

MANIMUTHAR SUB-BASIN (PACKAGE No.M 07) WRD

Kalappur Anicut Was Constructed Across Palar River In Thiruppathur Taluk Of Sivagangai District

PRE-PROJECT CONDITION:

The existing anicut was constructed in R.R. masonry during 1965. Anicut is completely silted up and lost its carrying capacity with disturbed supply channels.



ANAICUT DETAILS

Length of anicut : 29.00 m
Mfl : 14.330 m
Max. Flood discharge : 13,399.92
cusecs
Total ayacut : 277.89 ha.
Right main canal (Aruvi supply channel)
Length of canal : 4100 m
Discharge : 31.430 cusecs
No. Of tanks benefitted : 20 nos.
Benefitted ayacut : 199.39 ha.
Left main canal (Thiruvandan supply channel)
Length of canal : 1400 m
Discharge : 15.720 cusecs
No. Of tanks benefitted : 2 nos.
Benefitted ayacut : 78.50 ha.

After Execution

IMPACT OF THE PROJECT

- By providing flood protection wall at vulnerable points, the wastage of water in supply channels is completely arrested and recurring expenditure is also reduced.
- By reshaping supply channels, the original designed discharge is restored.

WORKS EXECUTED AT ESTIMATE COST RS: 75.00 LAKHS

- Flood protection wall (Training wall) in downstream of anicut
- Reshaping of Aruvi & Thiruvandan supply channels.

EVIDENT FOR SUCCESS OF THE PROJECT

The ayacutdars of Kalappur anicut and the secretary of 'dhaan foundation' of kalappur village have appreciated that the works were carried out to their requirements in time.