

Press Release

Press Release No.80/2024

Date: 15.11.2024

Dr. T.G. Vinay, I.A.S., Managing Director, Chennai Drinking Water Board, inspected and inspected the construction work of the seawater desalination plant with a production capacity of 400 million liters per day being set up in Perur at an estimated cost of Rs. 4276.44 crores

Chennai Drinking Water Board Information

On behalf of the Chennai Drinking Water Board, Dr. T.G. Vinay, I.A.B., Managing Director, Chennai Drinking Water Board, inspected and inspected the construction work of the seawater desalination plant with a production capacity of 400 million liters per day being set up in Perur at an estimated cost of Rs. 4276.44 crores today (15.11.2024).

Drinking water for the areas under the Greater Chennai Corporation is being supplied through the lakes of Poondi, Cholavaram, Puzhaleri, Kannankottai, Thervaikandigai, Chembarambakkam and Veeranam. Considering the long-term drinking water requirement of Chennai and the daily drinking water requirement of the people, the Chennai Water Supply Board is taking various measures.

In order to improve the drinking water resources in line with the development of Chennai, on 21.08.2023, the Hon'ble Chief Minister of Tamil Nadu laid the foundation stone of a seawater desalination plant with a production capacity of 400 million liters per day at Perur on the East Coast Road in Chengalpattu district with the financial assistance of the Japan International Cooperation Agency (JICA) on behalf of the Chennai Water Supply Board.

Based on this, the construction work of this plant is currently in full swing. The construction works for the Intake Structure, Lamella Clarifier,

RO Permeate Tank, Neutralization Pit, Product Water Tank, Clear Water Reservoir, Sludge Thickener, Admin Building, Warehouse and Workshop are underway. Further, preparatory work is underway for laying the seawater intake pipes.

At this station, 1150 meters of HDPE pipes will be laid into the sea to make seawater drinkable. Furthermore, the water to be set up at this station is designed in a more modern way than other conventional stations with Dissolved Air Floatation units and Gravity Dual Media Filter units. These units are designed to remove sediments (suspended matter, particles) from the sea and then to permanently obtain the ability to make seawater drinkable. Further, for this, a 59 km long water pipeline will be laid from this station to Porur.

Through this project, 22.67 lakh people in the areas under the Greater Chennai Corporation, the areas under the Tambaram Corporation and the 20 panchayat areas near the Greater Chennai Corporation will benefit.

During this study, Chief Engineer Mrs. J. Suganthi, Supervising Engineer, Mrs. E. Shanthi and Executive Engineer Mr. S. Kripakaravel were present.

Press Release: Joint Director / Public Relations Manager
Chennai Metropolitan Water Supply and
Sewerage Board.

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