

MOST URGENT  
HON'BLE NGT MATTER

F. No. CP-26/3/2021-WM-I-HO-CPCB-HO

7332-7335

December 21, 2022

To

The Member Secretary  
SPCBs/PCCs  
(As per list)

Sub: Minutes of Sixth Review Meeting with SPCBs/PCC for compliance to the directions of Hon'ble NGT order dated 29.01.2021 in OA No. 804 of 2017 in the matter of Rajiv Narayan & Anr. Vs. Union of India & Ors; w.r.t Contaminated Sites – reg

Sir,

This has reference to the 6th review meeting with SPCBs/PCC held on 09.12.2022 through VC in compliance to the directions of Hon'ble NGT in the matter of O.A. No. 804 of 2017. Minutes of meeting is enclosed herewith for further necessary action.

It is requested to kindly provide the Action taken report in the matter as early as possible.

(V. P. Yadav)  
Director & Head,  
Waste Management Division-I

Encl.: As above

Copy to,

1. AO to MS : For kind information of MS, please
2. Regional Directorates, CPCB : For information and with request to follow-up the matter  
(As per list) with concern SPCBs/PCCs, please
3. DH – IT : For uploading the minutes in the website as link given below  
(<https://cpcb.nic.in/ngt-court-matters/>)

(V. P. Yadav)

#### List of 4 SPCBs/PCC

1. The Member Secretary  
Delhi Pollution Control Committee  
4th Floor, ISBT Building,  
Kashmere Gate, Delhi-110006
2. The Member Secretary  
Karnataka State Pollution Control Board  
Parisara Bhawan, 1st to 5th Floor,  
# 49, Church Street, Bengaluru-560001
3. The Member Secretary  
Uttar Pradesh Pollution Control Board  
Building No. TC-12V  
Vibhuti Khand, Gomti Nagar, Lucknow – 226 010
4. The Member Secretary  
Uttarakhand Pollution Control Board  
6B, IT Park, Sahastradhara Road, Uttarakhand

#### List of Regional Directorates, CPCB:

1. The Regional Director  
Regional Directorate - Lucknow  
PICUP Bhawan, Vibhuti Khand, Gomti Nagar,  
Lucknow - 226010
2. The Regional Director  
Regional Directorate - Bengaluru  
A-Block, Nisarga Bhavan, 1st and 2nd Floors,  
7th D Cross, Thimmaiah Road, Shivanagar,  
Bengaluru-560079
3. The Regional Director  
Regional Directorate - Chandigarh  
BSNL Telephone Exchange, 2nd Floor,  
Sector -49 C, Chandigarh – 160047

**Final Minutes of the Sixth Review Meeting with SPCBs/PCC for compliance to the directions of Hon'ble NGT order dated 29.01.2021 in OA No. 804 of 2017 in the matter of Rajiv Narayan & Anr. Vs. Union of India & Ors; w.r.t, Contaminated Sites held on 09.12.2022**

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In compliance of Hon'ble NGT order dated 29.01.2021 in O.A. No. 804 of 2017 in the matter of Rajiv Narayan & Anr. Vs. Union of India & Ors, a review meeting with 04 SPCBs/PCC (namely; Delhi, Karnataka, Uttar Pradesh & Uttarakhand), was held through VC on 09.12.2022 to discuss about the action taken report regarding assessment & remediation of contaminated/probable contaminated sites. The meeting was chaired by Sh. V. P. Yadav, Director & Head, Waste Management Division-I, CPCB, Delhi. The meeting was attended by officials of SPCBs/PCC and dealing officials of CPCB. List of the participants is given at **Annexure-I**.

At the outset, Sh. V. P. Yadav, Director and Head, Waste Management Division-I, welcomed all the participants, and made the presentation on directions passed by Hon'ble NGT in aforesaid matters regarding identification, assessment and remediation of contaminated sites in India followed by action taken status. Accordingly, Sh. G. Rambabu, Scientist-D, State/UT wise contaminated sites issues were discussed and its deliberations are given as below:

1. **Delhi:** In Delhi, 23 probable contaminated (PCS)/contaminated sites (CS) were identified, wherein 12 sites identified as PCS and other 11 sites as CS. An interaction meeting was held through VC on 26.05.2022 regarding status of preliminary assessment of said CS/PCS. In this regard, joint inspection was carried out by the officials of CPCB, DPCC and CSIR-NEERI on 23.06.22, 19.07.22 and 03.08.22 to verify the present status. In this regard, site wise suggestions/observations are given at **Annexure-II**.

**CPCB suggestion:** DPCC shall comply the suggestions/observations made by CPCB as annexed at **Annexure-II** and submit its **action taken report within 2 months**.

Further, DPCC shall constitute State Level Environmental Monitoring Committee (SLEMC) having representatives from Dept. of Environment, Industries Dept., SPCB/PCC, CGWA/SGWA, relevant Experts, etc., for effective implementation of remediation plans and communicate the SLEMC constitution to CPCB within 2 weeks.

2. **Karnataka:** Karnataka PCB has communicated vide its letters dated 17.10.2022 regarding action taken for 25 probable/contaminated sites identified in Karnataka, and the reports have been examined. In this regard, site wise suggestions/observations are given at **Annexure-II**.

**CPCB suggestion:** Karnataka PCB shall comply the suggestions/observations made by CPCB as annexed at Annexure-II. Karnataka PCB shall also carry out sampling of soil/GW/SW/sediment (as per site wise requirement) from 3-4 locations, wherein single sample was carried out, to ascertain the extent and nature of contamination and submit its action taken report to CPCB as per CPCB format within 2 months.

Further, Karnataka PCB shall constitute SLEMC having representatives from Dept. of Environment, Industries Dept., SPCB/PCC, CGWA/SGWA, relevant Experts, etc., for effective implementation of remediation plans and communicate the SLEMC constitution to CPCB within 2 weeks.

3. **Uttar Pradesh:** In UP, there are 43 sites; wherein 22 sites identified as PCS and other 21 sites as CS. UPPCB has submitted action taken report vide its letter dated 02.05.2022. Further, UPPCB has informed the following:

- i) In case of 02 chromium contaminated sites at Rania, Kanpur Dehat, UPPCB has informed that work orders have been awarded to TSDF operators by the District Administration, Kanpur Dehat, UP for lifting & disposal of Chromium waste through TSDFs.

**CPCB suggestion:** UPPCB may monitor and supervise the activities pertains to lifting & disposal of Chromium waste through TSDFs and also submit progress reports time to time.

- ii) In case of remediation of 05 pesticide contaminated sites at IPL-Deva Road, Lucknow, to ascertain the present condition of the sites, soil and groundwater samples were jointly carried out by the officials of CPCB, RD-Lucknow and UPPCB.

CPCB informed that analysis result of the samples carried out jointly is awaited. Once the analysis results received, suggestions will be communicated accordingly.

- iii) For remaining sites, UPPCB has submitted action taken reports and the same have been examined. In this regard, site wise suggestions/observations are given at **Annexure-II**.

**CPCB suggestion:** UPPCB shall comply the suggestions/observations made by CPCB as annexed at Annexure-II. UPPCB shall also carry out preliminary study as per CPCB format for those sites, wherein no action taken report is submitted.

4. **Uttarakhand:** Uttarakhand SPCB has submitted action taken report vide letter dated 13.07.2022. There are 06 sites in Uttarakhand; wherein 05 sites identified as PCS and other 01 sites is as CS. Out of 06, 05 sites are proposed for de-listing. The observation/suggestions is given at **Annexure-II**.

**CPCB suggestion:** UKPCB shall carry out detailed site investigation of the site namely: "Village-Tanspur, Roorkee, Uttarakhand-247656" and submit report to CPCB **within 2 months**.

**Recommendations/Action Points:**

1. SPCBs/PCCs need to update regularly 'Inventory of contaminated sites' and may furnish the updated data to CPCB for maintaining a national list in public domain.
2. States to take responsibility for high risk "Orphan Sites", where there is historic dumping & for which DPRs have already been prepared under NCEF project, and the polluter could not be identified or polluter is not in a position to pay for remediation costs.

**In this regard, SPCBs/PCC may follow-up with concerned State Govt.**

3. SPCBs/PCC shall carry out detailed site investigation, wherein concentration exceeded the screening levels/standards during preliminary investigation. The study shall complete within 2 months and submits the report to CPCB.
4. To ascertain the extent and nature of contamination, SPCBs/PCC shall carry out sampling of soil/GW/SW/sediment (as per site wise requirement) from 3-4 locations, wherein single sample was carried out during preliminary investigation. The study shall complete within 1 month and submits the report to CPCB.
5. SPCBs/PCC, who have not yet constituted the State Level Empowered Monitoring Committee (SLEMC), shall constitute SLEMC having representatives from Dept. of Environment, Industries Dept., SPCB/PCC, CGWA/SGWA, relevant Experts, etc. within 3 weeks for effective implementation of remediation plans and communicate the SLEMC constitution to CPCB within 02 weeks.

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Table-1: Revised State wise distribution of contaminated and probable contaminated sites

S. No.	States/UTs	Updated status as on Nov, 2022				HW lying at site	Identified site for remediation	
		Total Sites	Probable Sites (PCS)	Contaminated Sites (CS)	Proposed to De-list		Detailed Investigation and DPRs	Remediation Works
1.	Delhi	23	5	10	8			
2.	Karnataka	25	12	11	2			
3.	Uttar Pradesh	43	15	23	5	1	5	2+2 <sup>#</sup>
4.	Uttarakhand	6	0	1	5			

#Tendering process is underway

**List of officials participated (through VC)**

**CPCB Officials (HO)**

1. Sh. V. P. Yadav, Director & Head, WMD-I, Delhi
2. Sh. G. Rambabu, Scientist-D, WM-I, CPCB, Delhi
3. Dr. Gargi Biswas, RA-II, WM-I, CPCB, Delhi

**CPCB Officials (RD)**

4. Sh. Vivek K, Scientist-D, CPCB-RD, Bengaluru
5. Sh. Arvind Kumar Yadav, Scientist-B, CPCB-RD, Lucknow

**SPCB/PCC Officials**

6. Sh. P. S. Pankaj, SEE, Delhi PCC
7. Sh. Yogananda, EE, Karnataka PCB
8. Sh. Chandan Singh, EE, Uttarakhand PCB
9. Sh. Rajendra Singh, CEO, UPPCB
10. Sh. T. N Singh, UPPCB, RO, Sonebhadra