



ABSTRACT

Environment, Climate Change – Tamil Nadu Pollution Control Board - Noise mapping study in Phase-I in Chennai city using sensors at a cost of Rs.50.00 lakhs from Board's fund - Approval Accorded - Orders – Issued.

ENVIRONMENT, CLIMATE CHANGE AND FOREST (EC2(2)) DEPARTMENT

G.O.(Ms).No.144

Dated:22.08.2024

குரோதி, ஆவணி-06

திருவள்ளூர் ஆண்டு – 2055

Read:

From the Chairperson, Tamil Nadu Pollution Control Board, letter No.TNPCB / DD(Lab) F.No.071851-1/2024, dated 24.7.2024.

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ORDER:

The Hon'ble Minister (Environment, Climate Change) has made the following announcement on the floor of assembly during the budget session 2024-2025:-

"Noise mapping study in Chennai, Trichy, Coimbatore and Madurai by using sensors at a cost of Rs.50.00 lakh from Board's fund will be conducted by Tamil Nadu Pollution Control Board".

2. In the reference read above, the Chairperson, Tamil Nadu Pollution Control Board has sent the proposal and stated that the Million Plus Cities Chennai, Trichy, Coimbatore and Madurai are rapidly urbanizing and infrastructure facilities like Road, Air and Railways are continuously improved for better connectivity. Increase in population migration into cities has resulted in increase of vehicular transport and use of vehicular horns, industrial activities, building construction and demolition, Urban Local Body's infrastructure development (Roads, Bridges, Drainage, Underground Drainage) activities. Noise emitted from the above activities have deleterious effects on human health and the psychological well being of the people. Hence, it is necessary to regulate and control noise producing and generating sources with the objective of maintaining the ambient air quality standards in respect of noise.

As per the Noise Pollution (Regulation and Control) (Amendment) Rules, 2000, the areas are broadly categorized into Industrial area, Commercial area,

(P.T.O.)

Residential area and Silent Zone, Standard values in each areas are prescribed for both Day time and Night time measure in decibel (dB). Day time shall mean 6.00 a.m. to 10.00 p.m. and Night time shall mean 10.00 p.m. to 6.00 a.m. Silence zone is an area not less than 100 meters around Hospitals, Educational Institutions, Courts, Religious places or any other declared areas.

3. The Chairperson, Tamil Nadu Pollution Control Board has also stated that noise mapping study in million plus cities of Tamil Nadu viz., Chennai, Trichy, Coimbatore and Madurai will be carried out by reputed educational institutions / experts using sensors at identified locations like traffic intersections, educational institutes, hospitals, commercial areas and industrial areas within corporation limits at a cost of Rs.3.00 Crore from the Board fund. This study aims to identify noise pollution sources such as Road Traffic, Railway Traffic, Aircraft (Major airports) and Industries including ports and commercial areas and hotspots exceeding limits to help prioritize mitigation efforts. The Noise mapping study will help to identify sources of noise pollution and impacting areas across the cities during the Day and Night time. In a conclusion, Noise Mapping is helping to take significant step towards creating a healthier and more sustainable environment.

4. Further, the Chairperson, Tamil Nadu Pollution Control Board has stated that, the above proposal was placed before the Board meeting for according administrative sanction for Rs.3.00 Crore from the Board fund to carry out the Noise Mapping study in million plus cities of Tamil Nadu viz Chennai, Trichy, Coimbatore and Madurai by reputed educational institutions / experts using sensor based monitoring. The Board after detailed discussion vide its Resolution No.294-4-5, dated 18.07.2024 resolved to approve for noise Mapping study in million plus cities of Tamil Nadu viz., Chennai, Trichy, Coimbatore and Madurai, an announcement 2024-2025, by reputed educational institutions / experts using sensors at a cost of Rs.3.00 Crore from the Board's fund.

5. The Chairperson, Tamil Nadu Pollution Control Board has also stated that the noise mapping studies will be carried out in a phased manner at a cost of 3.00 crore as approved by the board, in phase-I, study will be carried out in Chennai city at a cost of Rs.50.00 Lakhs. Further, noise mapping studies in Trichy, Coimbatore and Madurai will be carried out in subsequent phases after completion of each phase.

6. The Chairperson Tamil Nadu Pollution Control Board has furnished breakup details of the Project cost of noise mapping in Chennai City as follows and requested orders for the above proposed noise mapping study: -

Sl. No	Item	Quantity (Nos.)	Cost (Rs.)	Total (Rs.)
1.	Low-cost sensor noise module (4 No. of sensor for each Zone). There are 15 Zones in Greater Chennai Corporation	60	40000	24,00,000
2.	Manpower and Consumables	-		23,00,000
3.	Data Management and Maintenance	-		3,00,000
			Total	50,00,000

7. The Government after careful examination have decided to accept the proposal of Tamil Nadu Pollution Control Board for Noise mapping study in Phase-I Chennai city using sensor based monitoring at a cost of Rs.50.00 lakhs from the Board's Fund.

(BY ORDER OF THE GOVERNOR)

P. SENTHILKUMAR
PRINCIPAL 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/Senior Private Secretary to
Hon'ble Minister (Environment & Climate Change), Chennai-9
The Private Secretary to Principal Secretary to Government,
Environment, Climate Change and Forest Department,
Chennai-9.

The Finance Department,
Chennai-9

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//FORWARDED BY ORDER//

[Signature]
23/8/24
SECTION OFFICER

[Signature]
23/8/2024

