



Government of Odisha
Forest & Environment Department

No. Env. I- 20/2019 22476 /F&E, dt. 20.11.19

From

Dr. B.K. Sahoo
Sr. Scientist (EE)

To

The Member Secretary,
State Pollution Control Board, Odisha, Bhubaneswar

Sub: Proceedings of the 2nd Air Quality Monitoring Committee (AQMC)
Meeting held on 31.10.2019

Sir,

I am directed to invite a reference to your letter No. 12027 Dt. 11.11.2019 on the captioned subject and to send herewith approved proceedings of the 2nd Air Quality Monitoring Committee (AQMC) Meeting held on 31.10.2019 under the Chairmanship of the Principal Secretary, F&E Department for further needful action at your end

Encl: As above.

Yours faithfully,


Sr. Scientist (EE)


21.11.19

**PROCEEDINGS OF THE 2ND "AIR QUALITY MONITORING
COMMITTEE (AQMC)" MEETING HELD AT 12.00 NOON ON
DT.31.10.2019**

The 2nd Air Quality Monitoring Committee (AQMC) Meeting was held on 31.10.2019 at 12.00 Noon under the Chairmanship of the Principal Secretary Forest & Environment Department in the Conference Hall of F&E Department, Kharvel Bhavan, Bhubaneswar to decide modalities for quick implementation of the Projects to be executed with funds sanctioned by MoEF&CC under National Clean Air Programme (NCAP). The list of participants present in the meeting is given in **Annexure-1**.

The Principal Secretary welcomed all the participants and requested the Member Secretary, State Pollution Control Board to proceed as per agenda. The Member Secretary SPC Board briefed about action to be undertaken under National Clean Air Programme (NCAP). He also apprised about the preparation of Action Plan for improving the air quality of Kalinga Nagar as per the directions of the Hon'ble National Green Tribunal(NGT). After deliberation, the following decisions are taken:-

1. Compliance of 1st meeting of AQMC

The committee noted the compliances of 1st meeting of AQMC.

The Principal Secretary emphasized on improvement in the air quality of the non-attainment cities. She advised the SPCB to workout quarterly targets of the action plan city wise with the concerned departments, so that quarterly review of progress can be monitored.

2. Action Plan for Kalinga Nagar

As per the order of Hon'ble NGT, vide its order dated 06.08.2019, the draft action plan prepared by CSE for Kalinga Nagar was presented by Ms Anumita Roychaudhury, ED, CSE. The committee approved the action plan.

The committee noted that solid waste management and material transport are the key factor for control air pollution in Kalinga Nagar. Therefore, the Chairman suggested that several activities such as plantation, solid waste management can be collectively taken up by the industries. The SPCB and Kalinga Nagar Development Authority (KNDA) may take up these issues with the industries in Kalinga Nagar.

(Action : SPCB, Odisha / Kalinga Nagar Development Authority (KNDA))

3. Action Plan for Talcher Coal Mines

The committee noted that the action plan prepared by the State Pollution Control Board for Talcher coal mines area has already been sent to CPCB in compliance with their direction. The committee therefore, ratified the action plan.

The Chairman inquired about the action taken by M/s Mahanadi Coalfield Ltd (MCL) towards the air quality improvement of Talcher city and suggested that since M/s MCL is the key stakeholder, it shall submit an action plan with timeline. (Action : SPCB, Odisha / M/s Mahanadi Coalfield Ltd (MCL))

4. Project Implementation Under NCAP Funding

The committee noted that Rs. 10.3 crores have been sanctioned by Govt. of India under the NCAP funding and out of that Rs. 6.18 Crores have been received by the SPCB.

The Committee approved the proposal that:

- a) The SPCB shall spend Rs. 3.12 crores for installation of CAAQMS, conducting awareness program, Research Project through IIT, Bhubaneswar and Capacity Building in the following manner.
- Installation of CAAQMS in Cuttack and Bhubaneswar - Rs. 2.16 crores
 - Awareness - Rs. 0.20 crores
 - Research and Capacity Building - Rs. 0.28 crores
 - Source Apportionment Study (SAS) - Rs. 0.48 crores

- b) The H & UD Department shall facilitate spending Rs. 3.06 crores for procurement of Mechanical Street sweepers and for taking up Greening and Paving activities at appropriate location in Cuttack and Bhubaneswar.
- c) The Director Municipal Administration was asked to give project proposal for the above projects through the administrative department to F & E Department for approval. After approval by the F & E Department, funds will be transferred to the respective Municipal Corporations of Cuttack and Bhubaneswar.
- d) The Director, Municipal Administration may also provide the Account detail to SPCB and F&E Department. The funds will be transferred to the respective accounts after approval by the F & E Department.
- e) After utilization of fund, the concerned Municipal Corporations and SPCB shall raise the Utilization Certificate and the SPCB shall forward all the UCs to CPCB. (Action : SPCB, Odisha / H & UD Department)

5. Installation and Commissioning of 3 No of CAAQMS

The committee noted that at present there is no further requirement of installation of manual monitoring station in non-attainment cities, and also noted the following towards installation of CAAQMS in Bhubaneswar & Cuttack (twin city), Balasore and Rourkela city.

- Bhubaneswar & Cuttack: There is a requirement of 6 CAAQMS in the twin city of Bhubaneswar and Cuttack. At present MoEF & CC has sanctioned funds for installation of 03 CAAQMS in twin city of Bhubaneswar and Cuttack. Therefore, the SPCB may explore other sources of fund for remaining three CAAQMS.
- Balasore : There is requirement of one CAAQMS in Balasore. At present no funds are available with SPCB. However, there is a CAAQMS in Birla Tyres. That monitoring station may be used for the air quality data in Balasore.

- Rourkela: There is requirement of one CAAQMS in Rourkela. SPCB is taking steps for installation of one CAAQMS at Rourkela with the funds made available through OMBADC. However, there is a CAAQMS in M/s Rourkela Steel Plant (RSP). This monitoring station may be used for the air quality data till CAAQMS is installed in Rourkela. (Action : SPCB, Odisha)

6. **Research Program/ Capacity Building Projects to be undertaken under NCAP**

The proposal submitted by IIT, Bhubaneswar for “High resolution satellite mapping of particulate pollution (PM_{2.5}) hotspots over Bhubaneswar and other non-attainment cities in the State of Odisha” and “Air Quality Forecast System for Bhubaneswar Smart City” were approved in principle by the committee. The committee desired that the IIT, Bhubaneswar shall submit the Detail Project Report (DPR) for these two projects. The SPCB shall follow up with IIT Bhubaneswar in this regard.

It was proposed that SPCB should develop its capacity to continue the projects in future. The expenses for carrying out these projects can be made from the funds allocated by MoEF & CC under NCAP or any other source as capacity building projects. (Action : SPCB, Odisha / IIT, Bhubaneswar)

7. **Source Apportionment Study (SAS) in Non-Attainment Cities**

The committee noted that the SPCB has shortlisted the following five institutions for preparation of SAS in six non-attainment cities, following due procedure.

- a) The Automotive Research Institute of India (ARAI), Pune.
- b) Indian Institute of Technology, (IIT) Kanpur.
- c) Indian Institute of Technology, (IIT), Mumbai
- d) National Environmental Engineering Research Institute (NEERI),
Kolkata
- e) The Energy Research Institute (TERI), New Delhi

The Committee desired that expeditious steps be taken up by the SPCB for assignment of the study. (Action : SPCB, Odisha)

8. Awareness And Outreach Programme

The Committee accepted the suggestion that the strategies prepared under EPIC programme may be used for design of awareness and outreach programme. The committee also suggested that city-level awareness program may be taken up by the respective ULBs. For the city-level awareness program the Director, Municipal Administration may take the initiatives and the SPCB may support with the technical resources.

(Action : SPCB, Odisha / Concerned Municipal Bodies)

9. PAVAN (Paryavaran Application for Vayu Asudhata Niyamtran)

The committee noted the features and issues addressed in the mobile application PAVAN (Paryavaran Application for Vayu Asudhata Niyamtran).

The committee proposed that there shall be an interactive meeting within the key departments, who are assigned to handle respective public complaints in PAVAN mobile application. In the meeting they will be given demonstration on operation and handling the public complaints. (Action: SPCB, Odisha)






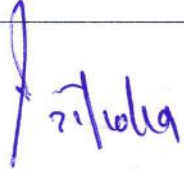


The meeting ended with vote of thanks to the chair.


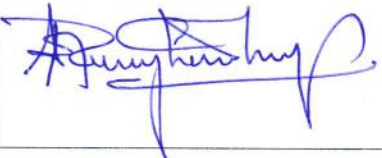



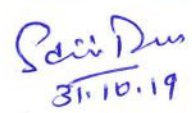

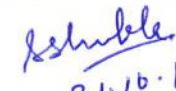


Principal Secretary,
Forest & Env. Department

ATTENDANCE SHEET

Meeting on "Air Quality Monitoring Committee (AQMC)" at 12.00 noon on Dt.31.10.2019
in the Conference Hall of F&E Department, Kharavel Bhawan, Bhubaneswar

Sl No.	Name / Designation / Department	Contact Detail (Mobile No. / Email Id)	Signature
1.	Dr. Mona Sharma, IAS Principal Secretary Forest & Environment Department Bhubaneswar		
2.	Transport Commissioner cum Chairman State Transport Authority, Cuttack	9437044000	
3.	Director, Env-cum-Special Secretary to Govt. Forest & Environment Department, Bhubaneswar	9449055389	
4.	Director, Municipal Administration H & U.D. Department (Urban Development Department), Bhubaneswar	9861149057	
5.	The Director of Industries Killa Maidan, Bauxi Bazar, Cuttack <i>Tarun Mohanty, Asst Director</i>	<i>40v</i> 9556105499	<i>Tarun Mohanty</i> 31/10/19
6.	Director Agriculture Directorate of Agriculture and Food Production, Bhubaneswar <i>for Chief Engineer</i>	9437084862	<i>for</i> 31/10/19
7.	Sri Debidutta Biswal, IFS Member Secretary State Pollution Control Board, Odisha	-	
8.	Municipal Commissioner BMC, Bhubaneswar <i>SY. Comm. BMC</i>	9938500575 <i>dc-sanitation@bmc.gov.in</i>	
9.	Municipal Commissioner CMC, Cuttack	<i>Health Officer</i> <i>CMC</i>	
10.	Executive Officer, Talcher Municipality	9438208548 <i>alaxi bioinfo@fnaci.gov.in</i>	

11.	Executive Officer, Vyasanagar Municipality	7978103 804 subhendu.jana90@yahoo.in	 31.10.19
12.	Dr. V Vinoj, Asst. Professor, IIT Bhubaneswar	-	-
13.	Ms. Anumita Roychoudhury, Executive Director (Research and Advocacy), Centre for Science and Environment (CSE), New Delhi	9811793 923 	
14.	General Manager, Environment, Mahanadi Coalfields Limited (MCL), Sambalpur	9438493388 singharsind1360@gmail.com	 31.10.19
15.	Dr. Nihar Ranjan Sahoo, Chief Env Engineer, State Pollution Control Board, Odisha	9861031605	
16.	Sri Simanchala Dash, Senior Env Engineer, State Pollution Control Board, Odisha	9437417913 dash_sered_official@com	 31/10
17.	Ms Subhadarsini Das Env Engineer, State Pollution Control Board, Odisha	9938685665 sdarsini.das@gmail.com	 31.10.19
18.	R P Rao, Sr. Manager (Env), MCL.	9438879816 rachuralem@gmail.com	 31.10.19
19.	Shambhavi Shukla CSE	8882640091 shambhavi@ceetdia.org	 31.10.19
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