

Water from Stone Quarries – Press release

Due to deficit rainfall the water reservoirs in Chennai city are nearly empty. Anticipating this situation, Metro water explored the possibility of using the stored rain water in the abandoned quarries around the city.

Initially the twenty two quarries at Sikkarayapuram near Mangadu in Kanchipuram district were taken up for feasibility studies. The various tests were conducted to ascertain the quality of the stagnant rain water stored in these deep stone quarries. The tests were conducted by experts from King Institute, Centre for Environmental studies and Geological department Anna University. The results indicated that the water is fit for distribution to the city and can be supplied after treatment from nearby Chembarambakkam water treatment plant. It was proposed to lay pipes to convey the water from the quarries for treatment to Chembarambakkam treatment plant and supplied for distribution after appropriate treatment.

Accordingly a project costing Rs.13.63 Crores was formulated, tendered and now completed. The water is to be pumped at the rate of 30 mld for 100 days and totally 3000ml is to be drawn from the quarries. All the works in this regard including laying of 4KM pipeline, installation of pumpsets and generators were completed within 30 days.

Further, from 02.06.2017 trial operations were successfully done and the quality of water after treatment was found to be fit for distribution. The water from the quarries will be continuously pumped at the rate of 30 million litres per day to the treatment plant and distributed for public use from Friday 09.06.2017.

CMWSS Board Managing Director Thiru.V.Arun Roy, IAS., felicitated the Special Drought Team consisting of

1. Thiru G. Sathyamoorthy, Chief Engineer /CMWSS Board
2. Thiru A.R. Krishnamurthy, Superintending Engineer/CMWSS Board
3. Thiru A. Paranjothi, Executive Engineer/CMWSS Board
4. Thiru M.R. Jaishankar, Asst.Exe. Engineer/CMWSS Board
5. Thiru M. Lenin, Assistant Engineer/CMWSS Board
6. Thiru M. Satish, Assistant Engineer/CMWSS Board

for designing and implementing this Project in a very short time.









PUBLIC RELATIONS MANAGER
Chennai Metrowater