

# FORM WRA: Applicant details and proposal outline

## Application type and fee

Please generate a reference number. It should start with "WR" followed by your organisation or company name and today's date in four-digit format (DDMM) without spaces or punctuation.

Example: WRNATURALRESOURCESWALES1101

Please use this use this number throughout this application. This reference number can also be used for your BACS reference if paying electronically.

WRHYDROMATCH0504

For the application types listed, complete this form and/or the relevant additional forms named below. Tick the type of application you are applying for. Please refer to our Find out if you need a licence web-page for an explanation for the different licence types. If your proposal involves multiple licence types, tick all that apply.

See our Charges for abstraction and impoundment applications web page for details of application fees and how to pay.

New full abstraction licence. Also complete form WRD.

Please indicate how you wish to pay your application fee. If paying by BACS, please quote the reference number created in question 1 when setting up the bank transfer.

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

Credit or debit card

## Applicant details

Applicant type

Individual

Applicant details

**Full Name** Daniel Eckman

**Company, Charity or Trading Name** -

**Company or Charity Registration Number** -

#### Applicant Registered Address

**Line 1** Maerdy Mill  
**Line 2** Maerdy  
**Line 3** Corwen  
**Line 4** Conwy  
**Postcode** LL21 0NR

#### Applicant Contact details

**Office Telephone Number** 07423669095  
**Mobile Telephone Number** 07423669095  
**Email Address** danieleckman80@gmail.com

Please indicate who we should contact regarding operation of your site, this should be the person responsible for the day to day running of the operation.

	Applicant	Agent
Site operations contact		X

For applications for abstraction licences, please also specify who we should contact for invoices and abstraction records (returns).  
Not necessary for temporary or transfer licence applications.

	Applicant	Agent
Invoice address	X	
Abstraction records contact	X	

### Details of agent or individual authorised to act as application contact

#### Use applicant contact details

No

#### Application details

**Full Name** Phil Maher  
**Company, Charity or Trading Name** Hydromatch Ltd  
**Position in Company** Director

#### Applicant Registered Address

**Line 1** 10 Fore Street  
**Line 2** Uffculme  
**Line 3** Cullompton  
**Line 4** Devon  
**Postcode** EX15 3AN

#### Applicant Contact details

**Office Telephone Number** 07737499872  
**Mobile Telephone Number** 07737499872  
**Email Address** phil@hydromatch.co.uk

### Entitlement to apply (not required for impoundment licence applications)

Does the applicant have a legal right of access to the point of abstraction?

Has an expected right of access

Date these access rights are expected

\* 22/05/2023

Site map showing abstraction points

- File: POA at weir.png - [Download](#)

Other supporting documents

- File: Maerdy Mill red line boundary.png - [Download](#)

For abstraction licence applications where you are the landowner, provide a map with the land boundary and all abstraction and discharge point(s) marked.

Please tick here to show that you have done this.

For abstraction licence applications where you are the occupier or have rights of access, please also provide the additional evidence as outlined above.

Please tick here to show that you have done this.

For expected rights of access, please also provide the additional evidence as outlined above.

Please tick here to show that you have done this.

## Pre-application number

Have you undertaken a pre-application enquiry or had any previous discussions with us?

Yes

Provide reference number or staff member's name

PPN-00999 Sarah Senior

## Remediation work

Is this proposal as a result of a Restoring Sustainable Abstraction programme or other work requested by us?

No

## Source of supply

State where you intend to abstract from

Surface Water. e.g. Stream, leat, spring

Provide a 12 digit National Grid Reference for the proposed or existing abstraction or impoundment point (e.g. ST 19057 76826)

SJ 01675 44526

Source of supply (name of watercourse or aquifer)

Afon Ceirw

Site name / reference  
(e.g. Tŷ Mawr Farm)

Maerdy Mill

## Proposal summary

Please provide an outline of your proposal, including any sketches.

As a guide, you should include: a description of the activities which (will) take place at your site, the means of abstraction/impoundment proposed, if the proposal is related to another licence or permit (i.e. an Environmental Permit to Discharge Water) and details of any survey work undertaken. For changes to existing licences, summarise the changes proposed. Sketches or photographs that will aid our understanding of your proposal can be uploaded below.

Generation of electricity using an hydropower scheme consisting of an overshot waterwheel with a diameter of 2.7 metres and a width of 1.0 metre.

The hydropower system was installed and commissioned in 2008 when the site was owned by Environment Agency Wales and run as a salmon hatchery.

The maximum (design) flow rate of this system is 200 litres per second. At this flow the power output of the generator is 3.6 kW. The existing culvert and leat system has limited capacity which restricts the flow to approximately this level. A section of the leat is directed through a concrete culvert. A penstock sluice at the culvert entrance prevents the open channel section from overtopping. The culvert entrance is protected with a debris screen.

The flow rate is

After passing over the wheel, the flow is then directed to a tailrace channel which follows the side wall of the mill building and then continues downstream. There is a 20mm screen positioned at the downstream ownership boundary which is also close to the confluence between the tailrace channel and river approximately 45 metres downstream of the mill.

### Summary of proposal

- File: Maerdy Mill Overview Plan with Abstraction and Discharge points.pdf - [Download](#)
- File: HM020 A Maerdy Hydropower PLAN .pdf - [Download](#)
- File: HM020 A Maerdy Hydropower B\_B.pdf - [Download](#)
- File: HM020 Maerdy HEP Site Photos.pdf - [Download](#)
- File: HM020 Maerdy HEP Design, operation and abstraction data.pdf - [Download](#)

## 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** DanielEckman

**Print name** Daniel Eckman

**Position** Owner

Date

\* 24/05/2023

## 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

Would you like a copy of your submission?

Yes

Your email address

Danieleckman80@gmail.com