

Apply to renew or change an abstraction or impoundment licence (WRI)

Type of variation/renewal

Indicate the change(s) you wish to make to your licence(s) here.

Same terms renewal (where no environmental or other concerns have been raised in your renewal reminder letter)

The licence(s) you want to change/renew

Provide the licence serial number(s) which the proposed change/renewal relates to

WA/065/0006/007

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Application fee

Please indicate how you wish to pay your application fee. If paying by BACS, please quote the reference number created when setting up the bank transfer.

If paying by cheque, please ensure you add the six digit cheque number below.

BACS

Please add your BACS reference below

WA0650006007

Is this proposal as a result of a Restoring Sustainable Abstraction programme or other work remediation work, to prevent and reduce environmental damage requested by us?

No

Are you making this application as part of an agreement to trade water rights? Water rights trading is where a Licence Holder sells all or part of their abstraction licence rights, permanently or temporarily, to another person.

No

Provide details below

Simple renewal of Abstraction License WA/065/0006/007 at SH 61788 47203 for Hydropower

Existing Licence Holder details

Provide details of the existing Licence Holder.

Full Name	John Orkney-Work
Company, Charity or Trading Name	NA
Company or Charity Registration Number	NA

Registered Address

Building and street	56c High Street -
Town and City	Newport Pagnell
County	Buckinghamshire
Postcode	MK16 8AQ
Office Telephone Number	07737334829
Mobile Telephone Number	07737334829
Email Address	j.orkneywork@sky.com

Details of individual or agent authorised to act as a point of contact

This is who we will correspond with unless otherwise informed. If an agent signs on behalf of an applicant, a letter of authorisation from the applicant is required

Full Name	Phil Maher
Company, Charity or Trading Name	Hydromatch Ltd
Company or Charity Registration Number	5602620

Registered Address

Building and street	10 Fore Street Uffculme
Town and City	Cullompton
County	Devon
Postcode	EX15 3AN
Office Telephone Number	07737499872
Mobile Telephone Number	07737499872
Email Address	phil@hydromatch.co.uk

Specify who we should contact with regard to

	Applicant	Agent
Operations (on site) contact		X
Invoice contact		X

Details of individual authorised to act as abstraction records (returns) contact

Specify who we should contact regarding abstraction records (returns)

Existing returns contact

Are you applying to apportion your licence? Find an explanation of apportionment on our website.

No

Are you applying for a simple change?

No

Same terms renewal

Are you applying for a same terms renewal?

Yes

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 water usage has been lower than your licensed volumes, you will need to provide additional information to demonstrate your continued need for the water, for example, additional justification or a Business Case.

Operation regime is 24hrs per day and 365 days per year
 2,246.4 cubic metres per day
 819,936 cubic metres per year
 At an instantaneous flow rate not exceeding 26 litres per second
 Net operating head (metres) 103.5
 Turbine efficiency 0.75
 Transmission system efficiency 1.0
 Generator efficiency 0.9
 Calculated HAF (cubic metres per kWh) 5.258000

	% abstraction and zone applied for	Average gradient of depleted reach (%)	Catchment size above abstraction point (kilometres squared)	Net head between abstraction and discharge points (metres)
	60	39	0.54	103.5

	Turbine efficiency (%)	System efficiency (%)	Maximum power output (kilowatts)	Annual capacity (kilowatt hours)
	75	67.5	15	65000

State the length of depleted reach (in metres)

290

Provide the flow data (in cubic metres per second) & ratios specified below:

Q95 0.002
Q10 0.061
Qmean 0.026
What is the ratio of Q95:Qmean? 0.085
What is the ratio of Q10:Qmean? 2.35

What low flow protection (Low flow protection is the flow rate above which abstraction can begin and is separate to the abstraction % take) do you propose to maintain in the depleted reach when the hydropower scheme is operating (in m³/s)?

0.002

Provide details of what measures you provide 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 practise.

Checking for leaks, ensuring the the system is well maintained and in good, efficient working order at all times

If your renewal reminder letter asked for any additional information to be submitted with your application, please upload it here.

- File: Low Flows Output.pdf - [Download](#)

Different terms renewal

Are you applying for a different terms renewal

No

Signatures: existing Licence Holder (for all changes), and proposed Licence Holder(s) for Transfers and Apportionments

Existing Licence Holder's signature

Full Name John Orkney-Work

Position License Holder

Signature J Orkney-Work

Date 05/12/2024

GDPR, National Security, and Commercial Confidentiality

Only tick the box below if you wish to claim confidentiality for your application.

Please treat the information in my application as confidential

Upload evidence to support your confidentiality claim

- File: Confidentiality not required for application.pdf - [Download](#)

Please confirm you have provided evidence to support your confidentiality claim

Yes

Would you like a copy of your submission?

Yes

Your email address

phil@hydromatch.co.uk