

SUCCESS STORY - PERIYA ANICUT

Periya Anicut was constructed across Periyar River, a tributory of Vasista River near Valappady in Salem District.

Pre-Project Condition:

The existing Anicut was constructed in R.R. Masonry long back with an open off take and was in dilapidated condition. The anicut was completely filled up with silt / sand upto the crest level of the anicut.



Before Execution

Anicut Details:

Length of Anicut : 33.40 m
 River MFD : 2375 Cusec
 Canal Discharge : 5.7 Cusec
 Ayacut benefited : 62 Acres

Works carried out (Estimate Cost – Rs. 24.06 Lakhs)

- Skinwall provided in upstream side of Anicut
- Cut off wall in down streamside and Abutment and wings in both sides are constructed with R.R. Masonry
- Apron is finished with cement concrete.
- A Head Sluice has been constructed with Screw Gearing shutter
- Irrigation channel has been lined for 185 metres.
- Works completed in May 2008.



After Execution

Farmers Opinion:

Thiru. Natarajan one of the farmer of this anicut says, *“during the recent rains more water is stored in the anicut and the water level in the wells in the surrounding areas improved, beneficial for irrigation and drinking purpose”.*

Impact of the Project:

- 1) Storage capacity restored (Water stored during the rains in July and August of 2008)
 - a) Improvement in water level in surrounding wells (as per Ground Water Division Records):-

WATER LEVEL IN THE NEAREST WELL (in metres from top of Parapet)

Sl No	Well No	Pre Project		Post Project		Water level raised
		Month	Water Level	Date	Water Level	
1	53511	August / 07	14.32	August / 08	9.81	4.51m
2	53511	September /07	15.23	September /08	8.12	7.11m

- 2) The Ayacut area is being stabilized.