



ABSTRACT

Environment, Climate Change – Tamil Nadu Pollution Control Board - Establishment of one Mobile Environmental Laboratory for Real time monitoring of Air, Water and Noise quality in Chennai District at an estimated cost of Rs.1.00 crore from Board's fund – Approval Accorded – Orders - Issued.

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

G.O.(Ms).No.86

Dated 05.06.2025

விசுவாவசு, வைகாசி-22

திருவள்ளூர் ஆண்டு – 2056

Read:

From the Chairperson, Tamil Nadu Pollution Control Board Letter No.F.No.TNPCB/DD(L)/F.No.9317/2025 Budget 2025-2026 No.12, Dated 06.05.2025.

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ORDER:

The Hon'ble Minister (Finance and Environment & Climate Change) on the floor of the Assembly during the demand session of 2025-2026 has made an announcement as follows: -

"To establish one Mobile Environmental Laboratory for Real time monitoring of Air, Water and Noise quality in Chennai District at an estimated cost of Rs.1.00 crore from Board's fund".

2. The Chairperson, Tamil Nadu Pollution Control Board has stated that the Tamil Nadu Pollution Control Board has established Eight Advanced Environmental Laboratories (AEL) and Ten District Environmental Laboratories (DEL) and One Mobile Continuous Ambient Air Quality Monitoring Laboratory, for quantitative and qualitative monitoring of Air and Water in order to assess the compliances of air and water act so as to take mitigation measures and also to help the decision makers to make future policies.

3. The Chairperson, Tamil Nadu Pollution Control Board has also informed that in order to strengthen the Environmental monitoring mechanism and also to address the public complaints onsite during emergency situations like gas leaks, oil spills, fires and foaming of water and for public awareness especially through educational outreach programmes at schools and colleges, the Tamil Nadu Pollution Control Board proposed to establish one Mobile Environmental Laboratory (for qualitative Monitoring of Air, Water and Noise) in Chennai region.

(P.T.O)

4. Further, the Mobile Environmental Laboratory will serve as a valuable asset in responding to environmental emergencies such as gas leaks, oil spills, fires and incidents of water foaming. It will facilitate on-site qualitative assessment of air, water and noise pollution levels, thereby providing a clear understanding of the prevailing environmental conditions. Based on the findings of the mobile laboratory report, the Board may take an informed decision regarding further action. The Mobile Environmental Laboratory will be equipped with the following Instruments/facilities:-

Sl. No.	Instrument/Facilities	Unit in (Nos.)
A.Non Recurring Expenditure		
I	Water (Sensors type)	
1	PH	1
2	Conductivity	1
3	Turbidity	1
4	Dissolved Oxygen	1
5	BOD	1
6	COD	1
7	Miscellaneous	
	a. Sample collection kit (Neskin, Sediment Sampler)	1
	b. Mini fridge	1
	c. Ice box	3
II	Air (Handheld)	
1	PM ₁₀	1
2	PM _{2.5}	1
3	Flue gas analyzer	1
4	Multi gas detectors	1
5	Micro meteorological instrument	1
6	Noise meter	1
III	Micro Biology	
1	Micro Biology test Kit	1
IV	Laptop	1
V	Power backup (5KVA)	1
VI	Vehicle (Tempo Traveller) – with maintenance	1

B. Recurring Expenditure		
Staff		
1	Environmental Scientist - Permanent	1
2	Field/Lab Assistant - Outsource	1
3	Cleaner - Outsource	1
4	Driver - Outsource	1

5. The Chairperson, Tamil Nadu Pollution Control Board has also informed that the total expenditure (including Non Recurring Expenditure and Recurring Expenditure) for establishment of one mobile laboratory for qualitative & quantitative monitoring of Air, Water and Noise in Chennai District, works out at an estimated cost of Rs.1.00 crore. The amount will be borne by the Tamil Nadu Pollution Control Board.

6. The Chairperson, Tamil Nadu Pollution Control Board has therefore requested to issue order from the Government for the establishment of one Mobile Environmental Laboratory for Real time monitoring of Air, Water and Noise quality in Chennai District at an estimated cost of Rs.1.00 crore from Board's fund.

7. The Government after careful examination, accord sanction for the establishment of one Mobile Environmental Laboratory for Real time monitoring of Air, Water and Noise quality in Chennai District at an estimated cost of Rs.1.00 crore from Board's fund.

(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 & Forests Department,
Chennai – 9.

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SECTION OFFICER
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