

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

WRCEMEX2401

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]

31/03/28

Abstraction details

Abstraction location name/reference

Raynes Quarry - Area A

Abstraction point type

Area

National Grid Reference

SH 88549 78318

Downstream National Grid Reference (If abstracting from a reach), or corners of the area.

SH 88549 78318
SH 88740 78231
SH 88646 78098
SH 88597 78095

Do you have any further points of abstraction?

Yes

Abstraction details - Further points

Abstraction location name/reference

Raynes Quarry - Area B

Abstraction point type

Area

National Grid Reference

SH 88658 78055

Downstream National Grid Reference (If abstracting from a reach), or corners of the area.

SH 88658 78055
SH 88893 78210
SH 89029 78118
SH 89154 78150

Do you have any further points of abstraction?

Yes

Abstraction details - Further points

Abstraction location name/reference

Raynes Quarry - Area B (continued)

Abstraction point type

Area

National Grid Reference

SH 89259 78045

Downstream National Grid Reference (If abstracting from a reach), or corners of the area.

SH 89259 78045

SH 89297 78010

SH 89237 77789

SH 89061 77789

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.

Diesel suction pump with a capacity of 350 m³/h.

Abstraction quantities

Abstraction location name/reference

WRCEMEX2401

What purpose will the water be used for?

Dewatering

Period of abstraction Will it be all year?

Yes

Maximum quantities (cubic metres)

Annual 973642

Daily 7000

Hourly 350

Peak abstraction rate (in litres per second)

97.2

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.

Flow meter records for the period 01/01/24 - 24/01/25:

Total volume: 760,089 m³

Max daily volume: 6,754 m³

Max hourly volume: 380 m³

Max instantaneous: 94 l/s.

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.

Pipes are checked for leaks.

Discharge details

If you intend to return any of the abstracted water to the environment, provide details below. Details of discharge location(s) should correspond with any maps submitted. Do not include discharges to a public sewage system.

	Discharge location name / reference	National Grid Reference of discharge point (12 digit)	Total volume to be discharged (cubic metres)	Environmental Permit for Water Discharge Activity number (if applicable)
	Outlet 1	SH 88677 78683	4,010 m3/d	EPR/CB3099CX
	-	-	-	-
	-	-	-	-
	-	-	-	-

Provide a description of the structure and equipment involved in discharge.

Discharge pipe descending vertically to the sea from a jetty.

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.

No details.

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 CM Pointer
Print name Chris Pointer
position Principal Hydrogeologist

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

- File: my signature.jpg - [Download](#)

Date

* 25/01/2025

Would you like a copy of your submission?

Yes

Your email address

christophermichael.pointer@cemex.com