



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

MOST URGENT  
HON'BLE NGT MATTER

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

May 25, 2022

To

The Member Secretary  
SPCBs/PCCs  
(As per list)

**Sub: Minutes of Fourth 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; and order dated 09.03.2022 in OA No. 362 of 2021 in the matter of R. K. Gupta Vs. State of Madhya Pradesh, w.r.t Contaminated Sites – reg**

Sir/Madam,

This has reference to the meeting with SPCBs/PCCs held on 04.05.2022 through VC in compliance to the directions of Hon'ble NGT in the matter of O.A. No. 804 of 2017 order dated 29.01.2021 and order dated 09.03.2022 in OA No. 362 of 2021 in the matter of R. K. Gupta Vs. State of Madhya Pradesh, regarding assessment & disposal of waste and remediation of contaminated sites. In this regard, please find enclosed minutes herewith of the fourth review meeting. Action taken report may be provided to CPCB as early as possible.

(V. P. Yadav)

Director & Head,  
Waste Management Division-I

Encl.: As above



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1375-1394

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(V. P. Yadav)

Director & Head,  
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Encl.: As above

Copy to,

1. AS 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 21 SPCBs/PCC

1. The Member Secretary  
Andhra Pradesh Pollution Control Board  
D.No. 33-26-14 D/2, Near Sunrise Hospital,  
Pushpa Hotel Centre, Chalamvari Street,  
Kasturibaipet, Vijayawada – 520 010
2. The Member Secretary  
Pollution Control Board Assam  
Bamunimaiden, Guwahati – 781 021
3. The Member Secretary  
Chhattisgarh Environment Conservation Board  
Paryavas Bhawan, North Block Sector-19,  
Naya Raipur (C.G.)- 490099
4. The Member Secretary  
Delhi Pollution Control Committee  
4th Floor, ISBT Building,  
Kashmere Gate, Delhi-110006
5. The Member Secretary  
Goa Pollution Control Board  
Near Pilerne Industrial Estate,  
Oppo. Saligao Seminary, Saligaon-Bardez  
Goa - 403511
6. The Member Secretary  
Gujarat Pollution Control Board  
Paryavaran Bhawan Sector 10-A,  
Gandhi Nagar – 382 043
7. The Member Secretary  
Himachal Pradesh Pollution Control Board  
Him Parivesh Phase-III, Below BCS,  
New Simla A-9 , HP – 171 009
8. The Member Secretary  
Haryana Pollution Control Board  
C-11, Sector-6 Panchkula, Chandigarh  
Haryana-134109
9. The Member Secretary  
Jharkhand State Pollution Control Board  
T.A. Building, HEC, P.O. Dhurwa,  
Ranchi-834 004
10. The Member Secretary  
Kerala Pollution Control Board  
Pattom P.O. Thiruvananthapuram-695004
11. The Member Secretary  
Karnataka State Pollution Control Board  
Parisara Bhawan, 1st to 5th Floor,

# 49, Church Street, Bengaluru-560001

12. The Member Secretary  
Maharashtra Pollution Control Board  
Kalptaru Point, 3rd & 4th floor,  
Opp. Cine Planet, Sion Circle,  
Mumbai-400 022.
13. The Member Secretary  
Madhya Pradesh Pollution Control Board  
Paryavaran Parisar, Sector E-5,  
Arera Colony, Bhopal – 462 016
14. The Member Secretary  
State Pollution Control Board Odisha  
Paribesh Bhawan, A-118,  
Nilakantha Nagar, Unit-VIII  
Bhubaneswar – 751 012
15. The Member Secretary  
Punjab Pollution Control Board  
Vatavaran Bhawan, Nabha Road  
Patiala – 147 001
16. The Member Secretary  
Rajasthan State Pollution Control Board  
4, Jalana Doongri Institutional Area  
Jaipur Rajasthan – 302 004
17. The Member Secretary  
Telangana Pollution Control Board  
Paryavaran Bhawan, A-III  
Institutional Estate, Sanathnagar  
Hyderabad – 500018.
18. The Member Secretary  
Tamil Nadu Pollution Control Board  
76, Mount Salai, Guindy, Chennai – 600032
19. The Member Secretary  
Uttar Pradesh Pollution Control Board  
Building No. TC-12V  
Vibhuti Khand, Gomti Nagar, Lucknow – 226 010
20. The Member Secretary  
Uttarakhand Pollution Control Board  
6B, IT Park, Sahastradhara Road, Uttarakhand.
21. The Member Secretary  
West Bengal Pollution Control Board  
Paribesh Bhawan, 10A, Block- LA,  
Sector III, Salt Lake City, Kolkata – 700 106

**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 - Bhopal  
3rd Floor, Sahkar Bhawan, North TT Nagar,  
Bhopal-462003
4. The Regional Director  
Regional Directorate - Vadodara  
Parivesh Bhawan, Opp. Ward No. 10 VMC Office Subhanpura,  
Vadodara – 390 023
5. The Regional Director  
Regional Directorate – Shillong  
“TUM-SIR”. Lower Motinagar, Near Fire Brigade H.Q.,  
Shillong-793014
6. The Regional Director  
Regional Directorate – Kolkata  
‘South end Conclave’ Block-502, 5th & 6th Floor,  
1582, Razidanga, Main Road,  
Kolkata-700107
7. The Regional Director  
Regional Directorate – Chennai  
Second Floor, No.77-A, South Avenue Road,  
Ambattur Industrial Estate, Ambattur Taluk,  
Thiruvallur District, Tamil Nadu  
Chennai- 600058
8. The Regional Director  
Central Pollution Control Board - Pune  
ROW House No. 1, Sanjivani Nisarg,  
Balewadi, Pune – 411045

**Minutes of the Fourth 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; and order dated 09.03.2022 in OA No. 362 of 2021 in the matter of R. K. Gupta Vs. State of Madhya Pradesh w.r.t, Contaminated Sites held on 04.05.2022**

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, and order dated 09.03.2022 in OA No. 362 of 2021 in the matter of R. K. Gupta Vs. State of Madhya Pradesh, a review meeting with concerned SPCBs/PCC was held through VC on 04.05.2022 to discuss about the action plans and its implementations 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 namely; Andhra Pradesh, Assam, Delhi, Gujarat, Haryana, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh, & Uttarakhand 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 briefed the agenda of the meeting. Thereafter, Sh. G. Rambabu, Scientist-D, CPCB, made the presentation on detailed action points to comply with various directions passed by Hon'ble NGT in aforesaid matters regarding identification, assessment and remediation of contaminated sites in India followed by status of on-going DPR preparations and execution of remediation works by the Responsible parties. Accordingly, State wise status was discussed and its deliberations is given as below:

- 1. Andhra Pradesh:** There were 02 sites identified as Probable contaminated sites (PCS) in AP, wherein 01 PCS has been proposed for delisting as COCs of soil/groundwater samples had been reported within the range of standard/screening level. For remaining 01 PCS, APPCB has informed that investigation study for one site located in and around Uranium Tailings Pond of UCIL, Kadapa is underway.

**CPCB suggestion:** APPCB may submit the status/progress report of the aforesaid remaining 01 PCS **within a month** without any delay. Further, APPCB shall monitor groundwater quality in and around de-listed site namely; L G Polymer, Visakhapatnam, and submit quarterly report to CPCB.

- 2. Assam:** There were 03 sites in Assam; wherein, 02 sites identified as PCS and other 01 site as contaminated sites (CS). These 03 sites have been proposed for delisting as CoCs of soil/groundwater samples were reported within the range of standard/screening level.

**CPCB suggestion:** Assam SPCB shall monitor groundwater quality in and around the de-listed site i.e. Jeypore Coalfield, Namrup, Tinsukia and submit quarterly report to CPCB.

- 3. Chhattisgarh:** There are 05 sites in Chhattisgarh; wherein, 03 sites identified as PCS and other 02 sites as CS. It is observed that action taken report is still awaited from Chhattisgarh ECB and also none of the representative was present during the said meeting.



**CPCB suggestion:** As per the observations made in the compliance report filed by CPCB before Hon'ble NGT in OA No. 804/2017 dated 24.01.2021, CECB shall submit an action taken report supported with the assessment study as per prescribed format given in CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' **within 15 days** without further any delay.

4. **Delhi:** There are 23 sites in Delhi; wherein 12 sites identified as PCS and other 11 sites as CS. During the meeting, it was informed by the DPCC that preliminary site assessment studies of the said sites was awarded to CSIR-NEERI and preparation of the reports is underway.

**CPCB suggestion:** DPCC may submit an action taken report supported with the assessment study report contains analysis results and site visit photographs as per prescribed format given in CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' **within 15 days** without further any delay.

5. **Goa:** There were 03 sites identified as CS in Goa; wherein 02 sites identified as PCS and other 01 site as CS. It is observed that Goa PCB had submitted old sampling analysis results (2019-2020) for 02 sites and no action taken report was received for remaining 01 PCS. Further, it is to inform that as per MoEF&CC email communication dated 12.08.2021, new site as PCS is entitled as "Old site of immobilization and containment at M/s Zuari Agro Chemical Ltd., Goa", contamination with Arsenic & Chromium, was communicated by CPCB vide letter dated 07.09.2021 to Goa PCB for assessment study and submission of report on water and leachate quality. However, no response has been received by CPCB and during the meeting, Goa PCB has informed that this Board is not aware about the third site.

**CPCB suggestion:** Goa SPCB shall submit action taken report supported with fresh analysis results and site visit photographs **including the new PCS** i.e. "Old site of immobilization and containment at M/s Zuari Agro Chemical Ltd., Goa", contamination with Arsenic & Chromium, as per CPCB reference document **within a month** without any further delay.

6. **Gujarat:** There were 23 sites; wherein 15 sites identified as PCS and other 08 sites as CS in Gujarat. Gujarat PCB has informed that reports on few PCS/CS carried out jointly by Gujarat SPCB and CPCB (RD, Vadodara) were submitted. During the meeting, CPCB-RD (Vadodara) has also informed that database for initial concentration of contaminants for few sites are not available for comparative study.

**CPCB suggestion:** GPCB may direct responsible party (ies) to expedite in achieving remediation target levels for which remediation works are underway by the responsible party (ies) and in this regard GPCB may submit quarterly progress report to CPCB. Further, for one alleged area (containing multiple sites) contaminated with Ammonical Nitrogen at Kutch due to illegal disposal of gypsum enlisted as the matter was heard by Hon'ble NGT (WZ) vide order dated 29.01.2021 in the matter OA No. 669 of 2018 (WZ). In this regard, it is suggested that joint visit by the officials of Gujarat PCB and CPCB (RD, Vadodara) may be carried out to ascertain the extent and nature of contaminant and submit the report to CPCB **within a month**.



7. **Himachal Pradesh:** There is 01 site in HP as CS and in this regard site assessment study report is still awaited. However, HPPCB has informed that the report has been prepared and will be submitted by 1-2 days.

**CPCB suggestion:** Site assessment report submitted by HPPCB is under review by CPCB and further course of action to be taken by HPPCB may be communicated by CPCB.

8. **Haryana:** There are 14 sites in Haryana; wherein 10 sites identified as PCS and other 04 sites are as CS. It was observed that Haryana SPCB had submitted old sampling analysis results (2019-2020). In this regard, Haryana SPCB has informed that report preparation is underway and submit shortly.

**CPCB suggestion:** Haryana SPCB may submit action taken report supported with fresh analysis results and site visit/sampling photographs as per CPCB reference document **within 3 weeks** without any delay.

9. **Jharkhand:** There are 14 sites in Jharkhand; wherein 12 sites identified as PCS and other 02 sites are as CS. In case of contaminated site at Roro hills; Jharkhand SPCB has submitted that detailed investigation report on "Rehabilitation of Roro abandoned asbestos mines" along with remediation status and also communicated that remedial action has been taken by Dept. of Mining, Jharkhand. For remaining sites, Jharkhand SPCB had submitted old sampling analysis results (2019-2020). However, during the meeting, it is observed that none of the representative from JSPCB was present.

**CPCB suggestion:** Jharkhand SPCB shall submit action taken report of other sites supported with fresh analysis results and site visit/sampling photographs **within 3 weeks** without any delay. Further, Jharkhand SPCB shall submit quarterly progress report for which remediation works is underway.

10. **Karnataka:** There are 25 sites in Karnataka; wherein, 19 sites identified as PCS and other 06 sites are as CS. It was observed that the site assessment reports has been submitted by Karnataka SPCB were not in CPCB prescribed format and analysis results are not also specified properly with the sites.

**CPCB suggestion:** KSPCB shall submit an action taken report supported with the assessment study under taken contains analysis results and site visit photographs as per CPCB reference Document **within 15 days**. In this regard, concerned officer from CPCB-RD, Bengaluru is requested to follow-up the matter with Karnataka SPCB for early submission of action taken report.

11. **Kerala:** There are 9 sites in Kerala; wherein 05 sites identified as PCS and other 04 sites are as CS.



Three **(03) contaminated sites** for which DPR had been prepared under NCEF Project and forwarded the same to Government of Kerala and Kerala SPCB for execution of Remediation works.

- i) Out of **03 sites**, Kerala SPCB informed that for **01 site** at Kuzikundam Thodu (Creek), Eloor, tendering process is underway for execution of remediation work.

**CPCB suggestion:** As the case is heard by Hon'ble NGT (SZ) in OA No. 561 of 2018 in the matter of Shibu Manual Vs. Union of India & Ors.; Kerala SPCB may expedite in tendering process and execute remediation works **at the earliest/within a month**. Status in this regard may be submitted to CPCB **within a month**.

- ii) In case of other **02 sites** at Edayar, despite regular follow-up by CPCB, no progress is observed regarding execution of remediation works as per DPR prepared. As the case is heard by Hon'ble NGT (SZ) in OA No. 143 of 2020 and 182 of 2021; Kerala SPCB has informed that 02 meetings of expert committee were held and joint site visit has been proposed by the committee to ascertain the current situation of site.

**CPCB suggestion:** As the case is heard by Hon'ble NGT (SZ) in OA No. 143 of 2020 and 182 of 2021; Kerala SPCB may issue direction to responsible party within 10 days to initiate lifting and disposal of waste from the unlined jerosite ponds to secure landfill. Status in this regard may be submitted to CPCB **within 3 weeks** without any delay.

In case of failure to comply, as per the Hon'ble NGT order dated 26.08.2019 in OA No. 804/2017, environmental compensation shall be imposed to Kerala SPCB at the rate of Rs. 10 lakh per site.

- iii) Further for remaining 06 sites, Kerala SPCB has informed that assessment study has been completed and the report is under preparation.

**CPCB suggestion:** Kerala SPCB may submit action taken reports supported with fresh analysis results and site visit/sampling photographs **within 3 weeks** without any further delay.

Further, with regard to the DPR prepared for remediation of contaminated sites at Eloor-Edayar under NCEF project, state share may be arranged in pursuance with State Govt. at the earliest to CPCB so as to enable in release of pending payment to Consultant.

In this regard, CPCB-RD, Bengaluru is requested to follow-up the matter with Kerala SPCB.

**12. Madhya Pradesh:** There were 20 sites in MP; wherein 13 sites identified as PCS and other 07 sites are as CS.

- i) MPPCB has submitted revised site wise investigation reports as per the format given in Reference document on 'Identification, Inspection and Assessment of Contaminated

Sites' prepared by CPCB and requested to delist the sites wherein concentrations were reported within limit/screening levels/standards.

**CPCB suggestion:** Review of site investigation reports are underway by CPCB and in this regard observations/suggestions will be communicated shortly for further course of action to be taken by MPPCB.

- ii) In case of **02 sites** at UCIL, the matter was heard by Hon'ble NGT(PB) vide order dated 09.03.2022 in OA No. 362 of 2021 and linked with the order dated 26.08.2019 in OA No. 804 of 2017, directed that SPCBs/PCC shall ensure that HW accumulated/lying at following sites shall be disposed of either through TSDF or SLF on priority to stop further contamination.

**CPCB suggestion:** As the matter is heard by Hon'ble NGT in OA No. 362 of 2021 and OA No. 804 of 2017, MPPCB may follow-up or coordinate with State Govt. to initiate disposal of the hazardous waste stored at UCIL premises through TSDF at the earliest. Status in this regard may be submitted to CPCB **within a month**.

13. **Maharashtra:** There are 06 sites in Maharashtra; wherein 03 sites identified as PCS and other 03 sites are as CS. In this regard, Maharashtra PCB has informed that site assessment work has been awarded to CSIR-NEERI, Nagpur for 05 sites and the final reports are under preparation to submit. As per draft report submitted by MPCB, these 05 sites may be confirmed as CS. Out of 05 sites, hazardous waste were observed at 02 sites.

**CPCB suggestion:** Maharashtra PCB may furnish final site investigation reports of 05 CSs **within 15 days**. As the case is heard by Hon'ble NGT in OA No. 362 of 2021 and wherein hazardous waste is observed, MPCB may issue appropriate direction(s) to responsible party (ies) for initiating disposal of hazardous waste through TSDF within 2 weeks month. In this regard, progress on disposal of hazardous waste may be submitted to CPCB with 3 weeks.

In case of failure to comply, as per the Hon'ble NGT order dated 26.08.2019 in OA No. 804/2017, environmental compensation shall be imposed to MPCB at the rate of Rs. 10 lakh per site.

Further for 01 CS, where remediation of contaminated groundwater is underway by applying Bioremediation technique since September, 2017, MPCB may submit quarterly progress report to CPCB.

14. **Odisha:** There are 32 sites in Odisha; wherein, 09 sites identified as PCS and other 23 sites are as CS. Odisha SPCB has informed the following:

- i) For **03 mercury contaminated sites** at Ganjam, remediation work is underway as per the DPR.
- ii) For **01 chromium contaminated site** at Talcher, no progress is observed regarding disposal of wastes from the site. OSPCB has also informed that regular follow-up is

being made with the responsible party and CSIR-IIMT for disposal of hazardous waste lying at site.

**CPCB suggestion:** Since no progress is observed for **chromium contaminated site at Orichem, Talcher**, OSPCB may issue necessary directions to the Responsible Party for lifting and disposal of hazardous waste through TSDF or SLF. In case of failure to comply, as per the Hon'ble NGT order dated 26.08.2019 in OA No. 804/2017, environmental compensation may be imposed to Odisha SPCB at the rate of Rs. 10 lakh per site.

- iii) For remaining sites, OSPCB has informed that re-sampling activity has been initiated, as per CPCB Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' and preparation of report is underway.

**CPCB suggestion:** OSPCB may submit action taken reports supported with analysis results of CoCs with general parameters & heavy metals and site visit/sampling photographs **within a month** without any further delay.

- 15. Punjab:** There are 09 sites in Punjab; wherein 03 sites identified as PCS and other 06 sites are as CS. Punjab PCB has informed that the action taken reports already submitted as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' and requested CPCB to reconsider the said reports for de-listing the said sites. However, it is observed that the said reports are not yet received by CPCB.

**CPCB suggestion:** Punjab PCB may re-submit the aforesaid action taken reports as per CPCB recommendations **within a week** without any delay.

- 16. Rajasthan:** There are 10 sites in Rajasthan; wherein, 08 sites identified as PCS and other 02 sites are as CS. No information was received till date. In this regard, Rajasthan SPCB informed that preliminary site assessment activity as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' has been completed and the reports in this regard will be submitted by next 2-3 days.

**CPCB suggestion:** Rajasthan PCB shall submit site investigation report supported with analysis results and site visit/sampling photographs **within 2-3 days** without any further delay.

- 17. Tamil Nadu:** There are 11 sites in TN; wherein 05 sites identified as PCS and other 06 sites are as CS. TNPCB has informed the following:

- i) Mercury contaminated site at Kodaikanal, remediation work is underway.
- ii) BPCL oil-contaminated site at Tondiarpet, remediation work is underway.
- iii) In case of chromium contaminated site at Ranipet, tendering for executing interim remedial measures as per the DPR is underway.

- iv) Assessment work for remaining sites have been initiated as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites', and the reports are under preparation.

**CPCB suggestion:** TNPCB may expedite in preparing tender document with the help of KITCO/any other reputed consultants, etc., for lifting/disposal of hazardous wastes from the Ranipet site in time bound manner as the case is also pending before Hon'ble NGT (SZ) in OA No. 186 of 2020 (Suo-Moto). In this regard, CPCB-RD Chennai is requested to follow-up the issue with TNPCB and status for lifting/disposal of hazardous wastes shall be submitted within 3 weeks by TNPCB.

In case of failure to comply for lifting/disposal of hazardous wastes from the site, as per the Hon'ble NGT order dated 26.08.2019 in OA No. 804/2017, environmental compensation may have to be paid by TNPCB at the rate of Rs. 10 lakh per site.

For remaining sites, TNPCB may submit action taken report supported with analysis results and site visit/sampling photographs **within a month** without further delay.

- 18. Telangana:** There are 09 sites in Telangana; wherein 07 sites identified as PCS and other 02 sites are as CS. TSPCB has informed that re-sampling activity has been initiated as per CPCB Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' and the report is under preparation.

**CPCB suggestion:** Telangana SPCB shall submit action taken report supported with analysis results and site visit/sampling photographs **within a month**.

- 19. Uttarakhand:** There are 06 sites in Uttarakhand; wherein 05 sites identified as PCS and other 01 sites is as CS. Uttarakhand SPCB has informed that re-sampling activity has been initiated as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' and the report is under preparation.

**CPCB suggestion:** Uttarakhand SPCB shall submit investigation report supported with analysis results and site visit/sampling photographs **within 15 days**.

- 20. Uttar Pradesh:** There are 43 sites in UP; wherein 22 sites identified as PCS and other 21 sites are as CS. UPPCB has informed the following:

- i) In case of 02 chromium contaminated sites at Rania, Kanpur Dehat, UPPCB has informed that the matter is heard by Hon'ble NGT (PB) in OA Nos. 200 of 2014 and 985 & 986 of 2019 and accordingly constituted expert committee under the chairmanship of Chief Secretary, UP Govt. comprising members from MoEF&CC, CPCB, NMCG, UPPCB and District Magistrates of Kanpur Dehat & Kanpur Nagar to review the scientific disposal of Chromium dumps at Rania, Kanpur Dehat and Rakhi Mandi, Kanpur Nagar which have been in existence since 1976 and have inter-alia resulted in contamination of ground water adversely affecting the health and depriving the inhabitants of access

to drinking water. In this regard, one meeting was held under the chairmanship of the Chief Secretary, Govt. of UP.

**CPCB suggestion:** As the case is heard by Hon'ble NGT (PB) in OA Nos. 200 of 2014 and 985 & 986 of 2019; UPPCB may follow-up to expedite in execution of remediation works as per DPR in time bound manner.

In case of failure to comply, as per the Hon'ble NGT order dated 26.08.2019 in OA No. 804 of 2017, environmental compensation may have to be paid by UPPCB at the rate of Rs. 10 lakh per site.

- ii) In case of remediation of 05 pesticide contaminated sites at IPL-Deva Road, Lucknow, UPPCB informed that for further study of the said sites task was assigned to CSIR-IITR, Lucknow, to ascertain the extent of contamination in soil/groundwater/surface water/sediment. In this regard, CPCB already informed in the 3<sup>rd</sup> meeting held on 18.11.2021 that DPR is already been approved by Project Steering Committee (PSC) under the chairmanship of Chairman, CPCB after consultation with Technical Expert Committee (TEC) of CPCB including officials of UPPCB. Therefore, UPPCB may direct the responsible party to initiate remediation works as per DPR at the earliest.

**CPCB suggestion:** As the DPR prepared, UPPCB may expedite in execution of remediation works at the earliest and submit progress report **within a month** without any further delay.

- iii) For remaining sites, UPPCB has informed that they had submitted the report on 03.04.2022 as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites'.

**CPCB suggestion:** Upon receipt of aforesaid reports, CPCB will review the same and communicate the observation shortly for further course of action to be initiated by UPPCB.

**21. West Bengal:** There are 07 sites in WB; wherein, 06 sites are identified as PCS and 01 site is as CS. In case of one chromium contaminated site at Nibra, for which DPR was prepared under NCEF project, it is observed that no action has been taken for execution of remediation works. In this regard, it is to inform that state share for preparation of DPR is still awaited. Further, during the said meeting, it is observed that none of the representative was present.

**CPCB suggestion:** WBPCB may initiate remediation work immediately as per the DPR prepared under NCEF project without any further delay. Further, State share for preparation of DPR may be arranged to CPCB at the earliest so as to enable in release of pending payment to Consultant.

Moreover, for remaining 06 PCSs, WBPCB shall submit action taken report supported with analysis results and site visit/sampling photographs **within a month**. In this regard, CPCB-RD, Kolkata is requested to follow-up the matter with WBPCB.



**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. SPCBs/PCCs should initiate preliminary investigation of probable contaminated sites followed by detailed investigation and remediation works, if required. And Action taken reports will be submitted by concern SPCBs/PCC within one month without any delay.

**In this regard, who have not yet submitted the aforesaid Action taken reports, may submit the same within one month from the date of issue of this minutes.**

3. SPCBs/PCC may initiate **immediate remedial actions for priority contaminated sites and wherein DPRs prepared for remediation of contaminated sites under National Clean Energy Fund (NCEF) project.**
4. 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.**

5. SPCBs/PCCs shall monitor, wherein Remediation work is undertaken by Responsible Party (ies) and wherein DPRs prepared under NCEF project, SPCBs/PCC shall submit **progress/status report bi-monthly.**
6. As per the directions of NGT, SPCBs/PCC shall ensure that the hazardous waste accumulated/lying at following sites shall be disposed off either through TSDF or SLF on priority to stop further contamination.

**In case of failure to comply, as per the Hon'ble NGT order dated 26.08.2019 in OA No. 804 of 2017 and order dated 09.03.2022 in OA No. 362 of 2021, environmental compensation may have to be paid by SPCBs/PCC at the rate of Rs. 10 lakh per site.**

7. 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

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**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 (HO)**

4. Sh. Gurnam Singh, Regional Director, CPCB-RD, Chandigarh
5. Sh. Montu Chaoudhury, Regional Director, CPCB-RD, Shillong
6. Sh. P. Jagan, Regional Director, CPCB-RD, Bhopal
7. Ms. H. D. Varalaxmi, Regional Director, CPCB-RD, Chennai
8. Dr. R. K. Singh, Regional Director, CPCB-RD, Lucknow
9. Sh. Prasoon Gargava, Regional Director, CPCB-RD, Vadodara
10. Sh. Vivek K, Scientist-D, CPCB-RD, Bengaluru
11. Ms. Anjana, Scientist-D, CPCB-RD, Bengaluru
12. Sh. Sandeep Roy, Scientist-D, CPCB-RD, Kolkata

**MoEF&CC Officials**

1. Dr. N. Subhramaniam, Scientist-D, HSM Division, MoEF&CC

**SPCB/PCC Officials**

1. Dr. Sheela A M, Member Secretary, Kerala SPCB
2. Ms. Mayma, EE, Kerala SPCB
3. Sh. Pankaj Dutta, EE, Assam, SPCB
4. Sh. Ankuran Pathak, AEE, Assam, SPCB
5. Sh. Nagarjuna, EE, APPCB
6. Sh. Nandkumar Gurav, Regional Officer, HQ, Maharashtra PCB
7. Sh. D. M. Thaker, SEE, Gujarat PCB
8. Sh. H. S. Malviya, SE, MPPCB
9. Sh. Harshvardhan Thakkar, Scientist, MPPCB
10. Dr. Manoj Chauhan, Pr. Scientific Officer, HPPCB
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12. Sh. Rakesh Kumar, SEE, Punjab PCB
13. Sh. D. Narendar, SEE, Telangana SPCB
14. Sh. P. C. Rauta, SEE, OSPCB
15. Sh. Dipesh Biswal, EE, OSPCB
16. Sh. Rajendar Singh, EE, UPPCB
17. Sh. Yogananda, EE, Karnataka PCB
18. Sh. Naveen Gulia, SEE, Haryana PCB
19. Sh. P. S. Pankaj, SEE, Delhi PCC
20. Sh. Sanjay Juvelkar, SEE, Goa SPCB
21. Sh. Pavin Dessai, EE, Goa SPCB
22. Sh. Ankur Kansal, EE, UKPCB
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25. Ms. Jayshri Kala, Scientific Officer, Rajasthan SPCB