

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

WRNCONWYGOLFCLUB2801

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

Yes

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

Yes (Please let us know the licence it will be aggregated with)
WA/366/0011/0001

Linked applications

Please confirm how this application is linked to the other application(s)

Example: this application could be one of multiple abstractions and/or impoundment licence applications at the same site. The proposal could involve water rights trading, or this application could be linked to another application for a previously exempt activity.

AS PER EXISTING LISCENCE

Linked application numbers

WA/366/0011/0001

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

No

Abstraction details

Abstraction location name/reference
Underground strata at Conwy (Caernarvonshire) Golf Club, Beacons Way, Conwy.

Abstraction point type
Single point

National Grid Reference
SH 76948 78696

Downstream National Grid Reference (If abstracting from a reach), or corners of the area.
SH 76909 78716 SH 76867 78744 - -

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.
AS PER EXISTING LISCENCE

Abstraction quantities

Abstraction location name/reference
CONWY GOLF CLUB

What purpose will the water be used for?
IRRIGATING GOLF COURSE

Period of abstraction Will it be all year?
No

Start Date: [DD/MM/YY]

AS PER EXISTING LISCENCE

End Date: [DD/MM/YY]

AS PER EXISTING LISCENCE

Maximum quantities (cubic metres)

Annual 16,426.076

Daily 315

Hourly 33.89

Peak abstraction rate (in litres per second)

564.83

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.

We use a Trident Irrigation Management System (version3.20) from Bailoy Products Ltd to irrigate. This system records the amount of water we use. see attached file which shows water usage for 2020 and 2021

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

- File: 183689315_12734613_2133941.pdf - [Download](#)

Industry-specific requirements

For golf course irrigation

	Maximum area to be irrigated daily (hectares)	Maximum depth of water to be applied daily (millimetres)
Tees	1.5	4
Greens	1.5	4
Fairways	15	4
Others	5	4

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.

The dominant grasses at Conwy Golf Club are fescue which survives with small amounts of water, we use as little as possible to encourage those fescue grasses and discourage other grasses colonising the site.

Water usage is closely monitored as we are signed up to the GEO Foundation for Sustainable Golf We regularly use surfactants which reduces our need for water

The grounds staff carry out regular inspections of the system to make sure it is good working order Conwy golf club are also contracted to professional company to 'open up' and 'close down' out system each year which includes a report on and faults or potential problems. They carry out any repairs that cant be done by the grounds staff

The water tank we hold water in is 2 years old and in perfect condition

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.

as per existing licence

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 Wilcock
Print name MARC WILCOCK
position GOLF COURSE MANAGER

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

- File: Signed trustee declaration_2022.pdf - [Download](#)

Date

* 13/05/2022

Would you like a copy of your submission?

Yes

Your email address

greens@conwygolfclub.com