

Alice Pyper

From: Thornton, Leila <Leila.Thornton@cyfoethnaturiolcymru.gov.uk>
Sent: 16 January 2024 13:18
To: Alice Pyper
Cc: Baird, Ali
Subject: National Trust management proposals for floodplain management at Dinefwr

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Alice,

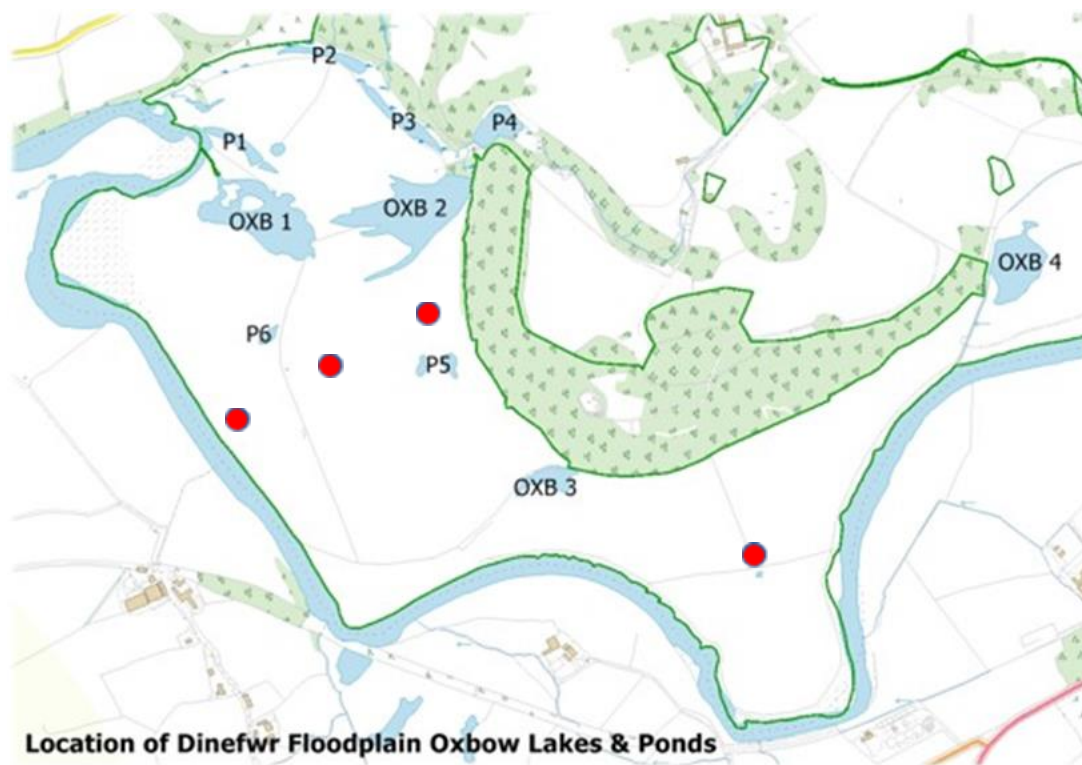
I hope all's well with you. I'm just getting in touch for some advice on a proposal that we are currently looking at with the National Trust at Dinefwr. The NT have just taken the floodplain meadows below Dinefwr castle back into management as these have come out of an existing tenancy. They are hoping to develop a management proposal for the site which will involve some areas being managed as traditional hay meadows, cattle grazing in some areas using the Nofence system, and possibly some creation of additional open water habitats.

We are proposing to undertake some hydrological monitoring and geomorphological assessment to support the NT to help develop and refine the management plan and assess the appropriateness of any new open water features. That will initially involve the installation of 4 dipwells to monitor ground water levels over the coming months – proposed approximate locations are shown on the plan below. The dipwells have a very small footprint – these have a diameter of approximately 6 or 7cm and would be installed using a hand auger to a depth of 2m. In the first instance, I just wanted to confirm whether you would have any concerns with the dipwell installation from an HER perspective ? We can adjust the placement of these if necessary.

We plan to monitor groundwater levels for at least one dry season (up until around October of this year) and would then use that information to inform proposals for the design of any open water creation/excavation, so we'll be able to come back to you with some more detailed proposals then for formal consultation.

I hope this all makes sense and any initial thoughts or advice on HER considerations would be gratefully received,

All the best,
Leila



Leila Thornton

Uwch Swyddog Adfer Afonydd / Senior River Restoration Officer

Pedair Afon LIFE (LIFE20/NAT/UK/000100) / Four Rivers for LIFE (LIFE20/NAT/UK/000100)

Rhif ffôn: 07500 106 682 / Phone number: 07500 106 682



**Cyfoeth
Naturiol**
Cymru
**Natural
Resources**
Wales

**Byd natur a phobl
yn ffynnu gyda'n gilydd**

**Nature and people
thriving together**



**cyfoethnaturiol.cymru
naturalresources.wales**

Flotek Group has scanned and approved this email for your delivery - please note all website links have been replaced with a secure link for your own safety and will be scanned again once clicked.