



ABSTRACT

Environment, Climate Change – Tamil Nadu Pollution Control Board – Installation of Trash Boom to Mitigate Plastic Pollution in Rivers in Tamil Nadu - Pilot project in Chennai riverline at a total cost of Rs.4.00 Crore - Approval accorded – Orders - Issued.

ENVIRONMENT, CLIMATE CHANGE AND FOREST (EC.2) DEPARTMENT

G.O.(Ms).No.109

Dated 24.06.2025

விசுவாவசு, ஆணி-10

திருவள்ளூர் ஆண்டு – 2056

Read:

1. G.O.(Ms)No.11, Environment, Climate Change and Forest (EC.4) Department, dated 10.01.2024,
2. From the Chairperson, Tamil Nadu Pollution Control Board Letter No.T1 / TNPCB / F.009422 / TN-TAPER-TNSHORE / 2025, dated 06.05.2025.

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ORDER:

The Hon'ble Minister (Finance and Environment & Climate Change) has made the following announcement in the Tamil Nadu Legislative Assembly on 26.04.2024 for the year 2025-2026: -

“நிலத்தில் இருந்து பிளாஸ்டிக் கழிவுகளைப் பெருங்கடல்களுக்கு கொண்டு செல்வதில் ஆறுகள் முக்கிய பங்கு வகிக்கின்றன. ஆனால் ஆறுகள் மற்றும் முகத்துவாரங்கள் நெகிழி மாசுபாட்டால் நேரடியாக பாதிக்கப்படுகின்றன.

அவற்றை சீரமைக்க, உலக வங்கி திட்டத்தின் கீழ் (TN-SHORE) முதன்முறையாக, சென்னையிலுள்ள ஒரு ஆற்றங்கரையில், இடைமறிப்பான்களைப் பயன்படுத்தி, முறையான கழிவு மீட்பு மற்றும் மறுசுழற்சி நடவடிக்கைகள் 2025-26 ஆம் ஆண்டில் ரூ.4.00 கோடி செலவில் ஒரு முன்னோடி திட்டமாக மேற்கொள்ளப்படும்.”

2. The Chairperson, Tamil Nadu Pollution Control Board in her proposal has stated that the Trash Boom is a floating barrier system designed to trap and collect waste, particularly plastics, in rivers and water bodies before it will reach the ocean. By deploying these barriers in key areas such as river mouths, and other high-risk locations, the Trash Boom can help prevent waste from entering marine ecosystems. This proposal outlines the potential implementation of a Trash Boom system to combat plastic pollution in specific regions, providing a sustainable and effective approach to reduce ocean waste.

(P.T.O)

The Government of Tamil Nadu proposes to address plastic pollution in riverline and estuarine systems through TN TAPER (Tackling Plastic Pollution in Estuaries and Rivers in Tamil Nadu). This initiative of installing Trash boom will be implemented under the Tamil Nadu Sustainably Harnessing Ocean Resources and Blue Economy (TN-SHORE) project funded by World Bank in collaboration with Water Resources Department and local bodies. The project will begin as pilot phase in Chennai River line for an amount of Rs.4 crore.

The main objectives are as follows:

1. Prevent the entry of plastic and other waste materials into the ocean through targeted interventions in key waterways.
2. Facilitate the collection, recycling, and proper disposal of collected waste.
3. To make significant contributions toward ocean clean-up and the restoration of the health of marine ecosystems.

3. The Chairperson, Tamil Nadu Pollution Control Board has further stated that, the total estimated budget for the Trash Boom project in Chennai is Rs.4 crore as stated below covering the initial setup, equipment and operation & maintenance from the Tamil Nadu Sustainably Harnessing Ocean Resources and Blue Economy (TN-SHORE) fund sanctioned in the Government Order 1st read above.

Description	Quantity basis	Quantity	Unit Rate (Lakhs)	Amount (Crores)
Floating Trash Barrier (FTB)	500m (Length of FTB) x 1 cluster (Each cluster covers 7-8 locations)	500	0.3	1.50
Conveyor, Hydraulic Power Pack, turbine	Conveyor systems in 5 locations	5	25	1.25
Maintenance, Spares, Operations – Removal of waste from Trash boom – 2 skilled and 8 unskilled staff				0.90
Miscellaneous				0.35
Total				4.00

4. The Chairperson, Tamil Nadu Pollution Control Board has therefore requested the Government to consider the project proposal for installing Trash Boom to Mitigate Plastic Pollution in Rivers in Tamil Nadu through

TN TAPER (Tackling Plastic Pollution in Estuaries and Rivers in TN) as a pilot project in Chennai riverline at a total cost of Rs.4.00 Crore under Tamil Nadu Sustainably Harnessing Ocean Resources and Blue Economy (TN-SHORE) fund and to issue necessary Government order.

5. The Government after careful examination of the proposal of the Chairperson, Tamil Nadu Pollution Control Board in para 4 above, have decided to accept the same and order accordingly.

(BY ORDER OF THE GOVERNOR)

SUPRIYA SAHU
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

To

✓ The Chairperson,
Tamil Nadu Pollution Control Board,
Chennai – 32.

Copy to:-

The Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai-32.

The Special Personal Assistant to

Hon'ble Minister (Finance and Environment & Climate Change),
Chennai – 9.

The Private Secretary to Additional Chief Secretary to Government,
Environment, Climate Change & Forest Department,
Chennai – 9.

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SECTION OFFICER

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