

Cyfronydd Weirs

Photo Survey

Cyfronydd Brook is a silt and gravel based single thread channel incised within vegetated or grazed grass banks. In relatively natural reaches (e.g. the final photo) the watercourse displays gentle pool and riffle sequences. There is limited evidence of the historic leat shown on the OS map, but this has silted up and now only forms a slight depression in the field. The weir structures are incorrectly noted on the OS map as footbridges, with the structure mapped between locations E & F no longer being present.

The photos included in this photosurvey represent normal to slightly elevated winter flows, taken in October 2018 and February 2019 as indicated. The photos are spaced between 50 and 65m apart, with the exception of the final photo which is approximately double this distance.

It is recommended that this survey is read in conjunction with the topographic survey undertaken. This topographic survey shows the limited extent and gradient change through the reach, particularly through the weirs which show limited sediment accumulation.

Map



Location A: SJ14225 07715

Looking upstream (Oct 2018)



Location B: SJ14195 07775

Looking downstream (Oct 2018)



Location C (Weir 1, to be lowered by removing the upstanding metal plates): SJ14155 07820

Looking upstream (Feb 2019)



Location D (Weir 2, orifice to be opened up): SJ14110 07850

Looking downstream (Feb 2019)

Note historic side offtake leat on the opposite bank (show on the map) fully silted up.



Location E (weir to remain in situ): SJ14045 07860

Looking upstream (Oct 2018)



Location F: SJ13990 07955

Looking downstream (Oct 2018)

