

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI
Original Application No.693/2023**

In re : News item appearing in Deccan Herald dated 24.10.2023 titled
"Pollution Control Boards are the weak link"

**Status Report in compliance of Hon'ble NGT Order
dated 23/11/2023**

1. This Hon'ble Tribunal vide order dated 23/11/2023 directed to file the reports showing the sanctioned strength and working strength of staff in the concerned SPCBs/PCCs, CPCB the ratio of Administrative, Ministerial and Technical staff in the SPCBs/PCCs, CPCB and the regulating and monitoring facilities which are available with the SPCBs/PCCs/CPCB. In respect of laboratories, the report will disclose the sanctioned strength and present working strength of staff, the infrastructure which is available in the labs and further need for equipment and infrastructure in those labs and the provisions made in laboratories for enforcement and monitoring of hotspots in critically polluted areas. The report should also include the availability of budget and its sources and expenditure in last two years (2020-2021 and 2021-2022).

2. In compliance of this Hon'ble Tribunal Order dated 23/11/2023, the information of the Maharashtra Pollution Control Board is as under :

(I) Sanctioned strength and working strength of staff in the Maharashtra Pollution Control Board - the ratio of administrative, Ministerial and Technical staff as on 31/12/2023 is as under :-

a. Statement showing the number of sanctioned, actual working and vacant posts :

i. Technical, Administrative and Ministerial

Sr. No.	Cadre	Sanctioned Post	Filled Post		Vacant Post	
			Filled	Ratio	Vacant	Ratio
1.	Technical	335	224	66.87	111	33.13
2.	Administrative, Ministerial and Legal	418	201	48.09	217	51.91

ii. Scientific/Laboratories

Sr. No.	Cadre	Sanctioned Post	Filled Post		Vacant Post	
			Filled	Ratio	Vacant	Ratio
1.	Scientific	86	47	55.81	38	44.19

b. Statement showing the number of approved and proposed posts of MPCB (Staffing Pattern):

Sr. No.	Designation	7th Pay Scale	Approved Post	Total Proposed Post
		Pay Level		
1	Chairman	-	1	1
2	Member Secretary	-	1	1
3	Chief Engineer (IPC/WPC/APC)	S-27: 118500- 214100	0	3
4	Chief Scientific Officer	S-27: 118500- 214100	0	1
5	Chief Accounts and Finance Officer	S-27: 118500- 214100	0	1
6	Superintendent Engineer (IPC/APC/WPC/ Waste Management /Urban Pollution Control/Planning)	S-25: 78800- 209200	3	6
7	Principal Scientific Officer	S-25: 78800- 209200	1	2

8	Chief Accounts Officer	S-25: 78800-209200	1	2
9	Chief Administrative Officer	S-25: 78800-209200	0	1
10	Senior Law Officer	S-25: 78800-209200	2	1
11	Superintendent Engineer (Estate)	S-25: 78800-209200	0	1
12	Regional Officer	S-23: 67700-208700	15	20
13	Executive Engineer	S-23: 67700-208700	1	1
14	Material Officer	S-23: 67700-208700	1	0
15	Senior Scientific Officer	S-23: 67700-208700	3	13
16	Sr. Administrative Officer	S-23: 67700-208700	1	0
17	Law Officer	S-23: 67700-208700	2	2
18	Senior System Officer	S-23: 67700-208700	0	1

19	System Officer	S-20: 56100- 177500	0	2
20	Sub Regional Officer	S-20: 56100- 177500	55	101
21	Public Relation Officer	S-20: 56100- 177500	0	1
22	Scientific Officer	S-20: 56100- 177500	9	20
23	Administrative Officer	S-20: 56100- 177500	1	2
24	Accounts Officer	S-20: 56100- 177500	2	4
25	Assistant Secretary (Establishment)	S-20: 56100- 177500	1	0
26	Statistical Officer	S-20: 56100- 177500	1	1
27	Deputy Engineer	S-20: 56100- 177500	1	2
28	Personal Secretary	S-20: 56100- 177500	2	0
29	Assistant System Officer	S-15: 41800- 132300	0	4

30	Junior Scientific Officer	S-15: 41800-132300	26	57
31	Assistant Accounts/ Administrative Officer	S-15: 41800-132300	11	25
32	Assistant Law Officer	S-15: 41800-132300	3	4
33	Senior Stenographer	S-15: 41800-132300	5	10
34	Field Officer	S-15: 41800-132300	204	323
35	Head Accountant	S-14: 38600-122800	18	50
36	Office Superintendent	S-14: 38600-122800	1	0
37	Store Superintendent	S-14: 38600-122800	1	0
38	Legal Assistant	S-14: 38600-122800	4	8
39	Assistant Public Relation Officer	S-14: 38600-122800	0	2
40	Junior Stenographer	S-13: 35400-112400	27	27

41	Junior Scientific Assistant	S-13: 35400-112400	40	147
42	Statistical Assistant	S-13: 35400-112400	1	2
43	First Clerk	S-13: 35400-112400	17	0
44	Draftsman	S-10: 29200-92300	1	0
45	Field Inspector	S-10: 29200-92300	42	0
46	Senior Clerk	S-10: 29200-92300	50	86
47	Assistant Draftsman	S-8: 25500-81100	2	0
48	Electrician	S-8: 25500-81100	2	0
49	Tracer	S-7: 21700-69100	6	0
50	Laboratory Assistant	S-7: 21700-69100	7	17
51	Junior Clerk/Typist	S-6: 19900-63200	64	111
52	Driver	S-6: 19900-63200	74	87

53	Daptari	S-6: 19900- 63200	14	51
54	Instrument Fitter	S-6: 19900- 63200	1	0
55	Naik	S-3: 16600- 52400	2	0
56	Roneo Operator	S-3: 16600- 52400	1	0
57	Field Peon	S-1: 15000- 47600	0	0
58	Peon / Chowkidar	S-1: 15000- 47600	108	159
59	Lab Attendant	S-1: 15000- 47600	0	0
60	Sweeper	S-1: 15000- 47600	3	0
		Total=	839	1360

(II) Regulating and monitoring facilities which are available with the Maharashtra Pollution Control Board :-

Maharashtra Pollution Control Board regularly monitors water quality at 250 locations in the State under National Water Quality Monitoring Programme (NWMP) of

Central Pollution Control Board (CPCB) for surface water and ground water.

Also Maharashtra Pollution Control Board regularly monitors water quality at 44 locations in the State under State Water Quality Monitoring Programme (SWMP) of Central Pollution Control Board (CPCB) for surface water and ground water.

• **WATER QUALITY MONITORING NETWORK**

A) Water Quality monitoring under NWMP: Total Stations - 250

- 1) Surface Water : 200 (River-155, Sea-15, Creek-19, Dam-1, Nala-10)
- 2) Ground Water : 50

B) Water Quality monitoring under SWMP Total Stations - 44

- 1) Surface Water: 28 (River-21, Sea-1, Creek-1, Dam-3, Nalla-2)
- 2) Ground Water : 16

Surface water samples are monitored on a monthly basis and ground water samples are monitored twice in a year. Each sample is analyzed for total 48 parameters as follows

- a) Field observation - 8
- b) Core parameters - 9

- c) General parameters - 21
- d) Pesticides (15) and Trace Metals (9) – are analyzed twice in a year in April & October months

Monitoring Data is submitted to CPCB's Environment Water Quality Data Entry System Portal (EWQDES Portal) and hosted on MPCB website on monthly basis.

There are 26 Common Effluent Treatment Plants in Maharashtra State. All CETPs have installed online monitoring system at inlet and outlet of CETP. The data is connected to MPCB website. Further MPC Board is monitoring these CETPs on weekly basis. The monitoring data (Results) hosted on MPC Board website.

• **AIR QUALITY MONITORING NETWORK :**

The Maharashtra Pollution Control Board has developed an air monitoring network in the State of Maharashtra is as under :

- (i) Continuous Ambient Air Quality Monitoring System (CAAQMS): 69 no's
- (ii) National Air Quality Monitoring Programme (NAMP) -79 (Manually).
- (iii) State Air Quality Monitoring Programme (SAMP) - 44 (Manually).

- (iv) MPCB has procured 15 nos. of mobile continuous ambient air quality monitoring vehicles to investigate various complaints and to carryout environmental / industrial sampling in the State of Maharashtra.

In addition to that the MPCB has also enhancing the air monitoring network by adding 41 nos. of Continuous Ambient Air Quality Monitoring System (CAAQMS) and additional 7 nos. of continuous ambient air quality monitoring vehicles in future.

The Board officials visiting the industries from time to time and carrying out source emission monitoring (stacks) and ambient air monitoring. Based on exceedance of results and non-compliances, MPCB is taking legal actions under the environmental laws.

- (III) In respect of laboratories, the sanctioned strength and present working strength of staff, the infrastructure which is available in the labs and further need for equipment and infrastructure in those labs and the provisions made in laboratories for enforcement and monitoring of hotspots in critically polluted areas, is as under :**

A. MPCB Laboratories:

Maharashtra Pollution Control Board has established a Central Laboratory at Navi Mumbai and Seven Regional Laboratories at Pune, Nagpur, Nashik, Aurangabad, Chiplun, Thane and Chandrapur, under sub-section 2 of Section 17 of the Water (P&CP) Act, 1974 and the Air (P&CP) Act, 1981. These laboratories are equipped and approved by the Ministry of Environment Forest and Climate Change (MoEF & CC), Government of India, Delhi under Environment (Protection) Act, 1986. The Laboratories are ISO 9001:2015 and OHSAS 18001:2007 certified since 2014.

All MPCB laboratories function as 'Board Laboratories' as defined under Water and Air Act; and Environment (Protection) Act, 1986 and rules made there under to analyze the samples collected by officers authorized to collect samples from respective jurisdiction for analysis of Water, Air & Hazardous Waste, Municipal Solid Waste, Biomedical Waste samples and submit the reports to respective authority for further actions.

MPCB' laboratories are well equipped with modern sophisticated instruments and equipment such as UV Spectrophotometer, Gas Chromatograph (GC), Mass Spectrophotometer, Atomic Absorption

Spectrophotometer (AAS), Ion Chromatography (IC), Inductive Coupled Plasma (ICP), Absorbable Organic Halide Analyzer (AOx), CHNS Analyzer etc.

B. ISO 9001:2015, ISO 45001:2018 and ISO/IEC

17025:2017 NABL Accreditation:

Maharashtra Pollution Control Board's Central Laboratory and Seven Regional laboratories located at Pune, Nashik, Aurangabad, Nagpur, Chandrapur, Thane and Chiplun upon successful completion of the certification audits, has awarded certification for Quality and Management Standard (QMS) ISO 9001:2015 and Occupational Health and Safety Assessment Standard ISO 45001:2018 from Appave Assessment Ind Pvt Ltd. Central Laboratory and Seven Regional laboratories acquired ISO/IEC 17025:2017 NABL Accreditation .

All laboratories are equipped for Coal Analysis (Ash Content) as per NGT directions in application No.19/2014 dtd.15.10.2015.

C. Special Monitoring of Ambient Air during Deepawali Festival:

In compliance of Hon'ble Supreme Court Judgment dtd 23.10.2018, during Deepawali festival MPCB Laboratories analyze Ambient Air Quality

Monitoring Samples as per CPCB protocol regarding bursting of firecrackers across the state and submit analysis report well within time. This helps in the generation of data on pollution caused by bursting firecrackers.

D. Time bound completion of analysis of samples collected under special projects:

During Ganesh Festival MPCB laboratories analyzes the pre and post immersion environmental samples collected from lakes, rivers, sea, creek and submit analysis report well within time for hoisting on MPCB web site.

E. Special Training to Scientific Officials:

Training on Uncertainty of Measurement & decision Rule as per ISO/IEC 17025:2017 imparted to Senior Scientific Officer & Scientific Officer.

(IV) The availability of budget and its sources and expenditure in last two years (2020-2021 and 2021-2022) is as under :

Sr.No.	Source of Income	2020-21	2021-22
		(Amount in Lakhs Rupees)	
1	Consent Fee	35652.12	35027.89

2	Analysis Charges	253.75	402.72
3	Interest on Investment	12498.13	14621.71
4	Reimbursement of Cess	0.00	572.00
5	Other Income	664.70	1152.08
6	Total	49068.70	51776.40

Sr.No.	Expenditure Heads	2020-21	2021-22
		(Amount in Lakhs Rupees)	
1	Salary and Allowances	5682.84	4778.80
2	Expenditure for Employees Welfare	401.94	531.35
3	Project Expenditure	5055.01	5196.67
4	Office Administration	2274.38	2714.61
5	Repairs & Maintenance Expenditure	1623.98	3148.49
	Total=	15038.15	16369.92
	Excess of Income over expenditure	34030.55	35406.48

(V) **Details of the training to the Technical and Scientific Staff:-** A statement showing the details of training

program attended by the officials of the Maharashtra Pollution Control Board during the year, 2022-2023 is enclosed as an **Annexure-“I”**.

For and on behalf of the State of
Maharashtra,

Place : *Mantralaya, Mumbai.*

Date : *17.01.2024*


S. K. Nikam
Joint Secretary
Environment & Climate Change Department
Government of Maharashtra
Mantralaya, Mumbai 400 032

Details of Training Programs Attended by MPCB Officials During The Year 2022-2023

Sr. No.	Training/Workshop Dates and Period	Training Venue	Subject	No of Participants	Name of Participants
1	05.04.2022 to 08.04.2022	Nimili (Rajasthan)	NCAP: Developing air quality management plan for industrial areas	2	1) Ashok Kare, RO Nagpur 2) Amar Durgule, SRO Nashik
2	26.04.2022 to 29.04.2022	Nimili (Rajasthan)	Tools for pollution management in small and medium scale industries	2	1) Avinash Kadle, FO, 2) Rahul Nimbalkar, FO
3	07.06.2022 to 10.06.2022	Nimili (Rajasthan)	Air Quality monitoring and framing of targets and strategies for state and micro action plan for implementation under NCAP	2	1) Karansingh Rajput, SRO, HQ 2) Dhanashree Patil, SRO, Amravati
4	17.06.2022	Mazgaon (Mumbai)	Pollution response seminar/workshop and mockdrill.	1	1) Sachin Adkar, SRO
5	05.09.2022 to 09.09.2022	NEERI (Nagpur)	Monitoring of persistent oxygen pollutants.	3	1) Swapna Satam, JSA, 2) Mahesh Waise, JSA, 3) Sharvari Charmode, JSA
6	20.09.2022 to 23.09.2022	CSE Alwar	Controlling fugitive emissions from stone crusher and mineral grounding sector.	1	1) Arvind Dhapate, FO
7	21.09.2022 to 23.09.2022	Goa	Spilltech - 2022 (International Conference & Exhibition)	10	1) Y. B. Sontakke, JD WPC, 2) J. S. Salunkhe, RO 3) Ravindra Andhale, RO 4) Satish Padwal, SRO, 5) V. R. Singh, SRO, 6) Raj Kamat, SRO 7) Rahul Mote, SRO 8) Tanaji Yadav, SRO 9) Upendra Kulkarni, SRO 10) Jayant Kadam, SRO
8	12.10.2022 to 13.10.2022	Bharuch, Gujrat	Conference & Expo on "Advancing Impletation of green & sustainable chemistry in india's leading chemical industry hub - Gujrat".	2	1) Sachin Adkar, SRO, 2) Upendra Kulkarni, SRO

9	07.11.2022 to 08.11.2022	Tiptop Hotel, Pune	Workshop on 'Urban Air Quality Management and based on training on 'URBairIndia decision making tool.	23	1)Sushil Rathod,SRO 2)Pratap Jagtap,SRO 3)Somnath Kurmude,SRO 4)Parmeshwar Kamble,SRO 5)Nikhil More,SRO 6)Nandkishor Patil,FO 7)Priyashri Deshmukh,FO 8)Anirudh Varale,FO 9)Vinod Shukla,FO 10)Manish Mahajan,FO 11) Nilesh Marbhal,FO 12)Pramod Lone,FO 13)Shrutika Dalvi,FO 14)Bhagwan Maknikar,FO 15)Rohidas Matkar,FO 16)Vishal Munde,FO 17)Vikram Mane,FO 18)Sanjay Nanware,FO 19)Nitin Chowdhary,FO 20)Ujwala Wadekar,FO 21)Gajanan Pawar,FO 22)Ajit Suryawanshi,FO 23)Shehal Gole,CPCB Consultant
10	28.11.2022 to 01.12.2022	Berlin,Germany	NCPA,MOEF & CC GII Global Project Conference 'The way forward to circularity.	1	1) Dr.V.M.Motghare, JD (APC).
11	08.12.2022 to 09.12.2022	Royal Orchid, Pune	Greenhouse gas air-pollution interaction and synergies	9	1) Deepali Taide,FO 2) Deepali Chowdhary,FO 3) Vishal Munde,FO 4) Rajesh Nandgaokar,FO 5) Rajaram Injulkar,FO 6) Shivanad Baswade,FO 7) Dattatraya Gawali,FO 8) Prakash Jadhav,FO 9) Rekha Togare,FO.
12	04.01.2023 to 07.01.2023	Nimii (Rajasthan)	NCAP: framing of strategies and targets for state & micro action plan for air quality action improvement in cities	2	1)Kishor Pusadkar, SRO 2)M N Watane,FO
13	11.01.2023 to 14.01.2023	TERI Campus Delhi	Air pollution monitoring and advance analytical techniques	15	1)Dayanand Tare,JSO 2)Chandrakant Sabde,JSA 3)Salil Save,JSA 4)Mahesh Rakh,JSO 5)Mahesh Walse,JSA 6)Ravindra Raut,JSO 7)Anappa Kural,JSA 8)Sunil Salunkhe,JSA 9)Abhijit Wagh,JSA 10)Mrudula Wagh,JSA 11)Harish Narkhade,JSA 12)Santosh Kulkarni,JSA 13)Bhimraj Chavan,JSA 14)Ranjana Rane,JSO 15)Anjana Sengupta,JSA

21	20.03.2023 to 24.03.2023	TERI New Delhi	Air quality monitoring (Ambient and source emission) Analysis, Data implementation, Quality assurance and testing of various parameters & meterology	1	1)Nilesh Patil,FO
22	14.02.2023 to 17.02.2023	TERI New Delhi	Air pollution monitoring and advance analytical techniques	8	1)Rakesh Dafade,FO 2)Utkarsh Shingare,FO 3)Vishalsingh Rajput,FO 3)Nilesh Marbhai,FO 4)Pankaj Bawne,FO 5)Sanjeev Redasani,FO 6)Pramod Doke,FO 7)Priyashri Deshmukh,FO 8)Pramod Lone,FO
23	20.02.2023 to 22.02.2023	SGGS IE & T, Nanded	Enforcement of hazardous and other waste (Management and transboundary movement Rules, 2016)	2	1)Rajendra Patil, FO 2)Shripad Kulkarni, SRO
24	04.04.2023 to 06.04.2023	Hyderabad	Bio-medical waste management	3	1)Vishwjeet Thakur,SSO 2)Amol Satpute,SRO 3)Dhananjay Nanekar,,JSA
				146	