

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

WRGRYPHQUARR0803

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

Abstraction details

Abstraction location name/reference

Trefil Quarry

Abstraction point type

Single point

National Grid Reference

SO 12140 13540

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.

Please refer to document 330201714TN1

If necessary, continue on a separate sheet and upload below.

- File: 330201714TN1 Trefil Quarry Abstraction licence applications Final.pdf - [Download](#)

Abstraction quantities

Abstraction location name/reference

Quarry sump

What purpose will the water be used for?

Dust suppression

Period of abstraction Will it be all year?

Yes

Maximum quantities (cubic metres)

Annual 7440

Daily 68

Hourly 68

Peak abstraction rate (in litres per second)

19

Number of hours of abstraction per day

9

Add quantities for another location?

Yes

Abstraction quantities - Another location

Abstraction location name/reference
Quarry sump
What purpose will the water be used for?
Dewatering
Period of abstraction Will it be all year?
Yes
Maximum quantities (cubic metres)
Annual 289300 Daily 38000 Hourly 1580
Peak abstraction rate (in litres per second)
439
Number of hours of abstraction per day
24
Add quantities for another location?
No

Calculations and supporting information

<p>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.</p> <p>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.</p>
Please refer to 330201714TN1

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

- File: 330201714TN1 Trefil Quarry Abstraction licence applications Final.pdf - [Download](#)

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.

Please refer to document 330201714TN1

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)
	Sample point	SO 118 133	No limit	ANO 258201
	-	-	-	-
	-	-	-	-
	-	-	-	-

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

Please refer to document 330201714TN1

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.

Please refer to document 330201714TN1

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 pp. EWilson

Print name ELIZABETH WILSON

position Stantec UK Ltd

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

- File: WRD Form Signature.pdf - [Download](#)

Date

* 09/03/2022

Would you like a copy of your submission?

Yes

Your email address

elizabeth.wilson@stantec.com