



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 | 2011

June 26, 2023

To

The Member Secretary
SPCBs
(As per list)

Sub: Minutes of Seventh 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 7th review meeting with SPCBs/PCC held on 13.06.2022 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.

In view of the above, it is requested to kindly provide action taken report as decided in the meeting.

(V. P. Yadav)

Director & Head,
Waste Management Division-I

Encl.: As above



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

2017

June 26, 2023

To

The Member Secretary
SPCBs
(As per list)

Sub: Minutes of Seventh 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 7th review meeting with SPCBs/PCC held on 13.06.2022 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.

In view of the above, it is requested to kindly provide action taken report as decided in the meeting.

(V. P. Yadav)

Director & Head,
Waste Management Division-I

Encl.: As above

Copy to:

1. Regional Directorates, CPCB : For information and with request to follow-up the matter with concern SPCBs, please
(As per list)

(V. P. Yadav)

Minutes of the Seventh Review Meeting with 5 SPCBs in 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 13.06.2023

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 05 SPCBs/PCC (namely; (i) Goa; (ii) Kerala; (iii) Andhra Pradesh; (iv) Telangana; & (v) Tamil Nadu), held through VC on 13.06.2023 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 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, presented state-wise contaminated/probable contaminated site issues and its deliberations are given as below:

1. Goa SPCB:

- (i) Site entitled "M/s Sunrise Zinc Ltd, Plot No. L-2 & M/S Nicomet Industries Ltd Plot no, L-15, Punjim, Goa", it was informed that about 50,000 MT of HW is still lying at the site. Analysis result of GW samples revealed contamination with heavy metals.

CPCB Suggestion:

HW shall be lifted and disposed of followed by stabilization through secure manner **within six months**. 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 Goa SPCB at the rate of Rs. 10 lakh per site.

After lifting of the HW from the site, detailed site investigation may be carried out based on the Guidance document on assessment and remediation of contaminated sites published by MoEF&CC and submit the investigation report to CPCB as per the timelines specified at **Annexure-II**.

- (ii) Site entitled "Quarry located in Village Pilium of DharBandora, Goa", it was informed that HW was lifted and utilized in cement kiln for co-processing during 2011-2016. However, analysis result of soil samples revealed contamination with heavy metals.
- (iii) Site entitled "M/s Zuari Agro Chemical Ltd., Goa", it is informed that HW has been lifted and stored in on-site SLF.



CPCB Suggestion:

Goa PCB shall carry out detailed site investigation to assess the extent and nature of contamination and submit the investigation report to CPCB as per the timelines specified at Annexure-II. In this regard, CPCB-RD, Bengaluru is requested to follow up the issue with Goa SPCB.

2. Kerala: Kerala SPCB has submitted action taken report for following **09 probable/contaminated sites** vide its letter dated 17.11.2022. Accordingly, the reports were examined.

- (i) Out of **03 sites**, Kerala SPCB informed that for **01 site** at Kuzikundam Thodu (Creak), Eloor, proposal is submitted to State Government for execution of remediation works.

CPCB suggestion: Kerala SPCB shall follow-up with State Govt. for execution of remediation works and accordingly intimate to CPCB.

- (ii) In case of other **02 sites** at Edayar, Kerala SPCB informed that meetings of expert committee were held as per direction of Hon'ble NGT (SZ) in matter of OA No. 143 of 2020 and 182 of 2021. In this regard, Kerala SPCB issued direction to responsible party to initiate lifting and disposal of waste from the unlined jerosite ponds to secure landfill.

CPCB suggestion: Kerala SPCB may finalize the timelines for lifting and disposal of waste from the unsecured jerosite ponds to in secured manner and status in this regard may be submitted to CPCB.

- (iii) Out of 05 PCS, it was observed that analysis results of 02 PCS were not submitted. Therefore, the Kerala SPCB may submit analysis results of the samples carried out as per reference document of CPCB **within 02 weeks**. Further, remaining 03 sites are proposed to be delisted.

CPCB suggestion: Kerala PCB shall comply the suggestions/observations made by CPCB as annexed at **Annexure-II** and submit its action taken report as per given timeline. In this regard, CPCB-RD, Bengaluru is requested to follow up the issue with Kerala SPCB.

3. Andhra Pradesh: There were 02 sites identified as Probable contaminated sites (PCS) in AP, wherein 01 PCS i.e. M/s LG Polymers (I) Pvt. Ltd., R.R. Venkatapuram, Pendurthy Mandal, Vishakhapatnam are proposed for delisting as COCs of soil/groundwater samples had been reported within the range of standard/screening level.

CPCB suggestion: APPCB shall carry out pre & post monsoon sampling of groundwater in and around the said site for one year.

Further, other site, APPCB has submitted investigation report for identifying source of GW contamination, Environmental epidemiological & toxicology and fact finding survey. In this regard, Uranium concentration was found in groundwater.

CPCB suggestion: As the issue pertains to mining of radio-active substances and is not under the purview of CPCB, Therefore, the matter may be transferred to Department of Atomic Energy (DAE) and it is proposed that the site may be remove from CPCB inventory list.

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

- i) Mercury contaminated site at Kodaikanal, remediation work is underway. 7200 MT of hazardous waste has been remediated. It is informed that to complete the remediation work, it may take 1 year more.
- 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:

- (i) TNPCCB shall monitor and verify the on-going remediation works underway by the Responsible parties for Kodiakanal and Tondairpet, Chennai contaminated sites. In this regard, submit the progress reports to CPCB from time to time.
- (ii) TNPCCB may expedite in preparing tender document 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 TNPCCB.

For remaining sites, TNPCCB may submit action taken report supported with analysis results **within a month**. TNPCCB shall comply the suggestions/observations made by CPCB as annexed at **Annexure-II** and submit its action taken report as per given timeline.

5. Telangana: There are 10 sites in Telangana; wherein 07 sites identified as PCS and other 03 sites are as CS.

- i) Contaminated sites at, "M/s Deccan Chromates Ltd., Damaracherla, Nalgonda District, Telangana", TSPCCB inspected the premises followed by sampling of waste, leachate, water and soil sample during January-March, 2023. During visit, it was found that presently 40,000 MT of waste is stored at the premises.

CPCB suggestion: HW shall be lifted and disposed followed by stabilization through secure manner within **six months**. 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 TSPCB at the rate of Rs. 10 lakh per site. In this regard, CPCB-RD, Chennai is requested to follow up the issue with TSPCB.

- ii) For 9 out of 10 sites, TSPCB has informed that inspection followed by sampling activity was initiated as per CPCB Reference document on 'Identification, Inspection and Assessment of Contaminated Sites' preparation.

CPCB suggestion: Telangana SPCB may submit action taken report supported with analysis results within a month.

Further, TSPCB shall comply the suggestions/observations made by CPCB as annexed at **Annexure-II** and submit its action taken report as per given timeline.

Recommendations/Action Points:

1. Disposal of visible/identified hazardous waste through secured landfill

- SPCBs shall prepare plan to lift and dispose of visible/identified hazardous waste followed by stabilization through secured landfill
- It is to ensure that lifting and disposal of visible/identified hazardous waste followed by stabilization through TSDFs/SLFs shall be as per available guidelines/SOPs and the Hazardous and Other Wastes (Management & Transboundary Movement), Rules, 2016 (HOWM Rules, 2016)

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

2. Preliminary site assessment/detailed site investigations

- To ascertain the extent and nature of contamination, SPCBs shall carry out preliminary site assessment followed by sampling of soil/GW/SW/sediment from at least 3-4 locations of each matrix (as applicable) as per the timelines specified at **Annexure-II** and accordingly submit the reports to CPCB.
- SPCBs shall carry out detailed site investigation, wherein concentration levels exceeded the screening levels/standards during the preliminary site assessment.

3. States to take responsibility

- For high risk "Orphan Sites", where there is historic dumping & for which DPRs have already been prepared under various project, and the polluter could not be identified or polluter is not in a position to pay for remediation costs.

In this regard, SPCBs may follow-up with concerned State Govt. for execution of remediation works.

4. Update the "Inventory of contaminated Sites"

- SPCBs need to be updated the 'Inventory of contaminated sites' from time to time
- Furnish the updated inventory to CPCB for maintaining a national list in public domain.

5. Constitute State Level Empowered Monitoring Committee (SLEMC)

SPCBs shall constitute State Level Empowered Monitoring Committee (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)

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 (Regional Directorate)

4. Sh. J. Chandra Babu, Regional Director
5. Sh. Rajkumar, Scientist-D, CPCB-RD, Chennai
6. Sh. Vivek K, Scientist-D, CPCB-RD, Bengaluru

SPCB Officials (AP, Goa, Kerala, TN & Telangana)

Central Pollution Control Board
Waste Management Division-I

Annexure-II

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

S. No.	States/UTs	Updated status as on Jun, 2023				Remediation Work (Underway)	DPR completed & Remediation required
		Total Sites	Probable Sites (PCS)	Contaminated Sites (CS)	Delisted Site		
1.	Andhra Pradesh	2	0	0	2		
2.	Goa	3	1	2			
3.	Kerala	9	2	4	3		3
4.	Tamil Nadu	11	5	6		2	1
5.	Telangana	10	7	3			

A. Under jurisdiction of CPCB-RD, Bengaluru

i) Goa

Goa PCB has submitted action taken report vide its letter dated 29.11.21 as per the format of "Preliminary Investigation Report on contaminated sites (CS) / probable contaminated sites (PCS)" provided by CPCB for following **3 contaminated sites in Goa**. Accordingly, the reports were examined and made the following observations/suggestions are as below:

S. No.	Name of the Site	CS/ PCS	Action taken/initiated by Goa PCB	Observations/ Suggestions of CPCB
1.	M/s Sunrise Zinc Ltd, Plot No. L-2 & M/S Nicomet Industries Ltd Plot no, L-15, 19 & 20, Cuniculum Industrial Estate, Punjim, Goa	CS	<p>Goa PCB has inspected the site followed by sampling of GW.</p> <p>In the ATR, it is informed that 50,000 MT of HW is still lying at the site.</p> <p>GW is collected from 04 piezometer wells and analysed for heavy metals. Analysis result reveals that GW is contaminated with Cadmium, Copper, Nickel & Zinc, w.r.t., BIS for drinking water.</p>	<p>HW shall be lifted and disposed followed by stabilization through secure manner within six months. 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 Goa SPCB at the rate of Rs. 10 lakh per site.</p> <p>Goa SPCB shall carry out Soil, Waste, Leachate samples at the site, as HW is still lying.</p> <p>After lifting of the HW from the site, detailed site investigation may be carried out based on the Guidance document on assessment and remediation of contaminated sites published by MoEF&CC and detailed investigation report shall be submitted within 06 months</p>

Central Pollution Control Board
Waste Management Division-I

S. No.	Name of the Site	CS/PCS	Action taken/initiated by Goa PCB	Observations/ Suggestions of CPCB
				from the execution of the detailed investigation.
2.	Quarry located in Village Pilium of DharBandora, Goa-403401	PCS → CS	<p>Goa PCB has inspected the site and it is informed that HW had utilized in cement kiln for co-processing during 2011-2016.</p> <p>Sampling of Soil was carried out from 02 locations and surface water was carried out from each 01 upstream & downstream locations. The same was analysed for heavy metals & CoCs.</p> <p>Analysis result of soil samples revealed that soil is contaminated with Mercury, Copper, Nickel, Chromium & Arsenic, w.r.t., CCME-Screening level of Soil for industrial land use.</p> <p>Analysis result of surface water reveals no contamination.</p>	Goa PCB shall carry out detailed site investigation to assess the extent of contamination and submit the report to CPCB within 6 months.
3.	Old site of immobilization and containment at M/s Zuari Agro Chemical Ltd., Goa	PCS	<p>Goa PCB has inspected the site and it is informed that HW has been lifted and stored in on-site SLF.</p> <p>Sampling of Soil/GW/Leachate was not carried out during inspection.</p>	Goa PCB shall carry out preliminary assessment followed by detailed investigation (if required) and submit the report within 2 months.

ii) Kerala

Kerala SPCB has submitted action taken report for following **09 probable/contaminated sites** vide its letter dated 17.11.2022. Accordingly, the reports were examined and following observations and suggestions are made as below:

S. No.	Name of the Site	CS/PCS	Action taken/Initiated by Kerala PCB	Observations/ Suggestions by CPCB
1.	Kuzhikandom Thodu (Creek), Kerala	CS	<p>DPR is completed under NCEF project.</p> <p>In the review meeting held by Additional Chief Secretary on 09.08.2022 at Regional Office, Ernakulam, directed to the Chief Environmental Engineer of RO, Ernakulam to assess present quality of soil and</p>	Status on action taken is still awaited. Therefore, the status may be submitted to CPCB without any further delay.

Central Pollution Control Board
Waste Management Division-I

S. No.	Name of the Site	CS/ PCS	Action taken/Initiated by Kerala PCB	Observations/ Suggestions by CPCB
			sediments , in view of the floods that have occurred frequently in 2018, 2021 and 2022. RO, Ernakulam has initiated action for re-assessment. Sampling was done and report on the same is awaited.	
2.	Edayar, Edayattuchal Kochi, Kerala (in & around the premises of M/s. Binani Zinc Ltd.)	CS	DPR is completed under NCEF project. As the case is heard by Hon'ble NGT (SZ) in OA No. 143 of 2020 and 182 of 2021; Kerala SPCB issued direction to responsible party to initiate lifting and disposal of waste from the unlined jerosite ponds to secure landfill.	
3.	Edayar, Chakkarachal Kochi, Kerala (in & around the premises of M/s. Binani Zinc Ltd.)	CS		
4.	Vadavathoor, Kottayam	CS	Site was inspected by Kerala SPCB and it is informed that the spot MSW dumping yard of Kottayam municipality. Old report revealed as below: i. In GW Mercury was reported higher than prescribed limit of BIS drinking water standard. ii. Soil was contaminated with Chromium & Nickel . Further, it is submitted that the following site is under biomining and Kottayam Municipality had submitted a proposal of Rs 23.44 Crore to the Swacchata Mission. The said project is underway.	
5.	Vembanad (Vembanad Kayal or Vembanad Kol), Kottayam, Kerala-686001	PCS	i. Site was inspected by Kerala SPCB and identified as wastewater drainage at Aroor, Alappuzha. However, no hazardous waste generating industries are found near this point. i. SW is collected. Analysis result is not enclosed.	As no analysis result is submitted, Kerala SPCB shall submit analysis results of CoCs, general parameters and heavy metals as per references document of CPCB within 02 weeks.

Central Pollution Control Board
Waste Management Division-I

S. No.	Name of the Site	CS/ PCS	Action taken/Initiated by Kerala PCB	Observations/ Suggestions by CPCB
6.	Bramhपुरam, Kochi-682303	PCS	i. Site is inspected by Kerala SPCB followed by soil sampling. ii. Analysis was done for CoC only and result reveals no contamination. iii. No groundwater sample was collected.	Kerala SPCB shall carry out GW samples, and submit analysis report for CoCs, heavy metals and other relevant parameters, as per CPCB reference document and submit analysis report within 02 months.
7.	Parvathy Puthanar, Thiruvananthapuram, Kerala-695001	PCS	ii. Site is inspected by Kerala SPCB. A sewage drainage was identified. iii. SW was collected and analysis result reveals no contamination.	Site may be delisted.
8.	Meenachil River, Kottayam, Kerala	PCS	Site is identified by Kerala SPCB as a spot in Arabian sea at 600 m from the shore at Alappuzha . Hence, no sampling of SW, sediment is carried out.	Site may be delisted.
9.	Ashtamudi Lake, Kollam District, Kerala-691602	PCS	i. Kerala SPCB has inspected the site followed by sampling of SW and sediment. ii. For Sediment, analysis was done for Cadmium only and it reveals no contamination.	Site may be delisted.

B. Under jurisdiction of CPCB-RD, Chennai

i) Andhra Pradesh

APPCB has submitted action taken reports vide its letter dated 16.03.2023 for following **02 probable sites in Andhra Pradesh**. Accordingly, the reports were examined and made the following observations and suggestions are as below:

S. No.	Name of the Site	CS/ PCS	Action taken by APPCB	Observations/ Suggestions of CPCB
1.	Uranium Tailings pond of M/s UCIL, Tummalapalli, Kadapa District, AP	PCS	APPCB has submitted final study reports carried out by group of Institutions namely, IIT-Madras, Sri Venkateswara, Institute of Medical Sciences, ICAR-Indian Agricultural Research Institute & National Research Centre for Banana, TN for identifying source of GW	As the pollution due to mining of radio-active substances is not under the purview of CPCB, the matter may be transferred to Department of Atomic Energy (DAE).

Central Pollution Control Board
Waste Management Division-I

S. No.	Name of the Site	CS/ PCS	Action taken by APPCB	Observations/ Suggestions of CPCB
			<p>contamination, Environmental epidemiological & toxicology and fact finding survey.</p> <p>Uranium concentrations in the trailing pond decant water and reservoir were reported as 87.6 mg/L and 63 mg/L, respectively. Groundwater flow direction is from south-west to north-east. Higher concentration of Uranium was found in upstream location, which is predicted due to natural ore deposit at the said area.</p> <p>Out of 133 wells, 71 wells had uranium concentration higher than 0.03 mg/L (higher than PCB standard for DW), 59 wells had uranium concentration higher than 0.06 mg/L (higher than Indian Atomic Energy Board standard for DW).</p> <p>Similarly, out of 133 wells, 91 wells had uranium concentration higher than 0.015 mg/L (higher than WHO standard for DW).</p>	Hence, it is proposed that the site may be remove from CPCB inventory list.
2.	M/s L. G. Polymers (I) Pvt. Ltd., R.R. Venkatapuram, Pendurthy Mandal, Vishakhapatnam, AP-530029	PCS	<p>In reference to the Styrene Leak at M/s LG Polymers Pvt Ltd, Visakhapatnam, Andhra Pradesh, the Hon'ble NGT, Principal Bench, taken up the matter on suo-motu in O.A. No. 73/2020 vide orders dated 08.05.2020.</p> <p>APPCB has informed that in compliance to the Hon'ble NGT order dated 01.06.2020 in O.A No. 73 of 2020, a study on "Assessment of environmental damages and preparation of restoration plan for air, water & soil environment due to styrene gas leakage incident at Visakhapatnam" has been awarded to NEERI, Hyderabad in July, 2021 by CPCB. No contamination is found in the soil and groundwater samples.</p>	Site may be delisted.

Central Pollution Control Board
Waste Management Division-I

S. No.	Name of the Site	CS/ PCS	Action taken by APPCB	Observations/ Suggestions of CPCB
			As per recommendation of CPCB, APPCB carried on periodically GW sampling in and around the site during 03 quarters of 2022. No contamination is reported except Chloride.	

ii) Tamil Nadu

TNPCB has submitted vide its email / letter dated 26.12.2022 regarding status of **11 Probable/Contaminated sites** and the reports were examined. The status of on-going remediation works is given below:

S. No.	Name of the Site	CS/ PCS	Action taken/ initiated by TNPCB	Observations/ Suggestions by CPCB
1.	Kodaikanal, Tamil Nadu	CS	Remediation works is underway as per the consent issued by the TNPCB.	TNPCB may monitor the remediation works undertaken by Responsible party and submit progress report to CPCB from time to time.
2.	Tondairpet, Chennai, Tamil Nadu	CS	Remediation work is underway by M/s BPCL.	TNPCB may monitor the remediation works undertaken by Responsible party and submit progress report to CPCB from time to time.
3.	TCCL, Ranipet, Tamil Nadu	CS	DPR is prepared under NCEF project. TNPCB awarded work order vide dated 28.11.2022 to consultant for the preparation of technical and tender documents to Implement the Interim remedial measures as per as per Hon'ble NGT (SZ) directions	Since hazardous waste is still lying at the site and Remediation work is not yet initiated, TNPCB may issue necessary directions to responsible party to lift and disposed of waste from the site in an environmental sound manner followed by remediation as per the DPR prepared by CPCB at the earliest. 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. Further, once remediation works initiated, TNPCB may monitor the same and submit progress report to CPCB from time to time.
4.	Noyyal river, Tirupur, Tamil Nadu	CS	TNPCB has not provided inspection report.	TNPCB shall provide Inspection reports and analysis reports of chemicals of concern (CoCs) with general

Central Pollution Control Board
Waste Management Division-I

S. No.	Name of the Site	CS/PCS	Action taken/ initiated by TNPCCB	Observations/ Suggestions by CPCB
5.	Eachangadu, Cuddalore, Tamil Nadu	CS		parameters and heavy metals of collected soil/sediment/groundwater/ surface water samples from contaminated sites.
6.	Ranipet, Tamil Nadu-632401	PCS	TNPCCB has not provided inspection report.	<p>TNPCCB shall provide Inspection reports and analysis reports of chemicals of concern (CoCs) with general parameters and heavy metals of collected soil/sediment/groundwater/ surface water samples from contaminated sites.</p> <p>If concentration levels exceeded the screening levels/available standards, TNPCCB shall carry out detailed site investigation and submit the report to CPCB at the earliest.</p>
7.	Vanitec Limited (inside the premises of CETP) Vallayambattu, Vadiumbadi, Vellore, Tamil Nadu	CS	TNPCCB had awarded the assessment work vide letter dated 11.08.2022 to Consultant (i.e. M/s GLens Innovation Labs Pvt Ltd.), for Preliminary site assessment.	<p>TNPCCB shall submit Preliminary site assessment reports within a month.</p> <p>If concentration levels exceeded the screening levels/available standards, TNPCCB shall carry out detailed site investigation and submit the report to CPCB at the earliest.</p>
8.	Walajapet Lake Water Polluted Site, Vellore, Tamil Nadu-632513	PCS	The aforesaid work is underway.	
9.	Peranampattu Pond Site, Vellore Tamil Nadu -632001	PCS		
10.	Perumgudi, Chennai-600035	PCS		
11.	Karunguri Village, Kancheepuram, Tamil Nadu-631501	PCS		

Central Pollution Control Board
Waste Management Division-I

iii) **Telangana**

Telangana SPCB has communicated Action taken reports for following **10 probable/contaminated** vide letter dated 16.01.2023. Accordingly, the reports were examined and following observations and suggestions are made as below:

S. No.	Name of the Site	CS/ PCS	Action taken/ initiated by TSPCB	Observations/ Suggestions by CPCB
1.	Noor Muhammad Kunta Lake, Katedan Industrial Estate Hyderabad	CS	DPR prepared for remediation of Noor Muhammad Kunta (NMK) Lake under the World Bank aided CBIPMP Project by MOEF&CC and TSPCB. However, the remediation works could not be taken-up due to the status quo orders issued by the Hon'ble High Court of Telangana & AP in WP No. 39864 of 2014.	As the DPR prepared, remediation of NMK Lake is required. Further, it is suggested that re-sampling of surface water and sediment may be carried out within 1 month and submit the report with data to CPCB within 2 months.
2.	Patancheru, Medak District, Telangana	CS	The site is inspected by TSPCB. Sampling of soil, and GW, had been carried out. However, analysis results are not enclosed with the report.	TSPCB may submit the report along with analysis data of soil & GW samples to CPCB for examination. If concentration levels exceeded the screening levels/available standards, TSPCB shall carry out detailed site investigation and submit the report to CPCB at the earliest.
3	Musi River, Hyderabad Telangana	PCS	The site is under consideration of the matter of the Hon'ble NGT in OA No.673 of 2018, wherein directed to prepare an action plan to restore the water quality by constituting river rejuvenation Committee. In this regard, monitoring committee has been constituted in compliance of Hon'ble NGT order dated 21.09.2020. TSPCB has submitted action plan to restore the water quality to CPCB.	TSPCB shall submit progress report time to time to CPCB.
4	Asani kunta Lake, Medak district, Telangana	PCS	As a part of remediation work, ETP will be installed. However, no analysis result is submitted.	TSPCB shall submit the report along with analysis data to CPCB without any delay.

Central Pollution Control Board
Waste Management Division-I

S. No.	Name of the Site	CS/ PCS	Action taken/ initiated by TSPCB	Observations/ Suggestions by CPCB
			<i>Note: As per earlier data, in GW, Chromium, Lead, Nickel, Ca, Mg, Chloride & TDS is found higher than BIS limit.</i>	
5.	Maheshwaram, Hyderabad-Telangana	PCS	<p>The site is inspected by TSPCB. Sampling of soil, and GW, had been carried out.</p> <p>However, analysis results are not enclosed with the report.</p> <p><i>Note: As per earlier data, Analysis result reveals that soil is contaminated with Cadmium and Nickel.</i></p>	
6.	Chevella Industrial Area Rangareddy District- Telangana	PCS	<p>The site is inspected by TSPCB. Sampling of soil, and GW, had been carried out.</p>	
7.	LB Nagar Industrial Area, Rangareddy District- Telangana	PCS	<p>However, analysis results are not enclosed with the report.</p>	
8.	Moula Ali Industrial Area Rangareddy District- Telangana	PCS	<p>The site is inspected by TSPCB. Sampling of soil, and GW, had been carried out.</p> <p>However, analysis results are not enclosed with the report.</p>	
9.	Gundlapochampally Industrial Area Rangareddy District- Telangana	PCS	<p>The site is inspected by TSPCB. Sampling of soil, and GW, had been carried out.</p> <p>However, analysis results are not enclosed with the report.</p>	
10.	M/s Deccan Chromates Ltd., Damaracherla, Nalgonda District-1 Telangana	CS	<p>TSPCB letter dated 15.05.2023 had submitted the status of Hexavalent Chromium contaminated site, following observation is given:</p> <p>i. TSPCB inspected the premises followed by sampling of waste, leachate, water and soil sample during Jan-Mar, 2023.</p> <p>ii. During visit, it is found that presently 40,000 MT of waste is stored at the premises.</p>	<p>i. As chromium bearing hazardous waste is found stored in open pit, the said waste should be lifted and disposed of followed by stabilization through secured landfill within 6 months.</p> <p>In case of failure, as per the Hon'ble NGT order dated 26.08.2019 in OA No. 804/2017, environmental compensation shall be</p>

Central Pollution Control Board
Waste Management Division-I

S. No.	Name of the Site	CS/ PCS	Action taken/ initiated by TSPCB	Observations/ Suggestions by CPCB
			<p>iii. Analysis result of leachate, and surface water samples reveals about contamination of Cr(VI).</p> <p>iv. For Soil samples, analysis of Cr(VI) shall be done in total concentration (not in TCLP/WET extraction methods).</p>	<p>imposed to Goa SPCB at the rate of Rs. 10 lakh per site.</p> <p>ii. Detailed investigation of the site as per the "Guidance document for assessment and remediation of contaminated sites in India" shall be done, in order to assess any contamination in groundwater, surface water, sediment, soil, etc., at the nearby areas and accordingly DPR shall be prepared.</p>
