

Press Release

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Date: 24.01.2025

Dr. T.G. Vinay, I.A.B., Managing Director, Chennai Drinking Water Board, 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 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 (24.01.2025).

Drinking water for the areas under the Greater Chennai Corporation is being provided through the lakes of Poondi, Cholavaram, Puzhaleri, Kannankottai, Thervaikandigai, Chembarambakkam and Veeranam. Considering the long-term drinking water needs of Chennai and the daily drinking water needs 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. Preparatory work for laying of seawater intake and brackish water discharge pipes is underway. Construction of seawater intake tank and pumping station is underway.

Lamella Clarifier, RO Permeate Tank, Dissolved Air Flotation, Gravity Dual Media Filter, RO Building, RO Permeate Tank, Sludge Thickener, foundation works are underway.

Superstructure works for Clear water reservoir, Product water tank, Admin Building, Warehouse and Workshop are underway.

In this station, HDPE pipes will be laid in the sea for a length of 1150 meters to desalinate seawater. Moreover, the Dissolved Air Floatation units and Gravity Dual Media Filter units to be set up in this station are designed in a more modern way than other conventional stations. These units are designed to remove the sludge (floating matter, particles) in the sea at its current state and then to obtain the ability to desalinate seawater permanently. Moreover, for this, a 59 km long drinking 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 others were present.

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

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