

**Photograph 1.** Dumping of rock on site during construction of a rock-ramp fishway on McDonald's Weir, Macquarie Rivulet in January 1993.



**Photograph 2.** Shaping transverse rock ridges during construction of a rock-ramp fishway on McDonald's Weir, Macquarie Rivulet.





**Photograph 3.** Modifications to McDonald's Weir Rock-ramp Fishway to repair damage caused by high flows. (Note the larger rocks being placed next to the weir crest)



**Photograph 4.** After modifications to the McDonald's Weir Rock-ramp Fishway. (Note the movement of the transverse ridge rocks in the middle of the structure)





**Photograph 5.** The placement of rocks below the Lower Wyong Weir, Wyong River to prevent water leakage through the existing concrete structure.



**Photograph 6.** In September 1993 extra rock was placed below the Lower Wyong Weir and a rock-ramp fishway formed. (Note the lower weir crest in the foreground)





**Photograph 7.** The construction of an erosion control weir on the Bell River in June 1993. (Note the sheet-pile wall and the placement of large rocks)



**Photograph 8.** After construction of the erosion control weir on the Bell River. (Note the rock-ramp fishway was formed in the centre of the structure)





**Photograph 9.** The original wood-and-concrete weir at Goondiwindi on the Macintyre River before the construction of a rock-ramp in August 1993.



**Photograph 10.** The rock-ramp down the centre of the river with crests on each side of the channel raised to direct water through the fishway. (Note the guiding fence)





**Photograph 11.** Goondiwindi Weir and Fishway during sampling on 4 November 1995 with flows greater than 600 ML/day. (Note flow over side crests)



**Photograph 12.** Goondiwindi Weir and Fishway during sampling on 7 November 1995 with flows less than 300 ML/day. (Note lack of flow over side crests)





**Photograph 13.** Goondiwindi Weir and Fishway with 900 ML/day flow down the Macintyre River in March 1996.



**Photograph 14.** Small spangled perch (*Leiopotherapon unicolor*) can be discerned in several places leaping at the side crest at Goondiwindi weir during 900 ML/day flow down the Macintyre River in March 1996.

