

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

WRGEO2REMEDICATION0909

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?

No

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.

This application is issued in tandem with the following applications:

- PAN-029991 - Environmental permitting application for Groundwater remediation treatment system at Enterprise Autos
- PAN-029990 – Groundwater Investigation Consent (GIC) application. This application has been withdrawn following conversations with NRW which stated that a GIC was not needed for this activity.

Linked application numbers

PAN-029991

PAN-029990

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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]

31/03/2029

Abstraction details

Abstraction location name/reference
Enterprise Autos Service Station - Borehole S10
Abstraction point type
Single point
National Grid Reference
ST 21393 98054
Do you have any further points of abstraction?
Yes

Abstraction details - Further points

Abstraction location name/reference
Enterprise Autos Service Station - Borehole S12
Abstraction point type
Single point
National Grid Reference
ST 21391 98034
Do you have any further points of abstraction?
Yes

Abstraction details - Further points

Abstraction location name/reference
Enterprise Autos Service Station - Borehole S21

Abstraction point type

Single point

National Grid Reference

ST 21384 98020

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 supporting document Report ref. 25/0816.28.1 - Abstraction Licence Report

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

- File: 1. Geo2, 0816.28.1 Enterprise Autos, Newport, Abstraction licence application_inc_appendix.pdf - [Download](#)

Abstraction quantities

Abstraction location name/reference

Enterprise Autos Service Station - Borehole S10

What purpose will the water be used for?

Water treatment with further discharge back to the aquifer

Period of abstraction

Will it be all year?

Yes

Maximum quantities (cubic metres)

Annual 15768

Daily 43.2

Hourly 1.8

Peak abstraction rate (in litres per second)

0.5

Number of hours of abstraction per day

24

Add quantities for another location?

Yes

Abstraction quantities - Another location

Abstraction location name/reference

Enterprise Autos Service Station - Borehole S12

What purpose will the water be used for?

Water treatment with further discharge back to the aquifer

Period of abstraction Will it be all year?

Yes

Maximum quantities (cubic metres)

Annual 10512

Daily 28.8

Hourly 1.2

Peak abstraction rate (in litres per second)

0.33

Number of hours of abstraction per day

24

Add quantities for another location?

Yes

Abstraction quantities - Another location

Abstraction location name/reference

Enterprise Autos Service Station - Borehole S21

What purpose will the water be used for?

Water treatment with further discharge back to the aquifer

Period of abstraction Will it be all year?

Yes

Maximum quantities (cubic metres)

Annual 10512

Daily 28.8

Hourly 1.2

Peak abstraction rate (in litres per second)

0.33

Number of hours of abstraction per day

24

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

- File: Abstraction_quantities_wrd_form.xlsx - [Download](#)

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 supporting document Report ref. 25/0816.28.1 - Abstraction Licence Report

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

- File: 1. Geo2, 0816.28.1 Enterprise Autos, Newport, Abstraction licence application_inc_appendix.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.

The proposed works will be water balance neutral, pumping water from the hydraulic downgradient boundary and returning treated water at the upgradient end of the site

See supporting document Report ref. 25/0816.28.1 - Abstraction Licence Report

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)
Enterprise autos borehole D1	ST 21426 98021	50.40 m3/day	-
Enterprise autos borehole D2	ST 21428 98032	50.40 m3/day	-
-	-	-	-
-	-	-	-

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

See supporting document Report ref. 25/0816.28.1 - Abstraction Licence Report

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 supporting document Report ref. 25/0816.28.1 - Abstraction Licence Report

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 Adam Wilson

Print name Adam Wilson

position Director

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

- File: 7. Geo2 Abstraction Declaration.pdf - [Download](#)

Date

* 12/09/2025

Submit your application

Enter your email address to get a copy of your application

adam.wilson@geo2.co.uk