


From: Rees-Jones, Joel Joel.Rees-Jones@cyfoethnaturiolcymru.gov.uk 
Subject: RE: PPN-00239 - Aled Jones - Upstream fish pass
Date: 10 October 2018 at 15:46
To: Liam Brown liam@greeneearthhydro.co.uk
Cc: Aled Jones awjcontracting@gmail.com

JR

Hi Liam,

Just spoken to Tomi Hughes and having looked at the further details you have provided, we are happy with no upstream fish passage provision to be provided at this site. There is likely to be a small resident population of brown trout in the stream, and whilst these isolated, genetically distinct populations of brown trout are very important, we feel that upstream passage at the site is not required.

Regards

Joel

From: Rees-Jones, Joel
Sent: 10 October 2018 13:52
To: 'Liam Brown' <liam@greeneearthhydro.co.uk>
Cc: Aled Jones <awjcontracting@gmail.com>
Subject: RE: PPN-00239 - Aled Jones - Upstream fish pass

Hi Tomi,

Please see email and pics below. The stream does become very steep after the abstraction point (NGR SH 82948 14224), are you happy with no upstream fish passage? I did ask for upstream at pre-app, but looking at the falls, it looks tricky – although there does appear to be a route in much higher water on the fall 12 upstream of the intake weir (on the left bank there looks like there may be a channel).

Can you let me know asap as Liam is keen to get the drawings done.

Thanks

Joel

From: Liam Brown <liam@greeneearthhydro.co.uk>
Sent: 08 October 2018 09:35
To: Rees-Jones, Joel <Joel.Rees-Jones@cyfoethnaturiolcymru.gov.uk>
Cc: Aled Jones <awjcontracting@gmail.com>
Subject: PPN-00239 - Aled Jones - Upstream fish pass

Hi Joel,

I surveyed this site in detail at the end of last week and also looked at the issue of the upstream brown trout fish pass. I took the photos below (with a 1.2m staff for scale) at a natural step just a few metres downstream of the intake site. It's hard to give an impression of how steep this whole section of the watercourse is with photos, so I also took a video but it is over 200MB in size so I can't email it through. You can see it on [Dropbox here](#) but I'm not sure NRW staff are allowed to access Dropbox? So if you have another cloud storage system I could try to share it with you on, please let me know. From what I can tell, this is a really tough stretch of watercourse for brown trout to travel up with water leaving the surface of the boulders in many locations with significant

jumps well over 150mm in height:







Just 12 metres upstream of the intake site there is what I think an impassable obstruction to brown trout too (2m staff for scale):





If you can't access the video, hopefully this photo gives an indication of the steepness of the site. The 2m staff is located at the intake site:



I want to keep the intake structure as simple as possible and I really can't see how an upstream fish pass would ever been used here. Could you let me know your thoughts so that we can finalise the drawings for the applications.

Kind regards,

Liam

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