has a screened section between 30 and 64m below ground level.

## Abstraction quantities

Abstraction location name/reference

Borehole A

What purpose will the water be used for?

Industrial

Period of abstraction Will it be all year?

Yes

Maximum quantities (cubic metres)

**Annual** 33,901.2

**Daily** 92.88

**Hourly** 3.87

Peak abstraction rate (in litres per second)

1.075

Number of hours of abstraction per day

Up to 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.

The proposed abstraction limits remain unchanged from the current licence conditions. Please refer to attached Hydrogeological Impact Appraisal

Additional document. (Spreadsheet file formats need to be: .xls, .xlsx, or .ods)

- File: NS\_0118\_09-EnviroWales Licence Renewal\_HIA\_V1.0\_11.10.2021.pdf - [Download](#)

## 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.

Water abstraction and use will be monitored. This application seeks to renew the existing licence and terms only.  
Please refer to Hydrogeological Impact Appraisal report.

## 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.

Please refer to the Hydrogeological Impact Appraisal

## 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** SB Kelly  
**Print name** Brian Kelly  
**position** EHS Director

If you need to submit additional signatures, please upload here in a separate document.

- File: SBK Signature.docx - [Download](#)

Date

\* 19/11/2021

Would you like a copy of your submission?

Yes

Your email address

nicola@nsugg.co.uk