

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

WREnvireauWater2903

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?

Yes (Please let us know the licence it will be aggregated with)

The following two abstraction licenses Ref. 24/67/9/0137 and 24/67/9/0126 are already aggregated, and the proposed changes are to apply to both.

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]

See APP Pack - Castle Cement Padeswood, Continuation Sheet

Submit additional details if required

- File: APP Pack - Castle Cement Padeswood.pdf - [Download](#)

Abstraction details

Abstraction location name/reference

Borehole 1 (ref 24/67/9/0137)

Abstraction point type

Single point

National Grid Reference

SJ 34123 61316

Do you have any further points of abstraction?

Yes

Abstraction details - Further points

Abstraction location name/reference

Borehole 2 (Ref 24/67/9/0126)

Abstraction point type

Single point

National Grid Reference

SJ 34123 61316

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.

See APP Pack - Castle Cement Padeswood, Continuation Sheet

Abstraction quantities

Abstraction location name/reference

Borehole 1 (ref 24/67/9/0137) and Borehole 2 (ref 24/67/9/0126)

What purpose will the water be used for?

Manufacture of Cement - Process and Cooling and CCS - Evaporative Cooling

Period of abstraction Will it be all year?

Yes

Maximum quantities (cubic metres)

Annual 1,445,400

Daily 3,960

Hourly 165

Peak abstraction rate (in litres per second)

45

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.

See APP Pack - Castle Cement Padeswood, Continuation Sheet

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.

See APP Pack - Castle Cement Padeswood, Continuation Sheet

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.

See APP Pack - Castle Cement Padeswood, Continuation Sheet

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 Philip Ham
Print name Philip Ham
position Agent to Castle Cement Ltd

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

- File: LET AUTH - signed.pdf - [Download](#)

Date

* 29/03/2023

Would you like a copy of your submission?

Yes

Your email address

jennyharrison@envireauwater.co.uk