

APPENDIX A - Site Assessments

3: Northmoor Weir

OXFORDSHIRE
SP 4315 0211
1994
MT, 19/09/2002

ASSESSMENT: Operational paddle & rymer weir that spans the river channel. Weir and lock first erected here in 1896. Weir rebuilt by NRA in 1995 with new frames and addition of pedestrian footbridge and fishweir, but careful reuse of sill beam, gangway and railings. Old wooden paddles and rymers replaced in glass fibre (the only weir with these).

Grade: R



THA/MT/ D/33: Weir, from E.



THA/MT/ E/1: Weir, from W.



THA/MT/ E/3: Segment of weir sill (removed in 1995 to allow for fish) with cut down rymer, set on the weir side.



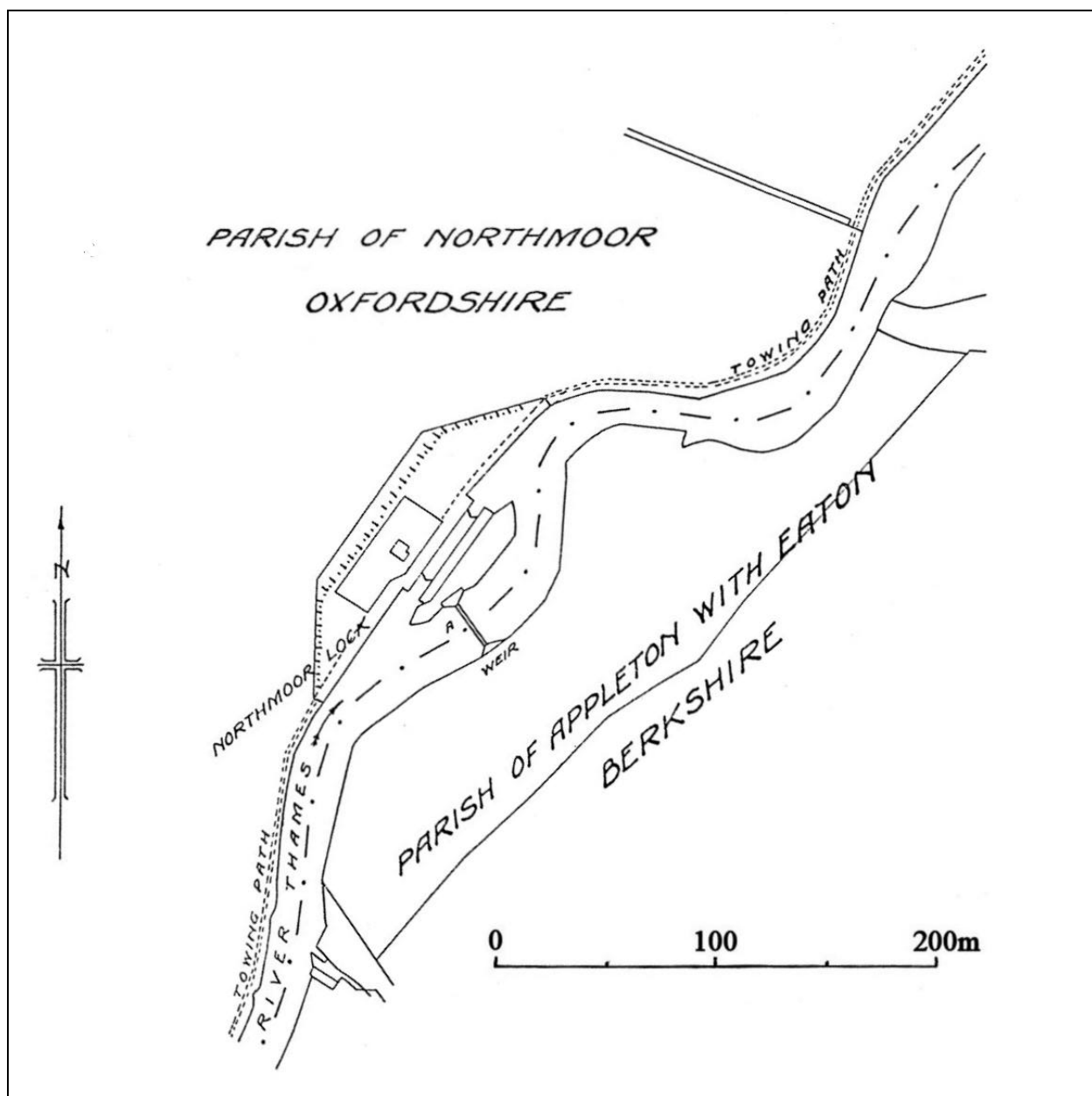
THA/MT/ E/2: Lever tool for lifting wooden paddles out when swollen.

Operational paddle & rymer weir first built in 1895 and rebuilt in 1995, that spans the river channel. The pound lock and lock-house were built in 1895-96, with the weir, as part of the new station.

Concrete wing walls and 3 steel frames (trapezium with cantilever) support main beam and 2 gangways (with timber railings). Paddles and rymers are glass fibre. Two paddle racks are timber.

Weir span is 72' (22m) with 36 sets of P&Rs arranged in pattern of 7x2/22x3/7x2. Rymers are 169.5" (4.3m) long at 24" spacing. Paddles are 22.75" wide x 20.75" deep. One set has lost to accommodate fish pass against the north wing wall (but segment of sill preserved adjacent to footbridge).

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NORTHMOOR WEIR: SITE PLAN