

No. KSPCB/RO-PEENYA/CEPI/LAC-PRO/F.NO.G-13/2022-23/

DATED:

PROCEEDINGS OF THE EIGHTH MEETING OF LOCAL AREA COMMITTEE (LAC) OF CRITICALLY POLLUTED AREA - PEENYA INDUSTRIAL CLUSTER CONSTITUTED TO OVERSEE THE IMPLEMENTATION OF ACTION PLANS SUBMITTED TO CPCB.

Venue: KSPCB Office, Urban Eco-Park, Peenya Industrial Area, Bengaluru.

Date : 09.11.2022 – 11.00 AM.

Presided by: Prof.G. L. Sivakumar Babu, B.Tech, ME, PhD
Professor, Geotechnical Engineering Division, IISc, Bengaluru.

Members Present:

1. Sri. Shivappa Naik, ZSEO, B'lore-North, KSPCB
2. Sri. Vijayalakshmi, ZSEO, B'lore City, KSPCB
3. Sri. Prakash.K.V, AEE, SWM, RR Nagar Div. BBMP
4. Smt. Anjana Kumari, Scientist D, CPCB
5. Sri Dinakar, BWSSB, EE, WWM (H&A), Bengaluru.
6. Sri. Harinath. R, Executive Engineer, BWSSB, NWI Division,
7. Sri. Sudarshan N.P, AEE, BWSSB, Peenya,, Dasarahalli
8. Sri. Sathish Kumar C R, EE, BBMP, SWD, Peenya.
9. Sri. Sandeep T D, AE, BWSSB, NW-2 (O&M), Peenya.
10. Sri. Manjunath B, JE, BWSSB (WWM), Bengaluru.
11. Sri. Ganesh.N, (NW-3, Sub Division) AE, BWSSB, Peenya
12. Sri. Shwetha M. H., AEE (SWM), BBMP, Dasarahalli.
13. Dr. H.R.Puttaraju, EO(i/c) R.O.Dasarahalli
14. Smt. Poornima. K.S, DEO, R.O.Peenya
15. Sri. Asif Khan, Environment Officer, RO-Peenya, KSPCB (Member Convenor)

The Convener of the Committee Sri. Asif Khan, Environment Officer, Regional Office-Peenya welcomed the Chairman and all the members of the Committee & Officers present.

The SEO – Bengaluru City has informed the committee that, the action points w.r.t. BBMP & BWSSB are not progressed well. Therefore, this meeting is convened for effective implementation of action points related to these two departments. The Chairman of the LAC also informed these departments about seriousness of CEPI and probable directions of Hon'ble NGT in this matter.

Smt. Anjana Kumari, Scientist, CPCB has informed that KSPCB has to expedite the implementation of CEPI Action Plans in an effective manner. Also informed to add additional agenda points to CEPI review meeting as directed by CPCB. They are as follows.

1. Restoration of polluted water bodies/ contaminated sites/ ground water (covered under long term action points).
2. Installation of continuous water quality monitoring stations as per the directions issued by CPCB on 26.04.2022.

3. Continuous surveillance monitoring of sewage / effluent discharge in to lakes (covered under long term action points).
4. Carrying out source apportionment study for further planning of pollution control.

The Chairman of the Committee reviewed the compliance and informed to provide revised realistic timelines to complete the action points, as the time lines provided earlier are expired.

Action Points

I. Short Term Action Points

Sl No	Action Points	Responsible stake holders	Time limit	Present Status as on 09.11.2022	Remarks
1	Water Auditing by the Large industries of the study area	Large Industries	31.03.2020	KSPCB has directed all large water based industries to conduct water auditing for water conservation. WC > 100 KLD (15 industries). All are submitted the reports.	completed
2	Energy Auditing and utilization of solar energy in the roof area	Large Industries & PIA	31.03.2020	KSPCB has directed LR industries to conduct energy auditing in coordination with PIA. Power consumption >1 MW (25 industries). 126 MW of Solar energy is being harvested from 14 industries	
3	Adopting latest technology, alternative use of Eco friendly chemicals in plating/powder coating and surface treatment industries and Best practices.	Industries, PIA, Peenya	31.03.2023	All Large & Medium scale industries have been insisted to adopt cleaner technologies/best practices within time frame. <ul style="list-style-type: none"> • New / expansion of electroplating industries prohibited since 2012 • 6 point criteria strictly implemented • E manifest system for effluent tracking are adopted • Heavy oils replaced with PNG in 31 industries. 	As, it is a continuous process, industries ready to adopt latest technology as and when recommend by the KSPCB.
4	Establishment of two new manual AAQM stations in impact zone, in addition to two existing manual AAQM stations in core zone	KSPCB - RO, Dasarahalli	31.03.2020	One manual station established in Yeshwanthpur Police station.	As per NGT order OA No. 681/2018, adequate stations are available.

5	Establishment of 1 new continuous AAQM station in impact zone, in addition to one existing CPCB - CAAQM station in core zone	KSPCB - RO, Dasarahalli & RO, Ben West.	31.03.2020	One CAAQM station is under establishment at NTTF campus, Peenya.	As per NGT order OA No. 681/2018, adequate stations are available.
6	Promoting green belt within the study area	Deputy Conservator of Forest, BBMP & PIA	31.03.2020	Letters addressed to Deputy Conservator of Forest, BBMP & PIA to submit the action plan for the year 2022-23. Not submitted.	The time lines were not provided by officer from BBMP.
7	Providing fecal sludge treatment & disposal facilities	BWSSB/ BBMP	--	BWSSB has committed to complete the missing links of UGD within March 2023.	The industries / households, which are continued to use the septic tank and soak pits. The handling of fecal sludge does not falls under the purview of either BWSSB or BBMP.

Long Term Action Points

Sl No	Action Points	Responsible stake holders	Time limit	Present Status as on 09.11.2022	Remarks
1	Establishment of CETP at Urban Eco Park	KSPCB & PIA	31.12.2021	A committee has been formed & based on discussions, it was finalised to consider CETP of 125 KLD. Technical proposal & line estimate was obtained from M/s H2O India Pvt Ltd., Chennai. Revised cost Rs.23 cr (including 5 yrs O & M). Now based on PIA request, the CETP capacity is being re-designed to 200 KLD.	Time line to be fixed by KSPCB.
2	Preparation of feasibility study for restoration for remediation of ground water contamination in the study area in consultation with CPCB, identifying suitable	KSPCB, CPCB, PIA	31.12.2021	NGRI Hyderabad has been finalized by the Board and Work to be awarded.	Time line to be fixed by KSPCB.

	Technology & experts along with Expression of Interest				
3	Strengthening of existing storm water drains, rajakaluves in the study area	BBMP	--	BBMP Dasarahalli has sought budget of Rs.110 crores. Only 4 cr has been released. The UGD manholes are provided inside the storm water drains resulting in water pollution. BBMP RR Nagar has released Rs.1 Cr to take works in Peenya industrial area and same is under tendering stage.	Revised time lines to be provided by BBMP Storm Water Division. Detailed action plan to be submitted.
4	Implementation of solid waste management plan for the study area	BBMP	--	There is no solid waste management plan prepared. It is required to set up DWCs and door to door collection. To engage marshals to prevent black spots Survey of hotels/restaurants to verify SWM Providing dedicated sweeping machine Installing CCTVs to prevent black spots. Survey of automobile service stations and initiating action on water polluting service stations. Providing streetlights to prevent illegal dumps	Revised time lines to be provided by BBMP Solid Waste Management Division. Detailed action plan to be submitted.
5	Strengthening of existing UGD network & new UGD facility to avoid discharge of missing link sewage through storm water drains into natural water bodies in the study area	BWSSB	31.03.2023	BWSSB has committed to complete the UGD work in entire Peenya Industrial Area within March 2023.	Latest status to be submitted.
6	Rejuvenation of Karihobanahalli, Doddabidarakallu, Andhrahalli & Shivapura Tanks in the study Area. Installation of continuous water quality	BBMP Lakes	--	The BBMP Lakes – Dasarahalli Zone has sent an e-mail on 03.09.2022 and has prepared the DPR for Comprehensive developmental works to Shivapura Lake & Karihobanahalli (Narasappanahalli Kere) Lake amounts to Rs. 200 Lakhs & Rs.450 Lakhs	The Chief Engineer (Lakes Division) was not present for the meeting.

	monitoring stations for lakes as per the directions issued by CPCB on 26.04.2022. Continuous surveillance monitoring of sewage / effluent discharge in to lakes.			respectively and tenders to be floated.	
7	Improvement of existing roads, providing infrastructure facilities for parking of vehicles in study area	BBMP/ Traffic police	--	During the 6th LAC meeting, the Chief Engineer (Road infrastructure) has submitted a letter (No. CE/RI/PR/2830/2019-20/ dated: 31.12.2019) stating that proposal at an estimated cost of Rs.167 crores has been sent to GOK for development of roads in Dasarahalli division. The EE, BBMP (RI) Division, informed that the proposal is pending for sanction before the Finance Department.	The Chief Engineer (Road infrastructure) was not present for the meeting.
8	Carrying out source apportionment study for further planning of pollution control	KSPCB	--	SEO, Bengaluru City informed that, a separate agency can be identified for the study from the Board.	Time line to be fixed by BO, KSPCB.

The Chairman has informed that, a separate meeting can be scheduled exclusively for BBMP Chief Engineers/ Superintendent Engineers / Joint Commissioners, so that all the pending issues can be discussed and resolved at higher level.

Further, the Chairman informed all member departments to strictly adhere to the timelines and action plans. The meeting was ended with vote of thanks.

Sd/-

(Prof.G.L. SivakumarBabu)
Chairman, LAC & Professor,
IISc, Bengaluru