



GOVERNMENT OF KERALA

Abstract

Local Self Government Department - Constitution of Project Monitoring Committee for implementation of Omni Processor at 107 MLD STP, Muttathara, Thiruvananthapuram - Sanctioned - Orders Issued.

LOCAL SELF GOVERNMENT(WM)DEPARTMENT

G.O.(Rt)No.1817/2025/LSGD Dated,Thiruvananthapuram, 23-07-2025

Read 1. Letter No. SM/1929/2024-G Dated, 27-06-2025 from the Executive Director, Suchitwa Mission

ORDER

The Muttathara Sewage Treatment Plant (STP) in Thiruvananthapuram, which is designed to handle 107 million litres per day (MLD), is currently treating both municipal sewage and an additional load of 80–100 truckloads of septage daily through the Activated Sludge Process (ASP). The significant volume of sludge produced, over time, has resulted in critical space limitations within the facility. The ongoing on-site sludge disposal has led to the gradual loss of usable land, severely impacting operational efficiency and posing long-term sustainability concerns.

To tackle this challenge, the establishment of a dedicated Faecal Sludge Treatment Plant (FSTP) has been identified as a necessary intervention and as part of this initiative, the Omni-Processor (OP) technology licensed by M/s Ankur Scientific Energy Technologies Pvt. Ltd. is getting implemented with grant support. A formal Memorandum of Understanding (MoU) has already been executed with the technology provider.

The Omni-Processor (OP) system offers a high-efficiency approach, capable of reducing sludge volume by over 95% while simultaneously recovering valuable resources such as clean water, electricity, heat, and

pathogen-free ash. This approach supports Kerala's vision for sustainable development and waste-to-resource transformation. With the regulatory approvals currently in progress, the formation of a dedicated Project Monitoring Committee was proposed to ensure robust oversight of the Project for which the Suchitwa Mission has submitted detailed proposal, as per the letter read above.

Government examined the matter in detail and are pleased to constitute a Project Monitoring Committee, for the implementation of the Omni Processor at 107 MLD Muttathara Sewage Treatment Plant (STP) in Thiruvananthapuram, as follows;

Sl.No.	Designation of the Officer	Committee position
1.	Executive Director, Suchitwa Mission	Chairman
2.	Director (LWM), Suchitwa Mission	Convenor
3.	Superintending Engineer, PH Circle, KWA	Member
4.	Secretary, Thiruvananthapuram Corporation	-Do-
5.	Representative from KSPCB	-Do-
6.	Project Manager, WASH Institute	-Do-
7.	External Technical Expert nominated by Suchitwa Mission	-Do-

Sanction is also accorded for the nomination of Sri. Saibal Ghosh, Consultant of Global Water and Sanitation Centre (GWSC) as an external technical expert to support in quality control and implementation support as an External Technical Expert for Suchitwa Mission.

The Committee which shall play a critical role in maintaining transparency, enforcing environmental and safety standards, and ensuring that the project is implemented efficiently and effectively, will have the following functions:

1. Monitor on-ground implementation progress and adherence to timelines.
2. Ensure quality control in the commissioning and operationalization phases.
3. Oversee environmental and safety standards, particularly discharge quality and emissions.
4. Facilitate coordination between contractor/technology provider, KWA,

Corporation of Thiruvananthapuram, and Kerala State Pollution Control Board.

5. Document and report monthly progress to the Suchitwa Mission and Local Self Government Department.

(By order of the Governor)
PREETHA K S
ADDITIONAL SECRETARY

Committee Members (through the Executive Director, Suchitwa Mission)
Principal Director, Local Self Government Department
Executive Director, Suchitwa Mission
Managing Director, Kerala Water Authority
Member Secretary, Kerala State Pollution Control Board
Secretary, Thiruvananthapuram Corporation
M/s Ankur Scientific Energy Technologies Pvt. Ltd
Executive Director, Information Kerala Mission
Web & New Media, I&PRD
Stock File/Office Copy

Forwarded /By order

Section Officer