

From: Mansbridge, Julia Julia.Mansbridge@cyfoethnaturiolcymru.gov.uk
Subject: RE: Anwyl - WA/064/0007/0011 & WA/064/0007/0013 - kWh calculation method
Date: 21 December 2018 at 10:10
To: Liam Brown liam@greeneearthhydro.co.uk
Cc: Water Resources Returns waterresources.returns@cyfoethnaturiolcymru.gov.uk, Paula Anwyl paula.anwyl@gmail.com

JM

Dear Liam,

I will send the forms out electronically to yourself and the Anwyl's. I will also update our records so that they are sent out electronically in future, we can only include one email address on the system please can you confirm which email address would be best.

Please complete one of the forms and send the other back as a nil return and include details of this in a covering email, and complete section 5, further information, on the form.

Kind regards,

Julia Mansbridge

Cynghorydd Rheoleiddo'r Dyfodol (Trwyddedu Tynnu Dŵr) / Future Regulation Advisor (Water Abstraction Permitting)

Cyfoeth Naturiol Cymru / Natural Resources Wales

Tŷ Cambria, Caerdydd / Cambria House, Cardiff

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Correspondence in Welsh is welcomed, and we will respond in Welsh without it leading to a delay

From: Liam Brown <liam@greeneearthhydro.co.uk>
Sent: 20 December 2018 12:53
To: Mansbridge, Julia <Julia.Mansbridge@cyfoethnaturiolcymru.gov.uk>
Cc: Water Resources Returns
<waterresources.returns@cyfoethnaturiolcymru.gov.uk>; Paula Anwyl
<paula.anwyl@gmail.com>
Subject: Anwyl - WA/064/0007/0011 & WA/064/0007/0013 - kWh calculation method

Dear Julia,

The Anwyl's have asked me to help with their abstraction licence returns. I understand that NRW sent them by post around 13th Dec. There are a couple of issues with completing the returns for the project, as follows:

(i) kWh calculation method: This single hydropower turbine abstracts water from two intakes (the two abstraction licences in question). There is only one total generation meter in the power house and no water meter on either abstraction. In order to apportion the water volumes to each abstraction I will need some guidance on how NRW want to deal with this aggregate licence. Looking at the forms NRW have sent the Anwyl's they are standard forms with nothing to account for the aggregate licences, just the usual cubic metre calculation from the HAF. Could you advise how I should do the calculations?

(ii) Emailed forms: It would also be easier to do the returns with electronic forms. Would you be able to resend to me and the licence holder (their email is cc'd here)?

Kind regards,

Liam

Liam Brown
Managing Director

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