

JUSTIFICATION REPORT

Combined Water Supply Scheme to 135 rural habitations in Vaiyampatti and Marungapuri Unions in Trichy District

The state of Tamil nadu is situated in the south-eastern part of India and Trichurappalli District is situated in center of Tamilnadu.


These areas do not have sustainable ground water potential. The water served from the existing power pump and hand pump schemes in these rural areas are not sufficient to cater the full demand of the people. At present, due to sufficient monsoon yield from the open wells have reduced .The power pump and hand pump water supply schemes are giving less quantity of water in most of habitations of this area.

In order to provide a better level of water supply to the areas the combined water supply scheme is designed for the base year 2016 and the intermediate and ultimate stage years are 2026 and 2036. The detailed project report has been Administratively sanctioned for Rs. 46.32 Crore to install and Rs. 0.939 Crore for annual maintenance in GO Ms No. 169/ MA&WS/ WS3 Department /Dated 25.11.2016

The source for the water supply scheme is located in River Cauvery at Mayanoor Barriage. The proposal for laying pipelines in Forest area of Vaiyampatti and Marungapuri unions for providing the drinking water to the above unions are listed below.

S.No	Name of the village	Name of the taluk	Classification	Extent (in Hectares)
1	Pudhukottai	Manapparai	Road path way	0.0801
2	Marungapuri	Marungapuri	Road path way	0.2721
3	Nallur	Marungapuri	Road path way	0.03252
4	Kanjanaickenpatti	Marungapuri	Road path way	0.0836
5	Kodumpapatti	Marungapuri	Road path way	0.0227

It is hereby certified that after considering all alternatives, this is the only land found to be feasible alignment for the proposal work and that the required area is the minimum need for this purpose. Thus this land is absolutely essential for the proposed work.


Executive Engineer, TWAD Board
RWS Division, Trichy