

Construction of radial gated spillway of Mau Ara project

Mau Ara diversion project is located at 21st km from Udawalawa junction along the Udawalawa Thanamalvila road. It consists of 24 m high and 3 km long earth dam, sluice and radial gated spillway with a flip bucket at the end of the chute.

Crest level of the spillway is 78.10 m MSL and design capacity is 454 cumecs. Two radial gates (7.62 m x 6 m) with hoist arrangement are provided to regulate the discharge.

One of the objectives of this assignment was to employ local resources for the construction of spillway. (i) To develop skill and field of construction industries activities. (ii) There in technical personal who are just past out from the Universities of Sri Lanka. (iii) Use all unutilized resources in the Irrigation Department. (iv) To prove that the department is capable to achieve the target.

Construction of spillway was started in January 2000 and construction was completed by October in the same year. Designs, Supervision and construction on civil work of spillway directly alone by the irrigation Department, while the SEC covered other mechanical parts.