

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

WRSWTRA1301

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]

March 2022

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

A temporary 28 day licence is being applied for with works to start 31st January at the earliest.

Abstraction details

Abstraction location name/reference

Field between A40 and Afon Tywi near Llanegwad

Abstraction point type

Area

National Grid Reference

SN 52566 21415

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.

Temporary pump to be used to pump water along a temporary hose pipe from the area of the red hatch on the attached plan closest to the ground anchor installation point

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

- File: JR45_101-ATK-HGN-SWTRA-DR-CH-000010-P01.1 NRW Abstraction.pdf - [Download](#)

Abstraction quantities

Abstraction location name/reference

Field between A40 and Afon Tywi near Llanegwad

What purpose will the water be used for?

Construction of water flushed ground anchors

Period of abstraction Will it be all year?

No

Start Date: [DD/MM/YY]

02/02/22

End Date: [DD/MM/YY]

01/03/22

Maximum quantities (cubic metres)

Annual 2700m³

Daily 100m³

Hourly 15m³

Peak abstraction rate (in litres per second)

TBC

Number of hours of abstraction per day

6

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 total volume of water required to complete the work is greater than the 20m³ requested under this temporary licence application with the remainder to be sourced from the nearest DCWW hydrant.

It is considered that having multiple sources of water including abstraction from the river and the DCWW hydrant will provide flexibility during construction particularly in relation to weather risks.

The volume of water to be extracted from the river each day will be monitored to ensure the 20m³/day threshold is not exceeded.

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.

Other (please specify):

Not required as temporary licence being applied for

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 is proposed to be used for water flush drilling of ground anchors with the water then returning to the ground.

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.

Water is not proposed to be discharged back into the watercourse.

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 - temporary licence application

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 R JONES

Print name RICHARD JONES

position HEAD OF SOUTH WALES TRUNK ROAD AGENT

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

- File: Letter to Natural Resources Wales.pdf - [Download](#)

Date

* 17/01/2022

Would you like a copy of your submission?

Yes

Your email address

jon.robinson@atkinsglobal.com