

Appendix C Reconnaissance Photographs

C1 Millrace and Floodplain

Figure C1 Location of Photographs of Millrace, Floodplain and Emral Brook

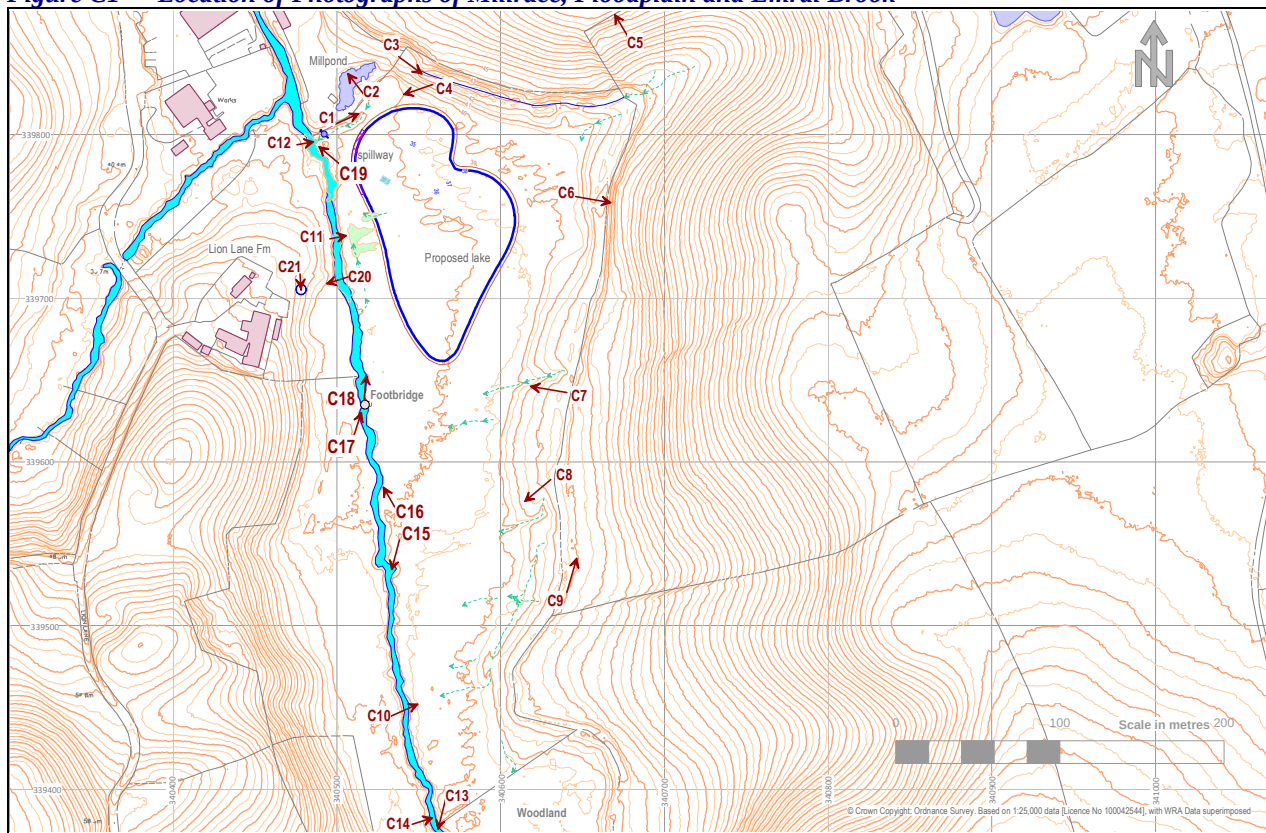
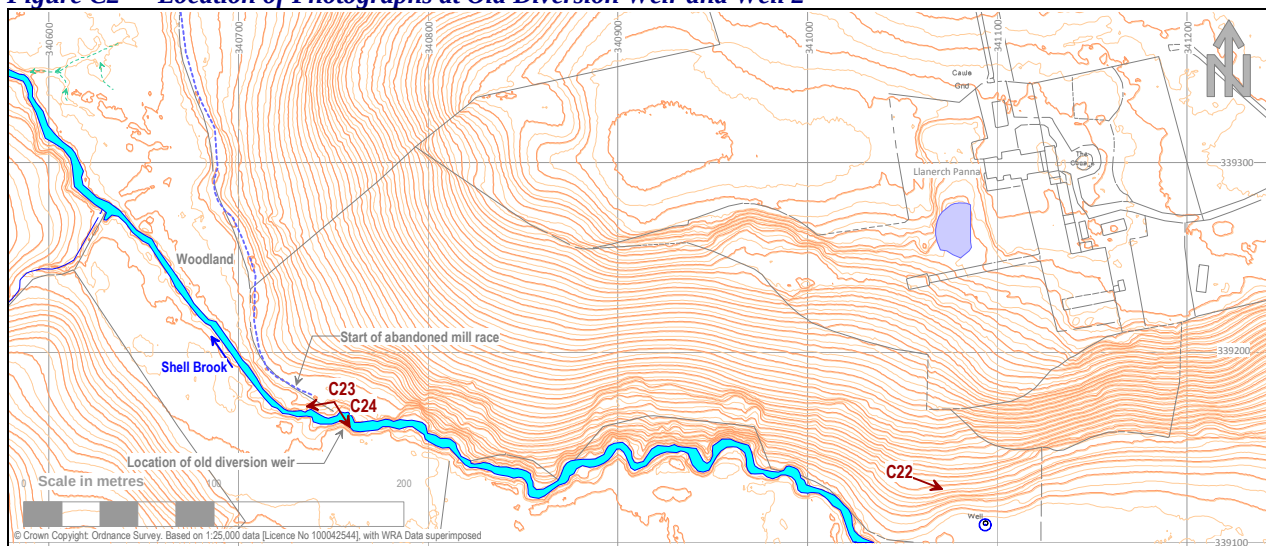


Figure C2 Location of Photographs at Old Diversion Weir and Well 2





C7 and C8 Note: Breakthrough drainage lines are points where the old millrace bund has been eroded and allows local runoff during intense storms to flow into the floodplain and feed ponding and saturation of areas of marshy grassland.



C7. Breakthrough drainage line feeding marshy area.



C8. Second breakthrough drainage line.



C9. Vegetated millrace on other side of property fence, and catchment hillside with mangel wurzel.



C10. Seepage line in bank of Emral Brook, 1 m below adjacent floodplain level.



C11. Top end of recent otter run into marshy area, 100 m downstream of footbridge.



C12. Spring near end of old millpond overflow channel, flowing at 2-3 l/s at time of survey.

C2 Emral Brook**C13.** Emral Brook at property south boundary.**C14.** Hard, sandy stream bed with stones.**C15.** Riffles and island formation 160 m downstream of property south boundary, with bank scour pool.**C16.** Clean meandering reach 200 m downstream of property south boundary.**C17.** Flow gauging point 2, upstream side of footbridge [view looking downstream].**C18.** Trees blocking stream downstream of footbridge.

C3 Old Wells and Stream Diversion



C19. Emral Brook and Inlet from old millrace overflow channel, fed by spring



C20. Lion Lane Farm and well at edge of floodplain [Left margin of Emral Brook in the foreground].



C21. Interior of well at Lion Lane Farm [full of earth, with small patch of water to one side].



C22. Floodplain south of Llanerch Panna, with white marker at site of old well.



C23. Narrowing of stream channel at site of old millrace diversion weir [view downstream].



C24. Wider stream channel upstream of site of old millrace diversion weir [view upstream]