

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

WRPENNARDGOLFCLUB2304

For hydropower abstractions, specify the capacity (in kilowatts) of your scheme.

>50 to 100kW

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)
22/59/4/0035

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.

Linked to an application to renew our original abstraction agreement of 40,000m3

Linked application numbers

WRPENNARDGOLFCLUB2304

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

No

Abstraction details

Abstraction location name/reference
PARKMILL

Abstraction point type
Single point

National Grid Reference
SS 54333 88876

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.
Submersible Lowara Pump able to pump up to 16m ³ per hour.

Abstraction quantities

Abstraction location name/reference
PARKMILL - SS 54333 88876

What purpose will the water be used for?
Golf Course Irrigation system

Period of abstraction Will it be all year?
No

Start Date: [DD/MM/YY]
01/04/26

End Date: [DD/MM/YY]

30/09/51

Maximum quantities (cubic metres)

Annual 40,000

Daily 190

Hourly 16

Peak abstraction rate (in litres per second)

4.5

Number of hours of abstraction per day

12

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 currently have an irrigation system that covers the smaller areas of the golf course that uses a maximum of 15,000m³ between the months of April and October, this is only used in extremely dry conditions and spring/summer seasons.
eg 2024 less than 8,000m³ was used as it was a wet year.

The proposed new Fairway irrigation system as mentioned and described in our application would use an additional amount of between 15,000-25,000m³ depending on conditions that calendar year.

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	1
Greens	1.2	3
Fairways	10	2
Others	.5	1

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 are as sustainable as we can when it comes to water usage at the Golf Club, daily irrigation checks are carried out to check all equipment, wash down bays for machinery are monitored. Full system drain down and start up is completed post and pre season.
Weekly meter readings are taken and logged.

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.

Our point and location of abstraction is at a point that is within 900 meters of entering the sea levels, there is no other abstraction users between us and the sea.

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 Ceri Llewellyn
Print name Ceri Llewellyn
position Course & Club Manager

Date

* 30/05/2025

Would you like a copy of your submission?

Yes

Your email address

manager@pennardgolfclub.com