

Alice Pyper

From: Charlesworth, Dave <Dave.Charlesworth@cyfoethnaturiolcymru.gov.uk>
Sent: 03 December 2021 13:59
To: Alice Pyper
Subject: RE: Fish Passage Improvement Scheme - Jerusalem Weir - SN7269821789
Attachments: Fig 1 As Built - Jerusalem - Clydach.docx



Hello Alice,

Please find attached the 'as built' details from 1979 which probably represents the latest iteration of the structure at this time. You will note the 'channel' that exists today (see image above) was not present in 1979 and must have been formed (to aid fish passage) at a later date. On inspection in summer, the channel has now failed structurally so the base and sides have blown out with exposed re-bar and large voids. The proposal is to effectively slot in a prefabricated fish pass unit into the existing channel, fill any voids and make it an integral part of the overall structure. This will improve fish passage but also protect the integrity of the weir structure which has the potential to fail catastrophically if left un-checked. The fish pass will sit slightly proud of the weir face and will be clad in locally won stone to be more in keeping with the surrounding environs. I will send you a second email with some technical drawings of the fish pass and how it will relate to the wider structure.

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

From: Alice Pyper <A.Pyper@DYFEDARCHAEOLOGY.ORG.UK>

Sent: 03 December 2021 13:20

To: Charlesworth, Dave <Dave.Charlesworth@cyfoethnaturiolcymru.gov.uk>

Subject: RE: Fish Passage Improvement Scheme - Jerusalem Weir - SN7269821789

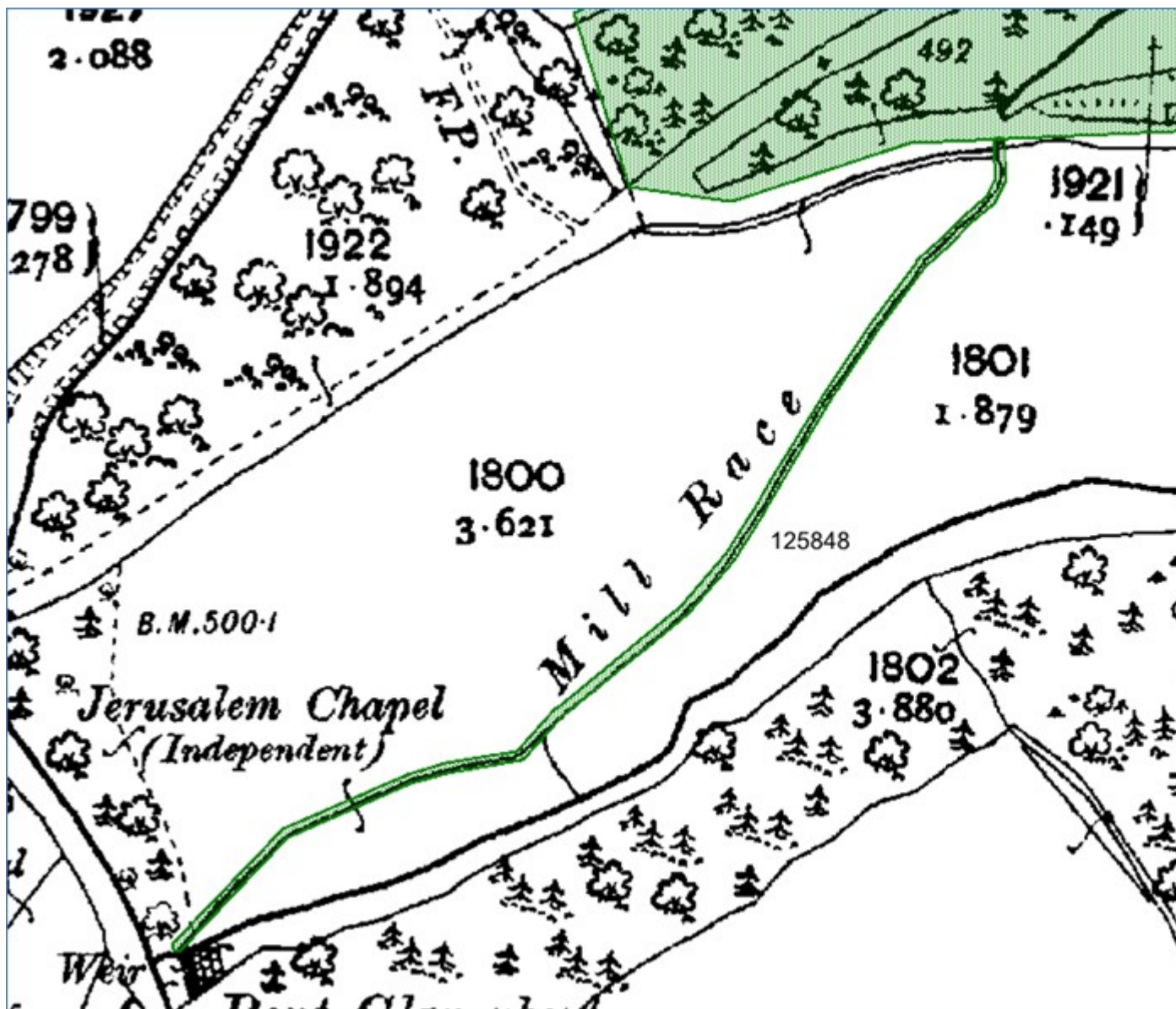
Hi Dave,

Thanks for your email. I have checked against the regional Historic Environment Record (HER) and other sources and see that this is a historic weir recorded on the 1st and 2nd edition Ordnance Survey maps which fed the mill race which ran off the north bank of the river to provide water power for the historic Gwynfe Corn Mill PRN 21931. See map below. Are you able to provide more information on the current condition of the weir and the extent or scope of the work? It may be helpful if you can provide a recent photograph which I can base more advice on.

Many thanks

Alice

Base map OS 1906 Carmarthenshire sheet 34.16, 1:2500



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From: Charlesworth, Dave <Dave.Charlesworth@cyfoethnaturiolcymru.gov.uk>

Sent: 02 December 2021 13:22

To: Alice Pyper <A.Pyper@DYFEDARCHAEOLOGY.ORG.UK>

Subject: Fish Passage Improvement Scheme - Jerusalem Weir - SN7269821789

Hello Alice,

Jill Bullen has suggested that you would be the appropriate contact to discuss a fish passage improvement scheme that I am developing at Jerusalem Weir (Gwynfe) near Llangadog. The Local Authority owned weir already has a fish pass channel integrated within it but is an old ineffective design that needs to be upgraded. I just wanted your input in respect of historic sensitivities associated with the location. Perhaps you would have a look at the HER as an initial consideration? If there is a more formal process then please advise and I will action as required.

Regards

Dave Charlesworth

Senior Officer

People & Places Team (SW)

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