

Integration of Maheshtata Underground Reservoir with the existing water distribution network of Maheshtala Municipality

Executive Summery:

Maheshtata Municipality is located in the South-Western fringes of Kolkata Metropolitan Area. (KMA) with an area of 42 Sq. km and population of 3,89,214 (as per 2001 Census). As per projection, the population would increase to 7,76,604 in the year 2038.

The existing Water Supply scheme of Mebeshtala Municipality is entirely dependant on ground water sources which is on the threat of arsenic contamination, Recently a 5 Million Gallon Underground Raservoir (UGR) along with booster pumping station has been installed in Maheshtala wherein, treated water from 120 Million Gallon capacity Garden Reach Works (GRWW) is stored to replace the ground water based water supply system, in the adjoining Municipality like Maheshtala, Budge-Budge and Pujaii,

The present scheme envisages integration of the Maheshtala Underground Reservoir with the existing water distribution network of Maheshtala Municipality at a cost of Rs. 19.49 crores to be implemented within 18 months under JNNURM. The scheme will serve 23 wards of the Municipality. The treated water from the Maheshtala UGR will be pumped to the existing 13 nos. Overhead Reservoirs- (OHR) located at the zone centres and will be distributed through existing distribution grid wife necessary augmentation. In all 24 kms of pipe lines will he laid of dia meter ranging from 250 mm to 600 mm. After implementation of the project 135 litre per person, per day treated surface water will he provided to the residents of the Municipality.

The scheme after implementation will be handed over to the Municipality for its Operation and Maintenance.