

PAMBAR SUB-BASIN (PACKAGE No. 06)
REHABILITATION OF NEMMENI TANK IN PERIAKOTTAKUDI VILLAGE OF
KARAIKUDI TALUK IN SIVAGANGAI DISTRICT

PRE-PROJECT CONDITION:

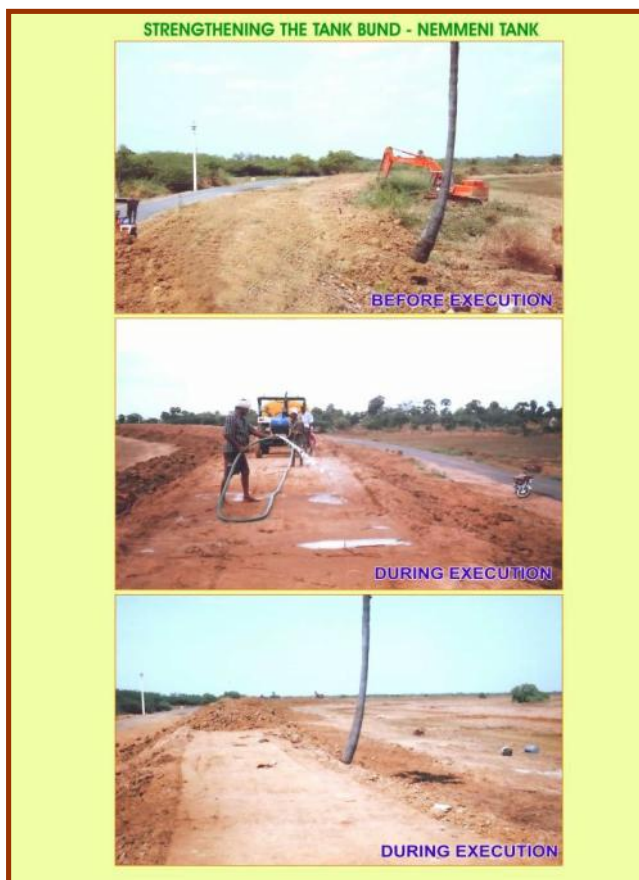
The existing tank bund was weakened, bed silted up and the storage capacity considerably reduced. The existing weir was in dilapidated condition. Existing sluice no.I was damaged and requires reconstruction and repair works to sluice no.II.

TANK DETAILS

Length of bund	: 4640 m
FTL	: 44.970 m
MWL	: 45.570 m
TBL	: 46.770 m
No.of sluices	: 2 nos.
No.of weir	: 2 nos
Ayacut benefitted	: 163.57 ac.
MFD	: 42.13 cumecs
Length of supply Channel	: 1500 m

WORKS EXECUTED AT ESTIMATE COST RS: 40.00 LAKHS

- Strengthening tank bund
- Construction of bathing ghat
- Desilting of supply channel
- Reconstruction of sluice no.I
- Repairs to sluice no.II
- Reconstruction of weir no.II



IMPACT OF THE PROJECT

- By desilting the tank bed & strengthening the bund the original capacity of tank is restored and the ayacut is being fully stabilised by bridging the gap. Also recurring damages by flood to the bund is avoided.
- By reshaping supply channels, the original designed discharge is restored
- By reconstruction of weir the storage of tank is restored to it's FTL with out any wastage.
- By reconstruction & repair works to sluices effective supply of water to the fields is achieved.

EVIDENCE FOR SUCCESS OF THE PROJECT:

The ayacutdars of Nemmeni tank of Nemmeni village have appreciated that the works were carried out to their requirements.