

**MOST URGENT
HON'BLE NGT MATTER**

F. No. CP-26/3/2021-WM-I-HO-CPCB-HO 10138

January 04, 2021

To

The Member Secretary
SPCBs/PCCs
(As per list)

Sub: Minutes of the Third Review Meeting with SPCBs/PCC held on 18.11.2021 in compliance to the directions 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; w.r.t Contaminated Sites – reg

Sir/Madam,

This has reference to the meeting with SPCBs/PCC held on 18.11.2021 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 regarding assessment and remediation of contaminated sites. In this regard, please find enclosed minutes of the third review meeting for necessary action and action taken report may be provided to CPCB as soon as possible.

(V. P. Yadav)

Director & Head,
Waste Management Division-I

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/PCC, 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 Third Review Meeting with 21 SPCBs/PCC for compliance to the directions 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; w.r.t, Contaminated Sites in India, held on 18.11.2021

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, regarding **assessment and remediation of contaminated sites**, a review meeting with concerned SPCBs/PCC was held through VC on 18.11.2021 to discuss about the action plans. The meeting was chaired by Member Secretary, CPCB, Delhi. The meeting was attended by officials of SPCBs/PCC namely; Andhra Pradesh, Assam, Chhattisgarh, Delhi, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh, Uttarakhand & West Bengal and dealing officials of CPCB. List of participants is given at **Annexure-I**.

At the outset, Dr. Prashant Gargava, Member Secretary, CPCB, welcomed all of the participants and briefed the agenda of the meeting. Sh V.P.Yadav, Scientist-F, CPCB, briefed about action points to comply with various directions passed by Hon'ble NGT for identification, assessment and remediation of contaminated sites in India. Concerned SPCBs/PCCs presented their status on implementation of Detailed Project Reports (DPRs) prepared under NCEF Project and action taken to comply with said directions of Hon'ble NGT. State specific status was discussed in the meeting. Brief is given as below:

1. **Andhra Pradesh:** There were 04 sites identified as Probable contaminated sites (PCS) in AP, wherein 02 PCS has been proposed for delisting as COCs of soil/groundwater samples had been found within the range standard/screening level. For remaining 02 PCS, APPCB has informed that investigation study for one site located in and around the premises of LG Polymer, Visakhapatnam has been completed and other site of Uranium Tailings Pond of UCIL, Kadapa is underway.

CPCB suggestion: APPCB may submit the status/progress report of the aforesaid remaining 02 PCSs within 2 weeks without any delay.

2. **Assam:** There were 04 sites in Assam; wherein, 02 sites identified as PCS and other 02 sites as contaminated sites (CS). Assam SPCB has informed that re-sampling activity has been completed and reports in this regard will be submitted by next 7 days.

3. **Chhattisgarh:** There are 05 sites in Chhattisgarh; wherein, 03 sites identified as PCS and other 02 sites as CS. It is submitted that no action taken report received by CPCB 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 may 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 a month 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 had awarded the assessment study of the said sites to CSIR-NEERI and the works are underway.

CPCB suggestion: DPCC may submit an action taken report supported with the assessment study report contains analysis results and site visit photographs within a month.

5. **Goa:** There were 02 sites identified as CS in Goa. Further, 01 more site is en-listed as 'New-Site (PCS)' contaminated with Arsenic & Chromium, as per MoEF&CC email communication dated 12.08.2021. Accordingly, CPCB vide letter dated 07.09.2021, requested Goa PCB to submit detailed report on water and leachate quality of the said site. However, no response has been received by CPCB and also none of the representative of Goa SPCB was present during the said meeting.

CPCB suggestion: Goa SPCB may submit action taken report supported with analysis results and site visit photographs and may also submit detailed report on water and leachate quality of the aforesaid new site 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 site investigation of few PCS/CS carried out jointly by Gujarat SPCB and CPCB (RD, Vadodara) were submitted to CPCB, Delhi for review.

Further, CPCB has informed that as per Hon'ble NGT (WZ) in OA No. 669 of 2018, 01 new site has been enlisted as contaminated site with Ammoniacal Nitrogen in soil and groundwater.

CPCB suggestion: GPCB shall submit detailed investigation report of the aforesaid new site along with information as per prescribed format given in CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' within a month.

Further, GPCB may provide detailed investigation report/Detailed Project Report (DPR) of the following contaminated sites for which remediation works are underway by responsible party (ies):

- (i) 02 sites at ECP Channel, Vadodara; so as to verify whether delineation of the contaminated channel (site) has been specified in the detailed investigation report/DPR or not.
- (ii) 01 site at Swastik Organic, Sabar Dairy Road, Piplodi; to know the details of remediation technology suggested in the DPR.

In view of the above, GPCB may direct responsible party (ies) to achieve remediation target in time bound manner works submit progress report from time to time.

7. **Himachal Pradesh:** There were 04 sites in HP; wherein 03 sites identified as PCS and other 01 site as CS. Out of 04 sites, 03 PCSs has been proposed for de-listing as CoCs of soil/groundwater/surface water/sediment samples had been found within the range of standard/screening level.

CPCB suggestion: In case of 01 site, HPPCB may carry out re-sampling with adequate no. of samples and submit action taken report contains analysis results and sampling photographs as per the CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites within a month.

8. **Haryana:** There are 14 sites in Haryana; wherein 10 sites identified as PCS and other 04 sites are as CS. Haryana 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 report preparation is underway.

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

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 informed that detailed investigation report on "Rehabilitation of Roro abandoned asbestos mines" along with remediation status was submitted and informed that remedial action has been taken by Dept. of Mining, Jharkhand. For remaining sites,

Jharkhand SPCB has informed that re-sampling activity has been initiated, as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites'.

CPCB suggestion: Jharkhand SPCB may submit progress report of remediation works underway by Dept. of Mining, Jharkhand and also submit action taken report of other sites for assessment study has been initiated by SPCB supported with analysis results and site visit/sampling photographs within a month.

10. Karnataka: There are 25 sites in Karnataka; wherein, 19 sites identified as PCS and other 06 sites are as CS. Karnataka SPCB has informed that the site Assessment study(ies) has been completed as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' and the results/reports indicate that 24 out of 25 sites are revealed no contamination. Hence, it is requested to de-list the said 24 sites.

CPCB suggestion: CPCB informed that a decision may be taken after reviewing the investigation reports furnished by the Karnataka SPCB for de-listing of those sites.

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 DPRs have 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 (Creak), 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 2 months.

- ii) In case of other **02 sites** at Edayar, no progress has been made for execution of remediation works as per DPR despite regular follow-up by CPCB.

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 to initiate lifting and

disposal of waste from the unlined jerosite ponds and execute remediation works as per the DPR at the earliest. Status in this regard may be submitted to CPCB time to time.

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 have to be paid by Kerala SPCB at the rate of Rs. 10 lakh per site.

Further for remaining 06 sites, Kerala SPCB has informed that assessment study has been completed as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' and the report is under preparation.

CPCB suggestion: Kerala SPCB may submit action taken reports supported with analysis results and site visit/sampling photographs within a month.

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

12. Madhya Pradesh: There were 20 sites in MP; wherein 13 sites identified as PCS and other 07 sites are as CS. However, with reference to CPCB vide letter dated 19.04.2021. In this regard, MPPCB has informed that they had submitted site wise revised inspection/action taken report along with analysis results vide its letter dated 29.10.2020. However, it was observed by CPCB that the reports had the following gaps and the same observations were communicated for further course of action by MPPCB:

- i) Sampling of groundwater/surface water/sediment is not carried out,
- ii) Heavy metals in soil were analysed by using TCLP extraction method instead of total threshold values in mg/kg.

Therefore, MPPCB was requested to revise site wise investigation reports as per the format given in Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' prepared by CPCB.

CPCB suggestion: MPPCB may submit action taken reports supported with analysis results and site visit/sampling photographs 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 assessment

work has been awarded to CSIR-NEERI, Nagpur for 05 sites and the reports are about to submit.

Further for 01 CS, where contaminated groundwater is being remediated by applying Bioremediation technique since September, 2017 and the industry has prayed to Hon'ble NGT for extending the time period towards completion of said work up to 31.12.2021, progress report till date is requested to submit to CPCB (HO).

CPCB suggestion: Maharashtra PCB may furnish site investigation reports of 05 sites within 2 weeks or at the earliest and may also furnish progress report for which remediation work is underway time to time.

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) Preliminary assessment was completed for all sites.
- ii) For **03 mercury contaminated sites** at Ganjam, remediation work is underway as per the DPR.
- iii) For **01 chromium contaminated site** at Talcher, no progress report is made available regarding disposal of wastes from the site. OSPCB has also informed that regular follow-up is being made with the responsible party and State Govt.

CPCB suggestion: As suggested during the meeting held on 30.04.2021 through VC regarding **chromium contaminated site at Orichem, Talcher**, OSPCB may issue necessary directions to the Responsible Party for lifting and disposal of hazardous waste. In case of failure to comply, environmental compensation may have to be paid by Odisha SPCB.

- iv) 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 and site visit/sampling photographs within a month.

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.

CPCB informed while reviewing the action taken report submitted by the Punjab PCB, following were observed:

- (i) limited groundwater samples were collected,
- (ii) Sediment sampling not done wherein surface water samples carried out.

CPCB suggestion: Punjab PCB may carry out detailed site investigation with taking adequate no. of samples wherein the site is reported as contaminated and submit report within a month.

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 assessment activity as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' is underway and the reports in this regard will be submitted by next 07 days.

CPCB suggestion: Rajasthan PCB may submit site investigation report supported with analysis results and site visit/sampling photographs within 7 days without any 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) TNPCB informed that assessment work has been initiated as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites', and the reports are under preparation.
- ii) For mercury contaminated site at Kodaikanal, remediation work is initiated.
- iii) For BPCL oil-contaminated site at Tondiarpet, remediation work is underway.
- iv) In case of chromium contaminated site at Ranipet, no information is received regarding lifting/disposal of wastes from the site.

CPCB suggestion: TNPCB may follow-up the matter with State Govt for execution of remediation works as per the DPR prepared under NCEF Project, and expedite the process of lifting/disposal of hazardous wastes from the site and execution of

remediation works in time bound manner as the case is pending before Hon'ble NGT (SZ) in OA No. 186 of 2020 (Suo-Moto).

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.

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 may 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 may submit investigation report supported with analysis results and site visit/sampling photographs within a month.

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 order to assess the on-going remediation of hexavalent chromium contaminated groundwater at two (02) contaminated sites at Lohia Nagar, Ghaziabad, site inspections followed by sampling was carried out by CPCB, Delhi on 19.12.2020 & 27.02.2021, respectively. In this regard, CPCB vide its letters dated 06.07.21 & 17.09.21, communicated inspection reports containing findings and recommendations for necessary action.

CPCB suggestion: As chromium contamination was reported in the samples of groundwater and to ascertain the actual source of contamination, UPPCB may issue necessary directions to Responsible party (ies) for further course of action.

- ii) In case of 02 chromium contaminated sites at Rania, UPPCB informed that further study was assigned to IIT Kanpur to ascertain the quantity of waste/contaminated soil. Once the study is completed, tendering process will be initiated for execution of remediation work by UPSIDA.

CPCB suggestion: As the case is heard by Hon'ble NGT (PB) in OA Nos. 200 of 2014 and 985 & 986 of 2017; UPPCB may follow-up the issue with concerned Department, Govt. of UP to expedite in tendering process and execute remediation works as per DPR in time bound manner at the earliest.

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.

- iii) In case of remediation of 05 pesticide contaminated sites at Deva Road, 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 informed 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. In case of failure to comply, environmental compensation may have to be paid by UPPCB.

CPCB suggestion: As the DPR prepared, UPPCB may expedite in tendering process to execute remediation works at the earliest and submit progress report from time to time.

- iv) For remaining sites, UPPCB has informed that re-sampling activity has been initiated as per CPCB's Reference document on 'Identification, Inspection and Assessment of Contaminated Sites'.

CPCB suggestion: UPPCB may submit action taken reports supported with analysis results and site visit/sampling photographs within a month without any further delay.

21. West Bengal: There are 07 sites in WB; wherein, 06 sites are identified as PCS and 01 site is as CS. For chromium contaminated site at Nibra, wherein DPR was prepared, WBPCB informed that remediation work is delayed due to COVID-19 pandemic.

CPCB suggestion: As there is no restriction on Covid-19 pandemic, WBPCB is requested to initiate remediation work immediately as per the DPR prepared under NCEF project without any further delay. In this regard, State share for preparation of DPR may be arranged to CPCB so as to enable in release of pending payment to Consultant.

Further for remaining 06 PCSs, WBPCB is requested to submit action taken report supported with analysis results and site visit/sampling photographs within a month.

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 may also submit current status of the sites wherein DPRs prepared under NCEF project and **progress of the on-going remediation works within one month.**



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, environmental compensation may have to be paid by UPPCB 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 one month for effective implementation of remediation plans.***



List of officials participated (through VC)**Chaired by:** Member Secretary, CPCB**CPCB Officials**

1. Sh. V. P. Yadav, Additional Director & Head, WMD-I, Delhi
2. Sh. G. Rambabu, Scientist-D, WM-I, CPCB, Delhi
3. Sh. Bharat K Sharma, Regional Director, CPCB-RD, Pune
4. Sh. P. Jagan, Regional Director, CPCB-RD, Bhopal
5. Mrs. H. D. Varalaxmi, Regional Director, CPCB-RD, Chennai
6. Sh. M. K. Biswas, Regional Director, CPCB-RD, Kolkata
7. Sh. Prasoon Gargava, Regional Director, CPCB-RD, Vadodara
8. Dr. Gargi Biswas, RA-II, WM-I, CPCB, Delhi

SPCB/PCC Officials

1. Dr. B. Madhusudan Rao, JCEE, APPCB
2. Sh. Nagarjuna, EE, APPCB
3. Representative from Regional Office, APPCB
4. Sh. Nandkumar Gurav, Regional Officer, HQ, Maharashtra PCB
5. Sh. D. M. Thaker, SEE, Gujarat PCB
6. Sh. Q. Q. Hassan, EE, WBPCB
7. Sh. H. S. Malviya, SE, MPPCB
8. Representatives from HPPCB
9. Representatives from TNPCB
10. Ms. Mayma, EE, Kerala SPCB
11. Representatives from Punjab PCB
12. Sh. D. Narendar, SEE, Telangana SPCB
13. Dr. A. K. Swar, CEE, OSPCCB
14. Sh. P. C. Rauta, SEE, OSPCCB
15. Sh. A. K. Anand, RO (Kanpur-Dehat), UPPCB
16. Representatives from Karnataka PCB
17. Sh. Naveen Gulia, SEE, Haryana PCB
18. Representatives from Delhi PCC
19. Representatives from Jharkand, SPCB
20. Representatives from Chhattisgarh ECB