

# **Final report**

**of the Monitoring Committee,**

**constituted by the Hon'ble National Green  
Tribunal on various environment issues in the  
State of Punjab, w.r.t compliance of order dated  
8.2.2022 in**

**OA No. 360 of 2018**

**in the matter of**

**Shree Nath Sharma Vs Union of  
India & others**

**mentioning the compliance status of Environmental norms**

**in respect of**

**various thematic areas**

**as mentioned in**

**District Environment Plans**

**of various Districts of**

**State of Punjab**

**Report submitted on 27.12.2022**



# Contents

Point No.	Description	Page No.
1.0	Background	1-2
2.0	Submission of 1 <sup>st</sup> report of the Monitoring Committee to the Hon'ble National Green Tribunal in compliance to order dated 29.1.2021 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs. Union of India & Ors	2
3.0	Submission of 2 <sup>nd</sup> report of the Monitoring Committee to the Hon'ble National Green Tribunal in compliance of order dated 29.1.2021 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors.	2-3
3.1	Consideration of the issue w.r.t OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors. by the Hon'ble National Green Tribunal in its order dated 5.7.2021.	3-4
3.2	Selecting District Environment Plan of District Ludhiana as Model Plan for the purpose of preparation of District Environment Plans of other districts.	4-5
3.3	Submission of revised/amended/modified District Environment Plans of remaining 21 Districts of State of Punjab by the Department of Environment/Punjab Pollution Control Board and consideration of the same by the Monitoring Committee during its various meetings	6
3.4	Special observations of the Monitoring Committee	6-7
3.5	Uploading of District Environment Plans of 23 Districts of the State of Punjab on web site of Punjab Pollution Control Board and Department of Environment and submission of 3 <sup>rd</sup> report of the Monitoring Committee in compliance to order dated 05.07.2021 in OA no. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors	7
4.0	Compliance of order dated 8.2.2022 in OA no. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors by the Monitoring Committee and submission of interim report of the Monitoring Committee mentioning the compliance status of environmental norms in respect of various thematic areas as mentioned in District Environment Plans of various Districts	8-9
5.0	Visit to the Solid Waste Management and other environment management sites in District Mansa by the Monitoring Committee on 7.10.2022	9
5.1	Legacy waste dump site near Dera Bhai Gurdas (adjoining to the ponds containing wastewater of nearby localities).	9-10
5.1.1	Observations of the Monitoring Committee	10
5.2	Compost pit yard near Dera Bhai Gurdas	10
5.2.1	Observations of the Monitoring Committee	10-11



5.3	Material Recovery Facility (MRF) with compost pits near Dera Bhai Gurdas	11
5.3.1	Observations of the Monitoring Committee	11-12
5.4	Legacy waste dump site at village Ramdittewala, District Mansa	12
5.4.1	Observations of the Monitoring Committee	12
5.5	Material Recovery Facility with compost pits at Chakerian Road, Mansa.	12-13
5.5.1	Observations of the Monitoring Committee	13
5.6	Remediation of legacy waste at Jalwehra Road by MC, Bareta	14
5.6.1	Observations of the Monitoring Committee	14
5.7	MRF shed within MC, Complex, Bareta adjoining to Gaushala	14
5.7.1	Observations of the Monitoring Committee	14-15
5.8	Other Environmental Issues	15
5.8.1	Stagnation of Rain Water / Wastewater along railway line opposite Dera Bhai Gurdas	15-16
5.8.2	Pond containing wastewater of Mansa area	16
6.0	Visit to the Solid Waste Management and other environment management sites in District Fatehgarh Sahib by the Monitoring Committee on 27.10.2022	16
6.1	Sewage Treatment Plant (STP) of capacity 5 MLD, Sirhind	16-17
6.1.1	Observations of the Monitoring Committee	17-18
6.1.2	Recommendations of the Monitoring Committee	18
6.2	Compost pit yard cum MRF site at Village Kheri Bir Singh.	18
6.2.1	Observations of the Monitoring Committee	18-19
6.2.2	Recommendations of the Monitoring Committee	19
6.3	Legacy waste dump site at Village Chattarpura, Mandi Gobindgarh	19
6.3.1	Observations of the Monitoring Committee	20-21
6.3.2	Recommendations of the Monitoring Committee	21
6.4	Material Recovery Facility cum Compost Plant setup near Nirankari Bhawan, backside Bus Stand, Mandi Gobindgarh	21
6.4.1	Observations of the Monitoring Committee	21
6.4.1.1	Management of dry waste	21
6.4.1.2	Management of wet waste	22
6.4.2	Recommendations of the Monitoring Committee	22-23
7.0	Status of environmental activities in the State	23
7.1	Status of existing STPs	23
7.2	Installation of new STPs in the State	23
7.3	Installation of in-situ remediation technology	23
7.4	Status of Common Effluent Treatment Plants (CETPs) for treatment of industrial effluent	23
7.5	Setting up of bio CBG plant at Tajpur Dairy Complex, Ludhiana	23



7.6	CBG plant at Haibowal Dairy Complex, Ludhiana	24
7.7	Installation of Effluent Treatment Plant for treatment of liquid waste generated by dairy complex (Tajpur Dairy Complex and Haibowal Dairy Complex)	24
7.8	Setting up of biogas plant and Effluent Treatment Plant for Jamsher Dairy Complex, Jalandhar	24
7.9	Rejuvenation of ponds	24
7.10	Utilization of treated wastewater of Sewage Treatment Plants for irrigation	24
8.0	Status of Solid Waste in the State	24-25
9.0	Overall conclusions and recommendations	25
9.1	Solid Waste Management	25-29
9.2	Plastic Waste Management	29-30
9.3	C&D Waste Management	30
9.4	Bio Medical Waste Management	31
9.5	Hazardous Waste Management	31
9.6	E-Waste Management	32
9.7	Air Quality Management	32-33
9.8	Water Quality Management	33-36
9.9	Industrial Wastewater Management	36
9.10	Mining Activity Management	37
9.11	Noise pollution management	37
9.12	Management of waste in rural areas of the State: Compliance of order dated 8.2.2022 in OA no. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India &Ors	37-38
9.13	Other Environmental issues in the districts and compliance thereof	38
9.13.1	EPR of producers: Linkage with producers/ brand owners for management of plastic waste	38
9.13.2	Provision of green belt and boundary wall around the legacy waste dump sites	38
9.13.3	Treatment of leachate generated from legacy waste dump site	38
9.13.4	Carcass should be utilized by adopting rendering process or incineration and priority may be given to carcass utilization plants.	38-39
9.13.5	Management of Wastewater and Solid Waste by the unauthorized colonies/ residential complexes/ commercial complexes developed by private colonizers	39-40
9.13.6	Removal of Garbage Vulnerable Points	40
9.13.7	Framing policy for management of highly contaminated faecal sludge generated from the rural area	40
9.13.8	Waste transfer points/ secondary points	40
9.13.9	Stopping the entry of solid waste/ garbage into drains/ nallahs/ rivers	40-41



9.13.10	Information, Education and Communication (IEC) activities and involvement of NGOs/ RWAs/ public participation	41
9.13.11	Setting up of real time water quality monitoring stations in drains/nallahs	41
9.13.12	Reduction in water utilization by the inhabitants of the towns/cities	41-42
9.13.13	Usage of treated wastewater of STPs of the State for landscaping, flushing, firefighting, construction activities, gardening, Industrial Estates, Automobile establishments, washing of vehicles, railway yards and sprinkling purposes during sweeping of roads	42
9.14	Other conclusions and recommendations	42-43
	<b>Annexures</b>	
	Annexure-1	44-110
	Annexure-2	111-178



# OFFICE OF THE MONITORING COMMITTEE

Constituted by the Hon'ble National Green Tribunal in OA No.360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors. and in other Environment issues

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To

The Registrar,  
Hon'ble National Green Tribunal,  
Faridkot House, Copernicus Marg,  
New Delhi, Delhi 110001

No.CMC /2022/1362

Dated: 21.12.2022

**Subject:** Final report of the Monitoring Committee, constituted by the Hon'ble National Green Tribunal on various environmental issues in the State of Punjab w.r.t compliance of order dated 08.02.2022 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs. Union of India & others mentioning the compliance status of Environmental norms in respect of various thematic areas as mentioned in District Environment Plans of various districts of State of Punjab.

.....

It is submitted that the Hon'ble National Green Tribunal in its order dated 08.02.2022 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs. Union of India & Ors has directed in part of Para No. 18 and 19 as under:

## **Part of Para 18.**

*We have interacted with the representatives of CPCB and other learned counsel present during the hearing. We are of the view that recommendations made by the Monitoring/Oversight Committees headed by Hon'ble former Judges and the representative of deficiencies in respect of other DEPs which needs to be acted upon by all the States/UTs subject to any grievance being raised before the Tribunal, in case of any difficulty. Data needs to be updated as per ground situation. In respect of Districts/States plans have not yet been prepared, the same needs to be done forthwith so that based on such plans, National plan can be prepared which may go a long way in protection and management of environment for achieving goals of Sustainable Development. The plans so prepared need to be periodically revised and updated preferably as on 31st March for every year and executed in respect of all concerned thematic areas. Compliance needs to be monitored at District Level, State Level and National Level in the light of gaps identified. To give impetus to compliance, in addition of having regular monthly meetings of the District Level Committees, it may be necessary to hold an annual conference to be presided over by the District Magistrates with the involvement of Educational Institutions, Welfare Associations, Local Bodies including Panchayats, Eco-clubs, other concerned Departments and activist identified by the District Administration and nominees of District Legal Services Authorities. The State PCBs/Environment Departments needs to coordinate the same.*



***MoEF&CC/CPCB also needs to oversee and guide such exercise through their respective Regional Offices. Targets achieved and set need to be published and best practices experimented and adopted need to be mentioned. Apart from the thematic areas already specified any other thematic area relating to the goals of environmentally sustainable development can also be added. Contribution of any individual/ organization can be appropriately acknowledged.***

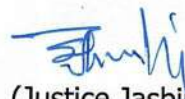
**Part of Para 19.**

***The Oversight Committees may in their progress reports also mention the compliance status and further recommendations for effective execution of such plans so as to bridge the gap in compliance of environmental norms in respect of various thematic areas.***

Therefore, in compliance to order dated 8.2.2022 In OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors, the Monitoring Committee has held its discussion with District Level officers of various districts of the State of Punjab w.r.t. various activities as mentioned in the District Environment Plans of various districts, collected data/information from various MCs/departments and visited the solid waste management sites and other environment management sites of various districts of the State and has prepared its final report and the same is enclosed herewith.

The final report of the Monitoring Committee in the matter is submitted for kind consideration of the Hon'ble National Green Tribunal.

It is submitted that the above said report is sent herewith through email at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in).



(Justice Jasbir Singh)  
Former Judge Punjab and Haryana High Court  
and now as Chairman of the Monitoring Committee

Endst. No. CMC/2022/1363

Dated: 21.12.2022

A copy of the above is forwarded to the Chief Secretary, Punjab for information and necessary action please.

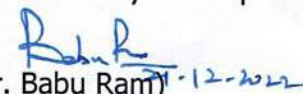


(Dr. Babu Ram)  
Technical Expert  
Monitoring Committee

Endst. No. CMC/2022/1364

Dated: 21.12.2022

A copy of the above is forwarded to the Principal Secretary to Government of Punjab, Department of Local Government, Chandigarh for information and necessary action please.



(Dr. Babu Ram)  
Technical Expert  
Monitoring Committee



Endst. No. CMC/2022/1365

Dated: 21.12.2022

A copy of the above is forwarded to the Secretary, Government of Punjab, Department of Science, Technology & Environment, Chandigarh for information and necessary action please.

  
(Dr. Babu Ram)  
Technical Expert  
Monitoring Committee

Endst. No. CMC/ 2022/1366

Dated: 21.12.2022

A copy of the above is forwarded to the Member Secretary, Punjab Pollution Control Board, Patiala for information and necessary action please.

  
(Dr. Babu Ram)  
Technical Expert  
Monitoring Committee



Final report of the Monitoring Committee, constituted by the Hon'ble National Green Tribunal, on various environmental issues in the State of Punjab w.r.t compliance of order dated 08.02.2022 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs. Union of India & others mentioning the compliance status of Environmental norms in respect of various thematic areas as mentioned in District Environment Plans of various districts of State of Punjab.

## 1.0 Background

The Hon'ble National Green Tribunal in its order dated 08.02.2022 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs. Union of India & Ors has directed in part of Para No. 18 and 19 as under:

### Part of Para 18.

*We have interacted with the representatives of CPCB and other learned counsel present during the hearing. We are of the view that recommendations made by the Monitoring/Oversight Committees headed by Hon'ble former Judges and the representative of deficiencies in respect of other DEPs which needs to be acted upon by all the States/UTs subject to any grievance being raised before the Tribunal, in case of any difficulty. Data needs to be updated as per ground situation. In respect of Districts/States plans have not yet been prepared, the same needs to be done forthwith so that based on such plans, National plan can be prepared which may go a long way in protection and management of environment for achieving goals of Sustainable Development. The plans so prepared need to be periodically revised and updated preferably as on 31st March for every year and executed in respect of all concerned thematic areas. Compliance needs to be monitored at District Level, State Level and National Level in the light of gaps identified. To give impetus to compliance, in addition of having regular monthly meetings of the District Level Committees, it may be necessary to hold an annual conference to be presided over by the District Magistrates with the involvement of Educational Institutions, Welfare Associations, Local Bodies including Panchayats, Eco-clubs, other concerned Departments and activist identified by the District Administration and nominees of District Legal Services Authorities. The State PCBs/Environment Departments needs to coordinate the same. MoEF&CC/CPCB also needs to oversee and guide such exercise through their respective Regional Offices. Targets achieved and set need to be published and best practices experimented and adopted need to be mentioned. Apart from the thematic areas already specified any other thematic area relating to the goals of environmentally sustainable development can also be added. Contribution of any individual/ organization can be appropriately acknowledged.*



**Part of Para 19.**

***The Oversight Committees may in their progress reports also mention the compliance status and further recommendations for effective execution of such plans so as to bridge the gap in compliance of environmental norms in respect of various thematic areas.***

A copy of the order dated 8.2.2022 in OA No 360 of 2018 is annexed as per **Annexure-1**.

**2.0 Submission of 1<sup>st</sup> report of the Monitoring Committee to the Hon'ble National Green Tribunal in compliance to order dated 29.1.2021 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs. Union of India & Ors**

Based on the discussion held with the Chief Secretary, Punjab by the Monitoring Committee on 5.2.2021, Department of Environment, State of Punjab submitted District Environment Plans of all the 22 districts of the State vide its email dated 12.3.2021. These District Environment Plans were examined by the Monitoring Committee and raised observations on the various activities as mentioned in the District Environment Plans and the same were conveyed to Department of Environment, State of Punjab and first report of the Monitoring Committee in compliance to order dated 29.01.2021 was submitted to Hon'ble National Green Tribunal vide No.CMC/SWM/2021/01 dated 5.4.2021.

**3.0 Submission of 2<sup>nd</sup> report of the Monitoring Committee to the Hon'ble National Green Tribunal in compliance of order dated 29.1.2021 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors.**

Based on the observations of the Monitoring Committee on various activities as mentioned in the District Environment Plans of various districts, the Department of Environment, State of Punjab, submitted modified/amended District Environment Plans (DEPs) of various districts of the State of Punjab to the Monitoring Committee vide its email dated 28.5.2021, 7.6.2021, 9.6.2021 and 15.6.2021.

Further, Central Pollution Control Board vide its letter No. B-31011/BMW (42.55)/2021/WMD-I dated 24.5.2021 addressed to the Principal Secretary, Department of Science, Technology & Environment stated that CPCB has received copy of DEPs for 22 districts of Punjab and upon examining the same, it has been observed that there is scope for improving the same w.r.t. thematic areas, action points and corresponding agency and timelines. It was further informed that the concerned departments and DMs may be directed to implement the DEPs in time bound manner and action points identified in DEPs may be implemented and DEPs may be improved further to cover all thematic areas. CPCB also sent an indicative template to improve the DEPs.

The Monitoring Committee held its meeting with District Level Officers of district Ludhiana on 5.6.2021 regarding finalization of District Environment Plan of Distt. Ludhiana, wherein, the various issues as mentioned in the modified District Environment Plan of Distt. Ludhiana were discussed and the minutes of the meeting were conveyed



to the Deputy Commissioner, Ludhiana vide letter No. CMC/2021/55 dated 28.6.2021. In the said meeting, the Chairman of the Monitoring Committee had directed as under.

- i) **Fresh templates w.r.t preparation of District Environment Plan and implementation thereof have been received from CPCB vide letter No. B-31011/BMW(42.55)2021/WMD-1 dated 24.5.2021 and the same has been addressed to the Principal Secretary, Department of Science, Technology & environment. These fresh templates provided by CPCB also need to be considered while finalizing the District Environment Plan.**
- ii) **No timelines for completion of activities, as mentioned in the said waste management areas, have been mentioned and all the information, which is desired to be inserted in the plan need to be provided by the concerned departments so that complete and comprehensive District Environment Plan of district Ludhiana may be prepared.**
- iii) **District Environment Plan of district Ludhiana after incorporating the observations of the Monitoring Committee, as mentioned above, shall be submitted on 15.7.2021.**

In the said meeting, the directions w.r.t. other areas for management of liquid and solid waste were issued as under.

- i) **Nothing has been mentioned about management of carcasses in rural areas and treatment of leachate generated from legacy waste dump sites. These points may be mentioned in the District Environment Plan.**
- ii) **It has been desired that w.r.t all the activities as found mentioned in the guidelines/templates issued by CPCB, details regarding timelines, sources of funds (whether under center funded scheme/state funded/private funding system), responsible officers to execute the said works, may be mentioned in the District Environment Plan.**
- iii) **The Monitoring Committee has observed that nothing has been mentioned about scientific disposal of RDF to be recovered from the processing of solid waste. The timelines for its scientific disposal may be mentioned in the District Environment Plan.**

Based on the above action taken, the Monitoring Committee submitted its 2<sup>nd</sup> report to the Hon'ble National Green Tribunal vide number CMC/SWM/2021/66 dated 1.7.2021.

### **3.1 Consideration of the issue w.r.t OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors. by the Hon'ble National Green Tribunal in its order dated 5.7.2021.**

Hon'ble National Green Tribunal considered the issue w.r.t OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors. on 5.7.2021 and directed in para No. 21 as under.



**Para no. 21**

Accordingly, in view of long-time failure to comply the mandate of the Constitution adversely affecting the public health and the environment and repeated failures to comply with the earlier directions on the subject, we direct

- a. **Chief Secretaries of all the States/UTs may ensure completion of District Environment Plans (DEPs) for all the Districts, in the light of orders of this Tribunal dated 26.9.2019, 19.3.2020, 29.1.2021 and the observations in the present order and upload the same on their respective websites positively by 31.10.2021.**
  - b. **The DEPs may contain data on each environmental issue covering each city, town and village. Data may show the extent of gap in compliance of laid down norms for**
    - i. **Waste Management - Municipal Solid, Plastic, Bio Medical, Electric and Electronic, Hazardous and Construction and Demolition waste**
    - ii. **Sewage treatment and utilization**
    - iii. **Water quality – Rivers, Water bodies, Ground Water, Coastal waters and Rain water harvesting,**
    - iv. **Industries Pollution Control including industrial clusters**
    - v. **Air Quality management includes pollution due to dust**
    - vi. **Regulating mining/ Sand mining**
    - vii. **Noise pollution**
    - viii. **Any other issues significant in the area**
    - ix. **The DEP must give timelines for accomplishment of tasks backed up with budgetary support and the officers entrusted with the job, with contact details of the nodal officer at various levels in the Districts.**
    - x. **Scope for public participation on remedial measures like plantations**
  - c. **DEPs may also contain mechanism for review at different levels.**
  - d. **The District Magistrates may accordingly execute the action plans by reviewing the progress on various targets at least once in a month.**
  - e. **All the States may accordingly consolidate the DEPs and prepare their respective State Environment Plans and upload the same on their respective websites.**
  - f. **CPCB may consolidate the information and file a tabular statement by 30.11.2021 by e-mail at [judicialngt@gov.in](mailto:judicialngt@gov.in) preferably in the form of searchable PDF/OCR Support PDF (and not in the form of Image PDF).**
- 3.2 Selecting District Environment Plan of District Ludhiana as Model Plan for the purpose of preparation of District Environment Plans of other districts.**

In compliance of order dated 5.7.2021 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & ors, the Monitoring Committee decided to consider the District Environment Plans of Districts Ludhiana and Jalandhar on priority basis to examine and finalize them so that District Environment Plans of other districts of State of Punjab may be got prepared on the same pattern. The District Environment Plans of Districts Ludhiana and Jalandhar were considered by the Monitoring Committee during its meetings held with District Level officers of Districts Ludhiana and Jalandhar on



25.6.2021 and 2.7.2021, respectively. Based on the observations raised by the Monitoring Committee during its meeting held with District Level officers of District Ludhiana on the District Environment Plan of District Ludhiana on 25.6.2021, 5.8.2021 and 9.9.2021, the Monitoring Committee concluded as under.

- i) **All the activities mentioned under main Action Plan covering 7 chapters with 13 sub chapters, activities related to special issues of district Ludhiana, point wise reply of the directions of Hon'ble National Green Tribunal in OA no. 360 of 2018 in order dated 5.7.2021 and point wise reply of the directions of the Monitoring Committee given in its meetings held on 30.3.2021, 25.6.2021 and 5.8.2021 may be clubbed under 07 chapters of District Environment Plan in chronological order and no activity may be repeated.**
- ii) **The Monitoring Committee further directed that after making necessary modifications/amendments in the District Environment Plan of district Ludhiana as mentioned above and any other activity as mentioned in the meeting held on 9.9.2021, final District Environment Plan may be submitted to department of Environment, State of Punjab under intimation to the Monitoring Committee 20.9.2021.**

Similarly, amended/revised/modified District Environment Plan of District Jalandhar submitted by Department of Environment, State of Punjab on 29.6.2021 was examined by the Monitoring Committee on 2.7.2021 and based on observations raised on 2.7.2021, the Department of Environment, Govt. of Punjab again submitted the revised/amended District Environment Plan of District Jalandhar vide email dated 20.7.2021 and the same was again examined by the Monitoring Committee during its meeting held with District Level Officers of District Jalandhar, officers of Punjab Pollution Control Board and State Level Officers on 13.8.2021, wherein, the Monitoring Committee had again raised some observations and made recommendations w.r.t each activity and based on these observations, amended/modified District Environment Plan of District Jalandhar was submitted by the Department of Environment, Govt. of Punjab on 21.9.2021 and same was considered and examined by the Monitoring Committee on 28.9.2021 in the presence of District Level Officers of District Jalandhar, officers of Punjab Pollution Control Board and State Level Officers, wherein, the Monitoring Committee concluded as under.

**The various activities/ action points as mentioned in the District Environment Plan of District Jalandhar were examined and it was mentioned that District Environment Plan of District Ludhiana by and large is in consonance with the format sent by CPCB except minor changes indicated separately through Whatsapp message dated 30.9.2021. The District Environment Plans of other districts may be prepared on the same pattern.**



**3.3 Submission of revised/amended/modified District Environment Plans of remaining 21 Districts of State of Punjab by the Department of Environment/Punjab Pollution Control Board and consideration of the same by the Monitoring Committee during its various meetings**

The Monitoring Committee vide its office letter No. CMC/2021/229 dated 4.10.2021 had conveyed the schedule for submission of finalized District Environment Plans of various districts of the State of Punjab to the Monitoring Committee. On the directions of the Monitoring Committee, the Department of Environment, Government of Punjab/Punjab Pollution Control Board submitted the amended/revised/modified District Environment Plans of various districts of the State of Punjab on the pattern of District Environment Plan of District Ludhiana from time to time, which were considered and examined by the Monitoring Committee by holding meetings with officers of Punjab Pollution Control Board, Department of Environment, Government of Punjab and other District Level Officers of various districts of the State and finalized the District Environment Plans of remaining districts with certain observations/recommendations, which were mentioned in the minutes of the meeting of each of 21 districts (meetings were held between 19.10.2021 to 17.11.2021), conveyed separately to the department of Environment, Govt. of Punjab under intimation to Concerned Departments.

**3.4 Special observations of the Monitoring Committee**

**The Monitoring Committee scrutinized/examined the District Environment Plans of all the 23 Districts in the presence of officers of Punjab Pollution Control Board, Department of Environment, Govt. of Punjab, officers of Municipal Corporations/Councils and other District Level Officers and informed that the District Environment Plan of a district is a futuristic plan and all the activities/action points, gap in completion of the activities and timelines w.r.t each action point may be mentioned correctly and it should be given in writing to Punjab Pollution Control Board being nodal agency in the matter so that correct and authenticated figure may come into the District Environment Plan.**

However, while examining the various activities, it was observed that there was lot of variations in the data mentioned in the District Environment Plans as compared to the data at ground level. It is mentioned here that Additional Director, Directorate of Environment and Climate Change vide letter no. DECC/2021/893 dated 24.11.2021 has informed to the Central Pollution Control Board that District Environment Plans of all the districts of State of Punjab have been uploaded on the website of Punjab Pollution Control Board and Directorate of Environment. It was also mentioned in the said letter that copy of final District Environment Plans submitted to the Monitoring Committee are enclosed for information and further necessary action.

It was further mentioned that District Environment Plans of Districts Ludhiana and Jalandhar were selected as Model District Environment Plans for replication of the same for other districts, therefore, the data mentioned in the District Environment Plans should be correct and realistic as per the data available at ground level.



Thereafter, the Monitoring Committee sought a report from the Chief Environmental Engineers, Punjab Pollution Control Board, Ludhiana and Jalandhar w.r.t verification of the quantity of solid waste generated by Municipal Corporations, Ludhiana and Jalandhar on the following points.

- i. Total quantity of solid waste generated
- ii. Quantity of solid waste reaching at solid waste dumping site
- iii. Quantity of dry and wet waste reaching at solid waste dumping site.

The information sent by Chief Environmental Engineer, Punjab Pollution Control Board, Ludhiana vide his office letter no. 1540 dated 23.11.2021 indicated that out of total 1100 TPD of solid waste generated by Municipal Corporation, Ludhiana, 1034.6 TPD was reaching at solid waste processing plant and the said plant was not in operation. Out of total 1034.6 TPD solid waste reaching at solid waste dumping site, 1010.9 TPD is dry waste and 23.7 TPD is wet waste, which was found incorrect data because out of total 1100 TPD of solid waste, there may be about 550 TPD wet waste and 550 TPD dry waste.

Similar was the position w.r.t management of solid waste in Jalandhar area, wherein, Chief Environmental Engineer, Punjab Pollution Control Board, Jalandhar had reported vide his letter no. 1875 dated 24.11.2021 that out of total 425 TPD solid waste generated by the Municipal Corporation, Jalandhar, 137 TPD dry waste and 137 wet waste was reaching to the solid waste dump site and the remaining unsegregated quantity of solid waste was disposed of at the said site. In the said report, it was also mentioned that about 314 TPD solid waste is reaching to solid waste dumping site.

**3.5 Uploading of District Environment Plans of 23 Districts of the State of Punjab on web site of Punjab Pollution Control Board and Department of Environment and submission of 3<sup>rd</sup> report of the Monitoring Committee in compliance to order dated 05.07.2021 in OA no. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors**

The Monitoring Committee vide its office letter No. CMC/2021/458 dated 18.11.2021 requested the Principal Secretary to Government of Punjab, Department of Science, Technology and Environment that the concerned officer of Department of Environment, Government of Punjab may be directed to upload the finalized District Environment Plans of all the 23 districts on the relevant web-site under intimation to the Monitoring Committee. The copy of said letter was addressed to the Additional Director, Department of Environment, Government of Punjab with the request to upload the finalized District Environment Plans of all the 23 districts on the web-site immediately and intimation in this regard may be sent to CPCB.

Based on the above facts, the Monitoring Committee submitted its 3<sup>rd</sup> report in compliance to order dated 05.07.2021 in OA no. 360 of 2018 in the matter of Shree Nath Sharma V/s Union of India & Ors vide no. CMC/2021/463 dated 26.11.2021.



**4.0 Compliance of order dated 8.2.2022 in OA no. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors by the Monitoring Committee and submission of interim report of the Monitoring Committee mentioning the compliance status of environmental norms in respect of various thematic areas as mentioned in District Environment Plans of various Districts**

In compliance to order dated 8.2.2022 in OA no. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors as mentioned in part of para 18 & 19 above, the Monitoring Committee held its meetings with District Level officers of various districts of State of Punjab from 24.2.2022 to 23.8.2022 to review the action taken on the various activities as mentioned in District Environment Plans of various districts and also made site visits to check the compliance/action taken on the various activities as mentioned in the District Environment Plans. The details of the meetings held with District Level Officers of various districts of State of Punjab to review the action taken on the activities as mentioned in the District Environment Plans of the various districts are mentioned in **Table-1** given below.

**Table-1: Details of the meetings of the Monitoring Committee held with District Level Officers of various districts of State of Punjab.**

S.no.	Name of District	Meeting held with District Level Officers of the Districts	Letter No. and Date vide which minutes of the meeting were conveyed
1.	Patiala	24.2.2022	CMC/2022/772 dated 28.2.2022
2.	Fatehgarh Sahib	15.3.2022	CMC/2022/833 dated 16.3.2022
3.	Sangrur	22.3.2022	CMC/2022/846-847 dated 23.3.2022
4.	Malerkotla	22.3.2022	CMC/2022/846-847 dated 23.3.2022
5.	SBS Nagar	28.3.2022	CMC/2022/858 dated 29.3.2022
6.	Mansa	4.4.2022	CMC/2022/874 dated 5.4.2022
7.	Ropar	11.4.2022	CMC/2022/891 dated 12.4.2022
8.	Gurdaspur	25.4.2022	CMC/2022/926 dated 28.4.2022
9.	Pathankot	26.4.2022	CMC/2022/920 dated 28.4.2022
10.	Fazilka	6.5.2022	CMC/2022/938 dated 9.5.2022
11.	Sri Muktsar Sahib	6.5.2022	CMC/2022/943 dated 9.5.2022
12.	Hoshiarpur	13.5.2022	CMC/2022/960 dated 16.5.2022
13.	Kapurthala	20.5.2022	CMC/2022/975 dated 24.5.2022
14.	SAS Nagar	30.5.2022	CMC/2022/1050 dated 31.5.2022
15.	Moga	10.6.2022	CMC/2022/1063 dated 13.6.2022
16.	Faridkot	16.6.2022	CMC/2022/1070 dated 20.6.2022



17.	Ferozepur	17.6.2022	CMC/2022/1077 dated 20.6.2022
18.	Jalandhar	4.7.2022	CMC/2022/1106 dated 5.7.2022
19.	Ludhiana	12.7.2022	CMC/2022/1140 dated 13.7.2022
20.	Barnala	8.8.2022	CMC/2022/1180 dated 10.8.2022
21.	Bathinda	9.8.2022	CMC/2022/1188 dated 10.8.2022
22.	Amritsar	23.08.2022 at 10:30 AM	CMC/2022/1211 dated 25.8.2022
23.	Tarn Taran	23.08.2022 at 2:30 PM	CMC/2022/1219 dated 25.8.2022

The minutes of the meetings held with District Level Officers of various districts of State of Punjab, conveyed to the Deputy Commissioners of the concerned districts through separate letters as mentioned in Table-1 given above, were also annexed with the Interim report as **annexures**. An interim report in compliance to order dated 8.2.2022 in OA no. 360 of 2018 was sent to Hon'ble National Green Tribunal vide no. CMC/2022/1252 dated 20.9.2022. The compliance status/progress made by the various Municipal Councils/Corporations and other concerned departments w.r.t action taken on the various activities as mentioned in District Environment Plans of various districts of State of Punjab, as discussed with District Level Officers in the said meetings, was mentioned in the interim report submitted to Hon'ble Tribunal vide no. CMC/2022/1252 dated 20.9.2022 and the same is annexed as per **Annexure-2**.

It is submitted that 1<sup>st</sup> meeting of the Monitoring Committee was conducted at Patiala on 24.2.2022 and on the request made by the concerned authorities, timelines to complete various activities were extended to 31.8.2022. In most of Districts, these timelines had come to an end, therefore, it became imperative to verify the work done as per the commitment made on 31.8.2022 or may be thereafter. On random basis, the Monitoring Committee selected 02 Districts namely Mansa and Fatehgarh Sahib for checking the compliance status of various activities as mentioned in the District Environment Plans of these Districts.

The Monitoring Committee visited solid waste management and other environment management sites of District Mansa on 7.10.2022 and the report was sent by the Monitoring Committee to the Deputy Commissioner, Mansa under intimation to the Member Secretary, Punjab Pollution Control Board and other departments vide letter No. CMC/2022/1285-1291 dated 12.10.2022 and the same is reproduced as under:

**5.0 Visit to the Solid Waste Management and other environment management sites in District Mansa by the Monitoring Committee on 7.10.2022**

**5.1 Legacy waste dump site near Dera Bhai Gurdas (adjoining to the ponds containing wastewater of nearby localities).**

The Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board, District Administration and Municipal Council, Mansa visited the legacy waste



dump site/solid waste dumping site near Dera Bhai Gurdas (adjoining to the ponds containing wastewater of nearby localities on 07.10.2022 and following observations were made.

#### **5.1.1 Observations of the Monitoring Committee**

The following observations were made by the Monitoring Committee.

- i) **Lot of mixed (unsegregated) solid waste was found dumped at dumping site.**
- ii) **MC, Mansa has not started the work of remediation of legacy waste. No boundary wall and green belt around the legacy waste dump site have been provided.**
- iii) **It was informed that the CCTV camera and piezometer have been installed at site.**
- iv) **A barrier of suitable material has not been installed to separate the legacy waste dump site from the ponds water area.**
- v) **PPCB informed that no permission has been obtained by MC Mansa for using said site for disposal of mixed/unsegregated solid waste.**
- vi) **The overall condition of the solid waste dump site was miserable for which the Monitoring Committee has taken a serious view.**

The photographs showing mixed (unsegregated) solid waste lying dumped at dumping site and existence of ponds adjoining to solid waste dump site are mentioned as per **Plates 1 and 2.**



**Plate 1: Photograph showing the mixed (un-segregated) solid waste lying dumped at dumping site**



**Plate 2 : Photograph showing existence of ponds adjoining to solid waste dump site**

#### **5.2 Compost pit yard near Dera Bhai Gurdas**

The Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board, District Administration and Municipal Council, Mansa visited the compost pit yard near Dera Bhai Gurdas and the following observations were made.

##### **5.2.1 Observations of the Monitoring Committee**

- i. **It was informed that previously, there were 36 compost pits but with the passage of time, some of compost pits were damaged and now there are 24 compost pits. The Monitoring Committee observed that**



out of these 24 compost pits, some of compost pits have also been damaged.

- ii. The compost pits which are in operation, are lying empty without any wet waste.
- iii. The overall condition of the compost pit yard was miserable and pitiful.

The Photographs showing damaged compost pits and empty compost pits at compost pit yard are mentioned at **Plates 3 and 4**.



**Plate 3 : Photograph showing damaged compost pits at compost pit yard**



**Plate 4 : Photograph showing empty compost pits at compost pit yard**

### **5.3 Material Recovery Facility (MRF) with compost pits near Dera Bhai Gurdas**

The Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board, District Administration and Municipal Council, Mansa visited the Material Recovery Facility with compost pits near Dera Bhai Gurdas on 07.10.2022 and the following observations were made : -

#### **5.3.1 Observations of the Monitoring Committee**

- i. At MRF site, no separate compartments have been provided for collection of various type of dry waste.
- ii. The plastic waste in bags and some other dry wastes were found stored at site.
- iii. 12 compost pits have also been provided at site, out of which wet waste was found put into 01 compost pit.
- iv. It was informed that the plastic waste collected at MRF site has been sent to M/s Max India Ltd., Khanna for its processing by the said unit.
- v. The condition of the MRF site with compost pits was pathetic.

The Photographs showing the MRF site without compartments and dry waste stored without compartments and compost pits are mentioned at **Plates 5 and 6**.





**Plate 5 : The photograph showing the MRF site without compartments and dry waste stored without compartments**



**Plate 6 : The photograph showing compost pits**

#### **5.4 Legacy waste dump site at village Ramdittewala, District Mansa**

The Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board, District Administration and Municipal Council, Mansa visited the Legacy Waste Dump Site at village Ramdittewala, district Mansa on 07.10.2022 and the following observations were made : -

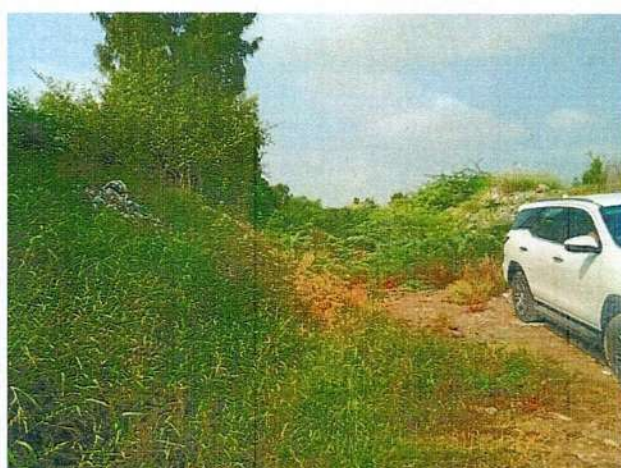
##### **5.4.1 Observations of the Monitoring Committee: -**

- i. **Old legacy waste was found dumped at dump site at village Ramdittewala, District Mansa.**
- ii. **Remediation of legacy waste has not been started so far.**
- iii. **Boundary wall has been provided around the dump site and green belt has been provided at scattered places.**
- iv. **No CCTV cameras and piezometer have been installed at legacy waste dump site.**

The Photographs showing legacy waste dumped at dump site without any remediation and boundary wall on one side of dump site are mentioned at **Plates 7 and 8.**



**Plate 7 : The photograph showing the legacy waste dump site without any remediation**



**Plate 8 : The photograph showing the boundary wall on one side of dump site**

#### **5.5 Material Recovery Facility with compost pits at Chakerian Road, Mansa.**

The Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board, District Administration and Municipal Council, Mansa visited the Material Recovery



Facility with compost pits at Chakerian Road, Mansa on 07.10.2022 and the following observations were made : -

#### 5.5.1 Observations of the Monitoring Committee

- i) At Material Recovery Facility site, no compartments have been provided and different kind of dry waste was found stored in mixed form.
- ii) Coconut shells were found stored on one side at MRF.
- iii) Plastic waste was found stored in a godown maintained by MC, Mansa. It was informed that the plastic waste is sent to Max India Ltd., Khanna for its processing.
- iv) MC, Mansa has provided 18 compost pits at MRF site, out of which some were found empty and 1 compost pit was found containing fresh wet waste for its processing.
- v) The residents of nearby area made a complaint to the Monitoring Committee regarding foul smell generated during the receiving of wet waste at the site. Wet waste is not being lifted daily as earlier decided and it has become the source of infection, bad smell and mosquito breeding.

The photographs showing material recovery facility without any compartment and collection of dry waste in mixed form, plastic waste stored in a godown at site and compost pits provided at MRF site are mentioned at **Plates 9 to 11**.



Plate No. 9 : The photograph showing the material recovery facility without any compartments and collection of dry waste in mixed form.



Plate No. 10 : The photograph showing the plastic waste stored in a godown at site



Plate No. 11 : The photograph showing compost pits provided at MRF site



## **5.6 Remediation of legacy waste at Jalwehra Road by MC, Bareta**

The Technical Expert of the Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board and Municipal Council, BARETA visited the reclaimed site after remediation of legacy waste by MC Bareta on 07.10.2022 and the following observations were made:


### **5.6.1 Observations of the Monitoring Committee.**

- i. It was informed that about 1000 MT of legacy waste was dumped at Jalwehra Road, Bareta.
- ii. Whole of the legacy waste has been remediated by MC, Bareta and presently, vacant land surrounded by boundary wall, is available at site.
- iii. It was informed that the said vacant land (about 2 acres) so reclaimed on account of remediation legacy waste, shall be converted into park for the facility of the public.
- iv. It was further informed that the by product (bio-soil, inert waste, C&D waste and RDF) of the legacy waste have been disposed off appropriately. It was submitted that bio-soil and inert waste have been dumped in a low lying area within MC, office and a park has been maintained at that site. Plastic waste (RDF) was sold in the market.

## **5.7 MRF shed within MC, Complex, Bareta adjoining to Gaushala**

The Technical Expert of the Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board and Municipal Council, Bareta visited the MRF shed within MC, Complex, Bareta adjoining to Gaushala on 07.10.2022 and the following observations were made.

### **5.7.1 Observations of the Monitoring Committee**

- 
- i. It was informed that total quantity of solid waste generated by MC, Bareta is 2.4 TPD, out of which 1.6 TPD is dry waste and remaining 0.8 TPD is wet waste.
  - ii. For processing of dry waste, material recovery facility with 7 compartments has been provided. In these compartments plastic waste, plastic bottles, glass bottles, iron pieces, card board, single use plastic plates etc. was found stored.
  - iii. For processing of wet waste, 26 compost pits have been constructed, out of which 15 compost pits are without covering shed and 11 are under the covering shed.
  - iv. In some of the compost pits, compost ready for use was found stored.
  - v. In one compost pit, fresh wet waste was found inserted. It was informed that processing period of wet waste to convert into compost (manure) is about 2 months.

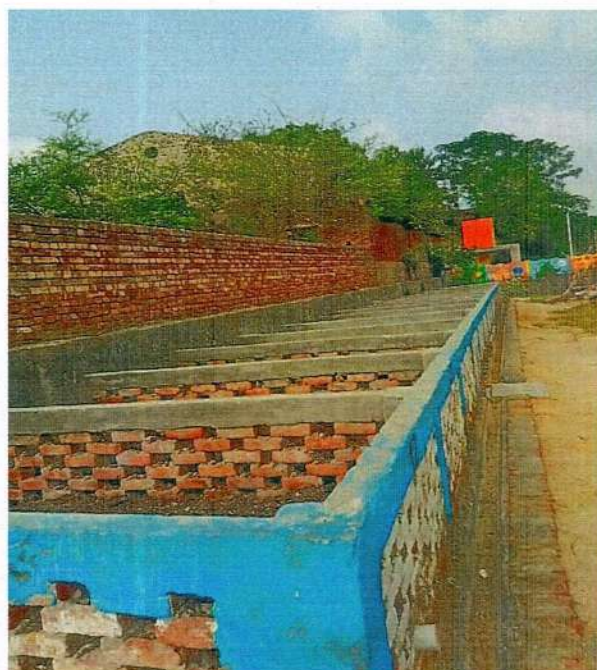


- vi. **The manure so produced after the processing of wet waste was found packed in polythene bags. It was informed that the manure is sold to the farmers and also distributed free of cost within the society.**

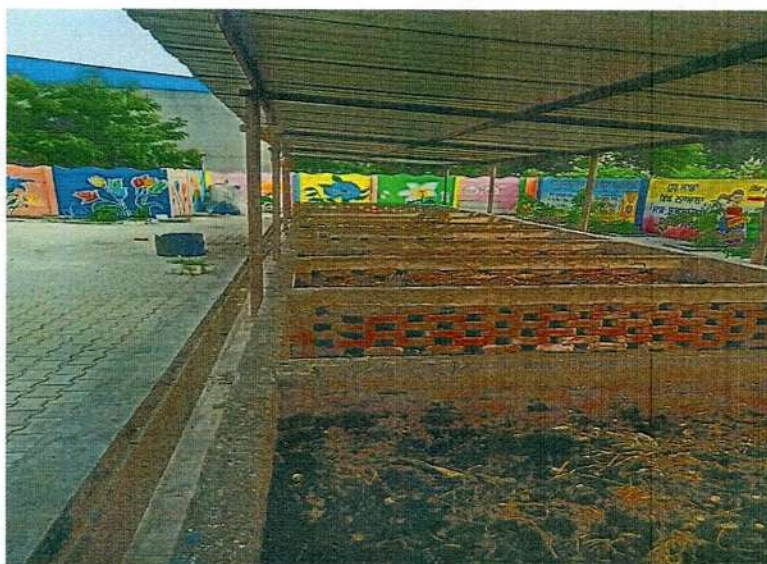
The Photographs showing MRF facility with compartments containing different type of dry waste, compost pits without the covering shed and compost pits containing compost (manure) ready for use are mentioned at **Plates 12 to 14.**



**Plate No. 12 :** The photograph showing the MRF facility with compartments containing different type of dry waste



**Plate No. 13 :**The photograph showing compost pits without the covering shed



**Plate No. 14 :**The photograph showing the compost pits containing compost (manure) ready for use.

## **5.8 Other Environmental Issues**

### **5.8.1 Stagnation of Rain Water / Wastewater along railway line opposite Dera Bhai Gurdas.**

The Monitoring Committee during its visit to solid waste management sites of Mansa area on 7.10.2022, observed that lot of rain water / wastewater was found stagnating along railway line in a stretch of about 500 m. Foul smell was found emitting at the site. The officers of Municipal Council informed that the rain water / wastewater shall be taken into sewerage system for its ultimate disposal.



The photograph showing the stagnation of rain water / wastewater along railway line is mentioned as per **Plate 15**.



**Plate 15 :**The photograph showing the stagnation of rain water / wastewater along railway line is mentioned as per Plate 15.

The Monitoring Committee recommends that Deputy Commissioner, Mansa may issue necessary directions to the Department of Soil & Water Conservation to prepare a scheme for utilization of rain water for irrigation by 31.12.2022 and the same may be implemented by 31.03.2023. MC Mansa shall ensure that no wastewater is allowed to stagnate at site along railway line.

#### **5.8.2 Pond containing wastewater of Mansa area.**

The Monitoring Committee was informed that the treated sewage (14 MLD) is discharged into pond having large area. There is a proposal to utilize the treated sewage for irrigation and during no demand period, the same shall be discharged into drain, further, leading to Sirhind Choe.

The Monitoring Committee recommends that the Department of Soil & Water Conservation shall prepare revised irrigation scheme increasing the command area to utilize treated sewage of town for irrigation and shall ensure that no treated/untreated wastewater is allowed to stagnate into pond.

#### **6.0 Visit to the Solid Waste Management and other environment management sites in District Fatehgarh Sahib by the Monitoring Committee on 27.10.2022**

The Monitoring Committee visited the solid waste management sites and other environment management sites of District Fatehgarh Sahib on 27.10.2022 and report was sent by the Monitoring Committee to the Deputy Commissioner, Fatehgarh Sahib under intimation of Member Secretary, Punjab Pollution Control Board and other departments vide letter no. CMC/2022/1320-1326 dated 31.10.2022 and the same is reproduced as under.

#### **6.1 Sewage Treatment Plant (STP) of capacity 5 MLD, Sirhind.**

The Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board, District Administration, Punjab Water Supply & Sewerage Board and Municipal



Council, Sirhind visited the under construction STP of capacity 5 MLD being installed for treatment of part of sewage of Sirhind town on 27.10.2022. About 80 % of civil work of STP has been completed. The components of STP are collection chamber, screen chamber, grit chamber, SBR (2 tanks), chlorine contact tank and centrifugal system for drying of sludge. The officers of PWSSB informed that the STP shall be completed by 28.02.2023. The photographs showing various components of under construction STP are mentioned as per **plates 16 to 21**.

	
<p><b>Plate-16: Photograph showing collection chamber for collection of untreated effluent</b></p>	<p><b>Plate-17: Photograph showing SBR basin and selectors</b></p>
	
<p><b>Plate-18: Photograph showing chlorine contact tank and chlorine cylinders containing chamber</b></p>	<p><b>Plate-19: Photograph showing building under construction for placing centrifuging system to dry the sludge</b></p>
	
<p><b>Plate-20: Photograph showing mechanical component of STP (Decanter) arrived at site</b></p>	<p><b>Plate-21: Photograph showing pipeline network to carry untreated sewage into drain because of non-commissioning of STP.</b></p>

#### 6.1.1 Observations of the Monitoring Committee

The following observations were made by the Monitoring Committee.

- i) About 80 % civil work of all components of STP has been completed.



- ii) Some mechanical components of STP have been arrived at site.
- iii) Purchase order has been placed for the purchase of air diffusers and air blower.
- iv) Collection chamber for collection of un-treated effluent has been completed and the effluent received in the chamber is discharged into nearby drain.

#### **6.1.2 Recommendations of the Monitoring Committee**

The following recommendations are made:

- i. Punjab Water Supply & Sewerage Board (PWSSB) shall complete STP by 28.02.2023 and it shall be commissioned by 31.03.2023.
- ii. Department of Soil & Water Conservation shall prepare irrigation scheme to utilize treated sewage of 5 MLD for irrigation by 31.12.2022 and same will be laid by 30.06.2023.
- iii. PWSSB shall construct pucca platform for storage of dried sludge and it may be analyzed for various parameters to check its fitness for utilization as manure in agricultural fields and in case it is found fit to utilize as manure in agricultural fields, the same shall be started utilizing after the commissioning of STP.

#### **6.2 Compost pit yard cum MRF site at Village Kheri Bir Singh.**





The Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board, District Administration, ADC (D), BDPO and Sarpanch of Village Kheri Bir Singh visited the compost pit yard cum MRF site at Village Kheri Bir Singh on 27.10.2022 and the following observations were made:

##### **6.2.1 Observations of the Monitoring Committee**

- i. Department of Rural Development & Panchayat has constructed 03 pits for composting of wet waste and 01 pit for storage of dry waste.
- ii. It was informed that about 1.5 quintal/day solid waste, generated by the Village Kheri Bir Singh, is received at site. Wet waste is put into 03 compost pits for its processing to produce manure and dry waste is stored in 1 pit, from which segregated dry waste is sold to the recyclers.
- iii. During the visit, it was observed that out of 03 compost pits, old wet waste was found put into 02 compost pits and wet waste material found in these pits was almost at the manure stage. Fresh wet waste was found put into 01 compost pit.
- iv. Dry waste was being burnt outside compost pit yard during the visit.

The photographs showing the compost pits and the pit provided to store dry waste are mentioned as per **plates 22 to 25**.



	
<p><b>Plate 22. Photograph showing MRF cum Compost pits yard in the village</b></p>	<p><b>Plate 23. Photograph showing compost pits provided at site</b></p>
	
<p><b>Plate 24. Photograph showing fresh wet waste into compost pit</b></p>	<p><b>Plate 25. Photograph showing old wet waste ready for use as manure</b></p>

#### 6.2.2. Recommendations of the Monitoring Committee

The following recommendations are made:

- i. DDPO and Sarpanch of Village Kheri Bir Singh shall ensure that whole of the wet and dry waste generated by the village is managed at compost pit cum MRF site setup in the village.
- ii. Compost so produced after processing of the wet waste may be sold to the farmers or distributed free of cost among the society or used in kitchen gardens.
- iii. Segregated dry waste may be sold to the authorized agency for its further recycling/processing.
- iv. DDPO and Sarpanch of Village Kheri Bir Singh shall ensure that no burning of dry waste or plastic waste may take place and whole of the dry waste may be disposed of in scientific manner.

#### 6.3 Legacy waste dump site at Village Chattarpura, Mandi Gobindgarh

The Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board and Municipal Council, Mandi Gobindgarh visited the legacy waste dump site at Village Chattarpura, Mandi Gobindgarh on 27/10/2022 and the following observations were made.




### 6.3.1 Observations of the Monitoring Committee

- i. It was informed that about 42000 MT of legacy waste was lying dumped at site.
- ii. No boundary wall has been provided on 2 sides of dump site and the boundary wall provided on 3<sup>rd</sup> side is low in height, whereas, the boundary wall provided on 4<sup>th</sup> side of the dump site has been broken.
- iii. No green belt/plantation has been provided all around the legacy waste dump site.
- iv. Lot of leachate was found stagnating on one side of the dump site.
- v. A trommel has been installed to segregate bio-soil, inert waste and RDF. During the visit, the trommel machine was in operation and heaps of bio-soil, inert waste and RDF was found segregated at site.
- vi. The Monitoring Committee was informed that the legacy waste lying dumped at site shall be remediated by 31.12.2023, whereas, the timeline for remediation of legacy waste was mentioned as 31.12.2022 as per revised District Environment Plan submitted by District Administration, Fatehgarh Sahib.

The photographs showing the legacy waste dump site, trommel machine installed for segregating various category of wastes, heaps of bio-soil, inert waste and RDF lying stored near trommel machine, broken boundary wall and leachate lying stagnated at site are mentioned as per **plates 26 to 31**.

	
Plate -26: Photograph showing legacy waste lying dumped at site	Plate -27: Photograph showing trommel machine installed at site and screening of various category of waste (RDF, inert and bio-soil).
	
Plate -28: Photograph showing trommel machine installed at site and segregating	Plate -29: Photograph showing boundary wall constructed on one side



various category of wastes	of dump site.
	
Plate 30: Photograph showing broken boundary wall on 4 <sup>th</sup> side of the dump site.	Plate 31: Photograph showing leachate stagnating at legacy waste dump site

### 6.3. Recommendations of the Monitoring Committee

The Monitoring Committee has made the following recommendations:

- MC Mandi Gobindgarh shall ensure that whole of the legacy waste may be remediated within the time schedule as mentioned in the revised District Environment Plan.
- The by-products namely bio-soil, inert waste, RDF and C&D waste produced after processing of legacy waste may be disposed of in an environmentally sound manner and a proper record in this regard may be maintained by MC Mandi Gobindgarh.
- Boundary wall of suitable height and green belt may be provided all around the legacy waste dump site by 31.12.2022.
- Effluent Treatment Plant to treat leachate generated at legacy waste dump site may be installed by 31.11.2022 and leachate collected at site may be treated by 31.12.2022.
- The treated wastewater of leachate may be utilized for plantation and it may not be discharged into any drain/nallah.

### 6.4 Material Recovery Facility cum Compost Plant setup near Nirankari Bhawan, backside Bus Stand, Mandi Gobindgarh

The Monitoring Committee in the presence of the officers of the Punjab Pollution Control Board and Municipal Council, Mandi Gobindgarh visited the Material Recovery Facility cum Compost Plant setup near Nirankari Bhawan, backside Bus Stand, Mandi Gobindgarh on 27.10.2022 and the following observations were made.

#### 6.4.1 Observations of the Monitoring Committee: -

##### 6.4.1.1 Management of dry waste:

- During visit, segregated dry waste namely plastic waste, thermocol, waste cloth, plastic bottles, iron pieces etc. were found stored at the MRF site.
- A Baling machine to bail the plastic waste was found installed at site.
- The Monitoring Committee was informed that the segregated dry waste is sold to the authorized recyclers in the market.



#### 6.4.1.2 Management of wet waste:

- i. For processing of wet waste, a mechanical composter of capacity 0.5 MT/batch has been setup and it processes about 2 TPD wet waste.
- ii. Compost pits (8 nos.) have been provided to treat wet waste and old wet waste was found put into these pits.
- iii. The Monitoring Committee was informed that the wet and dry waste of 11 wards of MC Mandi Gobindgarh are reaching at site.

The photographs showing segregated dry waste, mechanical composter and compost pits are mentioned as per plates **32 to 35**.



**Plate -32: Photograph showing segregated dry waste at site**



**Plate -33: Photograph showing baled plastic waste**



**Plate -34: Photograph showing compost pits containing old wet waste**



**Plate -35: Photograph showing mechanical composter of capacity 0.5 Ton/batch to process wet waste.**

#### 6.4.2. Recommendations of the Monitoring Committee

The Monitoring Committee has made the following recommendations:

- i. MC Mandi Gobindgarh shall ensure that whole of the wet waste generated in the town from 11 wards of MC may be treated at mechanical composter as well as compost pits provided at site.
- ii. MC Mandi Gobindgarh shall maintain proper record w.r.t. total quantity of wet waste received at site, quantity of wet waste put into compost pits and mechanical composter, quantity of manure produced, quantity of manure sold to the farmers or distributed free of cost within the society or used in the parks as manure and said record may be made ready for inspection of the officers of Regulatory Body.



- iii. MC Mandi Gobindgarh shall maintain proper record w.r.t. quantity of dry waste received at site, quantity of segregated dry waste sold in the market to the authorized agency and the remaining quantity of segregated dry waste lying stored at site.

## **7.0 Status of environmental activities in the State**

### **7.1 Status of existing STPs**

As per the data available with Department 133 STPs of capacity 1836 MLD are in-operation and out of these 133 STPs, 110 STPs were monitored by Punjab Pollution Control Board, out of which 32 STPs were not found meeting with the prescribed standards.

### **7.2 Installation of new STPs in the State**

As per the data submitted, 133 STPs of capacity 1836 MLD have been installed in the State and status of 110 new STPs of capacity 734.85 MLD is mentioned as under:

<b>Sr. No</b>	<b>Number and capacity of STPs</b>	<b>Construction status</b>	<b>Timelines for completion</b>
1.	52 STPs of capacity 567.45 MLD	Under construction	31.12.2022
2.	32 STPs of capacity 69.9 MLD	At tendering stage	31.12.2023
3.	26 STPs of capacity 97.5 MLD	At DPR stage	31.12.2023

### **7.3 Installation of in-situ remediation technology**

It has been mentioned that 14 in-situ remediation systems are in-operation and 11 such systems are under construction. No timeline for completion of the in-situ remediation technology systems has been mentioned.

### **7.4 Status of Common Effluent Treatment Plants (CETPs) for treatment of industrial effluent**

The status of CETPs installed for treatment of industrial effluent is mentioned as under:

<b>Sr. No</b>	<b>Name of CETPs</b>	<b>Compliance status</b>
1.	0.5 MLD for electro-plating units, Ludhiana	compliant
2.	05 MLD for leather complex, Jalandhar	compliant
3.	0.035 MLD for vegetable tanning, Malerkotla	compliant
4.	15 MLD for Bahadur-ke-road dyeing industries, Ludhiana	Non-compliant
5.	40 MLD for Textile dyeing of Focal Point, Ludhiana	Non-compliant
6.	50 MLD for Textile dyeing of Tajpur road, Ludhiana	Non-compliant

### **7.5 Setting up of bio CBG plant at Tajpur Dairy Complex, Ludhiana**

There is proposal to install bio CBG plant of capacity 6.4 TPD at Tajpur road to handle 300 TPD of cow dung and implementation agreement has been signed between PEDDA and agency. Land lease agreement is yet to be signed. The project is likely to be completed by 30.11.2024.



## 7.6 CBG plant at Haibowal Dairy Complex, Ludhiana

Bio gas power plant of capacity 1 MW utilizing 180 TPD animal dung and the said plant is operating at 85% of its capacity.

## 7.7 Installation of Effluent Treatment Plant for treatment of liquid waste generated by dairy complex (Tajpur Dairy Complex and Haibowal Dairy Complex)

It has been submitted that ETPs of capacity 2.25 MLD and 3.75 MLD for treatment of wastewater of Tajpur Dairy Complex and Haibowal Dairy Complex, respectively, Ludhiana are under construction and the same are likely to be completed by 30.6.2023.

## 7.8 Setting up of biogas plant and Effluent Treatment Plant for Jamsheer Dairy Complex, Jalandhar

Municipal Corporation, Jalandhar has mentioned that PEDDA has retendered the project for setting up of CBG plant of capacity 12000 m<sup>3</sup> on BOO basis. The work has been allotted in October, 2020 and the plant is likely to be completed by 30.6.2024.

For treatment of wastewater of dairy complex, tender for setting up of 2.25 MLD ETP has been awarded and ETP shall be completed by 30.6.2023.

## 7.9 Rejuvenation of ponds

The data indicate that out of total 15466 rural ponds, 540 ponds have been rejuvenated and work is in progress in case of 568 ponds. Similarly, out of total 249 urban ponds, 51 ponds have been rejuvenated and work is in progress in case of 46 ponds.

## 7.10 Utilization of treated wastewater of Sewage Treatment Plants for irrigation

The data submitted by department of Soil & Water Conservation indicate that irrigation network for utilization of 305 MLD treated sewage of 57 STPs has been laid and command area under these irrigation schemes is 8327 hectares. Irrigation schemes for utilization of 114 MLD treated sewage of 7 STPs are under progress and command area under these irrigation schemes shall be 4015 hectares. Irrigation projects for utilization of treated sewage of 30 STPs of capacity 378.5 MLD have been sanctioned and command area under these irrigation schemes shall be 13397 hectares. In case of 12 STPs mainly of Ludhiana, Jalandhar and Amritsar, irrigation schemes for utilization of treated sewage have not been found feasible due to thickly populated area, or non availability of command area for agriculture in the nearby vicinity.

## 8.0 Status of Solid Waste in the State

The data submitted by the department is mentioned as under:

S. no	Activity	Unit	Target	Timelines given by Deptt.	Progress achieved
1.	Door to Door collection of Waste	% coverage HHs/Shops	100%	30.9.2022	99%
2.	Segregation of Waste at Source	% coverage HHs/Shops	100%	30.3.2023	84%
3.	Setting-up of Material Recovery Facility	No. of MRFs	305	31.3.2023	87.2% (266/305)



4.	Setting-up of Aerobic Composting Pits	No. of Compost Pits	8386	31.3.2023	98%
5.	Setting-up Sanitary Landfill Sites	No. of SLFs	135	31.3.2023	25% (35/135)
6.	Setting-up of Waste to Energy Facilities	No. of Facilities	3	30.6.2023	33.3% (1/3) Only RDF plant
7.	Bio-remediation of Old Dump Sites	No. of ULBs	143	31.3.2024	Work completed in 21 ULBs and initiated in 122 ULBs. i. 114 ULBs – 31.12.22 ii. 32 ULBs – 31.03.23 iii. 2 ULBs (Asr&Ldh) – 31.03.24
8.	Setting-up of processing facility for C&D Waste	No. of Facilities	163	31.12.2022	98.5% (140/142) i. 139 ULBs - Micro units setup.  ii. 60 TPD plant commissioned at MC Jalandhar  iii. 100 TPD plant proposed at MC Amritsar & Ludhiana each.

It is mentioned here that in compliance to order of Hon'ble National Green Tribunal, Punjab Pollution Control Board has imposed an environmental compensation (EC) of Rs. 67.1 crore for non-compliance of Solid Waste Management Rules, 2016 for the period from 1.7.2020 to 28.2.2022, out of which department of Local Govt. has deposited Rs. 20.63 crore.

## 9.0 Overall conclusions and recommendations

Based on the discussion held with District Level Officers of various districts of the State of Punjab by the Monitoring Committee, visit of various sites by officers of Punjab Pollution Control Board and seen online through Whatsapp by the Chairman of the Monitoring Committee and physical verification made by the Monitoring Committee, the following conclusions and recommendations are made:

### 9.1 Solid Waste Management

- 1) As per the data prepared by the Department, 84% source segregation of solid waste has been achieved by all the Municipal Councils of the State, whereas, as per discussion held with the District Level Officers of various districts of the State by the Monitoring Committee, it has been observed that almost all Municipal Councils/ corporations of various districts have achieved 55-100% source segregation of solid waste. **Also, as per the reports submitted by the officers of the Punjab Pollution Control**



Board, who were deputed to visit various sites of the solid waste management, there was poor source segregation of solid waste or negligible source segregation of solid waste. Source segregation of solid waste is a prime activity for managing solid waste through various other activities. The situation was too alarming and miserable. On the request of the officers of the Municipal Corporations/ Councils of various Local Bodies of districts of the State, the timeline to achieve 100% source segregation by MCs was extended to 31.12.2022 and it was asked to mention the said timelines in the revised District Environment Plans.

Therefore, the Monitoring Committee recommends that all Municipal Corporations/Councils of various districts of the State may achieve 100% source segregation of solid waste by 31.12.2022.

- 2) The data submitted by the Department indicate that 99% door to door collection of solid waste has been achieved by MCs, whereas, during the meetings held with the District Level Officers of various districts of State of Punjab, it was observed by the Monitoring Committee that for door to door collection and transportation of solid waste to the solid waste management sites, some of the Municipal Corporations/ Councils have inadequate compartmentalized vehicles for door to door collection of solid waste and GPS enabled vehicles deployed for transportation of solid waste were also inadequate. On the request made by the officers of various Municipal Corporations/ Councils, the timelines for the same have been extended and it was requested to mention the revised timeline in the revised District Environment Plans.

The data further indicate that most of the Municipal Corporations/ Councils have not provided additional compartment with each door to door solid waste collecting vehicle for collection of domestic hazardous waste and no additional compartment has been provided at MRF site of each MC for temporary storage of domestic hazardous waste.

**The Monitoring Committee recommends as under:**

- a) All the Municipal Corporations/Councils/GLADA/GMADA/JDA/BDA/PDA or any other development/authority may provide adequate number of compartmentalized vehicles for door to door collection of solid waste and GPS enabled compartmentalized vehicles for transportation of solid waste to the solid waste management sites by 31.8.2022/30.9.2022/31.12.2022.
- b) All MCs may provide additional compartment with each door to door solid waste collecting vehicle for separate collection of domestic hazardous waste by 30.09.2022 / 31.12.2022 and separate compartment at MRF site of each MC may be provided for separate collection of domestic hazardous waste by 30.09.2022 / 31.12.2022. All MCs may make agreement with common hazardous waste treatment disposal facility or common bio medical waste management facility by 30.09.2022 / 31.12.2022.



- 3) In the report/data submitted by the department, it has been mentioned that 8233 aerobic compost pits have been provided against the requirement of 8386 compost pits, which is 98% of the total compost pits to be provided by the various MCs. Further, the data mentioned in the District Environment Plans indicates that most of the MCs/ corporations have provided adequate number of compost pits for treatment of wet waste but during the monitoring carried out by PPCB and seen online through Whatsapp by the Chairman of the Monitoring Committee and also physically verified by the Monitoring Committee, it was observed that either most of the compost pits provided by MCs were empty or some were filled with mixed waste or dry waste. In some compost pits, wild grass was found grown and some compost pits were found broken. Therefore, overall condition of the compost pits was miserable.

On the request of the Municipal Corporations/ Councils, the timeline for providing adequate number of compost pits for treatment of wet waste was extended to 30.9.2022/31.12.2022 and it was asked to mention the said timeline in the revised District Environment Plans.

**The Monitoring Committee recommends as under:**

- i) All Municipal Corporations/ Councils and other departments may provide adequate number of compost pits for treatment of wet waste by 30.9.2022/31.12.2022.**
- ii) The wild grass grown in the compost pits may be removed immediately by all the MCs, wherever, such irregularities have been observed and these compost pits may be utilized in scientific manner and it shall be ensured by all MCs and other departments that these compost pits may be utilized entirely for treatment of wet waste and no other waste may be disposed of into these compost pits.**
- iii) Compost pits provided by MCs, which have been broken, may be repaired immediately.**
- iv) All Municipal Corporations / Councils may issue necessary directions to the Bulk Waste Generators of Solid Waste existing in their area to provide compost pits of adequate capacity of manage wet waste on their own by 31.03.2023. For management of dry waste, these bulk waste generators may be directed to make agreement with concerned MC with suitable user charges to be paid to MC by Bulk Waste Generators by 31.12.2022.**

- 4) In the report of the Department, it has been mentioned that 266 MRFs (87.2% MRFs) have been provided against the requirement of 305 MRFs. In the District Environment Plans of various Districts of the State, it has been mentioned that most of MCs and other departments have provided adequate number of Material Recovery Facilities but during the visit made by the officers of Punjab Pollution Control Board and seen online through Whatsapp by the Chairman of the Monitoring Committee and physically verified by the Monitoring Committee on random basis, it was observed that some of the Material



Recovery Facilities were either lying empty or containing mixed waste. During the meeting with the District Level Officers of various districts of the State, on the request of the Municipal Corporations/ Councils and other Departments, timeline for providing adequate number of MRFs has been extended to 30.09.2022/ 31.12.2022 and it was requested to mention the said timeline in the revised District Environment Plans.

**Therefore, the Monitoring Committee recommends that all Municipal Corporations/ Councils and other departments may provide adequate number of Material Recovery Facilities (MRFs) for treatment of dry waste by 30.09.2022/31.12.2022 and these MRFs may be utilized for management of dry waste and no mixed solid waste may be disposed of into these MRFs. Segregated dry waste like waste paper, card board, waste plastic, wooden pieces, iron pieces, glass or any other useful material may be sold/disposed off to the authorized recycler/processor in a time bound manner.**

- 5) Out of total 135 Sanitary Landfill sites to be provided by various MCs for disposal of inert and non-recyclable solid waste, 35 sanitary landfill sites have been provided by some of the MCs. During the meeting held with the District Level officers of various Districts of the State, it was observed that some of the Municipal Corporations/Councils have identified land for development of sanitary landfill sites and some have developed said sites and some of the MCs even haven't identified suitable sites for development of sanitary landfill site. On the request of the Municipal Corporations/ Councils and Officers of the other departments concerning to the matter, the timeline for constructing sanitary landfill sites scientifically was extended to 30.09.2022/ 31.12.2022 and it was requested to mention the said timeline in the revised District Environment Plans.

**The Monitoring Committee recommends that all Municipal Corporations/ Councils and other departments of various districts of State, may identify suitable site for sanitary landfill and same may be developed/ constructed scientifically by 30.09.2022/31.12.2022/31.1.2023.**

- 6) Regarding remediation of legacy waste, it was observed that during the visit by officers of the PPCB and seen online through Whatsapp by the Chairman of the Monitoring Committee, there was no or negligible remediation of legacy waste and some of the legacy waste dump sites are located on the bank of water bodies. At some legacy waste dump sites, animals were found eating solid waste and at some places of legacy waste dump sites, fire incidents were observed. At same places, solid waste was found dumped underground and concerned MCs (Ludhiana, Batala, Jagraon, Haryana and Ferozepur) were directed to extract the said solid waste and may be remediated in a time bound manner. Further, the data submitted by the Department indicate that out of total 152 legacy waste dump sites, remediation of legacy waste has been completed in 32 ULBs and process of remediation of said waste has been initiated in 120 ULBs.

On the request of the Municipal Corporations/ Councils of various districts and other officers present in the district level meetings held with the District Level Officers of various districts of the State, the timeline for remediation of legacy waste was extended



to 30.9.2022/31.12.2022 and it was directed to mention the said timeline in the revised District Environment Plans.

**The Monitoring Committee recommends as under:**

- i) **All the Municipal Corporations/ Councils of various districts of the State, may remediate 100% legacy waste by 30.9.2022/31.12.2022/31.3.2023. MCs Jalandhar and Ludhiana may remediate 100% legacy waste by 31.3.2023 and 30.4.2024, respectively.**
- ii) **All MCs may maintain proper record mentioning the quantity of legacy waste remediated and quantity of fractions like bio-soil, RDF, C&D waste & inert waste produced after remediation of legacy waste and scientific disposal of each of fraction may be maintained.**
- iii) **PPCB may submit its report regarding remediation of solid waste found dumped underground by MCs Ludhiana, Batala, Jagraon, Haryana and Ferozepur within 15 days.**

## **9.2 Plastic Waste Management**

- 1) During the discussion held with the District Level Officers of various districts of State, it was submitted that 100% door to door collection of dry waste including plastic waste has been achieved by all MCs except MC Ludhiana and Jalandhar. The site visits made by the officers of the Punjab Pollution Control Board indicate that wet waste, dry waste including plastic waste is collected from door to door in 100% of the area of the Municipal Corporations/ Councils except MC Ludhiana and Jalandhar.

**The Monitoring Committee recommends as under:**

- i) **All the Municipal Corporations/ Councils may continue to collect dry waste including plastic waste from door to door in 100% of their area.**
- ii) **MCs Ludhiana and Jalandhar may achieve 100% door to door collection of dry waste including plastic waste by 30.9.2022/31.12.2022.**
- 2) For collection of plastic waste at plastic waste collection centers, it has been mentioned that material recovery facilities have been provided by each MC. It was directed as under.  
**All the Municipal Councils/ Corporations may provide dedicated plastic waste collection centers at Material Recovery Facility sites entirely for the collection of plastic waste by 30.6.2022/30.9.2022.**
- 3) **All the Municipal Councils/ Corporations and other departments of various districts of the State may ensure that adequate number of waste pickers/ workers and GPS enabled compartmentalized vehicles are deployed for collection and transportation of dry waste including plastic waste to the material recovery facility sites.**
- 4) For scientific disposal of plastic waste, there is need to identify plastic waste recycling/ processing facilities existing within or outside State and Municipal Councils of various districts of the State may make agreement with the authorized plastic waste recycling/




processing facilities and thereafter, the plastic waste collected at plastic waste collection centers may be sent to the said facilities.

**The Monitoring Committee has already recommended that all Municipal Corporations/ Councils and other departments may identify authorized plastic waste recycling/ processing facilities within or outside State by 30.09.2022 and agreement with these authorized agencies may be made by all MCs by 31.10.2022 and plastic waste collected at plastic waste collection centers may be started sending to the authorized plastic waste recycling/ processing facilities by 30.11.2022. Further, these MCs may also adopt some other mechanism for useful usage of plastic waste like construction of roads, waste to energy plant etc. in a time bound manner.**

### **9.3 C&D Waste Management**

For setting up of processing facility for management of C&D waste, it has been mentioned in the report of the department that out of 163 ULBs, C&D waste processing facilities are required to be provided in case of 142 ULBs, out of which, such facilities have been provided in 140 ULBs. In 139 ULBs micro units have been provided. In Jalandhar 60 TPD C&D waste processing plant has been commissioned and 100 TPD capacity processing plants for C&D waste have been proposed each in MC Ludhiana and Amritsar. It is mentioned here that during the meetings held with District Level officers of various Districts of the State, the Monitoring Committee observed that some of the Municipal Councils/ Corporations of various districts of the State have identified suitable sites for collection/ deposition of C&D waste, whereas, other MCs are yet to identify suitable sites for collection/ deposition of C&D waste for management of said waste.

**Therefore, the Monitoring Committee recommends as under:**

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- i. All the Municipal Corporations/Councils, which have not identified suitable sites for collection/ deposition of C&D waste for its management, may identify the same at the earliest. Municipal Corporations of the State may provide C&D waste processing plants to make C&D waste usable for useful usage like paving blocks, tiles, use in lower layer of roads, other rural roads etc. by 31.12.2022/31.3.2023.**
  - ii. Municipal Councils of various districts of the State may provide appropriate machinery for making C&D waste usable for various usage as per requirement in the area by 31.12.2022.**
  - iii. Municipal Councils/ Corporations may fix user fee for collection and transportation of C&D waste from residential houses and commercial complexes to the C&D waste deposition sites at the earliest.**
  - iv. Municipal Corporations Ludhiana and Amritsar have proposed to install C&D waste recycling facilities each of capacity 100 TPD and these recycling/processing facilities may be set up by 31.10.2023.**



#### **9.4 Bio Medical Waste Management**

The Monitoring Committee recommends as under.

- 1) Punjab Pollution Control Board shall ensure that all the health care facilities existing in each district are identified and their inventory may be made ready for monitoring of each HCFs by PPCB in a time bound manner.
- 2) Punjab Pollution Control Board shall ensure that all the Health Care Facilities (HCFs) have valid authorization under the Bio-medical Waste Management Rules, 2016 and these have made proper agreement with the Common Bio Medical Waste Treatment Facilities for management of bio medical waste.
- 3) In order to ensure the effective disposal of bio medical waste, bar code system may be adopted by all the Health Care Facilities of all the districts by 31.12.2022. Punjab Pollution Control Board may check routes of the vehicles, deployed by Common Bio Medical Waste Treatment Facilities for collection of biomedical waste from various HCFs and its transportation to common bio-medical waste treatment facilities.
- 4) All the Health Care Facilities of various districts of the State may provide wastewater treatment plant to treat chemical based liquid effluent and sewage generated by the Health Care Facilities by 31.12.2022.

#### **9.5 Hazardous Waste Management**

The following recommendations are made by the Monitoring Committee:

- 1) Punjab Pollution Control Board shall ensure that all the hazardous waste generating industries are identified and all such industries may have valid authorization under the Hazardous Waste Management Rules, 2016 by 31.12.2022 and shall ensure that all these industries have made proper agreement with the Hazardous Waste Disposal Facilities set up in the State for collection and treatment of hazardous waste generated by the industries.
- 2) Regarding training to the workers involved in handling/ recycling/ disposal of hazardous waste, Punjab Pollution Control Board may mention the information with regard to number of workers to whom training was imparted in the last 3 months for scientific disposal of hazardous waste by the industries and TSDF. Further planning and its frequency to provide trainings to the workers on the said issue by the common hazardous waste management facility operator and the industries may also be mentioned in the revised District Environment Plans. Also, the trainings w.r.t safety of workers during handling, recycling and disposal of hazardous waste may be imparted on quarterly basis and PPEs may be provided to the workers by the common hazardous waste disposal facility and the industries from time to time and the same may also be mentioned in the revised District Environment Plans.



## **9.6 E-Waste Management**

The recommendations made by the Monitoring Committee are as under:

- 1) **Punjab Pollution Control Board and Municipal Councils/ Corporations of the districts may complete inventory of e-waste generators/ bulk waste generators for e-waste at the earliest.**
- 2) **E-waste collection centers within MC area may be provided by all the Municipal Councils/ Corporations in consultation with PPCB by 31.12.2022. MCs may evolve mechanism to incentivize the public to encourage them to deposit e-waste at e-waste collection centers.**
- 3) **All the stakeholders/ Municipal Councils/ Corporations may identify authorized recycler/ dismantler/ processor of e-waste existing within the State or outside at the earliest and agreement may be made by stakeholders/ MCs with the authorized agency (recycler/ dismantler/ processor of e-waste) accordingly and stakeholders/ Municipal Councils/ Corporations may start sending e-waste collected at e-waste collection points to the authorized agency by 31.12.2022.**
- 4) **Punjab Pollution Control Board and Municipal Councils may jointly identify illegal e-waste recycling/ dismantling facilities and informal sectors dealing with e-waste at the earliest and these illegal e-waste recyclers/ informal sectors may be regulated to bring them into main stream with regard to management of e-waste by 31.12.2022.**

## **9.7 Air Quality Management**

During the meeting held with the District Level Officers of various districts of the State, the Monitoring Committee was informed that all the air pollution sources existing in the district have been identified and necessary pollution control measures have been taken to control air pollution from various sources of air pollution. Manual Ambient Air Quality Monitoring Stations have been installed in 20 districts including 01 continuous ambient air quality monitoring station each in four districts. In the remaining 3 districts namely Kapurthala, Moga and Tarn Taran, no ambient air quality monitoring stations have been set up. Air quality monitoring data is available on Punjab Pollution Control Board & CPCB websites. In major industrial towns like Ludhiana, Jalandhar, Amritsar, SAS Nagar, Ropar, Dera Bassi and Mandi Gobindgarh there is need to provide/ increase the number of Continuous Ambient Air Quality Monitoring Stations (CAAQMS). In non-attainment cities, district level action plans need to be prepared. Therefore, the Monitoring Committee recommends as under:

- 1) **Punjab Pollution Control Board shall ensure that all the air polluting industries/ sources of air pollution may have provided with adequate air pollution control systems to control air pollution from these sources.**
- 2) **The ambient air quality data ascertained from manual as well as continuous ambient air quality monitoring stations may be made available in public domain and may also be displayed at prominent places of the towns of the**



districts to make the public aware about the ambient air quality and AQI of the town.

- 3) Punjab Pollution Control Board may install new/additional Continuous Ambient Air Quality Monitoring Stations (CAAQMS) in the major industrial towns of the State to get the real time data of the town by 30.06.2023.
- 4) District level action plan may be prepared for all the non-attainment cities/towns at the earliest and the same may be monitored at District as well as State level.
- 5) Crop residue burning is one of the major source of air pollution in the State. Punjab Pollution Control Board may enhance the monitoring mechanism and take legal remedy to control burning of crop residue during harvesting season. Department of Agriculture may encourage the farmers to provide agriculture machinery of modern technology for in-situ remediation to stop burning of crop residue. For ex-situ management, biomass based power plants, ethanol manufacturing plants, other crop residue using industrial plant and other technologies under the guidance of CPCB may be set up in a time bound manner to ensure zero burning of crop residue in the harvesting season in the State.
- 6) All the concerned departments like PWD (B&R), MCs, DDPOs, Forest Department and PSIEC may provide plantation of suitable variety along highways, within MC areas/drains/Nallahs, industrial zones, ponds, legacy waste dump sites and vacant places in the upcoming season.
- 7) All berms of the roads and deep holes in the roads may be made pucca/repared by PWD (B&R) and MCs by 31.12.2022.

#### 9.8 Water Quality Management

The directions/recommendations w.r.t Water Quality Management are mentioned as under:

- i. The Monitoring Committee during the meeting held with the District Level Officers of various districts has observed that in some districts, inventory of water bodies is yet to be prepared and on the request of the Department of Irrigation and Rural Development & Panchayats, the timeline for the same was extended to 30.9.2022. The Monitoring Committee recommends that inventory of water bodies may be completed at the earliest.
- ii. Regarding rejuvenation of ground water, all the MCs and departments in various districts of the State have been directed to comply with order dated 1.6.2022 in OA no. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Oberoi Vs Union of India, wherein, it has been directed that harvesting of surplus water during excessive rains from any area of catchment may be optimized by enhancing the capacity of existing ponds/water bodies and setting up of additional water bodies/water harvesting structures wherever viable and creation of at least one pond/water bodies in every village to recharge ground water.



- iii. All MCs shall ensure the compliance of the condition mentioned in the approval letter while approving the building plans of houses having an area more than 250 Sq. Yard and commercial projects regarding providing the rainwater harvesting systems in all houses/commercial projects in a time bound manner.
- iv. MCs/District Administration of all districts shall start providing rain water harvesting system by utilizing the large roof area of the Govt. buildings/institutions by 31.12.2022 and rain water harvesting structures may be provided to inject roof rain water underground to recharge ground water.
- v. Regarding installation of Sewage Treatment Plants in various towns/cities of the State, 133 STPs of capacity 1836 MLD have been installed, 52 STPs of capacity 567.45 MLD are under construction and the same shall be completed by 31.12.2022. 32 STPs of capacity 69.9 MLD are at tendering stage and 26 STPs of capacity 97.5 MLD are at DPR stage. These STPs shall be completed by 31.12.2023.

The Monitoring Committee recommends that all the STPs, which are under construction, shall be completed by 31.12.2022 and the STPs which are at tendering stage as well as at DRP stage, shall be completed by 31.12.2023.

- vi. 14 in-situ bio remediation technology systems are in operation and 11 such systems are under construction.

The Monitoring Committee recommends that in-situ bio remediation technology systems may be completed by 31.3.2023.

- vii. The status of CETPs installed for treatment of industrial effluent is mentioned as under:

Sr. No	Name of CETPs	Compliance status
1.	0.5 MLD for electro-plating units, Ludhiana	compliant
2.	05 MLD for leather complex, Jalandhar	compliant
3.	0.035 MLD for vegetable tanning, Malerkotla	compliant
4.	15 MLD for Bahadur-ke-road dyeing industries, Ludhiana	Non-compliant
5.	40 MLD for Textile dyeing of Focal Point, Ludhiana	Non-compliant
6.	50 MLD for Textile dyeing of Tajpur road, Ludhiana	Non-compliant

The Monitoring Committee recommends that Punjab Pollution Control Board shall monitor the performance of all the CETPs as mentioned above on quarterly basis and necessary directions may be issued to the CETP operators to make all the CETPs compliant at all the times.

- viii. For treatment of animal dung generated by dairy complex at Tajpur road, Ludhiana, there is proposal to install bio CBG plant of capacity 6.4 TPD at



Tajpur road to handle 300 TPD animal dung. The project is likely to be completed by 30.11.2024.

- ix. For management of animal dung generated by Dairy Complex, Haibowal, Ludhiana, a biogas power plant of capacity 1 MW utilizing 180 TPD animal dung is in operation and the said plant is operating at 85 % of its capacity.
- x. For installation of ETPs for treatment of wastewater generated by dairy complex, Tajpur road, Ludhiana and Haibowal Dairy Complex, Haibowal, Ludhiana, 02 STPs of capacity 2.25 MLD (Tajpur road, Dairy Complex) and 3.75 MLD (Haibowal Dairy Complex) are under construction and the same shall be completed by 30.6.2023.
- xi. For setting up of biogas plant and effluent treatment plant for Jamsheer Dairy Complex, Jalandhar, Municipal Corporation, Jalandhar has mentioned that PEDDA has retendered the project for setting up of CBG plant of capacity of 12000 m<sup>3</sup> on BoO basis. The work has been allotted in October, 2020 and the plant is likely to be completed by 30.6.2024. Further, for setting up of 2.25 MLD ETP, work has been started and Effluent Treatment Plant may be completed by 30.6.2023.
- xii. Out of total 15466 rural ponds, 540 ponds have been rejuvenated and 568 ponds are under progress. Similarly, out of 249 urban ponds, 51 ponds have been rejuvenated and work is in progress in case of 46 urban ponds.

The Monitoring Committee recommends that all the rural ponds may be rejuvenated by 31.3.2025 in phased manner and urban ponds may be rejuvenated by 31.12.2023.

- xiii. In the data submitted by the Department of Soil & Water Conservation w.r.t laying of irrigation network to utilize treated sewage for irrigation, it has been mentioned as under:

- For utilization of treated sewage of 57 STPs of capacity 305 MLD in command area of 8327 hectares, irrigation network has been completed.
- The work of laying of irrigation network for utilization of treated sewage of 7 STPs of capacity 114 MLD in command area of 4015 hectares is under progress and the same shall be completed by 31.3.2023.
- For utilization of 378.5 MLD treated sewage of 30 STPs in command area of 13397 hectares, irrigation projects have been sanctioned and these shall be completed by 30.9.2023.
- In case of 12 STPs of capacity 1013 MLD mainly of Ludhiana, Jalandhar and Amritsar, irrigation schemes are not feasible due to thick populated area or non availability of command area for utilization of treated sewage of the said towns for irrigation.



- The Department of Soil and Water Conservation shall prepare irrigation schemes for utilization of treated sewage of the towns, whose STPs are under progress or at DPR stage may be prepared by 31.3.2023 and these may be implemented simultaneously with the commissioning of the STPs.

The Monitoring Committee recommends as under:

- i) Treated sewage of 57 STPs of capacity 305 MLD may be continued to utilize for irrigation in a command area of 8327 hectares.
- ii) The work of laying of irrigation network for utilization of treated sewage of 7 STPs of capacity 114 MLD in command area of 4015 hectares, may be completed by 31.3.2023.
- iii) For utilization of 378.5 MLD treated sewage of 30 STPs in command area of 13397 hectares, irrigation network may be completed by 30.9.2023.
- iv) For utilization of treated wastewater of STPs of Ludhiana, Jalandhar and Amritsar with total capacity 1013 MLD, irrigation schemes for each town may be prepared by 28.02.2023 and irrigation network for utilization of treated sewage of these towns may be completed by 30.09.2023.
- v) The Department of Soil and Water Conservation may prepare irrigation schemes for utilization of treated sewage of the towns, whose STPs are under progress or at DPR stage by 31.3.2023 and these may be implemented simultaneously with the commissioning of the STPs.

#### 9.9 Industrial Wastewater Management

The Monitoring Committee recommends as under:

- i. Punjab Pollution Control Board shall monitor the compliance of provisions of Water Act, 1974 by all the water polluting industries twice in a year and action against the violating industries may be taken under the provisions of said Act.
- ii. OCEMS in all the industries falling under 17 categories of industries and other industries as per CPCB guidelines may be installed by 31.12.2022.
- iii. Regarding installation of Electromagnetic Flow Meter (EMF) at inlet and outlet of ETPs of the industries, the Monitoring Committee has observed that most of the industries have installed Electromagnetic Flow Meters at outlet of ETPs and the industries are yet to install EMFs at inlet of ETPs.

Therefore, the Monitoring Committee recommends that PPCB may issue necessary directions to all the water polluting industries to install EMFs at inlet and outlet of ETPs by 31.12.2022.



### **9.10 Mining Activity Management**

The Monitoring Committee observed that out of total 23 districts of the State, mining activities exist in 12 districts and the Department of Irrigation has informed that surprise inspections of mining sites are carried out by the department to check the compliance of the conditions as mentioned in Mining Plan, Environment Management Plans and Environmental Clearance granted by SEIAA, Punjab/MoEF.

**The Monitoring Committee recommends that Department of Irrigation may monitor the compliance of the directions issued by the Hon'ble National Green Tribunal in its order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat), conditions imposed in Mining Plan, Environment Management Plans and Environmental Clearance granted by SEIAA, Punjab/MoEF and action against the defaulting mining lease holders may be taken as per the directions given by Hon'ble National Green Tribunal in the said order in a time bound manner.**

### **9.11 Noise pollution management**

Punjab Pollution Control Board informed that 01 noise level meter is available with each of its Regional Office and presently, noise level meters are available in all the 17 Regional Offices of the Board. The department of Police informed that no noise level meters are available with any of its office.

**The Monitoring Committee recommends as under.**

- 1. Punjab Pollution Control Board may procure at least 01 noise level meter for each district of the State by 31.12.2022. These noise level meters may be made available with each Regional Office of the Board for monitoring the ambient noise level in noise zones and salience/sensitive zones or for addressing any complaint w.r.t noise pollution in any area.**
- 2. The Department of Police may procure adequate number of noise level meters in each district of the State by 31.12.2022 to monitor the noise level of the area, where the complaints are received regarding creation of noise by any activity in the area.**

### **9.12 Management of waste in rural areas of the State: Compliance of order dated 8.2.2022 in OA no. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors**

The Monitoring Committee has observed that in most of the districts of the State, no progress report and action plan has been prepared for waste management (Solid Waste Management, Plastic Waste Management, C&D Waste Management, E-Waste Management), Water Quality Management, Sewage Management and Noise Pollution Management of villages of various districts by the District Development and Panchayat Officers.

**Therefore, the Monitoring Committee recommends that District Development and Panchayat Officer of each district may mention the progress made and prepare scheme/proposal for management of all the activities covering all the major**



activities like solid waste management, plastic waste management, C&D waste management, e-waste management, water quality management, sewage management and noise pollution management by 31.10.2022/31.12.2022 and the same may be mentioned in the revised District Environment Plans of the various districts of the State. These schemes may also be implemented in phased manner.

### **9.13 Other Environmental issues in the districts and compliance thereof**

#### **9.13.1 EPR of producers: Linkage with producers/ brand owners for management of plastic waste.**

As per District Environment Plans and discussion held with the District Level Officers of various districts of the State of Punjab, the Monitoring Committee has observed that most of the Municipal Councils/ Corporations have not identified the producers/ brand owners and extended producer responsibility of these brand owners has not been fixed.

**Monitoring Committee recommends that all MCs may identify producers/ brand owners, plastic waste processing facilities existing within or outside state by the earliest. These brand owners/ producers may be pursued to make agreement with plastic waste processing facilities for processing of plastic waste and plastic waste may be started sending by MCs/brand owners to the authorized plastic waste processing facilities by 31.12.2022.**

#### **9.13.2 Provision of green belt and boundary wall around the legacy waste dump sites.**

The Monitoring Committee has observed that most of the MCs have not provided boundary wall and green belt around the legacy waste dump sites. Some MCs have provided green belt and boundary wall in some part of the dump sites.

**The Monitoring Committee recommends that all MCs may provide green belt and boundary wall around the legacy waste dump sites before 31.12.2022.**

#### **9.13.3 Treatment of leachate generated from legacy waste dump site.**

Legacy waste dump sites exist in MCs area from the last many years, which have resulted into generation of leachate from the dumping of solid waste permanently at one place. The leachate collected at solid waste dumping site may become the source of groundwater contamination. Therefore, the treatment of leachate generated from legacy waste dump site is quite imperative due to presence of high organic load (BOD and COD) and toxic pollutants in the leachate. It may seep underground and contaminate the ground water.

**Therefore, the Monitoring Committee recommends that all MCs may install Effluent Treatment Plants for treatment of leachate generated at legacy waste dump site of each MC by 31.12.2022.**

#### **9.13.4 Carcass should be utilized by adopting rendering process or incineration and priority may be given to carcass utilization plants.**

It has been observed by the Monitoring Committee that in all the District Environment Plans, short term measures for management of carcass disposal sites like boundary wall, green belt/ plantation/ hedges have been proposed to be provided within the certain time frame but most



of the MCs/ village Panchayats have not taken short term measures for management of carcass disposal sites. For installation of rendering plant or incinerator at Municipal Corporation level or district level, proposals need to be prepared by the Department of Local Government/ District Administration.

**Therefore, the Monitoring Committee recommends as under:**

- i. For management of carcass disposal sites, short term measures like boundary wall and green belt/ plantation/ hedges may be provided by all MCs/ Village Panchayats before 31.12.2022.**
- ii. To take care of all the animal carcass of all the towns and villages of various districts, the Deputy Commissioner of the concerned district may hold meeting with Executive Officers of all MCs, Punjab Pollution Control Board, DDPO and other concerned departments at the earliest and a proposal for installation of rendering plant or incinerator at district level may be prepared and modern carcass utilization plant may be setup at district level by 30.06.2023/ 31.12.2023.**

**9.13.5 Management of Wastewater and Solid Waste by the unauthorized colonies/ residential complexes/ commercial complexes developed by private colonizers.**

It has been observed that number of illegal/ unauthorized colonies/ residential complexes/ commercial complexes have been developed by private colonizers and these unauthorized colonies have been left by the colonizers without providing sewerage network, Sewage Treatment Plants for treatment of domestic effluent and solid waste management plants (compost pits and Material Recovery Facilities). Therefore, these unauthorized complexes have become the source of contamination of ground water/ soil/ unhealthy environment in the area due to discharge of untreated sewage and solid waste in the area.

**Therefore, the Monitoring Committee recommends as under:**

- i. MCs and DDPO of the district may get install individual STPs and sewerage network for treatment of wastewater discharged by the unauthorized colonies/commercial complexes located within MC area and outside MC area, respectively by 31.03.2023.**
- ii. For management of wet waste and dry waste generated by these unauthorized colonies/ residential complexes/ commercial complexes existing within MC area, MCs may direct these unauthorized complexes to make agreement with suitable user charges to be paid to the concerned MC by unauthorized colonies/commercial complexes for collection, transportation and treatment of wet waste and dry waste by 31.12.2022.**
- iii. For management of wet waste generated by these unauthorized colonies/ residential complexes/ commercial complexes existing outside MCs area, DDPO may direct these unauthorized complexes to provide adequate number of compost pits to manage wet waste in their premises by 31.12.2022.**
- iv. For management of dry waste, unauthorized colonies/ commercial complexes existing outside MC area, may make agreement with suitable user charges**



**with concerned MC/Village Panchayats for collection, transportation and treatment of dry waste by 31.12.2022.**

#### **9.13.6 Removal of Garbage Vulnerable Points**

The Monitoring Committee has observed that though Municipal Councils/ Corporations have made efforts to remove garbage vulnerable points existing within MC area but number of garbage vulnerable points are still existing in the area.

**Therefore, the Monitoring Committee recommends that all the Municipal Councils/ Corporations of various districts of the State may identify Garbage Vulnerable Points existing within MC area and these Garbage Vulnerable Points may be removed and the vacated places after removal of Garbage Vulnerable Points may be converted into useful usage like sitting places, parks, green areas, play grounds etc. by 31.12.2022.**

#### **9.13.7 Framing policy for management of highly contaminated faecal sludge generated from the rural area**

The Monitoring Committee has observed that number of toilets have been constructed in the villages for the facilitation of the villagers to ensure the villages free from open defecation. There may be a problem of disposal of faecal sludge to be generated from the said facilities. Therefore, there is need to evolve technology/ frame policy for management of highly contaminated faecal sludge generated from rural area.

**The Monitoring Committee recommends that the State Government may evolve technology/ frame policy for management of highly contaminated faecal sludge generated from rural area by 31.12.2022.**

#### **9.13.8 Waste transfer points/ secondary points**

It has been observed that most of the Municipal Councils/ Corporations are maintaining waste transfer points/ secondary points to store the solid waste temporary at these points after collecting solid waste from door to door in congested areas till its final disposal to wet waste and dry waste management facilities. These waste transfer points/ secondary points create public nuisance and give ugly view to the public/passersby. There is need to provide boundary wall and green belt/plantation around these waste transfer points/ secondary points or alternatively compartmentalized tractor trolleys on rotation basis may be stationed at these points to transfer the segregated wet and dry waste to the solid waste management sites.

**The Monitoring Committee recommends that Municipal Councils/ Corporations may station compartmentalized tractor trolleys on rotation basis at waste transfer points/secondary points and wet and dry waste collected in these compartmentalized tractor trolleys may be transferred to compost pits and material recovery facilities, respectively, on rotation basis.**

#### **9.13.9 Stopping the entry of solid waste/ garbage into drains/ nallahs/ rivers**

Solid waste/garbage flow into rivers through drains/ nallahs, may contaminate the water quality of the rivers. There is need to remove the solid waste lying dumped on the bank of drains/ nallahs or into these drains/ nallahs.



**The Monitoring Committee recommends as under:**

- i. All the MCs may remove solid waste lying dumped along drains/ nallahs passing within MC area on quarterly basis and the solid waste so collected may be sent to the solid waste management sites.
- ii. Department of Rural Development and Panchayat and Department of Irrigation may remove solid waste lying dumped along drains/ nallahs existing outside MC area on quarterly basis and the solid waste so collected may be sent to the solid waste management sites.
- iii. Screens/wire mesh may be installed by Municipal Councils/ DDPO at the inlet of the drains/ nallahs to retain the solid waste so as to restrict the entry of solid waste into rivers/ water bodies by 31.12.2022.

**9.13.10 Information, Education and Communication (IEC) activities and involvement of NGOs/ RWAs/ public participation**

The Monitoring Committee has observed that the involvement of NGOs/RWAs to conduct IEC activities and bring awareness among the public about various activities to manage solid waste is quite imperative. The representatives of all the MCs assured in the meetings that NGO's existing in their area shall be identified and services of NGOs/RWAs shall be utilized to bring awareness among the public about management of solid waste.


**The Monitoring Committee recommends that all MCs may identify NGOs/RWAs/SHGs existing in their area and these NGOs/RWAs/SHGs may be involved in various activities of solid waste management.**

**9.13.11 Setting up of real time water quality monitoring stations in drains/nallahs**

Presently, treated/untreated sewage of most of the towns is discharged into drains/ nallahs and ultimately into river system and contaminating its water quality.

**The Monitoring Committee recommends that Punjab Pollution Control Board may set up adequate number of real time water quality monitoring stations in all the drains/nallahs carrying treated/untreated sewage into river system by 30.6.2023.**

**9.13.12 Reduction in water utilization by the inhabitants of the towns/cities.**

 The Monitoring Committee observed that all the STPs are designed and installed on the basis of discharge of wastewater generated on the consumption of water @ 135 lpcd. However, in most of the towns of the State, the water about 200-250 lpcd is supplied. The excess use of water by the inhabitants has made the STPs inadequate and most of the districts have become over exploited. Therefore, there is dire need to reduce the consumption of water by the inhabitants of the towns/cities. For this purpose, flow meters are required to be installed at the various locations on water supply network to ensure the restricted supply of water to the public or policy need to be framed for supplying restricted quantity of water to the inhabitants of the area.



The Monitoring Committee recommends that all MCs may install flow meters at the appropriate locations on water supply network to ensure the restricted supply of water @ 135 lpcd to the public by 31.12.2024 in phased manner. Also, the State Government may frame policy for supplying restricted quantity of water to the inhabitants of the various area. Metering system to measure the quantity of groundwater withdrawal may be set up by the individuals to ensure the restricted withdrawal of groundwater @ 135 lpcd.


In the case of industries, minimum withdrawal of groundwater as per requirement may be made. For excess use of groundwater by the industries, heavy water cess may be imposed on the concerned industry.

**9.13.13 Usage of treated wastewater of STPs of the State for landscaping, flushing, firefighting, construction activities, gardening, Industrial Estates, Automobile establishments, washing of vehicles, railway yards and sprinkling purposes during sweeping of roads.**

It has been observed that there is lot of scope for use of treated wastewater of STPs for various activities such as landscaping, flushing, firefighting, construction activities, gardening, Industrial Estates, Automobile establishments, washing of vehicles, railway yards and sprinkling purposes during sweeping of roads.

The Monitoring Committee recommends that the treated wastewater of STPs, conforming to the prescribed standards, may be utilized for landscaping, flushing, firefighting, construction activities, gardening, Industrial Estates, automobile establishments, washing of vehicles, railway yards and sprinkling purposes during sweeping of roads and no fresh water may be allowed to use for the said activities.

**9.14 Other conclusions and recommendations**

- 
- i) Most of the Municipal Councils/Corporations and other concerned departments could not complete the various activities w.r.t. each thematic area within the timelines as mentioned in the District Environment Plans. Therefore, based on the requests made by the Municipal Councils/Corporations/ other concerned departments, timeline to complete the various activities in the case of some of the MCs was extended up to 30.6.2022/31.8.2022, whereas, in case of other MCs, the timeline was extended upto 30.9.2022/31.12.2022 and in two Municipal Councils/Corporations (MC Ludhiana and Jalandhar), the timeline was extended upto 31.3.2023. As such, in the overall conclusions and recommendations part of the final report, as mentioned in para no. 9.0 and its subsequent sub-paras 9.1 to 9.13, the recommendations for completing the various activities have been mentioned as 30.6.2022/31.8.2022/30.9.2022/31.12.2022/31.3.2023/30.6.2023.
  - ii) The State Government may fix the accountability of officers, who have failed to deliver results despite the availability of physical and financial resources.



- iii) The Monitoring Committee is submitting its final report based on the discussion held with District Level Officers of various districts of the State of Punjab w.r.t. various activities as mentioned in the District Environment Plans of various districts, data/information collected from various departments and site visits made by the Monitoring Committee. It is mentioned here that after the order dated 8.2.2022 in OA no. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Ors, the Monitoring Committee started the monitoring of execution of District Environment Plan of each district through online process, site visits and physical meetings with District Level Officers of each district and observed that the concerned authorities were lacking in completing the activities under various thematic areas well in time as mentioned in each District Environment Plan.

  
Dr. Babu Ram

  
Sant Balbir Singh Seechewal

  
Subodh Agrawal

  
Justice Jasbir Singh  
Former Judge,  
Punjab & Haryana High Court and  
now as Chairman of the Monitoring  
Committee.



Item No. 05

(Court No. 1)

**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI**

(By Video Conferencing)

Original Application No. 360/2018  
(SLP (Civil) No. 2959/2014)

Shree Nath Sharma

Applicant

Versus

Union of India & Ors.

Respondent(s)

Date of hearing: 08.02.2022

**CORAM: HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON  
HON'BLE MR. JUSTICE SUDHIR AGARWAL, JUDICIAL MEMBER  
HON'BLE DR. NAGIN NANDA, EXPERT MEMBER  
HON'BLE DR. AFROZ AHMAD, EXPERT MEMBER**

Respondent: Mr. Mukesh Kumar, Advocate with Ms. Youthika Puri, Scientist - D for  
CPCB

**ORDER**

1. Issue for consideration is desirability of District Environment Plans in terms of Articles 243 G, 243 W, 243 ZD, read with 11<sup>th</sup> and 12<sup>th</sup> Schedules to the Constitution of India, to be operated by the District Planning Committee under article 243ZD and based thereon State Environment Plans and also National Environment Plan to help protection of environment, public health and environmental rule of law in the country.

2. Though the matter which came up before the Tribunal initially concerned pollution of Sujanganga River at Bharatpur in Rajasthan, in proceedings received on transfer of from the Rajasthan High Court, later, vide order dated 26.09.2019, scope of proceedings was extended to existence of a District Environment Plan with relevant data of thematic



areas and plans to mitigate the challenges relating to the environment in the District. Earlier, vide order dated 15.07.2019 in O.A. No. 710/2017, the Tribunal had directed preparation of consolidated District Environment Plans in all Districts covering specific thematic areas, mentioning current status, identified gaps and targeted compliance level. Based on such plans, there could be State Environment Plans and finally a National Environment Plan. This could go long way in protection of environment. Relevant part of the said order is reproduced below:-

“6. This Tribunal in O.A. No. 606/2018, while dealing with the compliance of Municipal Solid Waste Management Rules, 2016 also flagged other issues and required monitoring at the level of the Chief Secretaries and the District Magistrates. **The Chief Secretaries of all the States/UTs have appeared before this Tribunal, including the Chief Secretary of State of Rajasthan and directions have been issued for continuous monitoring and filing of further reports.**

7. Vide order dated 12.09.2019, while fixing a schedule for further appearance of the Chief Secretaries of all the States/UTs, direction has been issued to compile information with reference to the following specific thematic areas viz.:

- Compliance to Solid Waste Rules including Legacy Waste.
- Compliance to Bio-medical Waste Rules.
- Compliance to Construction & Demolition Waste.
- Compliance to Hazardous Waste Rules.
- Compliance to E-waste Rules.
- 351 Polluter Stretches in the country.
- 122 Non-attainment cities.
- 100 industrial clusters.
- Status of STPs and re-use of treated water.
- Status of CETPs/ETPs including performance.
- Ground water extraction/contamination and re-charge.
- Air pollution including noise pollution.
- Illegal sand mining.
- Rejuvenation of water bodies.

8. Such information is to be furnished to the CPCB by the Chief Secretaries of all the States/UTs indicating:

- Current status
- Desirable level of compliance in terms of statutes.
- Gap between current status and desired levels.
- Proposal of attending the gap with time lines.



- Name and designation of designated officer for ensuring Compliance to provisions under statute.

9. Since CPCB is to file updated report by 15.11.2019, the Chief Secretaries of all the States/UTs may furnish such information by 31.10.2019.

10. We may also refer to order dated 15.07.2019 in O.A. No. 710/2017, Shailesh Singh vs. Sheela Hospital & Trauma Centre, Shahjahanpur & Ors. directing as follows:

*"We find it necessary to add that in view of Constitutional provisions under Articles 243 G, 243 W, 243 ZD read with Schedules 11 and 12 and Rule 15 of the Solid Waste Management Rules, 2016, it is necessary to have a District Environment Plan to be operated by a District Committee (as a part of District Planning Committee under Article 243 ZD) **with representatives from Panchayats, Local Bodies, Regional Officers, State PCB and a suitable officer representing the administration, which may in turn be chaired and monitored by the District Magistrate. Such District Environment Plans and Constitution of District Committee may be placed on the website of Districts concerned. The monthly report of monitoring by the District Magistrate may be furnished to the Chief Secretary and may be placed on the website of the District and kept on such websites for a period of one year. This may be made operative from 1.08.2019. Compliance of this direction may also be seen by the Chief Secretaries of the States/UTs. This may not only comply with mandate of law but provide an institutional mechanism for effective monitoring of environment norms.**"*

11. To facilitate preparation of such District Environment Plan, **it will be appropriate that CPCB prepares a Model/Models and places the same on its website which may be adopted with suitable changes as per local requirements for all Districts in the country and monitored by the Chief Secretaries with reports to the Tribunal in O.A. No. 606/2018.**

12. **The Department of Environment of all States and Union Territories may collect such District Environment Plans of their respective States and finalize the 'State Environment Plan' covering the specific thematic areas referred in Para-7 including information as contained in Para-8 and template of Model/Models District Environment Plan provided by the CPCB. The action for preparation of State's Environment Plan shall be monitored by the respective Chief Secretaries of States and Administration of UTs. Let this action be completed by 15.12.2019 and compliance be reported to the Tribunal by 31.12.2019.**



**13. Based on States and UTs Environment Plans, MoEF&CC and CPCB shall prepare country's Environment Plan accordingly. Let the Secretary, MoEF&CC and Chairman, CPCB steer the preparation of country's Environment Plan. Let their action be completed by 31.01.2020 and compliance be reported to the Tribunal by 15.02.2020."**

3. After passing first order dated 15.7.2019, referred to above, the matter has been reviewed by the Tribunal thrice earlier in the last two years - 19.03.2020, 29.01.2021 and 05.07.2021 in the light of reports about compliance status filed by CPCB dated 14.02.2020, 28.01.2021 and 02.07.2021. Operative part of the orders passed on the said occasions are:-

**19.03.2020**

**"5. While we note the steps taken, completion of environmental plans in terms of order of this Tribunal cannot be unduly delayed having regard to implications of such steps for protection of environment and public health. Some of the handicaps pointed out can be overcome by pro-active role of CPCB in ensuring preparation of at least one model District Environment Plan in every State in the first instance which can thereafter be replicated for all the Districts in the States/UTs and so on. For this purpose, State PCB and concerned District Magistrate may assist the CPCB. This step may be completed by simultaneous initiative in all the States within three months. In the last nine months, some work may have already been done in the States/UTs. Thus, it should be possible to finalize a model action plan at least for one District each in all States/UTs in the next three months. Thereafter, the exercise may be replicated with regard to all the Districts followed by State Environmental Plan and then a National Environmental Plan in further three months. CPCB is at liberty to utilize compensation funds and involve any individuals/organizations in the process. This exercise will be without prejudice to monitoring mechanism in terms of earlier directions. Wherever exercise has been completed and found to be satisfactory, further steps for execution may be taken accordingly. Status report of progress in this regard may be furnished before the next date by email at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in)."**

**20.09.2021**

**"5. xxx.....xxx.....xxx**

**(iii.) As per the assessment made by CPCB, it is observed that District / UT Environment Plan prepared by Chandigarh, UT Environment Department is satisfactory, as it covers all thematic areas including**



*action plan along with timelines for respective implementing agencies. Further, the State Environmental Plan (SEP) prepared by West Bengal State is also satisfactory, wherein the district level plans and action points are comprehensively addressed.*

#### **5. Proposed Follow-up Action**

- (i) Since State have already prepared 220 DEPs, it is submitted that, these plans may be implemented by respective States after verification to ensure all the thematic points are adequately covered as per data templates and time-bound action plans are identified with respective agencies at District and State level. These Plans also need to be integrated with State Environment Plans. State may also take help of any expert agency or institution to streamline all DEPs. Adequate budgetary provision may be made by States for preparation of DEPs and SEPs.*
- (ii) 5 selected DEPs for 5 Districts namely Baharaich, UP; Bokaro, Jharkhand; Pune, Maharashtra; Chamrajnagar, Karnataka; and Panchkula, Haryana to be verified and improved by CPCB in 03 months and the same may be shared with every State and UT as model DEPs for information and reference of other Districts.*
- (iii) States namely Andaman and Nicobar Islands, Telangana, Uttarakhand, Arunachal, Mizoram and Sikkim, including the other States who have not yet completed DEPs all Districts may complete the same in time bound manner."*

6. We have perused the report filed by the Oversight Committee for the State of UP, giving the compliance status in UP, which is on same lines as the report of the CPCB.

7. From the above, it is seen that out of 739 Districts, DEPs have been prepared in 220 Districts, out of which CPCB has data for 115 Districts. CPCB has selected five representative models having regard to social and geographical considerations.

8. In view of above, having regard to the significance of the issue and inadequate progress, **we direct the Chief Secretaries of all the States/UTs to oversee and monitor compliance by the concerned District Magistrates for preparing the requisite plans and execute the plans already prepared. Further steps for preparation and execution of State and National plans may**



also be taken in the interest of scientific and effective protection of environment and public health.

9. *Vide orders dated 22.01.2021 in OA 916/2018, Sobha Singh & Ors. vs. State of Punjab & Ors. and OA 496/2016, Tribunal on its own motion vs. Govt. of NCT of Delhi & Ors., we have requested the Monitoring Committees, constituted by this Tribunal for certain environmental issues in Punjab and Delhi, to oversee compliance of preparation and execution of DEPs in Punjab and Delhi and furnish compliance status as on 31.3.2021.*

10. *We make similar request to the Monitoring Committee in UP, headed by Justice SVS Rathore, a former Judge of Allahabad High Court, the Oversight Committee for compliance of directions of this Tribunal for rejuvenation of river Ghaggar, headed by Justice Pritam Pal, former Judge of the Punjab and Haryana High Court to oversee compliance on this aspect for Haryana, the Committee headed by Justice Prakash Tatia, former Chief Justice of Jharkhand High Court, for compliance in Rajasthan, Justice B.C. Patel, former Chief Justice, Delhi High Court for compliance in Gujarat, Justice V.M. Kanade, former Judge, Bombay High Court, who has earlier monitored compliance of certain directions of this Tribunal relating to environmental issues, for compliance in Maharashtra. They may send status report as on 31.3.2021 by 15.4.2021. For all other States/UTs, the Chief Secretaries concerned may conduct such oversight and furnish the status of compliance as on 31.03.2021 to CPCB. CPCB may file a consolidated report before this Tribunal on or before 30.04.2021 by e-mail at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) preferably in the form of searchable PDF/OCR Support PDF (and not in the form of Image PDF). State PCBs may also provide necessary assistance in coordination."*

**05.07.2021**

"1to12...xxx.....xxx.....xxx

13. *As already noted, it is the Constitutional obligation of the States/UTs to ensure compliance of the mandate under Articles 243 G, 243 W and 243 ZD read with 11<sup>th</sup> and 12<sup>th</sup> Schedules. Clean environment is part of right to life under Article 21 of the Constitution and also fundamental in governance under Articles 37 read with 47 and 48A. Environment is also a subject covered by the definition of disaster under Section 2(b) of the Disaster Management Act, 2005. Thus, effective administrative machinery equipped to deal with the matter is required at all levels. The existing machinery should be able to meet the challenge and should be revamped from time to time. **As repeatedly observed by this Tribunal, degradation of air, water and soil cause large number of deaths and diseases, apart from loss of livelihood. Environment find prominent mention in the "Sustainable Development Goals" (SDGs) which are planned and coordinated at international levels also. Appreciable initiatives taken include Swachh Bharat Mission, Clean water, restoration of water bodies - ponds, rivers, lakes, protection of eco-sensitive zones but success depends on vibrant monitoring.***



*The reports discussed above are not re-assuring. There seems to be huge gap in responsibility entrusted to the authorities and action on the ground, as shown by the reports quoted earlier. Damage to the environment is a criminal offence under various statutes. Deaths and diseases attributable to non-compliance of environmental norms cannot be disputed but adequate remedial action remains to be seen. Effect of deaths and diseases due to pollution is no less than homicides or hurts to human beings. Major failure of State authorities in compliance of waste management norms, which management is vested in the State authorities but no accountability is fixed for such failures. Such unsatisfactory state of affairs needs to be checked by involvement of senior functionaries in the Government, committed to the welfare of citizens, the Constitution and the Rule of law. We hope the concerned authorities will not fail the citizens. Remedies need to be provided at grassroot level with as high priority as opening of primary health centres or police stations for protection of basic right to clean environment, health and hygiene. This requires identification of challenges at every level, starting from Panchayat level upto the national level. The identified issues need to be compiled and placed in public domain which may help in public participation which is a recognized strategy for protection of the environment.*

14. *The 73<sup>rd</sup> and 74<sup>th</sup> amendments to the Constitution covering the requirement of having a plan for protection of environment upto Panchayat level, coming in force in the year 1993 which, consistent with the international conventions, including the Stockholm and Rio conferences, to which India is a party, seek to promote protection of environment at the grass root level. It is a matter of regret that the mandate of law remains practically dead letter when even after 28 years, such plans are not in place at many places and where plans have been prepared, the same are incomplete. As found by the Oversight Committees in the reports quoted above, such plans must clearly identify the challenges in terms of gaps in current status of environment and desirable situation and compliance status to be achieved. Making of plans is only a first step which will not by itself be complete unless there are budgetary provisions, timelines and effective monitoring mechanism. There has to be flow of information from the lowest level upto the national level to enable making of appropriate policies and also flow of directions/guidelines from the national level upto the Panchayat level based to help tackling the complex issues and suitable -holding. It is only based on grass root level information and plans that an effective and meaningful State level plan and thereafter national level plan can be prepared. This is not merely a wish but the Constitutional mandate and situational imperative as shown by factual situation depicted in orders of this Tribunal dealing with the situation.*

15. *There is dire need for compiling information on vital environmental issues and planning to address the gaps in compliances. Current monitoring is inadequate. In OA No. 95/2018, Aryavart Foundation v. M/s Vapi Green Enviro Ltd. & Ors., vide order*



dated 05.02.2021, this Tribunal considered the status of performance of statutory regulators – State PCBs, based on consolidated report of the CPCB and found the situation far from satisfactory. The Tribunal also noted challenges posed by pollution due to violation of environmental norms. The Tribunal concluded:

**“10. We have given due consideration to the report, which shows startling state of affairs tested on the touchstone of ‘Sustainable Development’ principle, accepted in Stockholm conference and which has been held to be part of right to life under article 21 of the Constitution in Vellore Citizens’ Welfare Forum v. Union of India, (1996) 5 SCC 647.**

**11. Some of the significant observations include failure to fill up key positions, to acquire necessary equipment, to arrange continuous training, to prepare State Environment policy, to specify industries-siting criteria, making inventory of grossly polluting industries, not specifying standards of inlet to the CETPs and hazardous waste, inaction against identified polluters, taking steps for bridging gaps in law and enforcement with regard to liquid and solid waste (of different kinds), including non-functional and noncompliant ETSPs, STPs and CETPs, inadequate monitoring of environmental compliance in Class II towns and coastal areas, failure to compile and analyse data and filing annual reports, inefficiency shown by inaction against serious violations of environmental norms. Needless to say that such sorry state of affairs is reflection of poor governance, making environmental rule of law far from reality.**

**12. The environmental law principles, which this Tribunal is mandated to apply under sections 20 and 15 of the NGT Act, 2010, are – ‘sustainable development’, ‘precautionary’ and ‘polluter pays’. In Hanuman Laxman, (2019) 15 SCC 401, (paras 142-156), significance of environmental rule of law has been highlighted to achieve sustainable development goals for prosperity, health and well being. This requires filling of gap between law and enforcement. In T.N. Godavarman Thirumulpad v. Union of India, (2002) 10 SCC 606, at page 621, it was observed that the State has to**

**“forge in its policy to maintain ecological balance and hygienic environment. Article 21 protects right to life as a fundamental right. Enjoyment of life and its attainment including the right to life with human dignity encompasses within its ambit, the protection and preservation of environment, ecological balance free from pollution of air and water, sanitation without which life cannot be enjoyed. Any contra acts or actions would cause environmental pollution. Therefore, hygienic environment is an integral facet of right to healthy life and it would be impossible to live with human dignity without a humane and healthy**



**environment.** Environmental protection, therefore, has now become a matter of grave concern for human existence. Promoting environmental protection implies maintenance of the environment as a whole comprising the man-made and the natural environment. Therefore, there is constitutional imperative on the Central Government, State Governments and bodies like municipalities, not only to ensure and safeguard proper environment but also an imperative duty to take adequate measures to promote, protect and improve the man-made environment and natural environment.”

13. In *A.P. Pollution Control Board v. Prof. M.V. Nayudu*, (1999) 2 SCC 718, at page 732, it was observed “..**Good governance is an accepted principle of international and domestic laws. ....It includes the need for the State to take the necessary “legislative, administrative and other actions” to implement the duty of prevention of environmental harm...**”. In *Techi Taga Tara*, supra, the Hon’ble Supreme Court referred to several Committees on **need for revamping the regulatory bodies by appointing persons of outstanding ability and high reputation to the State PCBs and equipping them with laboratories and other equipment for performing statutory functions.** Apart from the Tribunal being approached under sections 14 and 15 by aggrieved parties, pointing out degradation of environment and inaction of the statutory regulators, the Hon’ble Supreme Court has required this Tribunal to monitor compliance of such statutory obligations for protecting environment. This is not possible unless the statutory regulators are effective. Significant issues so referred by the Hon’ble Supreme Court include a) liquid waste management, (2017) 5 SCC 326, *Paryavaran Suraksha vs. Union of India & Ors.* wherein it was directed that requisite STPs, ETPs, CETPs must be set up by 31.3.2018, failing which coercive measures may be taken against concerned authorities, to enforce statutory mandate of the Water (Prevention and Control of Pollution) Act enacted in 1974, prohibiting any water pollution, making it a criminal offence. b) compliance of solid waste management rules. Vide order dated 2.9.2014 in WP 888/1996, *Almitra H. Patel Vs. Union of India & Ors.* on the file of the Supreme Court, the issue has been referred to this Tribunal for monitoring compliance of Solid Waste Management Rules. c) In (2015) 12 SCC 764, *MC Mehta v. UOI*, issue of rejuvenation of Ganga stands referred to this Tribunal. d) Vide order dated 24.7.2017 in WP 725/1994, ‘And quite flows Yamuna’, rejuvenation of Yamuna stands referred to this Tribunal. It is not necessary to refer to several other orders. Finding that statutory regulators were not effective and serious damage was continuing, the Tribunal has appointed independent monitoring Committees<sup>1</sup> on several issues.

<sup>1</sup> To monitor compliances with regard to:

- (i) River Ghaggar in OA No. 138/2016 (TNHRC), *Stench Grips Mansa’s Sacred Ghaggar River*
- (ii) River Sutlej in OA 916/2018, *Sobha Singh v. State of Punjab & Ors.*
- (iii) River Yamuna in OA 06/2012, *Manoj Mishra v. UOI & Ors.*
- (iv) River Musi in OA 426/2018, *Mohammed Nayeem Pasha & Anr. v. State of Telangana & Ors.*



In substance, monitoring of the enacted environmental laws including the Water Act, Air (Prevention and Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986 and Rules framed thereunder needs to be reviewed and made effective in the interest of protection of environment and public health. This is not possible unless the regulatory bodies are duly manned and equipped and function efficiently. The report shows that it is not happening and there are huge gaps. With such gaps, it is only a dream to expect clean environment – fresh water or fresh air. Irreversible degradation of environment is bound to result in avoidable deaths and diseases and loss of scarce and good quality water, air and soil and biodiversity.

14. The findings in the report showing gaps resulting in large scale non-compliances in enforcement of environmental laws are supported by observations of this Tribunal, which include the following:

- (I) OA 593/2017, *Paryavaran Suraksha Samiti & Anr. vs. Union of India & Ors.*<sup>2</sup>, involves monitoring of liquid waste management in terms of orders of the Hon'ble Supreme Court in (2017) 5 SCC 326. We have found that as a result of continuing failure of the statutory authorities to ensure compliance, industrial as well as municipal liquid waste is being discharged **resulting in pollution of groundwater as well as surface water, including water bodies, drains, streams, rivers and coastal areas. The Tribunal has noted that as per data compiled by the CPCB, 351 river stretches are declared polluted. Comprehensive Environment Pollution Index (CEPI) prepared by the CPCB shows that 100 industrial clusters are polluted.** The Tribunal is also dealing with the remedial action for restoration of the 351 stretches in OA 673/2018<sup>3</sup>, *In Re: News item published in "The Hindu" authored by Shri Jacob Koshy, titled "More river stretches are now critically polluted: CPCB"* for which the Tribunal has directed **preparation and execution of action plans for each of such stretches by constituting River Rejuvenation Committees (RRCs) for all States/UTs headed by Environment Secretaries which action needs to be overseen by the Chief Secretaries at the State level and by a Central Monitoring Committee (CMC) headed by Secretary, Jal Shakti alongwith NMCG and CPCB at the national level.** OA 829/2019<sup>4</sup>, *Lt. Col. Sarvadaman Singh Oberoi v. Union of India & Ors.*

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- (v) River Ganga in OA 200/2014, *M.C. Mehta v. Union of India & Ors.*
  - (vi) River Jojari in OA 329/2015, *Gram Panchayat Araba v. State of Rajasthan & Ors.*
  - (vii) CETP in Taloja District in OA 125/2018, *Arvind Pundalik Mhatre v. Ministry of Environment, Forest and Climate Change & Ors.*
  - (viii) District Environment Plan in OA 360/2018 *Shree Nath Sharma v. Union of India & Ors.*
  - (ix) 'Rat Hole' coal mining in OA 110(THC)/2012, *Threat to Life Arising Out of Coal Mining in South Garo Hills District v. State of Meghalaya & Ors.*
  - (x) Solid waste management rules in OA 606/2018, *Compliance of Municipal Solid Waste Management Rules, 2016 and other environmental issues.*

<sup>2</sup> Vide order dated 21.09.2020

<sup>3</sup> Vide order dated 21.09.2020

<sup>4</sup> Vide order dated 21.09.2020



deals with the remedying of coastal pollution for which directions have been issued on the same pattern for preparation and execution of action plans by the RRCs to be overseen by the Chief Secretaries at the State level and by the CMC at the national level. The same order also deals with utilisation of treated water, being OA 148/2016, Mahesh Chandra Saxena vs South Delhi Municipal Corporation & Ors. and OA 325/2015<sup>5</sup>, Lt. Col. Sarvadaman Singh Oberoi v. Union of India & Ors., dealing with the issue of restoration of water bodies by removing encroachments and preventing pollution has been dealt with by this Tribunal. OA 176/2015, Shailesh Singh v. Hotel Holiday Regency, Moradabad & Ors.<sup>6</sup>, the Tribunal has directed monitoring of groundwater extraction to give effect to the mandate in Hon'ble Supreme Court judgment in M.C. Mehta v. Union of India & Ors. (1997) 11 SCC 312.

- (II) Apart from water pollution, air pollution the issue air pollution has been dealt with by this Tribunal by separate order in OA 681/2018<sup>7</sup>, News item published in "The Times of India" Authored by Shri Vishwa Mohan titled "**NCAP with multiple timelines to clean air in 102 cities to be released around August 15**" requiring constituted **Air Quality Monitoring Committees in all States/UTs to prepare and execute action plans for control of air pollution in 122 non-attainment cities (where air quality is normally beyond the prescribed norms).**
- (III) The issue of solid waste management has been dealt with by this Tribunal in OA 606/2018 in pursuance of directions of the Hon'ble Supreme Court in Writ Petition No. 888/ 1996, Almitra H. Patel & Anr. v. Union of India & Ors. In the said matter, the Chief Secretaries of all States/UTs were required to remain present before this Tribunal<sup>8</sup> and after interaction with them, separate orders for all States/UTs referring to the individual issues in such States/UTs,<sup>9</sup> particularly **issue of legacy waste dump sites and remediation of current waste on scientific basis were dealt with and the Chief Secretaries were directed to monitor compliance every month by creating a monitoring cell, directly under them, in terms of directions of the Hon'ble Supreme Court and the District Magistrates monitoring such compliances every fortnight. It has been found that there are more than 3000 dump sites where legacy waste has accumulated over the years but the remedial action has not been taken except at very few places. This is resulting in water and air pollution and soil degradation on continuous basis, to the detriment of the environment and the public health. The statutory timelines have come to an end. Reference is made in this regard also to order dated 29.01.2021 in OA No. 519/2019,**

<sup>5</sup> Vide order dated 18.11.2020

<sup>6</sup> Vide order dated 20.07.2020

<sup>7</sup> Vide order dated 21.08.2020

<sup>8</sup> Vide order dated 16.01.2019

<sup>9</sup> Vide order dated 18.07.2019 (last such order is in respect of Jammu & Kashmir)



*In re: News item published in "The Times of India" Authored by Jasjeev Gandhiok & Paras Singh Titled "Below mountains of trash lie poison lakes" and order dated 28.02.2020 in OA No. 606/2018, Compliance of Municipal Solid Waste Management Rules, 2016. It was directed, vide order dated 10.01.2020, that compensation will be payable for failure to comply with the requirement of taking steps mentioned in Rule 22 of the SWM Rules, 2016 at scales mentioned therein, depending on the size of local bodies, from 01.04.2020 till compliance. Compensation was also directed to be recovered at the laid down scale for delay in commencing and completing the legacy waste remediation measures.*

- (IV) With regard to **bio-medical waste**, the matter has been dealt with in OA 710/2017, Shailesh Singh, v. Sheela Hospital & Trauma Centre, Shahjahanpur & Ors.<sup>10</sup>, with regard to **hazardous waste**, matter has been dealt with in OA 804/2017, Rajiv Narayan v. Union of India & Ors.<sup>11</sup>, with regard to **e-waste**, matter has been dealt with in OA 512/2017, Shailesh Singh v. State of UP<sup>12</sup>, with regard to **plastic waste**, matter has been dealt with in EA 13/2019 in OA 247/2017, Central Pollution Control Board v. State of Andaman & Nicobar & Ors.<sup>13</sup> for laying down liability to pay compensation for non-compliance.

15. The failure of monitoring has been found to have direct nexus to atleast 10 industrial accidents <sup>14</sup> which have taken place in the recent past which have been dealt with by this Tribunal.

16. Vide order dated 03.02.2021 in OA No. 85/2020, **Yashyashvi Rasayan Pvt. Ltd.**, the Expert Committee, appointed to suggest means to prevent disasters, recommended strengthening the monitoring mechanism by making appointments against all vacant posts to ensure that onsite and offsite emergency plans are in place and mock drills take place, to prevent any such incidents and medical facilities are available at the nearest point in case such incident takes place to save lives of the victims. This aspect has also been dealt with vide order dated 01.02.2021 in OA No. 837/2018, Sandeep Mittal v. Ministry of Environment, Forests & Climate Change & Ors. on the subject of monitoring the EC conditions.

17. As earlier observed, damage to environment is directly linked to the public health and neglecting compliance of environmental norms results in deaths and injuries. Violation of environmental norms needs to be taken as seriously as preventing crimes of homicides and assaults. It is more serious as the victims may be wide spread and unidentified. The consequences may even affect future generations. The

<sup>10</sup> Vide order dated 18.01.2021

<sup>11</sup> Vide order dated 29.01.2021

<sup>12</sup> Vide order dated 15.01.2021

<sup>13</sup> Vide order dated 08.01.2021

<sup>14</sup>



**compliance status is directly linked to effectiveness of monitoring which requires that the key office bearers of statutory regulators and oversight bodies are qualified, competent and reputed and exclusively dedicated to such work, instead of devoting part time, while simultaneously holding other positions. ....Adequate and well-equipped laboratories and effective machinery for implementation of "Polluter Pays" principle for assessment and collection of compensation is another important aspect of environmental governance.**

18. It is seen that several State PCBs do not even have constraint of funds. Still, the requisite manpower and the equipment are not being arranged. **Moreover, due application of "Polluter Pays" principle, in exercise of regulatory powers under the Air, Water and EP Acts to compensate the environment, enables them to have requisite funds for hiring experts, installing monitoring equipment and taking other remediation and restoration measures, including restoration of contaminated sites.** The quality and quantity of key manpower cannot be compromised, if environmental governance is to improve to achieve the sustainable development goals. It is well known that most of the key environmental laws have been enacted in the wake of Stockholm Conference (1972) under Entry 13 of List-I read with Article 253 of the Constitution, with a view to achieve 'sustainable development' of which the 'Precautionary' principle, "Polluter Pays" principle, Intergenerational Equity and Public Trust Doctrine principles are integral part. **Sad part is that even after 47 years of Water Act and 40 years of Air Act, water and air pollution is rampant, without serious adverse action. Though there are criminal offences with minimum prescribed sentence, hardly any punishment is handed down. Hardly any compensation is recovered from the violators. Victims continue to suffer and so does the environment. This requires attention of all concerned at higher levels in governance.**

19. In view of above, the recommendations in the CPCB report need to be urgently implemented by all concerned for revamping and upgrading the regulatory bodies and their equipment which needs to be a continuous exercise. **The Chief Secretaries of all States/UTs, in coordination with the Secretary Environment and Chairman State PCB/PCCs in their respective jurisdiction, need to forthwith study and address the issues emerging from the report, prepare and execute their respective action plans.** This will include filling up all vacant posts by competent persons and procuring the requisite equipment. The CPCB may assist and monitor all the States for compliance of these directions. It will be open to the CPCB to prepare a format which may contain qualifications, minimum eligibility criteria, required experience for the key positions and the specifications of equipment. It is suggested that if some of the State PCBs find it difficult to select/recruit suitable candidates, a designated Committee of the MoEF&CC and CPCB, in consultation with such State PCBs, may explore possibility of



the central selection mechanism so that the talent pool so selected can be made available for posting at appropriate locations, where recruitment is found to be otherwise difficult. We have noted the observations in the report that at some places administrative manpower is more than technical manpower which may not be a desirable situation. Such situation may be reviewed and remedied by the concerned States. The observations that the work of regulators should be exclusive for the incumbents appointed applies to all key positions, including Chairman/Member Secretary, Regional Officers, Engineers and Scientists of PCBs/PCCs.

20. Further, for improving monitoring and planning, authentic data needs to be compiled at all levels. Initiative will have to be taken consistent with Digital India initiatives by the MoEF/MoJS/MoUD/CPCB and based on such policy decisions, the Environment departments of all States/UTs will have to compile data in their respective jurisdiction, preferably Districtwise. On that basis District Environment Data Grid (DEdG), State Environment Data Grid (SEdG) and National Environment Data Grid (NEdG) can be set up and continuously updated. The Grid can be connected to online monitoring systems. Comprehensive Environment Pollution Index (CEPI) is being prepared limited to the Industrial Area but the Grid can cover larger areas and aspects and can be source of research and planning. It can also facilitate monitoring of and be in sync with other government initiatives such as National Mission for Clean Ganga, Swachh Bharat and Jalshakti Abhiyan etc. Based on such data, it may also be easier to study 'carrying capacity' of different areas to plan siting policy for various activities.

21. Further, there is need to study the extent of environmental loss and the contributors to the same. Though environment is priceless, normative parameters are now available to determine the compensation for the loss caused for failure to observe laid down rules and regulations such as not clearing legacy waste as per Solid Waste Management Rules, causing air/water pollution. Environment is wealth which needs protection from being plundered by law violators, for their monetary interests, by adequate monitoring and stringent vigilance. Its scientific management, including enforcement of polluter pays principle, requires study of level of pollution and contributors thereto and cost of restoration to be recovered by an efficient machinery. Such steps will advance the environmental rule of law and lead to sustainable development.

22. The directions on the subject are summed up as follows:

- i. The Chief Secretaries of all States/UTs, in coordination with their respective Secretary Environment and Chairman State PCB/PCCs, need to forthwith study and address the issues emerging from the CPCB report, prepare and execute their respective action plans which will include filling up



***all vacant posts by competent persons and procuring the requisite equipment, including commissioning and upgradation of all laboratories and recognition under the EP Act, 1986. The CPCB may assist and monitor all the States for compliance of these directions. The steps in this regard be initiated and completed as far as possible within six months. In view of Section 33 of the NGT Act, 2010, whereunder the NGT Act has overriding powers over other statutes, any restriction placed by any administrative order will not stand in the way of carrying out this direction.***

- ii. *We direct the CPCB to prepare a format which may contain qualifications, minimum eligibility criteria, required experience for the key positions and the specifications of equipment. All States/UTs may act accordingly.*
- iii. *MoEF&CC and CPCB may design a mechanism for annual performance audit of all the State PCBs/PCCs.*
- iv. *It is suggested that if some of the State PCBs find it difficult to select/recruit suitable candidates, a designated Committee of the MoEF&CC and CPCB, in consultation with such State PCBs, may explore possibility of the central selection mechanism so that the talent pool so selected can be made available for posting at appropriate locations, where requirement is found to be otherwise difficult. A plan be prepared for continuous training of the incumbents at regional levels periodically.*
- v. *In view of the findings in the report that at some places administrative manpower is more than technical manpower, such situation may be reviewed and remedied by the concerned States.*
- vi. *The observations that the work of regulators should be fulltime for the incumbents appointed applies to all key positions, including Chairman/Member Secretary and Regional Officers, Engineers, Scientists of PCBs/PCCs. Such incumbents may not be given any other additional charge. Only exception can be in States where there are no significant environmental issues so as to provide the incumbents fulltime work. Such States may seek exemption in respect of this direction from CPCB, giving relevant information justifying such exemption.*
- vii. *CPCB and State PCBs/PCCs, as directed earlier, may utilise EC funds on laboratory set up/upgradation, and on the mentioned areas in the report as well as on approved District Environment Plans. No approval of Central/State Government will be necessary in this regard in view of section 33 of the NGT Act, supra.*
- viii. *Consistent with Digital India initiatives, MoEF&CC/MoJS/CPCB may consider setting up and*



periodically updating National Environment Data Grid (NEDG) linked to the State Environment Data Grids (SEDGs) DEDGs and further linked to available portals like online air/water quality, Sameer and other monitoring stations to facilitate analysis, research and planning on the subject. It may be further interlinked to initiatives like NMCG/Swachh Bharat/Jal Jeevan Mission.

- ix. To assess the extent of monetary loss caused to the environment on account of violation of environmental norms by failure to scientifically manage waste, violating Water/Air/EP/Forest (Conservation) Acts and other specified Acts for fixing accountability, for improving efficiency and better enforcement of 'Polluter Pays' principle.
- x. To monitor the extent of carrying capacity for particular activities at different locations for planning suitability of siting of particular activities for giving effect to 'Precautionary' and 'Sustainable Development' principles"

16. On various thematic areas mentioned above, which are expected to be the components of District Environment Plans such as waste management, air pollution, water pollution, protection of eco sensitive areas, protection of rivers, water bodies, conservation of groundwater, use of treated water, rainwater harvesting, preventing dust pollution, noise pollution etc, this Tribunal has dealt with the issues and finding huge gaps in compliances, issued directions, which include following:

I. **Waste Management:**

- **Bio-medical waste:** O.A. No. 710/2017, Shailesh Singh v. Sheela Hospital & Trauma Centre, Shahjahanpur & Ors., Order dated 18.01.2021.
- **Legacy waste:** O. A. No. 519/2019, News item published in "The Times of India" Authored by Jasjeev Gandhiok & Paras Singh Titled "Below mountains of trash lie poison lakes", Order dated 29.01.2021.
- **Hazardous waste:** O.A. No. 804/2017, Rajiv Narayan & Anr. v. UOI & Ors., Order dated 29.01.2021.
- **Solid Waste Management:** O.A. No. 606/2018, Compliance of Municipal Solid Waste Management Rules, 2016 and other environmental issues, Orders dated 22.07.2019, 28.02.2020 and 14.12.2020.
- **E-waste:** O.A. No. 512/2018, Shailesh Singh v. State of UP & Ors., Order dated 15.01.2021.
- **Plastic waste:** EA No. 13/2019, Central Pollution Control Board v. State of Andaman & Nicobar & Ors., Order dated 08.01.2021.

II. **Rainwater harvesting:** O.A. No. 496/2016, Tribunal on its own motion v. GNCD & Ors., Order dated 22.01.2021.

III. **Water bodies restoration:** O.A. No. 325/2015, Lt. Col. Sarvadaman Singh Oberoi v. UOI & Ors., Order dated 18.11.2020.



- IV. **Management of Carcasses:** O.A. No. 465/2019, Kulwinder Singh Sandhu & Ors. v. Ram Murti & Ors., Order dated 15.04.2021.
- V. **Management of Dairies:** Original Application No. 46/2018, Nuggehalli Jayasimha v. Government of NCT of Delhi, Order dated 08.10.2020.
- VI. **Environmental compliance - Brick kilns:** Original Application No. 1016/2019, Utkarsh Panwar v. Central Pollution Control Board & Ors., Order dated 17.02.2021.
- VII. **Sustainable Mining:** O.A. No. 360/2015, National Green Tribunal Bar Association v. Virender Singh (State of Gujarat), Order dated 26.02.2021.
- VIII. **Management of Railway siding:** O.A No. 141/2014, Saloni Singh & Anr. v. UOI & Ors., Order dated 16.03.2021.
- IX. **Categorisation for effective monitoring - Red, Orange, Green:** OA 639/2018, Shailesh Singh v. State of Haryana & Ors., Order dated 23.03.2021.
- X. **Air pollution control in Non-Attainment Cities:** OA 681/2018, In Re: News item published in "The Times of India" Authored by Shri Vishwa Mohan Titled "NCAP with multiple timelines to clean air in 102 cities to be released around August 15", Order dated 08.04.2021.
- XI. **Water Pollution control by preventing discharge of untreated sewage/effluents:** OA 593/2017, Paryavarana Suraksha Samiti & Anr. v. Union of India & Ors. and OA 148/2016, Mahesh Chandra Saxena v. South Delhi Municipal Corporation & Ors., Orders dated 21.09.2020 and 22.02.2021.
- XII. **Ground Water Regulation:** OA No. 176/2015, Shailesh Singh v. Hotel Holiday Regency, Moradabad & Ors., Order dated 20.07.2020.
- XIII. **Remedying Polluted Industrial Clusters:** OA No. 1038/2018, News item published in "The Asian Age" Authored by Sanjay Kaw Titled "CPCB to rank industrial units on pollution levels", Order dated 14.11.2019.
- XIV. **Restoring Pollution of River Stretches:** OA No. 673/2018, In Re: News item published in "The Hindu" authored by Shri Jacob Koshy, titled "More river stretches are now critically polluted: CPCB", Orders dated 21.09.2020 and 22.02.2021.
- XV. **Controlling Coastal Pollution:** OA No. 829/2019, Lt. Col. Sarvadaman Singh Oberoi v. Union of India & Ors., Orders dated 21.09.2020 and 22.02.2021.
- XVI. **Regulating Pollution by restaurants/hotels/motels/banquets:** OA No. 400/2017, Westend Green Farms Society v. Union of India & Ors., Order dated 04.02.2021.
- XVII. **Preventing Industrial Accidents by safety norms and providing relief to victims:** (i) OA No. 85/2020, Aryavart Foundation through its President vs. Yashyashvi Rasayan Pvt. Ltd. & Anr., Order dated 03.02.2021 (ii) OA No. 60/2021, In re: News item published in The Hindu dated 23.02.2021 titled "Two dead, 5 missing in fire at UPL Plant", Order dated 11.06.2021 (iii) OA No. 134/2021, In re: News item published in The Hindustan Times dated 17.06.2021, titled "Blast in firecracker unit in Maharashtra's Palghar, at least 10 injured", Order dated 25.06.2021.



17. We may mention that several issues have been directed to be monitored by this Tribunal by the Hon'ble Supreme Court such as ensuring installation of requisite treatment equipments – STPs, ETPs, CETPs, to prevent discharge of untreated sewage/trade effluents in water bodies<sup>15</sup>, solid waste management<sup>16</sup>, remedying the pollution of river Yamuna<sup>17</sup> and river Ganga<sup>18</sup>. There are also various other issues which are being dealt with by this Tribunal to give effect to the directions of the Hon'ble Supreme Court. Tackling of challenges presented by these issues requires action plans and monitoring of execution at every level. DEPs, taking cognizance of all such issues, should result in holistic steps to address the problem in the interest of health of citizens. We may mention by way of illustration particulars of some of the orders relevant for the purpose (can be accessed on the NGT website):

<b>Sl. No.</b>	<b>Date of Order</b>	<b>OA/EA/Appeal No. and Party Name</b>	<b>Issue dealt</b>
1.	18.01.2021	O.A. No. 710/2017, Shailesh Singh v. Sheela Hospital & Trauma Centre, Shahjahanpur & Ors.	<b>Bio-medical waste</b>
2.	29.01.2021	O.A. No. 804/2017, Rajiv Narayan & Anr. v. UOI & Ors.	<b>Hazardous waste</b>
3.	22.07.2019, 28.02.2020 and 14.12.2020	O.A. No. 606/2018, Compliance of Municipal Solid Waste Management Rules, 2016 and other environmental issues,	<b>Solid Waste Management</b>
4.	15.01.2021	O.A. No. 512/2018, Shailesh Singh v. State of UP & Ors.	<b>E-waste</b>
5.	08.01.2021	EA No. 13/2019, Central Pollution Control Board v. State of Andaman & Nicobar & Ors.	<b>Plastic waste</b>
6.	18.11.2020	O.A. No. 325/2015, Lt. Col. Sarvadaman Singh Oberoi v. UOI & Ors.	<b>Water bodies restoration</b>
7.	26.02.2021	O.A. No. 360/2015, National Green Tribunal Bar Association v. Virender Singh (State of Gujarat)	<b>Sustainable Mining</b>
8.	08.04.2021	OA 681/2018, In Re: News item published in "The Times of India" Authored by Shri Vishwa Mohan Titled "NCAP with multiple timelines to clean air in 102 cities to be released around August 15"	<b>Air pollution control in Non-Attainment Cities</b>
9.	21.09.2020 and 22.02.2021	OA 593/2017, Paryavaran Suraksha Samiti & Anr. v. Union of India & Ors. and OA 148/2016, Mahesh Chandra Saxena v. South Delhi Municipal Corporation & Ors.	<b>Water Pollution control by preventing discharge of untreated sewage /effluents</b>
10.	20.07.2020	OA No. 176/2015, Shailesh Singh v. Hotel Holiday Regency, Moradabad & Ors.	<b>Ground Water Regulation</b>
11.	21.09.2020 and 22.02.2021	OA No. 673/2018, In Re: News item published in "The Hindu" authored by Shri Jacob Koshy, titled "More river stretches are now critically polluted: CPCB"	<b>Restoration of the Polluted River Stretches</b>

<sup>15</sup> Paryavaran Suraksha Samiti & Anr. v. Union of India & Ors. - (2017) 5 SCC 326

<sup>16</sup> Order dated 02.09.2014, in W.P. No. 888/1996, Almitra H. Patel vs. Union of India & Ors.

<sup>17</sup> O.A. No. 06/2012, Manoj Mishra v. UOI & Ors.

<sup>18</sup> O.A. No. 200/2014, M.C. Mehta v. UOI & Ors.



12	11.06.2021	OA No. 60/2021, In re: News item published in The Hindu dated 23.02.2021 titled "Two dead, 5 missing in fire at UPL Plant"	<b>Preventing Industrial Accidents by safety norms and providing relief to victims</b>
13	25.06.2021	OA No. 134/2021, In re: News item published in The Hindustan Times dated 17.06.2021, titled "Blast in firecracker unit in Maharashtra's Palghar, at least 10 injured"	

18. We may also note that this Tribunal discussed the above aspects with 35 Chief Secretaries of all States/UTs, in their personal presence and issued directions to handle serious violations of law and failure of the administrative authorities, requiring continuous monitoring by District Magistrates at District level and by Chief Secretaries at State level, with the assistance of fulltime environment cells, to assist in coordination with different departments and to provide technical inputs to address the gaps and governance deficits on the subject. It is not necessary to repeat the directions already issued except to say that satisfactory steps remain to be taken. Wherever DEPs have not been prepared, the same need to be expedited and wherever they have been prepared the same need to be continuously updated and compliance monitored.

19. Since the above is a continuous process, it is for the concerned Governments to take initiatives. However, having regard to the significance of the subject, we are of the opinion that further monitoring will be necessary by this Tribunal in the light of compliance status which may be provided on the next date.

20. We are unhappy to note that all the States/UTs have not taken the matter as seriously as the subject requires. We hope that the Chief Secretaries of all the States/UTs will provide due attention to the subject in the larger public interest and in the interest of health, safety of the citizens and rule of law to effectuate basis fundamental rights of the citizens.

21. Accordingly, in view of long-time failure to comply the mandate of the Constitution adversely affecting the public health and the environment and repeated failures to comply with the earlier directions on the subject, we direct

a. Chief Secretaries of all the States/UTs may ensure completion of District Environment Plans (DEPs) for all the Districts, in the light of orders of this Tribunal dated 26.9.2019, 19.3.2020, 29.1.2021 and the observations in the present order and upload the same on their respective websites positively by 31.10.2021.

b. The DEPs may contain data on each environmental issue covering each city, town and village. Data may show the extent of gap in compliance of laid down norms for



- i. Waste Management - Municipal Solid, Plastic, Bio-Medical, Electric and Electronic, Hazardous and Construction and Demolition waste**
- ii. Sewage treatment and utilisation**
- iii. Water quality – Rivers, Water bodies, Ground Water, Coastal waters and Rain water harvesting,**
- iv. Industries Pollution Control including industrial clusters**
- v. Air Quality management includes pollution due to dust**
- vi. Regulating mining/ Sand mining**
- vii. Noise pollution**
- viii. Any other issues significant in the area**
- ix. The DEP must give timelines for accomplishment of tasks backed up with budgetary support and the officers entrusted with the job, with contact details of the nodal officer at various levels in the District**
- x. Scope for public participation on remedial measures like plantations**
- c. DEPs may also contain mechanism for review at different levels.**
- d. The District Magistrates may accordingly execute the action plans by reviewing the progress on various targets at least once in a month.**
- e. All the States may accordingly consolidate the DEPs and prepare their respective State Environment Plans and upload the same on their respective websites.**
- f. CPCB may consolidate the information and file a tabular statement by 30.11.2021 by e-mail at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) preferably in the form of searchable PDF/OCR Support PDF (and not in the form of Image PDF)."**

4. Accordingly, following reports about compliance status have been filed:-

- 1. Report dated 12.01.2022 filed by the CPCB with additional information filed on 07.02.2022.



2. Report dated 26.11.2021 filed by the Monitoring Committee headed by Justice Jasbir Singh in the State of Punjab, constituted by this Tribunal to oversee compliance of certain directions by this Tribunal.
  3. Report dated 23.11.2021 filed by the Monitoring Committee headed by Justice Pritam Pal in the State of Haryana, constituted by this Tribunal to oversee compliance of certain directions by this Tribunal.
  4. Report dated 03.12.2021 filed by the Oversight Committee headed by Justice S.V.S. Rathore constituted by this Tribunal to oversee compliance of certain directions by this Tribunal.
  5. Report dated 01.02.2022 filed by the Oversight Committee headed by Justice S.P. Garg constituted by this Tribunal to oversee compliance of certain directions by this Tribunal.
5. We are not referring to reports filed by some individual Districts/States since the same are covered by the report of the CPCB. We may now refer to the above reports.

**Report dated 12.01.2022 filed by the CPCB**

6. Report of CPCB states that data template and report template prepared by CPCB were placed on its website to facilitate the State PCBs/Secretaries Environment to coordinate with the District Magistrates for preparation of plans. CPCB selected certain Districts as model for such plans and in respect of the said Districts the execution of the plan were reviewed to ensure that the gaps in compliance are bridged. Out of total 731 Districts, plans have been prepared for 616 as follows:-

<b>S. No.</b>	<b>Name of State</b>	<b>No. of Districts</b>	<b>No. of DEPs prepared</b>
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1	Andaman & Nicobar	3	1
2	Assam	33	30
3	Andhra Pradesh	13	13
4	Arunachal Pradesh	25	0
5	Bihar	38	1
6	Chandigarh	1	1
7	Chhattisgarh	27	27
8	DD & DNH	3	1
9	Delhi	11	9
10	Goa	2	1
11	Gujarat	33	33
12	Haryana	22	22
13	Himachal Pradesh	12	12
14	Jammu & Kashmir	20	12
15	Jharkhand	24	22
16	Karnataka	30	30
17	Ladakh	2	DEP Awaited
18	Kerala	14	14
19	Lakshadweep	1	1
20	Madhya Pradesh	52	52
21	Maharashtra	36	36
22	Manipur	16	16
23	Meghalaya	11	4
24	Mizoram	8	8
25	Nagaland	11	1
26	Odisha	30	30
27	Pudducherry	4	4
28	Punjab	22	22
29	Rajasthan	33	33
30	Sikkim	4	4
31	Tamil Nadu	38	38
32	Telangana	33	33
33	Tripura	8	3
34	Uttarakhand	13	4
35	Uttar Pradesh	75	75
36	West Bengal	23	23
	<b>Total</b>	<b>731</b>	<b>616</b>

7. The State Level Plans have been prepared in 13 out of 35 States as follows:-

S. No.	Name of State	Status of State Environment Plan
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1	Andaman & Nicobar	Information yet to be submitted (information may be submitted by State Government / UT Administration)
2	Andhra Pradesh	SEP prepared
3	Arunachal Pradesh	Information yet to be submitted (information may be submitted by State Government / UT Administration)
4	Assam	
5	Bihar	
6	Chandigarh	SEP prepared
7	Chhattisgarh	Information yet to be submitted (information may be submitted by State Government / UT Administration)
8	DD & DNH	
9	Delhi	
10	Goa	
11	Gujarat	
12	Haryana	
13	Himachal Pradesh	
14	Jammu & Kashmir	SEP prepared
15	Jharkhand	Information yet to be submitted (information may be submitted by State Government / UT Administration)
16	Karnataka	SEP prepared
17	Kerala	Information yet to be submitted (information may be submitted by State Government / UT Administration)
18	Lakshadweep	SEP prepared
19	Madhya Pradesh	Information yet to be submitted (information may be submitted by State Government / UT Administration)
20	Maharashtra	SEP prepared
21	Manipur	Information yet to be submitted (information may be submitted by State Government / UT Administration)
22	Meghalaya	
23	Mizoram	SEP prepared
24	Nagaland	Information yet to be submitted (information may be submitted by State Government / UT Administration)
25	Odisha	
26	Pudducherry	SEP prepared
27	Punjab	Information yet to be submitted (information may be submitted by State Government / UT Administration)
28	Rajasthan	
29	Sikkim	SEP prepared
30	Tamil Nadu	SEP prepared
31	Telangana	SEP prepared
32	Tripura	SEP prepared and submitted to CPCB
33	Uttarakhand	Information yet to be submitted (information may be submitted by State Government / UT Administration)
34	Uttar Pradesh	
35	West Bengal	SEP prepared



DEPs are uploaded on the websites of District Administration/State Boards and the State-wise details of website links are given below:

State wise details of DEPs uploaded on website				
S. N	Name of State	No. of District	Name of District	Website link of District Environment Plan
1	Andaman Nicobar	3	Nicobar	Yet to be upload on website.
2			North Middle Andaman	
3			South Andaman	<a href="https://greentribunal.gov.in/sites/default/files/news_updates/Submission%20by%20South%20Andaman%20District,%20ANI%20in%20O.A%20No.%20360%20of%202018%20(Shree%20Nath%20Sharma%20Vs.%20UOI%20&amp;%20Ors.).pdf">https://greentribunal.gov.in/sites/default/files/news_updates/Submission%20by%20South%20Andaman%20District,%20ANI%20in%20O.A%20No.%20360%20of%202018%20(Shree%20Nath%20Sharma%20Vs.%20UOI%20&amp;%20Ors.).pdf</a>
4	Andhra Pradesh	13	Anantapur	Yet to be upload on website.
5			Chittoor	
6			East Godavari	
7			Guntur	
8			Kadapa	
9			Krishna	
10			Kurnool	
11			Nellore	
12			Prakasam	
13			Srikakulam	
14			Visakhapatnam	
15			Vizianagaram	
16			West Godavari	
17	Arunachal Pradesh	25	Anjaw	Yet to be upload on website.
18			Changlang	
19			Dibang Valley	
20			East Kameng	
21			East Siang	
22			Kamle	
23			Kra Daadi	
24			Kurung Kumey	
25			Lepa Rada	
26			Lohit	
27			Longding	
28			Lower Dibang Valley	
29			Lower Siang	
30			Lower Subansiri	
31			Namsai	
32			Pakke Kessang	
33			Papum Pare	
34			Shi Yomi	
35			siang	
36			Tawang	
37			Tirap	



38		Upper Siang	
39		Upper Subansiri	
40		West Kameng	
41		West Siang	
42	Assam	Baksa	Yet to be upload on website.
43		Barpeta	
44		Biswanath	
45		Bongaigaon	
46		Cachar	
47		Charaideo	
48		Chirang	
49		Darrang	
		Dhemaji	
50			
51		Dhubri	
		Dibrugarh	
52			
53		Dima Hasao	Yet to be upload on website.
54		Goalpara	<a href="http://goalpara.gov.in/data/notice/DEPG.pdf">http://goalpara.gov.in/data/notice/DEPG.pdf</a>
55		Golaghat	Yet to be upload on website.
56		Hailakandi	
		Hojai	<a href="https://hojai.assam.gov.in/frontimpotentdata/district-">https://hojai.assam.gov.in/frontimpotentdata/district-</a>
57			
58		Jorhat	Yet to be upload on website.
59		Kamrup	
		Kamrup	
60		Metropolitan	
61		Karbi Anglong	
62		Karimganj	
63		Kokrajhar	
64		Lakhimpur	
65		Majuli	
66		Morigaon	
		Nagaon	
67			<a href="https://nagaon.gov.in/documents-detail/district-">https://nagaon.gov.in/documents-detail/district-</a>
68		Nalbari	Yet to be upload on website.
69		Sivasagar	
70		Sonitpur	
71		South Salmara-Mankachar	
72		Tinsukia	
73		Udalguri	
		West Karbi Anglong	
74			
75		Araria	Yet to be upload on website.
76		Arwal	
		Aurangabad	<a href="https://aurangabad.bih.nic.in/notice/district-">https://aurangabad.bih.nic.in/notice/district-</a>
77			
78		Banka	Yet to be upload on website.
79		Begusarai	
80		Bhagalpur	



81	Bihar	38	Bhojpur	
82			Buxar	
83			Darbhanga	
84			East Champaran	
85			Gaya	
86			Gopalganj	
87			Jamui	
88			Jehanabad	
			Kaimur	<a href="https://kaimur.nic.in/document/district-environment-">https://kaimur.nic.in/document/district-environment-</a>
89			Katihar	Yet to be upload on website.
90			Khagaria	
91			Kishanganj	
92			Lakhisarai	
93			Madhepura	
94			Madhubani	
95			Munger	
96			Muzaffarpur	
97			Nalanda	
98			Nawada	
99			Patna	
100			Purnia	
101			Rohtas	
102			Saharsa	
103			Samastipur	
104			Saran	
105			Sheikhpura	
106			Sheohar	
107			Sitamarhi	
108				
109			Siwan	
110			Supaul	
111			Vaishali	
112			West Champaran	
113	Chandigarh	1	Chandigarh	<a href="https://chandigarhdistrict.nic.in/document/district-environment-plan-dep-of-u-t-chandigarh/">https://chandigarhdistrict.nic.in/document/district-environment-plan-dep-of-u-t-chandigarh/</a>
114	Chhattisgarh	27	Balod	<a href="https://balod.gov.in/notice_category/announcements/?sortby=end_date">https://balod.gov.in/notice_category/announcements/?sortby=end_date</a>
115			Baloda Bazar	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
116			Balrampur	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
117			Bastar	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
118			Bemetara	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
119			Bijapur	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
120			Bilaspur	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
121			Dantewada	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
122			Dhamtari	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
123			Durg	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
124			Gariaband	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
125			Janjgir Champa	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
126			Jashpur	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
127			Kabirdham	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
128			Kanker	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>



129			Kondagaon	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
130			Korba	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
131			Koriya	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
132			Mahasamund	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
133			Mungeli	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
134			Narayanpur	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
135			Raigarh	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
136			Raipur	<a href="https://raipur.gov.in/district-environment/">https://raipur.gov.in/district-environment/</a>
137			Rajnandgaon	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
138			Sukma	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
139			Surajpur	<a href="https://surajpur.nic.in/en/notice/district-environment-plan/">https://surajpur.nic.in/en/notice/district-environment-plan/</a>
140			Surguja	<a href="https://enviscecb.org/District Environment Plan.htm">https://enviscecb.org/District Environment Plan.htm</a>
141	Dadra Nagar Haveli	3	Dadra Nagar Haveli	Yet to be upload on website.
142			Daman	
143			Diu	
144	Delhi	11	Central Delhi	Yet to be upload on website.
145			East Delhi	
146			New Delhi	
147			North Delhi	
148			North East Delhi	
149			North West Delhi	
150			Shahdara	
151			South Delhi	
152			South East Delhi	
153			South West Delhi	
154			West Delhi	
155	Goa	2	North Goa	Yet to be upload on website.
156			South Goa	<a href="https://southgoa.nic.in/document/district-environment-plan/">https://southgoa.nic.in/document/district-environment-plan/</a>
157	Gujarat	33	Ahmedabad	Yet to be upload on website.
158			Amreli	
159			Anand	
160			Aravalli	
161			Banaskantha	<a href="https://cdn.s3waas.gov.in/s38ebda540cbcc4d7336496819a46a1b68/uploads/2020/01/2020012249.pdf">https://cdn.s3waas.gov.in/s38ebda540cbcc4d7336496819a46a1b68/uploads/2020/01/2020012249.pdf</a>
162			Bharuch	Yet to be upload on website.
163			Bhavnagar	
164			Botad	
165			Chhota Udaipur	
166			Dahod	<a href="https://dahod.gujarat.gov.in/news/district-environment-plan-dahod">https://dahod.gujarat.gov.in/news/district-environment-plan-dahod</a>
167			Dang	Yet to be upload on website.
168			Devbhoomi Dwarka	
169			Gandhinagar	
170			Gir Somnath	
171			Jamnagar	
172			Junagadh	
173			Kheda	<a href="https://cdn.s3waas.gov.in/s3fc8001f834f6a5f0561080d134d53d29/uploads/2020/01/2020010793.pdf">https://cdn.s3waas.gov.in/s3fc8001f834f6a5f0561080d134d53d29/uploads/2020/01/2020010793.pdf</a>
174			Kutch	Yet to be upload on website.



175		Mahisagar	
176		Mehsana	<a href="https://cdn.s3waas.gov.in/s3c361bc7b2c033a83d663b8d9fb4be56e/uploads/2020/01/2020012791.pdf">https://cdn.s3waas.gov.in/s3c361bc7b2c033a83d663b8d9fb4be56e/uploads/2020/01/2020012791.pdf</a>
177		Morbi	
178		Narmada	Yet to be upload on website.
179		Navsari	<a href="https://navsari.nic.in/document/district-environment-plan-navsari/">https://navsari.nic.in/document/district-environment-plan-navsari/</a>
180		Panchmahal	
181		Patan	
182		Porbandar	
183		Rajkot	Yet to be upload on website.
184		Sabarkantha	
185		Surat	
186		Surendranagar	
187		Tapi	
188		Vadodara	
189		Valsad	<a href="https://valsad.nic.in/document/district-environment-plan-valsad/">https://valsad.nic.in/document/district-environment-plan-valsad/</a>
190		Ambala	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
191		Bhiwani	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
192		Charkhi Dadri	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
193		Faridabad	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
194		Fatehabad	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
195		Gurugram	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
196		Hisar	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
197		Jhajjar	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
198		Jind	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
199		kaithal	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
200		karnal	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
201		kurukshetra	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
202		Mahendragarh	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
203		Nuh	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
204		Palwal	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
205		Panchkula	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>

Haryana

22



206			Panipat	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
207			Rewari	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
208			Rohtak	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
209			Sonipat	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
210			Sirsa	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
211			Yamunanagar	<a href="http://hareenvironment.gov.in/en/district-environment-plan-for-the-state">http://hareenvironment.gov.in/en/district-environment-plan-for-the-state</a>
212			Bilaspur	<a href="https://hpbilaspur.nic.in/notice/district-environment-plan-approval/">https://hpbilaspur.nic.in/notice/district-environment-plan-approval/</a>
213			Chamba	<a href="https://hpchamba.nic.in/document/district-environment-plan-2021/">https://hpchamba.nic.in/document/district-environment-plan-2021/</a>
214			Hamirpur	<a href="https://hphamirpur.nic.in/hi/document/%E0%A4%9C%E0%A4%BF%E0%A4%B2%E0%A4%BE-%E0%A4%AA%E0%A4%B0%E0%A5%8D%E0%A4%AF%E0%A4%BE%E0%A4%B5%E0%A4%B0%E0%A4%A3-%E0%A4%AF%E0%A5%8B%E0%A4%9C%E0%A4%A8%E0%A4%BE-%E0%A4%B9%E0%A4%AE%E0%A5%80%E0%A4%B0/">https://hphamirpur.nic.in/hi/document/%E0%A4%9C%E0%A4%BF%E0%A4%B2%E0%A4%BE-%E0%A4%AA%E0%A4%B0%E0%A5%8D%E0%A4%AF%E0%A4%BE%E0%A4%B5%E0%A4%B0%E0%A4%A3-%E0%A4%AF%E0%A5%8B%E0%A4%9C%E0%A4%A8%E0%A4%BE-%E0%A4%B9%E0%A4%AE%E0%A5%80%E0%A4%B0/</a>
215			Kangra	<a href="https://hpkangra.nic.in/notice/district-environment-plan-for-district-kangra-in-himachal-pradesh/">https://hpkangra.nic.in/notice/district-environment-plan-for-district-kangra-in-himachal-pradesh/</a>
216	Himachal Pradesh	12	Kinnaur	<a href="https://cdn.s3waas.gov.in/s3766ebcd59621e305170616ba3d3dac32/uploads/2019/12/2019123135.pdf">https://cdn.s3waas.gov.in/s3766ebcd59621e305170616ba3d3dac32/uploads/2019/12/2019123135.pdf</a>
217			Kullu	<a href="https://hpkullu.nic.in/document/district-environment-plan/">https://hpkullu.nic.in/document/district-environment-plan/</a>
218			Lahaul Spiti	<a href="https://cdn.s3waas.gov.in/s37647966b7343c29048673252e490f736/uploads/2021/10/2021102758.pdf">https://cdn.s3waas.gov.in/s37647966b7343c29048673252e490f736/uploads/2021/10/2021102758.pdf</a>
219			Mandi	<a href="https://hpmandi.nic.in/document/district-environmental-plan/">https://hpmandi.nic.in/document/district-environmental-plan/</a>
220			Shimla	<a href="https://hpshimla.nic.in/notice/district-environment-plan-of-shimla-district-in-compliance-to-orders-passed-by-honble-ngt-in-oa-no-710-2017-o-a-no-360-2018/">https://hpshimla.nic.in/notice/district-environment-plan-of-shimla-district-in-compliance-to-orders-passed-by-honble-ngt-in-oa-no-710-2017-o-a-no-360-2018/</a>
221			Sirmaur	<a href="https://hpsirmaur.nic.in/document/district-environment-plan/">https://hpsirmaur.nic.in/document/district-environment-plan/</a>
222			Solan	<a href="https://cdn.s3waas.gov.in/s3b534ba68236ba543ae44b22bd110a1d6/uploads/2020/01/2020012075.pdf">https://cdn.s3waas.gov.in/s3b534ba68236ba543ae44b22bd110a1d6/uploads/2020/01/2020012075.pdf</a>
223			Una	<a href="https://hpuna.nic.in/document/implementation-of-district-environment-plan/">https://hpuna.nic.in/document/implementation-of-district-environment-plan/</a>
224	Jammu Kashmir	20	Anantnag	<a href="https://anantnag.nic.in/document/district-environment-plan-2021-district-anantnag/">https://anantnag.nic.in/document/district-environment-plan-2021-district-anantnag/</a>
225			Bandipora	<a href="https://bandipore.nic.in/notice/district-environment-plan/">https://bandipore.nic.in/notice/district-environment-plan/</a>
226			Baramulla	<a href="https://baramulla.nic.in/document/district-environment-plan/">https://baramulla.nic.in/document/district-environment-plan/</a>
227			Budgam	<a href="https://budgam.nic.in/document/revise-district-environment-plan/">https://budgam.nic.in/document/revise-district-environment-plan/</a>
228			Doda	<a href="https://doda.nic.in/document/district-environment-plan-2019/">https://doda.nic.in/document/district-environment-plan-2019/</a>



229		Ganderbal	<a href="https://ganderbal.nic.in/documents/district-environment-plan/">https://ganderbal.nic.in/documents/district-environment-plan/</a>	
230		Jammu	<a href="https://jammu.nic.in/notice/district-environment-plans-deps-in-respect-of-district-jammu/">https://jammu.nic.in/notice/district-environment-plans-deps-in-respect-of-district-jammu/</a>	
231		Kathua	<a href="https://kathua.nic.in/document-category/district-environment-plan/">https://kathua.nic.in/document-category/district-environment-plan/</a>	
232		Kishtwar	<a href="https://kishtwar.nic.in/district-environment-plan-of-kishtwar/">https://kishtwar.nic.in/district-environment-plan-of-kishtwar/</a>	
233		Kulgam	Yet to be upload on website.	
234		Kupwara	<a href="https://kupwara.nic.in/document-category/district-environment-plan/">https://kupwara.nic.in/document-category/district-environment-plan/</a>	
235		Poonch	<a href="https://poonch.nic.in/document/district-environment-plan-poonch-2/">https://poonch.nic.in/document/district-environment-plan-poonch-2/</a>	
236		Pulwama	<a href="https://pulwama.gov.in/document/district-environment-plan-district-pulwama/">https://pulwama.gov.in/document/district-environment-plan-district-pulwama/</a>	
237		Rajouri	<a href="https://cdn.s3waas.gov.in/s31aa48fc4880bb0c9b8a3bf979d3b917e/uploads/2021/11/2021110285.pdf">https://cdn.s3waas.gov.in/s31aa48fc4880bb0c9b8a3bf979d3b917e/uploads/2021/11/2021110285.pdf</a>	
238		Ramban	<a href="https://ramban.gov.in/district-environment-plan/">https://ramban.gov.in/district-environment-plan/</a>	
239		Reasi	<a href="https://reasi.nic.in/document/district-environment-plan-reasi-2021/">https://reasi.nic.in/document/district-environment-plan-reasi-2021/</a>	
240		Samba	<a href="https://samba.gov.in/document/district-environmental-plan-for-district-samba-2021-3/">https://samba.gov.in/document/district-environmental-plan-for-district-samba-2021-3/</a>	
241		Shopian	<a href="https://shopian.nic.in/document/district-environmental-plan-shopian/">https://shopian.nic.in/document/district-environmental-plan-shopian/</a>	
242		Srinagar	<a href="https://srinagar.nic.in/notice/district-environmental-plan-2021-srinagar/">https://srinagar.nic.in/notice/district-environmental-plan-2021-srinagar/</a>	
243		Udhampur	<a href="https://udhampur.nic.in/notice/district-environment-plan-udhampur/">https://udhampur.nic.in/notice/district-environment-plan-udhampur/</a>	
244	Jharkhand	24	Bokaro	<a href="https://cdn.s3waas.gov.in/s3a760880003e7ddedfef56acb3b09697f/uploads/2020/12/2020120193.pdf">https://cdn.s3waas.gov.in/s3a760880003e7ddedfef56acb3b09697f/uploads/2020/12/2020120193.pdf</a>
245			Chatra	Yet to be upload on website.
246			Deoghar	<a href="https://deoghar.nic.in/document/district-plan/">https://deoghar.nic.in/document/district-plan/</a>
247			Dhanbad	<a href="https://cdn.s3waas.gov.in/s337f0e884fbad9667e38940169d0a3c95/uploads/2021032210.pdf">https://cdn.s3waas.gov.in/s337f0e884fbad9667e38940169d0a3c95/uploads/2021032210.pdf</a>
248			Dumka	<a href="https://dumka.nic.in/document/district-environment-plan/">https://dumka.nic.in/document/district-environment-plan/</a>
249			East Singhbhum	<a href="https://cdn.s3waas.gov.in/s33dc4876f3f08201c7c76cb71fa1da439/uploads/2020/08/2020081450.pdf">https://cdn.s3waas.gov.in/s33dc4876f3f08201c7c76cb71fa1da439/uploads/2020/08/2020081450.pdf</a>
250			Garhwa	<a href="https://garhwa.nic.in/notice/garhwa-district-environment-management-plan/">https://garhwa.nic.in/notice/garhwa-district-environment-management-plan/</a>
251			Giridih	<a href="https://cdn.s3waas.gov.in/s39b72e31dac81715466cd580a448cf823/uploads/2020/11/2020111851.pdf">https://cdn.s3waas.gov.in/s39b72e31dac81715466cd580a448cf823/uploads/2020/11/2020111851.pdf</a>
252			Godda	<a href="https://godda.nic.in/notice/district-environment-plan-for-godda-district/">https://godda.nic.in/notice/district-environment-plan-for-godda-district/</a>
253			Gumla	<a href="https://gumla.nic.in/district-environment-plan/">https://gumla.nic.in/district-environment-plan/</a>
254			Hazaribagh	<a href="https://hazaribag.nic.in/document/district-environmental-plan/">https://hazaribag.nic.in/document/district-environmental-plan/</a>
255			Jamtara	<a href="https://cdn.s3waas.gov.in/s313f320e7b5ead1024ac95c3b208610db/uploads/2021/01/2021010810.pdf">https://cdn.s3waas.gov.in/s313f320e7b5ead1024ac95c3b208610db/uploads/2021/01/2021010810.pdf</a>



256		Khunti	<a href="https://cdn.s3waas.gov.in/s301f78be6f7cad02658508fe4616098a9/uploads/2021/01/2021010522.pdf">https://cdn.s3waas.gov.in/s301f78be6f7cad02658508fe4616098a9/uploads/2021/01/2021010522.pdf</a>
257		Koderma	Yet to be upload on website.
258		Latehar	<a href="https://latehar.nic.in/document/district-environment-plan-for-latehar-district-jharkhand/">https://latehar.nic.in/document/district-environment-plan-for-latehar-district-jharkhand/</a>
259		Lohardaga	<a href="https://lohardaga.nic.in/notice/district-environment-plan-lohardaga-district-jharkhand/">https://lohardaga.nic.in/notice/district-environment-plan-lohardaga-district-jharkhand/</a>
260		Pakur	<a href="https://cdn.s3waas.gov.in/s3df877f3865752637daa540ea9cbc474f/uploads/2021/09/2021090890.pdf">https://cdn.s3waas.gov.in/s3df877f3865752637daa540ea9cbc474f/uploads/2021/09/2021090890.pdf</a>
261		Palamu	Yet to be upload on website.
262		Ramgarh	<a href="https://cdn.s3waas.gov.in/s3e165421110ba03099a1c0393373c5b43/uploads/2021/08/2021082398.pdf">https://cdn.s3waas.gov.in/s3e165421110ba03099a1c0393373c5b43/uploads/2021/08/2021082398.pdf</a>
263		Ranchi	<a href="https://ranchi.nic.in/notice/district-environment-plan-of-ranchi-district/">https://ranchi.nic.in/notice/district-environment-plan-of-ranchi-district/</a>
264		Sahebganj	<a href="https://sahebganj.nic.in/document/district-environment-plan/">https://sahebganj.nic.in/document/district-environment-plan/</a>
265		Seraikela Kharsawan	<a href="https://seraikela.nic.in/document/district-environment-plan/">https://seraikela.nic.in/document/district-environment-plan/</a>
266		Simdega	<a href="https://simdega.nic.in/en/forest-division/">https://simdega.nic.in/en/forest-division/</a>
267		West Singhbhum	<a href="https://chaibasa.nic.in/district-environment-plan/">https://chaibasa.nic.in/district-environment-plan/</a>
268	Karnataka	Bagalkot	<a href="https://cdn.s3waas.gov.in/s3a1d33d0dfec820b41b54430b50e96b5c/uploads/2021/11/2021111579.pdf">https://cdn.s3waas.gov.in/s3a1d33d0dfec820b41b54430b50e96b5c/uploads/2021/11/2021111579.pdf</a>
269		Bangalore Rural	Yet to be upload on website.
270		Bangalore Urban	<a href="https://bengaluruurban.nic.in/en/document/district-environment-plan-in-respect-of-oa-360-of-2018-of-honble-ngt/">https://bengaluruurban.nic.in/en/document/district-environment-plan-in-respect-of-oa-360-of-2018-of-honble-ngt/</a>
271		Belgaum	<a href="https://belagavi.nic.in/en/district-environmental-management-plan/">https://belagavi.nic.in/en/district-environmental-management-plan/</a>
272		Bellary	Yet to be upload on website.
273		Bidar	<a href="https://cdn.s3waas.gov.in/s32ca65f58e35d9ad45bf7f3ae5cfd08f1/uploads/2021/11/20211111099.pdf">https://cdn.s3waas.gov.in/s32ca65f58e35d9ad45bf7f3ae5cfd08f1/uploads/2021/11/20211111099.pdf</a>
274		Chamarajanagar	<a href="https://chamrainagar.nic.in/en/district-environment-plan-2/">https://chamrainagar.nic.in/en/district-environment-plan-2/</a>
275		Chikkaballapur	
276		Chikkamagaluru	Yet to be upload on website.
277		Chitradurga	<a href="https://chitradurga.nic.in/en/demp/">https://chitradurga.nic.in/en/demp/</a>
278		Dakshina Kannada	<a href="https://dk.nic.in/en/document/district-environmental-plan/">https://dk.nic.in/en/document/district-environmental-plan/</a>
279		Davanagere	<a href="https://davanagere.nic.in/en/district-environmental-plan-3/">https://davanagere.nic.in/en/district-environmental-plan-3/</a>
280		Dharwad	<a href="http://dharwad.nic.in/documents/DistrictEnvironmentalPlan.pdf">http://dharwad.nic.in/documents/DistrictEnvironmentalPlan.pdf</a>
281		Gadag	<a href="https://gadag.nic.in/en/gadag-district-environmental-plan/">https://gadag.nic.in/en/gadag-district-environmental-plan/</a>
282		Gulbarga	Yet to be upload on website.
283		Hassan	<a href="https://hassan.nic.in/en/karnataka-state-pollution-control-board/">https://hassan.nic.in/en/karnataka-state-pollution-control-board/</a>
284		Haveri	<a href="https://cdn.s3waas.gov.in/s3d5cfead94f5350c12c322b5b664544c1/uploads/2021/10/2021101351.pdf">https://cdn.s3waas.gov.in/s3d5cfead94f5350c12c322b5b664544c1/uploads/2021/10/2021101351.pdf</a>
285		Kodagu	<a href="https://kodagu.nic.in/en/document/district-environment-plan/">https://kodagu.nic.in/en/document/district-environment-plan/</a>
286		Kolar	Yet to be upload on website.



287			Koppal	<a href="https://koppal.nic.in/en/koppal-district-environmental-plan2020-21/">https://koppal.nic.in/en/koppal-district-environmental-plan2020-21/</a>
288			Mandya	Yet to be upload on website.
289			Mysore	<a href="https://mysore.nic.in/en/notice/district-environmental-plan/">https://mysore.nic.in/en/notice/district-environmental-plan/</a>
290			Raichur	
291			Ramanagara	
292			Shimoga	
293			Tumkur	Yet to be upload on website.
294			Udupi	<a href="https://udupi.nic.in/en/udupi-district-environment-plan/">https://udupi.nic.in/en/udupi-district-environment-plan/</a>
295			Uttara Kannada	<a href="http://uttarakannada.nic.in/docs/publication/DistrictEnvironmentalPlan20212020.pdf">http://uttarakannada.nic.in/docs/publication/DistrictEnvironmentalPlan20212020.pdf</a>
296			Vijayapura	<a href="https://vijayapura.nic.in/en/document/district-environmental-plan/">https://vijayapura.nic.in/en/document/district-environmental-plan/</a>
297			Yadgir	Yet to be upload on website.
298	Kerala	14	Alappuzha	<a href="https://alappuzha.nic.in/en/document/district-environment-plan/">https://alappuzha.nic.in/en/document/district-environment-plan/</a>
299			Ernakulam	<a href="https://ernakulam.nic.in/document/ernakulam-district-environment-plan/">https://ernakulam.nic.in/document/ernakulam-district-environment-plan/</a>
300			Idukki	<a href="https://idukki.nic.in/en/document-category/district-environment-plan/">https://idukki.nic.in/en/document-category/district-environment-plan/</a>
301			Kannur	Yet to be upload on website.
302			Kasaragod	<a href="https://kasargod.nic.in/notice/district-environment-plan-for-kasaragod/">https://kasargod.nic.in/notice/district-environment-plan-for-kasaragod/</a>
303			Kollam	<a href="https://kollam.nic.in/en/notice/district-environment-plan/">https://kollam.nic.in/en/notice/district-environment-plan/</a>
304			Kottayam	<a href="https://kottayam.nic.in/en/notice/district-environment-plan-for-kottayam/">https://kottayam.nic.in/en/notice/district-environment-plan-for-kottayam/</a>
305			Kozhikode	Yet to be upload on website.
306			Malappuram	<a href="https://malappuram.nic.in/en/district-environment-plan/">https://malappuram.nic.in/en/district-environment-plan/</a>
307			Palakkad	<a href="https://palakkad.nic.in/document/district-environment-plan-2021/">https://palakkad.nic.in/document/district-environment-plan-2021/</a>
308			Pathanamthitta	<a href="https://pathanamthitta.nic.in/en/notice/district-environment-plan-dep/">https://pathanamthitta.nic.in/en/notice/district-environment-plan-dep/</a>
309			Thiruvananthapuram	<a href="https://trivandrum.nic.in/en/document/district-environment-plan/">https://trivandrum.nic.in/en/document/district-environment-plan/</a>
310			Thrissur	<a href="https://thrissur.nic.in/document/district-environment-plan/">https://thrissur.nic.in/document/district-environment-plan/</a>
311			Wayanad	<a href="https://wayanad.gov.in/documents/">https://wayanad.gov.in/documents/</a>
312	Ladakh	2	Kargil	<a href="https://kargil.nic.in/document/environmental-plan-of-kargil-district/">https://kargil.nic.in/document/environmental-plan-of-kargil-district/</a>
313			Leh	Yet to be upload on website.
314	Lakshadweep	1	Lakshadweep	<a href="https://cdn.s3waas.gov.in/s358238e9ae2dd305d79c2ebc8c1883422/uploads/2019/12/2019122450.pdf">https://cdn.s3waas.gov.in/s358238e9ae2dd305d79c2ebc8c1883422/uploads/2019/12/2019122450.pdf</a>
315	Madhya Pradesh	52	Agar Malwa	<a href="https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjNoPrwysb0AhWIT2wGHZY1BvUQFnoECAYQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3b1d10e7bafa4421218a51b1e1f1b0ba2%2Fuploads%2F2021%2F10%2F2021100113.pdf&amp;usg=AOvVaw3zPk10V7swIW7z5PrnGRFi">https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjNoPrwysb0AhWIT2wGHZY1BvUQFnoECAYQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3b1d10e7bafa4421218a51b1e1f1b0ba2%2Fuploads%2F2021%2F10%2F2021100113.pdf&amp;usg=AOvVaw3zPk10V7swIW7z5PrnGRFi</a>
316			Alirajpur	<a href="https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiO5vKby">https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiO5vKby</a>



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317		Anuppur	Yet to be upload on website.
318		Ashoknagar	<a href="https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwj8o7Wy8b0AhWuwzgGHWONApEQFnoECAYQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3a5e00132373a7031000fd987a3c9f87b%2Fuploads%2F2021%2F09%2F2021092247.pdf&amp;usg=AOvVaw22Sq2IXtoRKxxmQH9lc9Uj">https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwj8o7Wy8b0AhWuwzgGHWONApEQFnoECAYQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3a5e00132373a7031000fd987a3c9f87b%2Fuploads%2F2021%2F09%2F2021092247.pdf&amp;usg=AOvVaw22Sq2IXtoRKxxmQH9lc9Uj</a>
319		Balaghat	Yet to be upload on website.
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344	Morena	Yet to be upload on website.
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398		Solapur	<a href="https://mpcb.gov.in/sites/default/files/environmentactionplan/Solapur23062021.pdf">https://mpcb.gov.in/sites/default/files/environmentactionplan/Solapur23062021.pdf</a>
399		Thane	<a href="https://mpcb.gov.in/sites/default/files/environmentactionplan/Thane23062021.pdf">https://mpcb.gov.in/sites/default/files/environmentactionplan/Thane23062021.pdf</a>
400		Wardha	<a href="https://mpcb.gov.in/sites/default/files/environmentactionplan/Wardha23062021.pdf">https://mpcb.gov.in/sites/default/files/environmentactionplan/Wardha23062021.pdf</a>
401		Washim	<a href="https://mpcb.gov.in/sites/default/files/environmentactionplan/Washim23062021.pdf">https://mpcb.gov.in/sites/default/files/environmentactionplan/Washim23062021.pdf</a>
402		Yavatmal	<a href="https://mpcb.gov.in/sites/default/files/environmentactionplan/Yavatmal23062021.pdf">https://mpcb.gov.in/sites/default/files/environmentactionplan/Yavatmal23062021.pdf</a>
403		Bishnupur	Yet to be upload on website.
404		Chandel	
405		Churachandpur	
406		Imphal East	
407		Imphal West	
408		Jiribam	
409		Kakching	<a href="https://cdn.s3waas.gov.in/s39cfd10e8fc047a44b08ed031e1f0ed1/uploads/2021/09/2021090260.pdf">https://cdn.s3waas.gov.in/s39cfd10e8fc047a44b08ed031e1f0ed1/uploads/2021/09/2021090260.pdf</a>
410		Kamjong	Yet to be upload on website.
411		Kangpokpi	
412		Noney	
413		Pherzawl	
414		Senapati	
415		Tamenglong	
416		Tengnoupal	
417		Thoubal	
418	Manipur	Ukhrul	<a href="https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiEuYT40Mb0AhWOTWwGHZGqAQUQFnoECA4QAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2F%2Fs3598b3e71ec378bd83e0a727608b5db01%2Fuploads%2F2021%2F10%2F2021103024.pdf&amp;usg=AOvVaw2wamK-gj4A2BggfTLXDlyj">https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiEuYT40Mb0AhWOTWwGHZGqAQUQFnoECA4QAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2F%2Fs3598b3e71ec378bd83e0a727608b5db01%2Fuploads%2F2021%2F10%2F2021103024.pdf&amp;usg=AOvVaw2wamK-gj4A2BggfTLXDlyj</a>



419	Meghalaya	11	East Garo Hills	Yet to be upload on website. <a href="https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwi4u7nu0sb0AhV4zTgGHTP6CxAQFnoECAIQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs314bfa6bb14875e45bba028a21ed38046%2Fuploads%2F2021%2F04%2F2021041376.pdf&amp;usg=AOvVaw0cFmNFhrZGAD8JWIqTSTaR">https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwi4u7nu0sb0AhV4zTgGHTP6CxAQFnoECAIQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs314bfa6bb14875e45bba028a21ed38046%2Fuploads%2F2021%2F04%2F2021041376.pdf&amp;usg=AOvVaw0cFmNFhrZGAD8JWIqTSTaR</a>
420			East Jaintia Hills	
421			East Khasi Hills	
422			North Garo Hills	
423			Ri Bhoi	
424			South Garo Hills	
425			South West Garo Hills	
426			South West Khasi Hills	
				Yet to be upload on website.
427			West Garo Hills	
428			West Jaintia Hills	
429			West Khasi Hills	
430	Mizoram	8	Aizawl	Yet to be upload on website.
431			Champhai	
432			Kolasib	
433			Lawngtlai	
434			Lunglei	
435			Mamit	
436			Saiha	
437			Serchhip	
438	Nagaland	11	Dimapur	Yet to be upload on website.
439			Kiphire	
440			Kohima	
441			Longleng	
442			Mokokchung	
443			Noklak	
444			Peren	
445			Phek	
446			Tuensang	
447			Wokha	
448			Zunheboto	
449	Odisha	30	Angul	
450			Balangir	
451			Balasore	
452			Bargarh	
453			Bhadrak	
454			Boudh	
455			Cuttack	
456			Debagarh	
457			Dhenkanal	
458			Gajapati	
459			Ganjam	
460			Jagatsinghpur	
461			Jajpur	
462			Jharsuguda	
463			Kalahandi	



464			Kandhamal	
465			Kendrapara	Yet to be upload on website.
466			Kendujhar	
467			Khordha	
468			Koraput	
469			Malkangiri	
470			Mayurbhanj	
471			Nabarangpur	
472			Nayagarh	
473			Nuapada	
474			Puri	
475			Rayagada	
476			Sambalpur	
477			Subarnapur	
478			Sundergarh	
479			Karaikal	<a href="https://cdn.s3waas.gov.in/s3ec8ce6abb3e952a85b8551ba726a1227/uploads/2021/11/2021111141.pdf">https://cdn.s3waas.gov.in/s3ec8ce6abb3e952a85b8551ba726a1227/uploads/2021/11/2021111141.pdf</a>
480	Puducherry	4	Mahe	<a href="https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiE8eSj1sb0AhVJzzgGHcBSDyYQFnoECAIQAQ&amp;url=https%3A%2F%2Fdste.py.gov.in%2FEnvispdy%2Fassets%2Fpdf%2FAction%2520Plan%2FDistrict%2520Environment%2520Plan%2520-%2520Puducherry.pdf&amp;usg=AOvVaw3P7MNCJyRxfeVCbOcfQ0Fo">https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiE8eSj1sb0AhVJzzgGHcBSDyYQFnoECAIQAQ&amp;url=https%3A%2F%2Fdste.py.gov.in%2FEnvispdy%2Fassets%2Fpdf%2FAction%2520Plan%2FDistrict%2520Environment%2520Plan%2520-%2520Puducherry.pdf&amp;usg=AOvVaw3P7MNCJyRxfeVCbOcfQ0Fo</a>
481			Puducherry	<a href="https://dste.py.gov.in/Envispdy/assets/pdf/Action%20Plan/District%20Environment%20Plan%20-%20Puducherry.pdf">https://dste.py.gov.in/Envispdy/assets/pdf/Action%20Plan/District%20Environment%20Plan%20-%20Puducherry.pdf</a>
482			Yanam	<a href="https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiE8eSj1sb0AhVJzzgGHcBSDyYQFnoECAYQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3b4288d9c0ec0a1841b3b3728321e7088%2Fuploads%2F2021%2F11%2F2021111664.pdf&amp;usg=AOvVaw1S6_D8ZOHMmZG5yP3Cpg1o">https://www.google.co.in/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiE8eSj1sb0AhVJzzgGHcBSDyYQFnoECAYQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3b4288d9c0ec0a1841b3b3728321e7088%2Fuploads%2F2021%2F11%2F2021111664.pdf&amp;usg=AOvVaw1S6_D8ZOHMmZG5yP3Cpg1o</a>
483			Amritsar	Yet to be upload on website.
484	Punjab	22	Barnala	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjByvCe88b0AhVMyzgGHYLVDX4QFnoECAQQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs32291d2ec3b3048d1a6f86c2c4591b7e0%2Fuploads%2F2021%2F11%2F2021111561.pdf&amp;usg=AOvVaw1GhMPghKUd1GpeiwM-VXur">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjByvCe88b0AhVMyzgGHYLVDX4QFnoECAQQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs32291d2ec3b3048d1a6f86c2c4591b7e0%2Fuploads%2F2021%2F11%2F2021111561.pdf&amp;usg=AOvVaw1GhMPghKUd1GpeiwM-VXur</a>
485			Bathinda	
486			Faridkot	
487			Fatehgarh Sahib	
488			Fazilka	Yet to be upload on website.
489			Firozpur	
490			Gurdaspur	
491			Hoshiarpur	
492			Jalandhar	<a href="https://cdn.s3waas.gov.in/s30c74b7f78409a4022a2c4c5a5ca3ee19/unloads/2021/11/2021110865.pdf">https://cdn.s3waas.gov.in/s30c74b7f78409a4022a2c4c5a5ca3ee19/unloads/2021/11/2021110865.pdf</a>
493			Kapurthala	<a href="https://cdn.s3waas.gov.in/s3274ad4786c3abca69fa097b85867d9a4/unloads/2021/11/2021112273.pdf">https://cdn.s3waas.gov.in/s3274ad4786c3abca69fa097b85867d9a4/unloads/2021/11/2021112273.pdf</a>



494		Ludhiana	<a href="https://cdn.s3waas.gov.in/s363923f49e5241343aa7acb6a06a751e7/unloads/2021/10/2021100848.pdf">https://cdn.s3waas.gov.in/s363923f49e5241343aa7acb6a06a751e7/unloads/2021/10/2021100848.pdf</a>
495		Mansa	
496		Moga	
497		Mohali	
498		Muktsar	
499		Pathankot	
500		Patiala	
501		Rupnagar	
502		Sangrur	
503		Shaheed Bhagat Singh Nagar	
504		Tarn Taran	Yet to be upload on website.
505		Ajmer	Yet to be upload on website.
506		Alwar	
507		Banswara	
508		Baran	
509		Barmer	
510		Bharatpur	
511		Bhilwara	
512		Bikaner	
513		Bundi	
514		Chittorgarh	
515		Churu	
516		Dausa	
517		Dholpur	
518		Dungarpur	
519		Hanumangarh	
520		Jaipur	
521		Jaisalmer	
522		Jalore	
523		Jhalawar	
524		Jhunjhunu	
525		Jodhpur	
526		Karauli	
527		Kota	
528		Nagaur	
529		Pali	
530		Pratapgarh	
531		Rajsamand	
532		Sawai Madhopur	
533		Sikar	
534		Sirohi	
535		Sri Ganganagar	
536		Tonk	
537		Udaipur	
538		East Sikkim	<a href="http://sikervis.nic.in/WriteReadData/UserFiles/file/DISTRICT%20ENVIRONMENT%20PLAN%20EAST%20FINAL.pdf">http://sikervis.nic.in/WriteReadData/UserFiles/file/DISTRICT%20ENVIRONMENT%20PLAN%20EAST%20FINAL.pdf</a>
539	Sikkim	North Sikkim	<a href="http://sikervis.nic.in/WriteReadData/UserFiles/file/DISTRICT%20ENVIRONMENT%20PLAN%20NORTH%20FINAL.pdf">http://sikervis.nic.in/WriteReadData/UserFiles/file/DISTRICT%20ENVIRONMENT%20PLAN%20NORTH%20FINAL.pdf</a>



540		South Sikkim	<a href="http://sikenvis.nic.in/WriteReadData/UserFiles/file/DISTRICT%20ENVIRONMENT%20PLAN%20SOUTH%20FINAL.pdf">http://sikenvis.nic.in/WriteReadData/UserFiles/file/DISTRICT%20ENVIRONMENT%20PLAN%20SOUTH%20FINAL.pdf</a>	
541		West Sikkim	<a href="http://sikenvis.nic.in/WriteReadData/UserFiles/file/DISTRICT%20ENVIRONMENT%20PLAN%20WEST%20FINAL.pdf">http://sikenvis.nic.in/WriteReadData/UserFiles/file/DISTRICT%20ENVIRONMENT%20PLAN%20WEST%20FINAL.pdf</a>	
542	Tamil Nadu	38	Ariyalur	<a href="https://cdn.s3waas.gov.in/s319f3cd308f1455b3fa09a282e0d496f4/uploads/2019/12/2019121687.pdf">https://cdn.s3waas.gov.in/s319f3cd308f1455b3fa09a282e0d496f4/uploads/2019/12/2019121687.pdf</a>
543			Chengalpattu	Yet to be upload on website.
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546			Cuddalore	Yet to be upload on website.
547			Dharmapuri	<a href="https://cdn.s3waas.gov.in/s366368270ffd51418ec58bd793f2d9b1b/uploads/2019/11/2019112919.pdf">https://cdn.s3waas.gov.in/s366368270ffd51418ec58bd793f2d9b1b/uploads/2019/11/2019112919.pdf</a>
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549			Erode	
550			Kallakurichi	Yet to be upload on website.
551			Kanchipuram	<a href="https://cdn.s3waas.gov.in/s31543843a4723ed2ab08e18053ae6dc5b/uploads/2019/11/2019110485.pdf">https://cdn.s3waas.gov.in/s31543843a4723ed2ab08e18053ae6dc5b/uploads/2019/11/2019110485.pdf</a>
552			Kanyakumari	
553			Karur	Yet to be upload on website.
554			Krishnagiri	<a href="https://cdn.s3waas.gov.in/s37eacb532570ff6858afd2723755ff790/uploads/2019/11/2019112965.pdf">https://cdn.s3waas.gov.in/s37eacb532570ff6858afd2723755ff790/uploads/2019/11/2019112965.pdf</a>
555			Madurai	<a href="https://cdn.s3waas.gov.in/s3f5f8590cd58a54e94377e6ae2eded4d9/uploads/2019/08/2019083049.pdf">https://cdn.s3waas.gov.in/s3f5f8590cd58a54e94377e6ae2eded4d9/uploads/2019/08/2019083049.pdf</a>
556			Mayiladuthurai	Yet to be upload on website.
557			Nagapattinam	<a href="https://cdn.s3waas.gov.in/s3c203d8a151612acf12457e4d67635a95/uploads/2019/09/2019091259.pdf">https://cdn.s3waas.gov.in/s3c203d8a151612acf12457e4d67635a95/uploads/2019/09/2019091259.pdf</a>
558			Namakkal	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiirazp9cb0AhUBSmwGHbwJBX8QFnoECAkQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3b9228e0962a78b84f3d5d92f4faa000b%2Fuploads%2F2019%2F11%2F2019112865.pdf&amp;usg=AOvVaw1B4fPpEhWtg787KXS7F9q">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiirazp9cb0AhUBSmwGHbwJBX8QFnoECAkQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3b9228e0962a78b84f3d5d92f4faa000b%2Fuploads%2F2019%2F11%2F2019112865.pdf&amp;usg=AOvVaw1B4fPpEhWtg787KXS7F9q</a>
559			Nilgiris	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwi9o7Cc9sb0AhXQzDgGHTr2Ak4QFnoECAMQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs339461a19e9eddfb385ea76b26521ea48%2Fuploads%2F2019%2F10%2F2019101735.pdf&amp;usg=AOvVaw2cVMvXLu0PMZo6NvTtSzzh">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwi9o7Cc9sb0AhXQzDgGHTr2Ak4QFnoECAMQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs339461a19e9eddfb385ea76b26521ea48%2Fuploads%2F2019%2F10%2F2019101735.pdf&amp;usg=AOvVaw2cVMvXLu0PMZo6NvTtSzzh</a>
560			Perambalur	<a href="https://cdn.s3waas.gov.in/s3550a141f12de6341fba65b0ad0433500/uploads/2020/01/20200108100.pdf">https://cdn.s3waas.gov.in/s3550a141f12de6341fba65b0ad0433500/uploads/2020/01/20200108100.pdf</a>
561			Pudukkottai	<a href="https://cdn.s3waas.gov.in/s342e7aaa88b48137a16a1acd04ed91125/uploads/2020/01/2020012033.pdf">https://cdn.s3waas.gov.in/s342e7aaa88b48137a16a1acd04ed91125/uploads/2020/01/2020012033.pdf</a>
562			Ramanathapuram	<a href="https://cdn.s3waas.gov.in/s3f9b902fc3289af4dd08de5d1de54f68f/uploads/2019/10/2019101699.pdf">https://cdn.s3waas.gov.in/s3f9b902fc3289af4dd08de5d1de54f68f/uploads/2019/10/2019101699.pdf</a>
563			Ranipet	Yet to be upload on website.
564			Salem	<a href="https://cdn.s3waas.gov.in/s3c81e728d9d4c2f636f067f89cc14862c/uploads/2019/12/2019121759.pdf">https://cdn.s3waas.gov.in/s3c81e728d9d4c2f636f067f89cc14862c/uploads/2019/12/2019121759.pdf</a>
565			Sivaganga	Yet to be upload on website.



566			Tenkasi	
567			Thanjavur	
568			Theni	
569			Thoothukudi	
570			Tiruchirappalli	
			Tirunelveli	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjlr9zK_8b0AhWVwjGHHX7ACJAFNoECAIQAAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs36a9aeddffc689c1d0e3b9ccc3ab651bc5%2Fuploads%2F2019%2F11%2F2019111330.pdf&amp;usg=AOvVaw2RVJWlQpogZqx7K3KIhOY">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjlr9zK_8b0AhWVwjGHHX7ACJAFNoECAIQAAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs36a9aeddffc689c1d0e3b9ccc3ab651bc5%2Fuploads%2F2019%2F11%2F2019111330.pdf&amp;usg=AOvVaw2RVJWlQpogZqx7K3KIhOY</a>
571			Tirupattur	Yet to be upload on website.
572			Tiruppur	<a href="https://cdn.s3waas.gov.in/s3d1f255a373a3cef72e03aa9d980c7eca/uploads/2020/09/2020092524.pdf">https://cdn.s3waas.gov.in/s3d1f255a373a3cef72e03aa9d980c7eca/uploads/2020/09/2020092524.pdf</a>
573			Tiruvallur	<a href="https://cdn.s3waas.gov.in/s39431c87f273e507e6040fcb07dcb4509/uploads/2019/12/2019120533.pdf">https://cdn.s3waas.gov.in/s39431c87f273e507e6040fcb07dcb4509/uploads/2019/12/2019120533.pdf</a>
574			Tiruvannamalai	Yet to be upload on website.
575				
			Tiruvarur	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjuw7Deg8f0AhWKzDgGHQs4DB8QFNoECAsQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3e46de7e1bcaaced9a54f1e9d0d2f800d%2Fuploads%2F2019%2F12%2F2019120938.pdf&amp;usg=AOvVaw2b_-E0lUjjoigc5RFDahT9">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjuw7Deg8f0AhWKzDgGHQs4DB8QFNoECAsQAQ&amp;url=https%3A%2F%2Fcdn.s3waas.gov.in%2Fs3e46de7e1bcaaced9a54f1e9d0d2f800d%2Fuploads%2F2019%2F12%2F2019120938.pdf&amp;usg=AOvVaw2b_-E0lUjjoigc5RFDahT9</a>
576			Vellore	
577			Viluppuram	Yet to be upload on website.
578			Virudhunagar	<a href="https://cdn.s3waas.gov.in/s3c86a7ee3d8ef0b551ed58e354a836f2b/uploads/2020/02/2020021937.pdf">https://cdn.s3waas.gov.in/s3c86a7ee3d8ef0b551ed58e354a836f2b/uploads/2020/02/2020021937.pdf</a>
579				
			Adilabad	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjl_OifhMf0AhUTzTgGHV9QBbUQFNoECA8QAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FAdilabad%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw1ulUfU55RZHntWlviR0WiA">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjl_OifhMf0AhUTzTgGHV9QBbUQFNoECA8QAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FAdilabad%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw1ulUfU55RZHntWlviR0WiA</a>
580			Bhadradi Kothagudem	Yet to be upload on website.
581			Hyderabad	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwirlKK3hMf0AhXjJKYKHRrPAYUQFNoECAwQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FHyderabad%2520DEP%2520Plan%2520Non%2520Attainment%2520City-converted.pdf&amp;usg=AOvVaw2L4jBaFfvLzWPAopQ1Wa7V">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwirlKK3hMf0AhXjJKYKHRrPAYUQFNoECAwQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FHyderabad%2520DEP%2520Plan%2520Non%2520Attainment%2520City-converted.pdf&amp;usg=AOvVaw2L4jBaFfvLzWPAopQ1Wa7V</a>
582	Telangana	33	Jagtial	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjK_tfAhMf0AhWwyosBHfNzDD0QFNoECAsQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FJagtial%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw3yjaVKxixFPJqtB2i-rrr">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjK_tfAhMf0AhWwyosBHfNzDD0QFNoECAsQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FJagtial%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw3yjaVKxixFPJqtB2i-rrr</a>
583			Jangaon	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjn-8HnhMf0AhWJxDgGHWXHCQYQFNoECAMQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FJangaon%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw1iM8Ncr6O6ilHs41sSkUO1">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjn-8HnhMf0AhWJxDgGHWXHCQYQFNoECAMQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FJangaon%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw1iM8Ncr6O6ilHs41sSkUO1</a>
584				



585		Jayashankar	<a href="https://tspcb.cgg.gov.in/DEP/Jayashankar%20district%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Jayashankar%20district%20DEP%20Plan-converted.pdf</a>
586		Jogulamba	<a href="https://tspcb.cgg.gov.in/DEP/Jogulamba%20Gadwal%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Jogulamba%20Gadwal%20DEP%20Plan-converted.pdf</a>
587		Kamareddy	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjqrPWhcf0AhV7TmwGHcO9DCMQFnoECAkQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FKamareddy%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw3aiBDTaJ0dCvXQyD7cNQAY">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjqrPWhcf0AhV7TmwGHcO9DCMQFnoECAkQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FKamareddy%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw3aiBDTaJ0dCvXQyD7cNQAY</a>
588		Karimnagar	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiju8jehcf0AhXaT2wGHUP2A4sQFnoECAIQAAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FKarimnagar%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw1Pr2CvH3kUK9num6_DUcuN">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwiju8jehcf0AhXaT2wGHUP2A4sQFnoECAIQAAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FKarimnagar%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw1Pr2CvH3kUK9num6_DUcuN</a>
589		Khammam	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwitvJHnhcf0AhUNTmwGHUMUDKkQFnoECAIQAAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FKhammam%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw08DE9NEBIPj29Z0FjBZ18M">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwitvJHnhcf0AhUNTmwGHUMUDKkQFnoECAIQAAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FKhammam%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw08DE9NEBIPj29Z0FjBZ18M</a>
590		Komaram Bheem	<a href="https://tspcb.cgg.gov.in/DEP/Komuram%20bheem%20%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Komuram%20bheem%20%20DEP%20Plan-converted.pdf</a>
591		Mahabubabad	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjhmbqChsf0AhX6TWwGHXvCCdMQFnoECAcQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FMahabubabadDEP%2520Plan-converted.pdf&amp;usg=AOvVaw1VWE-8oHT00OvkSTYYpY_y">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjhmbqChsf0AhX6TWwGHXvCCdMQFnoECAcQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FMahabubabadDEP%2520Plan-converted.pdf&amp;usg=AOvVaw1VWE-8oHT00OvkSTYYpY_y</a>
592		Mahbubnagar	<a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjukfivhcf0AhX8yzgGHWZMCP0QFnoECAoQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FMahabub%2520Nagar%2520%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw0G5szG3xxqbmPlvLVlxroA">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKEwjukfivhcf0AhX8yzgGHWZMCP0QFnoECAoQAQ&amp;url=https%3A%2F%2Ftspcb.cgg.gov.in%2FDEP%2FMahabub%2520Nagar%2520%2520DEP%2520Plan-converted.pdf&amp;usg=AOvVaw0G5szG3xxqbmPlvLVlxroA</a>
593		Mancherial	<a href="https://tspcb.cgg.gov.in/DEP/Mancherial%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Mancherial%20DEP%20Plan-converted.pdf</a>
594		Medak	<a href="https://tspcb.cgg.gov.in/DEP/Medak%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Medak%20DEP%20Plan-converted.pdf</a>
595		Medchal	<a href="https://tspcb.cgg.gov.in/DEP/Medchal%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Medchal%20DEP%20Plan-converted.pdf</a>
596		Mulugu	<a href="https://tspcb.cgg.gov.in/DEP/Mulugu%20DEP-converted.pdf">https://tspcb.cgg.gov.in/DEP/Mulugu%20DEP-converted.pdf</a>
597		Nagarkurnool	<a href="https://tspcb.cgg.gov.in/DEP/Nagarkurnool%20%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Nagarkurnool%20%20DEP%20Plan-converted.pdf</a>
598		Nalgonda	<a href="https://tspcb.cgg.gov.in/DEP/Nalgonda%20DEP%20Plan%20Non%20Attainment%20City-converted.pdf">https://tspcb.cgg.gov.in/DEP/Nalgonda%20DEP%20Plan%20Non%20Attainment%20City-converted.pdf</a>
599		Narayanpet	<a href="https://tspcb.cgg.gov.in/DEP/Narayanpet%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Narayanpet%20DEP%20Plan-converted.pdf</a>
600		Nirmal	<a href="https://tspcb.cgg.gov.in/DEP/Nirmal%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Nirmal%20DEP%20Plan-converted.pdf</a>



601		Nizamabad	<a href="https://tspcb.cgg.gov.in/DEP/Nizamabad%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Nizamabad%20DEP%20Plan-converted.pdf</a>
602		Peddapalli	<a href="https://tspcb.cgg.gov.in/DEP/Peddapalli%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Peddapalli%20DEP%20Plan-converted.pdf</a>
603		Rajanna Sircilla	<a href="https://tspcb.cgg.gov.in/DEP/Rajanna%20Sircilla%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Rajanna%20Sircilla%20DEP%20Plan-converted.pdf</a>
604		Ranga Reddy	<a href="https://tspcb.cgg.gov.in/DEP/Rangareddy%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Rangareddy%20DEP%20Plan-converted.pdf</a>
605		Sangareddy	<a href="https://tspcb.cgg.gov.in/DEP/Sangareddy%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Sangareddy%20DEP%20Plan-converted.pdf</a>
606		Siddipet	<a href="https://tspcb.cgg.gov.in/DEP/Siddipet%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Siddipet%20DEP%20Plan-converted.pdf</a>
607		Suryapet	<a href="https://tspcb.cgg.gov.in/DEP/Suryapet%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Suryapet%20DEP%20Plan-converted.pdf</a>
608		Vikarabad	<a href="https://tspcb.cgg.gov.in/DEP/Vikarabad%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Vikarabad%20DEP%20Plan-converted.pdf</a>
609		Wanaparthy	<a href="https://tspcb.cgg.gov.in/DEP/Wanaparthy%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Wanaparthy%20DEP%20Plan-converted.pdf</a>
610		Warangal Rural	<a href="https://tspcb.cgg.gov.in/DEP/Warangal%20Rural%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Warangal%20Rural%20DEP%20Plan-converted.pdf</a>
611		Warangal Urban	<a href="https://tspcb.cgg.gov.in/DEP/Warangal%20Urban%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Warangal%20Urban%20DEP%20Plan-converted.pdf</a>
612		Yadadri Bhuvanagiri	<a href="https://tspcb.cgg.gov.in/DEP/Yadadri%20bhuvanagiri%20DEP%20Plan-converted.pdf">https://tspcb.cgg.gov.in/DEP/Yadadri%20bhuvanagiri%20DEP%20Plan-converted.pdf</a>
613	Tripura	Dhalai	<a href="https://cdn.s3waas.gov.in/s3e4a6222cdb5b34375400904f03d8e6a5/uploads/2019/12/2019120477.pdf">https://cdn.s3waas.gov.in/s3e4a6222cdb5b34375400904f03d8e6a5/uploads/2019/12/2019120477.pdf</a>
614		Gomati	Yet to be upload on website.
615		Khowai	
616		North Tripura	
617		Sepahijala	
618		South Tripura	
619		Unakoti	
620		West Tripura	<a href="https://cdn.s3waas.gov.in/s3185c29dc24325934ee377cfda20e414c/uploads/2019/12/2019122189.pdf">https://cdn.s3waas.gov.in/s3185c29dc24325934ee377cfda20e414c/uploads/2019/12/2019122189.pdf</a>
621	Uttar Pradesh	Agra	Yet to be upload on website.
622		Aligarh	
623		Ambedkar Nagar	
624		Amethi	
625		Amroha	
626		Auraiya	
627		Ayodhya	
628		Azamgarh	
629		Baghpat	
630		Bahraich	
631		Ballia	
632		Balrampur	
633		Banda	
634		Barabanki	
635		Bareilly	
636		Basti	
637		Bhadohi	
638		Bijnor	



639	Budaun
640	Bulandshahr
641	Chandauli
642	Chitrakoot
643	Deoria
644	Etah
645	Etawah
646	Farrukhabad
647	Fatehpur
648	Firozabad
649	Gautam Buddha Nagar
650	Ghaziabad
651	Ghazipur
652	Gonda
653	Gorakhpur
654	Hamirpur
655	Hapur
656	Hardoi
657	Hathras
658	Jalaun
659	Jaunpur
660	Jhansi
661	Kannauj
662	Kanpur Dehat
663	Kanpur Nagar
664	Kasganj
665	Kaushambi
666	Kheri
667	Kushinagar
668	Lalitpur
669	Lucknow
670	Maharajganj
671	Mahoba
672	Mainpuri
673	Mathura
674	Mau
675	Meerut
676	Mirzapur
677	Moradabad
678	Muzaffarnagar
679	Pilibhit
680	Pratapgarh
681	Prayagraj
682	Raebareli
683	Rampur
684	Saharanpur
685	Sambhal
686	Sant Kabir Nagar
687	Shahjahanpur
688	Shamli



689			Shravasti	
690			Siddharthnagar	
691			Sitapur	
692			Sonbhadra	
			Sultanpur	District Environmental Plan of District Sultanpur, UP in OA No. 360 of 2018 (Shree Nath Sharma Vs. UOI & Ors.).pdf (greentribunal.gov.in)
693			Unnao	
694			Varanasi	Yet to be upload on website.
696	Uttarakhand	13	Almora	Yet to be upload on website.
697			Bageshwar	
698			Chamoli	
699			Champawat	
700			Dehradun	
701			Haridwar	
702			Nainital	
703			Pauri	
704			Pithoragarh	
705			Rudraprayag	
706			Tehri	
707			Udham Singh Nagar	
708			Uttarkashi	
709	West Bengal	23	Alipurduar	<a href="https://alipurduar.gov.in/notice/2020/environment_plan_29102021.docx">https://alipurduar.gov.in/notice/2020/environment_plan_29102021.docx</a>
710			Bankura	<a href="https://cdn.s3waas.gov.in/s38e82ab7243b7c66d768f1b8ce1c967eb/uploads/2021/11/2021110332.pdf">https://cdn.s3waas.gov.in/s38e82ab7243b7c66d768f1b8ce1c967eb/uploads/2021/11/2021110332.pdf</a>
711			Birbhum	<a href="https://cdn.s3waas.gov.in/s3fc3cf452d3da8402bebb765225ce8c0e/uploads/2021/10/2021102983.pdf">https://cdn.s3waas.gov.in/s3fc3cf452d3da8402bebb765225ce8c0e/uploads/2021/10/2021102983.pdf</a>
712			Cooch Behar	<a href="http://www.coochbehar.nic.in/HTMFiles/Occasional/DistrictEnvironmentPlan2021.pdf">http://www.coochbehar.nic.in/HTMFiles/Occasional/DistrictEnvironmentPlan2021.pdf</a>
713			Dakshin Dinajpur	Yet to be upload on website.
714			Darjeeling	<a href="https://cdn.s3waas.gov.in/s322fb0cee7e1f3bde58293de743871417/uploads/2021/11/2021110192.pdf">https://cdn.s3waas.gov.in/s322fb0cee7e1f3bde58293de743871417/uploads/2021/11/2021110192.pdf</a>
715			Hooghly	<a href="https://cdn.s3waas.gov.in/s3aff1621254f7c1be92f64550478c56e6/uploads/2021/10/2021102924.pdf">https://cdn.s3waas.gov.in/s3aff1621254f7c1be92f64550478c56e6/uploads/2021/10/2021102924.pdf</a>
716			Howrah	Yet to be upload on website.
717			Jalpaiguri	<a href="http://www.jalpaiguri.gov.in/Download/80c69343-3746-4407-adb5-f58d85e7c264/Notice/08112021123836865">http://www.jalpaiguri.gov.in/Download/80c69343-3746-4407-adb5-f58d85e7c264/Notice/08112021123836865</a>
718			Jhargram	<a href="https://cdn.s3waas.gov.in/s3aeb3135b436aa55373822c010763dd54/uploads/2021/10/2021102950.pdf">https://cdn.s3waas.gov.in/s3aeb3135b436aa55373822c010763dd54/uploads/2021/10/2021102950.pdf</a>
719			Kalimpong	<a href="https://cdn.s3waas.gov.in/s368053af2923e00204c3ca7c6a3150cf7/uploads/2021/10/2021102994.pdf">https://cdn.s3waas.gov.in/s368053af2923e00204c3ca7c6a3150cf7/uploads/2021/10/2021102994.pdf</a>
720			Kolkata	<a href="https://www.kmcgov.in/KMCPortal/downloads/EnvironmentPlan_KMC_2021.pdf">https://www.kmcgov.in/KMCPortal/downloads/EnvironmentPlan_KMC_2021.pdf</a>
721			Malda	<a href="https://www.malda.gov.in/sites/default/files/notice/2021-11/scan0896.pdf">https://www.malda.gov.in/sites/default/files/notice/2021-11/scan0896.pdf</a>
722			Murshidabad	<a href="https://cdn.s3waas.gov.in/s3c9f0f895fb98ab9159f51fd0297e236d/uploads/2021/10/2021102925.pdf">https://cdn.s3waas.gov.in/s3c9f0f895fb98ab9159f51fd0297e236d/uploads/2021/10/2021102925.pdf</a>
723			Nadia	<a href="http://www.nadia.gov.in/writereaddata/TenderNotice/upload.pdf">http://www.nadia.gov.in/writereaddata/TenderNotice/upload.pdf</a>
				<a href="http://north24parganas.gov.in/sites/default/files/upload">http://north24parganas.gov.in/sites/default/files/upload</a>



724	North 24 Parganas	s0/Notice/DEP-2021.pdf
725	Paschim Bardhaman	Yet to be upload on website.
726	Paschim Medinipur	<a href="https://www.paschimmedinipur.gov.in/system/files/notification/scan00282.pdf">https://www.paschimmedinipur.gov.in/system/files/notification/scan00282.pdf</a>
727	Purba Bardhaman	Yet to be upload on website.
728	Purba Medinipur	<a href="https://cdn.s3waas.gov.in/s373278a4a86960eeb576a8fd4c9ec6997/uploads/2021/11/2021110120.pdf">https://cdn.s3waas.gov.in/s373278a4a86960eeb576a8fd4c9ec6997/uploads/2021/11/2021110120.pdf</a>
729	Purulia	<a href="http://purulia.gov.in/services/notice/general/DEP_PURULIA.pdf">http://purulia.gov.in/services/notice/general/DEP_PURULIA.pdf</a>
730	South 24 Parganas	<a href="https://s24pgs.gov.in/assets/webdoc/mediaupload/83d9b67ba6a5d0b559164e8d7edb4834.pdf">https://s24pgs.gov.in/assets/webdoc/mediaupload/83d9b67ba6a5d0b559164e8d7edb4834.pdf</a>
731	Uttar Dinajpur	<a href="http://uttardinajpur.nic.in/advertise/DEP_UD.pdf">http://uttardinajpur.nic.in/advertise/DEP_UD.pdf</a>

8. The templates of the plans shows the issues incorporated are as follows:-

#### *“1.0 District Profile*

- a. *District Administrative Set-up*
- b. *Local institutions*
- c. *Natural Resources*
  - *Water bodies*
  - *Availability of water resources*
  - *Forest coverage*
- d. *Geography & Demography*
- e. *Land-use patter*
- f. *Climate*

#### *2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules16*

- (i) *Solid Waste Management*
  - a. *Current status related to solid Waste management*
  - b. *Identification of gaps and Action plan*
- (ii) *Plastic waste Management*
  - a. *Current status related to Plastic waste management*
  - b. *Identification of gaps and Action plan*
- (iii) *C & D Waste Management*
  - a. *Current status related to C & D Waste*
  - b. *Identification of gaps and Action plan*
- (iv) *Biomedical Waste Management*
  - a. *Current Status related to biomedical waste*
  - b. *Identification of gaps and Action plan*
- (v) *Hazardous Waste Management*
  - a. *Current Status related to Hazardous Waste Management*
  - b. *Identification of gaps and action plan*



- (vi) *E-Waste Management*
  - a. *Current Status related to E-Waste Management*
  - b. *Identification of gaps and action plan*
- 3.0 *Air Quality Management*
  - Current Status related to Air Quality Management*
  - Identification of gaps and action plan*
- 4.0 *Water Quality Management*
- 4.1 *Water Quality Monitoring*
  - a. *Current Status related to Water Quality Management*
  - b. *Identification of gaps and action plan for water quality monitoring*
- 4.2 *Domestic Sewage*
  - a. *Identification of gaps and action plan for treatment of domestic sewage*
  - b. *Identification of gaps and action plan for treatment of domestic sewage*
- 5.0 *Industrial wastewater management*
  - a. *Current Status related to Industrial Wastewater Management*
  - b. *Identification of gaps and action plan for industrial wastewater:*
- 6.0 *Mining Activity Management plan*
  - a. *Current Status related to Mining Activity Management*
  - b. *Identification of gaps and action plan*
- 7.0 *Noise Pollution Management plan*
  - a. *Current Status related to Noise Pollution Management*
  - b. *Identification of gaps and action plan*
- 8.0 *Plantation Management Plan”*

9. Objectives in the plan are:-

- “1. To ensure conservation of environment and natural resources at district level.
- 2. Restore ecological balance.
- 3. To achieve Sustainable Development Goals and District Level Targets within prescribed timeline.
- 4. To ensure sustainability at district level following the principles of resource efficiency.
- 5. To ensure decentralized micro level planning, execution and monitoring regarding environment conservation.
- 6. To incorporate all facets of environmental conservation in micro planning.
- 7. To harness active participation of all stakeholders in planned environment conservation actions.
- 8. Assess, mitigate and monitor adverse impacts of various pollution sources at district level.
- 9. Capacity building of stakeholders, department, agencies, organizations and individuals at district level to



understand and implement micro level environmental conservation.

10. To harness inter departmental coordination for implementation of action plans.
11. To develop local knowledge centres and expertise for developing environmental conservation strategies at district level.
12. To develop and implement micro monitoring system at district level.”

10. CPCB has filed a chart of information on 07.02.2022 about orders of NGT on various thematic areas, as follows:-

S. No.	Issues	Action Plan (Indicative Major Components)	References
1	<b>Waste Management</b>		
(i)	Municipal Solid Waste (MSW)	As per MSW Rules to ensure each city, town and village process the waste and recycle/reuse the residue. Legacy waste to be bio- mined and land reclaimed.	OA 606/2018, order dated 30.11.2021 and respective orders of States/UTs
(ii)	Plastic Waste Management (PWM)	Enforcement as per PWM Rules. Main focus on manufacture, sale and use of plastic carry bags made less than 50 microns, prohibiting reckless disposal of thermo-coal and polystyrene products and burning, and setting up of recycling facilities.	EA No. 13/2019 in OA 247/2017 order dated 08.01.2021
(iii)	Biomedical Waste	Disposal of BMW as per rules, prohibiting mixing of waste with domestic waste, setting up of required facilities.	OA 710/2017 order dated 18.01.2021
(iv)	Hazardous Waste	Comply with HOWM rules, setting up of TSDFs, preventing accidents, remediation of contaminated sites.	OA 804/2017, order dated 29.01.2021
(v)	E-waste	Implementation of E waste Rules, setting up of collection, dismantling and recycling facilities.	OA 621/2018 and OA 512/2018 order dated 15.01.2021
(vi)	C&D Waste	As per C&D Rules.	
2	Sewage Treatment and Utilization	Each city to set up sewage conveyance system with sewage treatment plant. Treated water to be utilized for secondary purpose.	OA 593/2017, Order dated 21.09.2021 and 22.02.2021



3	Water Quality	Restore water quality of polluted river stretches  Restoration of water bodies  Control of coaster pollution  Protection of groundwater resources and installation of rainwater harvesting system	OA 673/2018 order dated 21.09.2020 and 22.02.2021  OA 325/2015, order dated 18.11.2020  OA 829/2019, Order dated 21.09.2020  OA 496/2016, order dated 22.01.2021  OA 176/2015, order dated 20.07.2020
4	Industrial Pollution Control	Control of Industrial Pollution	OA 593/2017, order dated 21.09.2020 and 22.02.2021 OA 639/2018, order dated 23.03.2021
5	Air Quality Management and Noise Pollution	Controlling air pollution in cities by: (i) following GRAP/NCAP (v) control of dust	OA 681/2018, order dated 08.04.2021 OA 519/2016, order dated 11.08.2020
6	Sand Mining	Sand mining to be regulated as per 2016 and 2020 guidelines	OA 360/2015, order dated 26.02.2021

11. In short, the report of the CPCB is that the model plans are said to have been placed on the website and contain the status of various thematic areas and plans for bridging the gaps by continuous monitoring. Based on the District Environment Plans (DEPs) some of the States have prepared their respective State Environment Plans (SEPs).

**Report dated 26.11.2021 by Justice Jasbir Singh**

12. The Report is a third report on the subject and mentions that the Monitoring Committee considered reports of two Districts on priority basis. It pointed out the deficiencies which needed rectification. The reports were revised and DEPs for all the 23 Districts were finalized and uploaded on their respective websites. However, there are deficiencies in the data in the reports and factual position on the ground. Overall recommendations in the report are reproduced below:-

**“6.0 Overall Conclusions and recommendations**



1). In compliance to order dated 5.7.2021 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & ors, the Monitoring Committee has scrutinized/examined the District Environment Plans (DEPs) of all the 23 Districts of State of Punjab, which have been got modified/amended from the district level officers of various districts on the pattern of District Environment Plan of District Ludhiana by holding regular meetings with officers of Punjab Pollution Control Board, Department of Environment and other District Level Officers of each district of the State of Punjab w.r.t finalization of DEP of each District (Details mentioned in Table-2, page 11 of the report) and made certain observations/given view points on the activities of DEP of each District to bring similarity between them based on the templates for preparation of district Environment Plans provided by CPCB and submitted its recommendations to the Principal Secretary to Govt. of Punjab, Department of Science, Technology and Environment, as under.

i). District Environment Plans of the Districts may be amended/modified in view of the recommendations made by the Monitoring Committee w.r.t. various activities/action points as mentioned in various meetings with the officers of Punjab Pollution Control Board, Department of Environment and other District Level Officers (Details of the meetings are mentioned in Table 2 above).

ii). As per the directions of the Hon'ble National Green Tribunal in pan No. 21 of order dated 5.7.2021, it has been directed to ensure the completion of District Environment Plans of all the Districts in light of the orders of the Hon'ble Tribunal dated 26.9.2019, 19.3.2020 and 29.1.2021 and observations in order dated 5.7.2021 and upload the same on respective websites positively by 31.10.2021.

Therefore, amended/ modified District Environment Plans of various districts of the State of Punjab may be uploaded on the relevant website immediately under intimation to the Monitoring Committee.

2). The Additional Director, Directorate of Environment and Climate Change, Department of Science, Technology and Environment, Chandigarh vide letter no. DECC/2021/893 dated 24.11.2021 (copy enclosed as per Annexure-10) has Informed to CPCB that the District Environment Plans of all the districts of State of Punjab have been uploaded on the website of Punjab Pollution Control Board and Directorate of Environment and copy of these finalized DEPs have been sent to the Monitoring Committee. The Monitoring Committee reiterates that there is no need to re-examine the DEPs of various Districts as the Monitoring Committee has already examined all these DEPs w.r.t various activities/action points and the observations/recommendations w.r.t each District Environment Plan have been conveyed to the concerned District Level Officers and department of Environment, Govt. of Punjab with the



*direction to incorporate the observations/recommendations in DEPs and the same may be uploaded on the relevant website.*

*3). The Monitoring Committee vide its letter no. CMC/2021/42 dated 16.6.2021 requested the Principal Secretary, Govt. of Punjab, Department of Science, Technology & Environment to issue necessary instructions to the Department for constitution of District Committee in each District of the State in view order dated 15.7.2019 in OA no. 710 of 2017 within 06 weeks and report may be submitted to the Monitoring Committee. The Department of Science, Technology & Environment, Directorate of Environment and Climate Change has informed vide its letter no. DECC/2021/323 dated 28.6.2021, wherein, it was informed that the Department of Science, Technology & Environment has constituted District Environment Committee under the Chairmanship of Deputy Commissioner vide notification dated 31.10.2019 (copy enclosed as per Annexure- 11).*

*Further, in every meeting of the Monitoring Committee held with the District level officers, officers of Punjab Pollution Control Board and Department of Environment, Govt. of Punjab, it was informed that District Committee for each District has been constituted, whereas, the Monitoring Committee apprised the officers that the constitution of such Committees may be as per the directions of the Hon'ble National Green Tribunal in its order dated 15.7.2019 in OA No. 710 of 2017 in the matter of Shailesh Singh v/s Sheela Hospital & Trauma Centre, Shahjahanpur & Ors, wherein, it has been directed in Para No. 8, the part of which is reproduced as under:*

*"We find it necessary to add that in view of Constitutional provisions under Articles 243 G, 243 W, 243 ID read with Schedules 11 and 12 and Rule 15 of the Solid Waste Management Rules, 2016, it is necessary to have a District Environment Plan to be operated by a District Committee (as a part of District Planning Committee under Article 243 ID) with representatives from Panchayats, Local Bodies, Regional Officers, State PCB and a suitable officer representing the administration, which may in turn be chaired and monitored by the District Magistrate. Such District Environment Plans and Constitution of District Committee may be placed on the website of Districts concerned.*

*It is mentioned here that the Department of Science, Technology & Environment, Directorate of Environment and Climate Change has informed vide his letter no. DECC/2021/323 dated 28.6.2021 that District Environment Committee under the Chairmanship of Deputy Commissioner of the Districts has constituted vide notification no. 10/352/2018-STE(5)/1605949/1 dated 31.10.2019 (copy already enclosed as per Annexure-11) which is not as per the order dated 15.7.2019 in OA no. 710 of 2017 in the matter of Shallesh Singh Vs Sheela Hospital and trauma centre, Shahjahanpur and Ors. of the Hon'ble National Green Tribunal.*



*The Hon'ble National Green Tribunal may issue necessary directions in the matter.*

*4. It is submitted that at the time of visit to Ludhiana area by the Monitoring Committee on 25.11.2021, it was not possible for the committee to visit all the activities to verify all the facts mentioned in District Environment Plan. As such, the Monitoring Committee decided to verify the activities like source segregation of solid waste, operational status of Material Recovery Facilities and position of the solid waste dump site at Ludhiana. In the District Environment Plan, it has claimed that source segregation has been achieved to 50% through informal sector, whereas, as per the facts mentioned in the earlier part of the report, source segregation appears to be achieved to about 5% and entire unsegregated solid waste amounting to about 1100 TPD is reaching to solid waste dump yard and the same is stored in an unscientific manner. The above view was also strengthened, when the Monitoring Committee visited the 02 Material Recovery Facilities (MRFs) which were stated to be in working condition. Virtually, there was no segregation of dry waste at these MRFs. The record/register maintained at solid waste dump site, Ludhiana shows negligible quantity of wet waste was found reaching at the site.*

*Similar is the position w.r.t management of solid waste in Jalandhar area, wherein, Chief Environmental Engineer, Punjab Pollution Control Board, Jalandhar has reported vide his letter no. 1875 dated 24.11.2021 that out of total 425 TPD solid waste generated by the Municipal Corporation, Jalandhar, 137 TPD dry waste and 137 wet waste is reaching to the solid waste dump site and the remaining unsegregated quantity of solid waste is disposed of at solid waste dump site. In the said report, it has also been mentioned that about 314 TPD solid waste is reaching to solid waste dumping site.*

*The information is also available with the Monitoring Committee that many gaps are there w.r.t other activities which do exist at site but not mentioned in the District Environment Plan. So far as other Municipal Councils are concerned, it appears that incorrect data might have been mentioned in District Environment Plans.*

*The above facts indicate that there is lot of variation in the data mentioned in DEN of various Districts as compared to the actual infrastructure at ground level. Therefore, for effective monitoring and implementation of various activities as mentioned in DEPs of various districts for the protection of environment in a time bound manner, the task may be assigned to a third-party or the present Monitoring Committee, constituted by Hon'ble National Green Tribunal. The Monitoring agency may have the following responsibilities.*



i) *The Committee shall hold monthly meeting with District Level Officers of each District and review the status of implementation of DEPs*

ii). *The Committee shall submit its recommendations to the Principal Secretary to Govt. of Punjab, Department of Science, Technology & Environment and Chief Secretary, Punjab for compliance of recommendations of the Monitoring Committee by the various departments.*

iii). *The Committee shall also visit the sites atleast once in three months to check the implementation of DEN on ground.*

iv). *There shall be active participation of each department and interdepartmental coordination for implementation of DEPs.*

v). *The Committee shall take measures for effective enforcement of prohibited activities under DEPs.*

5. *The recommendations made by the Monitoring Committee in para no. 5.0 w.r.t each activities as made on 25.11.2021 during its visit to Ludhiana area may be implemented by the Concerned Departments in a time bound manner."*

**Report dated 23.11.2021 by Justice Pritam Pal**

13. Report submitted by the Committee in the third report to the effect that meetings were held with the District Level Officers of all the 23 Districts. The Committee has recommended that the reports need to be reviewed and executed with the participation of concerned Departments in the light of detailed road map for different activities. The conclusions and recommendations are:-

***"5.0 Conclusions and Recommendations:***

1. *In compliance to order dated 5.7.2021 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs. Union of India & others, the Monitoring Committee has held separate meetings with the District Level Officers of each of the 22 Districts of State of Haryana, wherein, the District Environment Plans, submitted through Regional Offices of Haryana State Pollution Control Board in consultation with Deputy Commissioners of various Districts, were scrutinized/examined by the Monitoring Committee and the observations/recommendations raised/made by the Monitoring Committee w.r.t District Environment Plan of each District, were conveyed to all the Deputy Commissioners of concerned Districts under intimation to the concerned State Level Officers and Regional Officers of*



Haryana State Pollution Control Board through the minutes of the meetings, the details of which have been mentioned in Table-1 given above. The Monitoring Committee further directed that the District Environment Plans of each district may be amended/modified in view of the directions given by the Hon'ble National Green Tribunal in para No.16 and 21 of order dated 5.7.2021 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India and ors and recommendations made by the Monitoring Committee w.r.t. activities as mentioned in each District Environment Plan and upload the amended/modified District Environment Plans of each district on the relevant web-site by 31.10.2021.

2. In compliance of order dated 5.7.2021 of Hon'ble National Green Tribunal as mentioned in Para No. 21, the Department of Environment, Govt. of Haryana shall upload District Environment Plans of all the 22 Districts of State of Haryana on its web site immediately and report in this regard may also be sent to CPCB.

3. For effective monitoring and implementation of various activities as mentioned in DEPs of the districts for the protection of environment in a time bound manner, the District Monitoring Committees, constituted in most of the Districts and mentioned in the DEPs, may have following role and responsibilities.

- i) The Committee shall review the District Environment Plans and give the suggestions/comments on DEPs, if any
- ii) The Committee shall meet once in a month and review the status of implementation of DEPs
- iii) The Committee shall submit its monthly reports regarding monitoring of DEPs to State level Nodal Department for coordination and make further suggestions/recommendations, if any.
- iv) The Committee shall also visit the sites once in three months to check the implementation of DEPs on ground.
- v) The Committee shall ensure the active participation of each department and inter-departmental coordination for implementation of DEPs.
- vi) The Committee shall take measures for effective enforcement of iii) iv) v) prohibited activities under DEPs
- vii) The Committee shall prepare a detailed road map for activities for capacity building of stakeholder, departments, agencies, organizations and to build awareness & outreach among public to understand.”

**Report dated 03.12.2021 headed by Justice S.V.S. Rathore**

14. The recommendations in the report are as follows:-

“

- (i) The progress of preparation of District Environment Plans is very slow. After more than 6 months of close follow up, out of 75 Districts in the State only 09 Districts have submitted the complete District Environment Management Plan. The



Additional Chief Secretary, forest Environment and climate change and Member Secretary, UPPCB may be directed to take stringent measures and direct all the districts to prepare the District Environment Management Plan on priority and also fix the responsibility for inaction on their part.

- (ii) With reference to verification and improvement of District Environmental Management Plans submitted by 05 districts namely, Bahraich (UP), Bokaro (Jharkhand), Pune (Maharashtra), Chamrajnagar (Karnataka), and Panchkula (Haryana) by the CPCB, it may be directed to complete this exercise as early as possible so that other districts also get the benefit of it in preparing their DEPs.
- (iii) As per the scheme of monitoring or Environment related issues pending before the Hon'ble NGT, the Chief Secretary reviews the progress of such matters every month. He may be directed to ensure timely and effective action in the districts in regard to preparation or DEMPs. Minutes of his meetings may also be shared with this Committee for transmission to the Hon'ble NGT."

**Report dated 01.02.2022 by Justice S.P. Garg**

15. Report of Justice S.P. Garg mentions that 14 meetings were held with the concerned officers and observations and suggestions are as follows:-

**"11. Observations:**

1. CPCB response is still awaited regarding preparation of the Model District Environment Plan in South-West, despite reminder letters, emails, and telephonic calls.
2. **Annexure IV** Contains district wise DEPs and Additional/ Supplementary information received. Table 2 contains Analysis of the DEPs and Additional/ Supplementary information received.

**Table 2: Tabular Analysis of the preparation and implementation of District Environment Plan**

S. No	Name of District	Analysis/ Observation of the District Environment Plan (DEPs) and Additional/ supplementary information of the district
1.	North District	<ul style="list-style-type: none"> <li>• The DEP submitted by North District, contains information in the CPCB prescribed data template and has certain gaps in data filling for all 4 zones under this district in terms of waste management, mechanized and manual road sweeping, waste composting operation, plastic waste management, e-waste management, creation of monitoring cell, control of riverside activities, floodplain management, C and D waste management, compliance to ambient noise standards, noise monitoring devices, air pollution source identification in the district, etc.</li> </ul>



		<ul style="list-style-type: none"> <li>• Additional information submitted only addresses the gaps in terms of NGOs and Public participation, Engineers/Officers In-charges (from the stakeholder agencies) for each of the thematic areas assigned the task, and deputed Nodal officers for the districts for ensuring work being executed as per set targets.</li> <li>• DEP does not include gaps assessment and implementation action plan in a time-bound manner.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given.</li> </ul>
2	Central District	<ul style="list-style-type: none"> <li>• The DEP submitted by Central District, contains information in the CPCB prescribed data template (certain sections, tables, etc. need to be filled in the document as per their sequence and relevance).</li> <li>• DEP lacks information on Hazardous Waste Management, E-waste Management, Domestic Sewage Management Plan and Air Quality Management Plan, Noise Management Plan, etc.</li> <li>• Further, Information on linkage to C and D waste processing facility, inventorisation of C and D waste generation, linkage to CBWTF and compliance to biomedical rules by healthcare facilities (template not filled completely), plan for controlling riverside activities, clear plantation action plan may also be filled.</li> <li>• Also, Identification of gaps, time bound action plans and agencies responsible for filling the gaps and monitoring of plans for each thematic areas may also be included in the DEP.</li> <li>• Further, Additional Information submitted still has deficiencies on information of the status of STPs and re-use of treated water, status of CETPs including performance, Ground water extraction/contamination and recharge, Air pollution and control from sources, viz., Construction and Demolition dust, industrial emissions, vehicular emissions, traffic congestion and movement, road dust, unpaved roads/pits, stubble burning, dumping of garbage/waste, garbage burning, adulterated fuel, bursting of fire crackers, Noise pollution control, Rejuvenation of water bodies, compliance to the existing norms for the thematic areas, Active NGOs and Public Participation, etc.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given.</li> </ul>
3	South District	<ul style="list-style-type: none"> <li>• The DEP submitted by South District does not contain information of thematic areas, in CPCB prescribed data template. Further, in the DEP, more information is required from all stakeholder/departments in CPCB prescribed data sheet and implementation action plan for compliance of existing norms for thematic areas.</li> <li>• The DEP submitted may include information on Forest area, vegetation, geography &amp; demography, land-use pattern, climate of the district etc.</li> <li>• Additional information submitted contains information on biomedical, solid waste, e waste, plastic and C and D waste management. No information has been given regarding linkage to biomedical, ewaste and hazardous</li> </ul>



		<p>waste disposal, Air and Water quality management, industrial waste management, noise pollution management etc. Hence the gaps of DEP still need to be addressed.</p> <ul style="list-style-type: none"> <li>• More precisely, Information on all particulars of template prescribed by CPCB need to be prepared after collating all information given in DEP and additional information report.</li> <li>• Also, Information on the active NGOs &amp; public participation, information on deputed nodal officers and Engineers/ Officers In-charges (from the stakeholder agencies) for each of the thematic areas assigned the task of DEP preparation and execution are not given.</li> <li>• DEP does not include gaps assessment and implementation action plan in a time bound manner.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given</li> </ul>
4	New Delhi, District	<ul style="list-style-type: none"> <li>• The DEP submitted by New Delhi District, contains information in the CPCB prescribed data template.</li> <li>• Additional information submitted addresses the gaps of DEP.</li> <li>• The DEP submitted may include information on district profile, population, vegetation, geography &amp; demography, land-use pattern, climate of the district etc.</li> <li>• Also, Information on the deputed nodal officers of the rank of ADM etc by DM and about the Engineers/ Officers In-charges (from the stakeholder agencies) for each of the thematic areas assigned the task of DEP preparation and execution.</li> <li>• Further, information on time bound disposal arrangement for e-waste and existing mechanism of road dust control via Mechanical Road sweeping and water sprinkling in areas under jurisdiction of DCB may be included.</li> <li>• Also, Identification of gaps and time bound action plans for each thematic areas may also be included in the DEP.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given.</li> </ul>
5	South West, District	<ul style="list-style-type: none"> <li>• The DEP (earlier) submitted by South West District was not in the prescribed CPCB data template. Thereafter updated DEP in template form was given.</li> <li>• The updated DEP still lacks information for all zones under the district in terms of 7 thematic areas, template on plastic waste management not filled, template partially filled on e-waste management, water and air quality management, domestic sewage management, industrial waste water management, noise pollution management etc., and DEP also requires relevant stakeholder/ departments to add information/ input.</li> <li>• Information on the Zone wise list of real time Noise monitoring stations given in DEP is not correct.</li> </ul>



		<ul style="list-style-type: none"> <li>• Further, updated DEP also has deficiencies in terms of information on the Status of STPs and re-use of treated water, Status of CETPs including performance, Ground water extraction/contamination and recharge, Air pollution and control from sources, viz., Construction and Demolition dust, industrial emissions, vehicular emissions, traffic congestion and movement, road dust, unpaved roads/pits, stubble burning, dumping of garbage/waste, garbage burning, adulterated fuel, bursting of fire crackers, Noise pollution control, rainwater harvesting, Rejuvenation of water bodies, compliance to the existing norms for the thematic areas, Active NGOs and Public Participation, and the deputed nodal officers of the rank of ADM etc by DM and the Engineers/ Officers In-charges (from the stakeholder agencies) for each of the thematic areas need to be assigned for the task of DEP preparation and execution.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given.</li> <li>• DEP does not include gaps assessment and implementation action plan in a time bound manner.</li> </ul>
6	West District	<ul style="list-style-type: none"> <li>• The DEP submitted by West District, contains information in the CPCB prescribed data template.</li> <li>• The DEP includes gap assessment, short term and long term measures for each of the thematic areas. The flag points in the end of DEP highlight the deficient data in the DEP.</li> <li>• The DEP to include natural resources, climate, vegetation, water bodies, etc.</li> <li>• However, the Action proposed under the short term and long term needs to be filled under respective thematic template also such as the information on air pollution control in the district, control of non-industrial air pollution, information on complaints redressal system (Green Delhi App), sewage and industrial discharge, awareness activities on water quality, compliance to ambient noise standards etc.</li> <li>• Plastic and e- waste management template is not completely filled.</li> <li>• Also, the Addl. information submitted refer to the DEP and need to include information on Active NGOs and Public Participation and the deputed nodal officers of the rank of ADM etc by DM and the Engineers/ Officers In-charges (from the stakeholder agencies) for each of the thematic areas need to be assigned for the task of DEP preparation and execution.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given.</li> </ul>
7	North East District	<ul style="list-style-type: none"> <li>• The DEP submitted by North-East District, contains information in the CPCB prescribed data template.</li> <li>• The DEP submitted may include information on district profile, population, vegetation, geography &amp; demography, land-use pattern, climate of the district etc.</li> </ul>



		<ul style="list-style-type: none"> <li>• DEP does not include gaps assessment and implementation action plan in a time bound manner.</li> <li>• DEP lacks in E waste management existing mechanism and surface &amp; groundwater quality, water pollution control, flood plain management, river side pollution control, noise pollution management information, biomedical waste management to be included after necessary inputs from stakeholder depts in the DEP.</li> <li>• Further, Additional Information submitted still has certain gaps in terms of above-stated observations in the DEP, compliance to the existing norms for the thematic areas, Active NGOs and Public Participation, linkage to CBWTF for biomedical waste management etc.</li> <li>• Also, the Information on the deputed nodal officers of the rank of ADM etc. by DM and the Engineers/ Officers In-charges (from the stakeholder agencies) for each of the thematic areas need to be assigned for the task of DEP preparation and execution.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given</li> </ul>
8	East District	<ul style="list-style-type: none"> <li>• The DEP submitted by East District, contains information in the CPCB prescribed data template and has certain gaps in terms of e waste, hazardous waste and biomedical waste management and air quality management.</li> <li>• DEP does not include gaps assessment and implementation action plan in a time bound manner.</li> <li>• Additional information submitted addresses the gaps of DEP to some extent.</li> <li>• However, information on disposal of hazardous and e waste disposal/collection system, air quality and noise monitoring, re-use of treated water, complaint redressal system etc needs to have more information/ clarification with implementation strategy and time bound action plan.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given.</li> </ul>
9	North West District	<ul style="list-style-type: none"> <li>• The DEP submitted by North-West district does not contain all information in CPCB prescribed data template. However, information on the thematic areas has been partially given in DEP.</li> <li>• The DEP submitted may include information on district population, vegetation, geography &amp; demography, land-use pattern, climate of the district, etc.</li> <li>• DEP needs to have template for solid waste management filled for all zones under its jurisdiction. Noise pollution management template is also not completely filled.</li> <li>• DEP does not include gaps assessment and implementation action plan in a time bound manner.</li> </ul>



		<ul style="list-style-type: none"> <li>• DEP does not have Information as per template of plastic waste management, C &amp; D waste management, biomedical waste management, hazardous waste management, e-waste management, water quality management, domestic sewage management, industrial wastewater management, air quality management, mining activities and noise pollution management. Further, in the DEP more information is required from all stakeholder depts.</li> <li>• Further, Additional Information submitted still has certain gaps in terms of above stated observations in the DEP, compliance to the existing norms for the thematic areas, Active NGOs and Public Participation, the Information on the deputed nodal officers of the rank of ADM etc. by DM and the Engineers/ Officers In-charges (from the stakeholder agencies) for each of the thematic areas need to be assigned for the task of DEP preparation and execution.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given</li> </ul>
10	South East District	<ul style="list-style-type: none"> <li>• The DEP submitted by South East District, contains information in the CPCB prescribed data template.</li> <li>• Information required on Linkage to C and D waste recycling plant, status of compliance of rules by health care facilities, hazardous waste storage/ disposal plan, clarity on coverage of linkage with e waste recyclers for entire district (stated to be in NDMC in DEP), control of riverside activities, air quality management plan to include air pollution source, industrial air pollution control, pollution control from non-industrial air pollution sources, noise monitoring devices, compliance to ambient noise standards etc.</li> <li>• In the DEP, certain section requires relevant stakeholder/ department to add information/input as many sections not applicable has been mentioned.</li> <li>• DEP does not include gaps assessment and implementation action plan in a time bound manner.</li> <li>• Additional information submitted addresses the extent of gaps but observations in the DEP mentioned above need to be addressed.</li> <li>• Budgetary requirements for compliance of existing norms for thematic areas are not clearly mentioned.</li> </ul>
11	Shahdara District	<ul style="list-style-type: none"> <li>• The DEP submitted by Shahdara District, contains information in the CPCB prescribed data template, but had certain gaps in profile (climate, population, vegetation/ Forest area, etc.), template not filled for solid waste, hazardous waste management and industrial waste management and air quality management, mining activity and noise pollution management plan.</li> <li>• Further, in the DEP more information is required on implementation of plastic waste rule, hazardous waste management, C and D waste recycling facility location, plan for e-waste management, template for water quality management needs to contain information from all stakeholder depts.</li> </ul>



		<ul style="list-style-type: none"> <li>• DEP does not include gaps assessment and implementation action plan in a time-bound manner.</li> <li>• DEP may include an implementation action plan and budgetary requirements for compliance with existing norms for thematic areas.</li> <li>• Additional information submitted to address the gaps of DEP to some extent. However, disposal of hazardous waste, e-waste, plastic waste, domestic sewage, etc. needs to have more information/ clarification and with implementation strategy and time-bound action plan, apart from template information that is not there in the DEP.</li> <li>• Also, Information on the active NGOs &amp; public participation, information on deputed nodal officers, and Engineers/ Officers In-charges (from the stakeholder agencies) for each of the thematic areas assigned the task of DEP preparation and execution are not given.</li> <li>• Budgetary requirement for compliance of existing norms for the thematic areas not given.</li> </ul>
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12. **Suggestion for Preparation of District Environment Plan :**

1. The DEPs should contain the information of the thematic areas of all the zones under the jurisdiction of the respective district and the particulars of the templates need to be completely filled after taking necessary inputs from the stakeholder departments.
2. For uniformity, the structure of DEP prepared for each district should be in line with the indicative template prepared by CPCB (annexed at **Annexure V**) for preparation of DEPs using DEP datasheets. (Already circulated to all districts)
3. The additional/ supplementary information needs to be merged in the DEP under the relevant thematic area.
4. The DEPs submitted by the DMs lack the steps to be taken to preserve the forest, water bodies/wetlands, if any, in their respective districts.
5. The action plan with identification of gaps and agencies responsible for filling the gaps and monitoring of plan with timelines may be included.
6. The DEPs may include information on implementation and execution of action plans in a time-bound manner for each thematic area along with the budgetary requirements.
7. There is no mention of industrial activities being carried out in residential areas/non-conforming areas and the action plan to deal with it as per law.
8. Information on environmental awareness activities needs to be included.



9. *The DEPs have been observed to either contain wrong information or no information on the following particulars:*
1. *Real Time Noise Monitoring Stations*
  2. *Real Time Air Quality Monitoring Stations*
  3. *List of 13 identified Hotspots*
  4. *List of Water Bodies*
  5. *Ridge details*
  6. *Solar Rooftop Installation (location-wise details)*

*This needs to be circulated to all the districts.*

10. *There is no reference in the DEPs regarding the protection of monuments from environmental degradation and removal of encroachments over there.*
11. *Adoption of Renewable Energy sources.*
12. *Measures to be undertaken towards Sustainable Development for combating Climate Change.*
13. *Further, in compliance with the directions of Hon'ble NGT in the matter of O.A. No. 351/2019, titled "Raja Muzaffar Bhat Vs. State of Jammu and Kashmir & Ors, letter dated 27.12.2021 of Member Secretary, Wetland Authority of Delhi (annexed at Annexure VI) has been circulated via email to all District Magistrates for necessary inclusion of details regarding Wetlands/water bodies, in the prepared District Environment Plan (DEP) of the respective district. In compliance with this order, concerned District Magistrates have been requested to revise the District Environment Plan of each District by providing the core activity for conservation and protection of wetlands may primarily focus on not discharging of sewage, disposal of solid waste and other wastes, preventing siltation, demarcation of wetlands/flood protection zone and removal of encroachments."*

#### **Response of UP State PCB**

16. Response of the UP State PCB filed on 03.01.2022 is as follows:-

**"Recommendation No.-1** *The progress of preparation of District Environment Plans is very slow. After more than 6 months of close follow up, out of 75 Districts in the State only 09 Districts have submitted the complete District Environment Management Plan. The Additional Chief Secretary, forest Environment and climate change and Member Secretary, UPPCB may be directed to take stringent measures and direct all the districts to prepare the District Environment Management Plan on priority and also fix the responsibility for inaction on their part.*

#### **Compliance-**



1. Department of Environment, Forest & Climate Change, Govt. of U.P. has issued direction vide dated 30.07.2021 to all the District Magistrate for preparation of District Environment Plan. The direction dated 30.07.2021 is annexed herewith as Annex-1.
2. Direction has issued by the Department of Environment, Forest & Climate Change, Govt. of U.P. has issued direction vide dated 27.09.2021. The direction dated 27.09.2021 is annexed herewith as Annex-2.
3. Further, direction has issued by the Department of Environment, Forest & Climate Change, Govt. of U.P. has issued direction vide dated 17.11.2021. The direction dated 17.11.2021 is annexed herewith as Annex-3.
4. A letter dated 10.08.2021 has been issued from Member Secretary, UPPCB to all Regional Officers with directions to coordinate with concerned District Magistrate/ Chairman District Environment Committee and Divisional Forest Officers/ Convener District Environment Committee for preparation of DEPs. The letter dated 10.08.2021 is annexed herewith as Annex-4.

**Latest progress of preparation of DEPs on dated 31.12.2021.**

S. No.	Template for DEPs	Number of District Environment Plan Received					
1.	In new indicative template with budgetary information (Complete information)	Total 54					
		1.	Ghaziabad	19.	Ambedkar Nagar	37.	Hamirpur
		2.	Agra	20.	Jhansi	38.	Bijnor
		3.	Hapur	21.	Shajahanpur	39.	Mirzapur
		4.	Varanasi	22.	Unnao	40.	Kanpur Nagar
		5.	Kanpur	23.	LakhimpurKheri	41.	Mainpuri
		6.	Deoria	24.	Jalaun	42.	Farrukhabad
		7.	Balia	25.	Lucknow	43.	SantKabir
		8.	Sambhal	26.	Raebareli	44.	Pilibhit
		9.	Auraiya	27.	Amethi	45.	Mahoba
		10.	Chandauli	28.	Bhadohi	46.	Aligarh
		11.	Jaunpur	29.	Gonda	47.	Etawah
		12.	Ghazipur	30.	Banda	48.	Meerut
		13.	Kannauj	31.	Firozabad	49.	Shravasti
		14.	Basti	32.	Lalitpur	50.	Siddharth
		15.	Sultanpur	33.	Bulandshahr	51.	Bareilly
		16.	Rampur	34.	Gautam Buddha	52.	Mathura
		17.	Hardoi	35.	Sitapur	53.	Gorakhpur
		18.	Bahraich	36.	Baghpat	54.	Fatehpur
2.	In indicative template as prescribed by CPCB (Budgetary Information Not Available)	Total 10					
		1.	Saharanp	6.	Buda		
		2.	Moradaba	7.	Sha		
		3.	Kaushambi	8.	Muzaffarnagar		
		4.	Chitrakoot	9.	Barabanki		
		5.	Prayagraj	10.	Balrampur		
3.	Old Format (For indicative template as	Total 10					
		1.	Sonbhadra	6.	Etah		
		2.	Kushinagar	7.	Amroha		
		3.	Azamgarh	8.	Mau		



	prescribed by CPCB is mailed on Dated 18.11.2021)	4.	Hathras	9.	Ayodhya
		5.	Pratapgarh	10.	Kasganj
4.	No information received	Total 01			
		1.	Maharajganj		

**Recommendation No.-2** With reference to verification and improvement of District Environmental Management Plans submitted by 05 districts namely, Bahraich (UP), Bokaro (Jharkhand), Pune (Maharashtra), Chamrajnagar (Karnataka), and Panchkula (Haryana) by the CPCB, it may be directed to complete this exercise as early as possible so that other districts also get the benefit of it in preparing their DEPs.

**Compliance-** CPCB vide its letter dated 24.05.2021 sent indicative template for preparation for DEPs along with the request to direct concerned Departments and District Magistrates for completion of DEPs. In context to the above letter Chief Secretary, State of Uttar Pradesh vide letter dated 10.06.2021 has issued specific directions to all District Magistrate for preparation of DEPs on the revised indicative templates send by CPCB, Delhi. It is further submitted that all the completed 54 DEPs mentioned as above.

**Recommendation No.-3** As per the scheme of monitoring of Environment related issues pending before the Hon'ble NGT, the Chief Secretary reviews the progress of such matters every month. He may be directed to ensure timely and effective action in the districts in regard to preparation of DEMPs. Minutes of his meetings may also be shared with this Committee for transmission to the Hon'ble NGT.

**Compliance-** The Chief Secretary, State of Uttar Pradesh, on 3<sup>rd</sup> Monday of each month, holds a Review Meeting in hybrid mode with Addition Chief Secretaries/ Principle Secretaries of all the concerned Departments and with all District Magistrate of the State for monitoring the progress of compliance of various directions passed by Hon'ble NGT including preparation of DEPs. The monitoring protocol involves interactions with all District Magistrate & Senior Officials of concerned Departments.

Therefore it is submitted that the State is complying with the directions of Hon'ble NGT and Oversight Committee in letter and spirit and significant progress has been made for preparation of DEPs. Hon'ble Tribunal may appreciate that the structure of DEPs has been evolved and the State is expeditiously revised the DEPs. It is further submitted that Chief Secretary, State of Uttar Pradesh is periodically reviewing the progress of the DEPs."

17. Letter dated 20.08.2021 has been received from Justice V.M. Kanade, former Judge of Bombay High Court that since he has been



appointed Lokayukta of Maharashtra, he is not able to continue to monitor preparation of DEPs. The letter is taken on record.

### **Consideration and further Directions**

18. We have interacted with the representatives of CPCB and other learned counsel present during the hearing. We are of the view that recommendations made by the Monitoring/Oversight Committees headed by Hon'ble former Judges and the representative of deficiencies in respect of other DEPs which needs to be acted upon by all the States/UTs subject to any grievance being raised before the Tribunal, in case of any difficulty. Data needs to be updated as per ground situation. In respect of Districts/States plans have not yet been prepared, the same needs to be done forthwith so that based on such plans, National plan can be prepared which may go a long way in protection and management of environment for achieving goals of Sustainable Development. The plans so prepared need to be periodically revised and updated preferably as on 31<sup>st</sup> March for every year and executed in respect of all concerned thematic areas. Compliance needs to be monitored at District Level, State Level and National Level in the light of gaps identified. To give impetus to compliance, in addition of having regular monthly meetings of the District Level Committees, it may be necessary to hold an annual conference to be presided over by the District Magistrates with the involvement of Educational Institutions, Welfare Associations, Local Bodies including Panchayats, Eco-clubs, other concerned Departments and activist identified by the District Administration and nominees of District Legal Services Authorities. The State PCBs/Environment Departments needs to coordinate the same. MoEF&CC/CPCB also needs to oversee and guide such exercise through their respective Regional Offices. Targets achieved



and set need to be published and best practices experimented and adopted need to be mentioned. Apart from the thematic areas already specified any other thematic area relating to the goals of environmentally sustainable development can also be added. Contribution of any individual/organization can be appropriately acknowledged. To begin with, such annual conferences may be held atleast in one District in every State, to be identified by the Environment Department of States/UTs, with intimation to the CPCB before 30.06.2022. CPCB may compile relevant data of further progress in the matter in light of above observations and file a consolidated progress report as on 31.08.2022 by 15.09.2022 by e-mail at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF.

19. We request the Oversight/Monitoring Committees whose term may be expiring or may have expired to continue till submission of final report as on 31.08.2022 so that compliance of such plans can be ascertained for some time. The Oversight Committees may in their progress reports also mention the compliance status and further recommendations for effective execution of such plans so as to bridge the gap in compliance of environmental norms in respect of various thematic areas.

List for further consideration on 28.09.2022.

A copy of this order be forwarded to MoEF&CC, CPCB and Chief Secretaries of all the States/UTs, State PCBs/PCCs, District Magistrates and District Legal Services Authorities by e-mail for compliance.

Adarsh Kumar Goel, CP



Sudhir Agarwal, JM

Dr. Nagin Nanda, EM

Dr. Afroz Ahmad, EM

February 08, 2022  
Original Application No. 360/2018  
(SLP (Civil) No. 2959/2014)  
A + DV + SN



• **Compliance Status/ progress report w.r.t action taken on the various activities as mentioned in the District Environment Plans**

The compliance status/ progress made by Municipal Councils/Corporations and other departments w.r.t various activities as mentioned in the District Environment Plans, is mentioned as under.

✓ **Solid waste management**

Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles collection for and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
1.	Patiala (09 MCs)	55-100% source segregation of solid waste by MCs.	Adequate number of vehicles are available.	Adequate compost pits are available with all MCs except MC Nabha.	Adequate MRFs available with MCs except MCs Nabha, Ghagga, Ghanaour and Bhadson.	No sanitary landfill sites are available with MCs except MC Patiala.	Remediation work is yet to be completed by all the MCs.
2.	Fatehgarh Sahib (05 MCs)	95-100% source segregation of solid waste by MCs.	Adequate number of vehicles are available.	Adequate compost pits are available with all MCs	Adequate MRFs are available with all MCs	No sanitary landfill sites are available with all MCs	No remediation work started by any MC.
3. & 4.	Sangrur & Malerkotla (13 MCs)	60-100% source segregation of solid waste by MCs.	Adequate number of vehicles except mini collection trucks are available with MCs.	Inadequate compost pits with 02 MCs Dhuri and Sangrur. Other 11 MCs have adequate compost pits	All MCs have provided adequate number of MRFs except MC Malerkotla	06 MCs have identified sanitary landfill sites and work has been completed. 07 MCs are yet to start the work of construction of sanitary landfill sites.	Few quantity of legacy waste has been remediated by MCs and most of the quantity of legacy waste is yet to be remediated.
5.	SBS Nagar (4 MCs)	As per District Environment Plan (DEP), source segregation of solid waste by MCs varying between 80-90% has been mentioned, whereas, the monitoring carried out by Punjab Pollution Control Board on 24.3.2022 and seen by the Chairman of the Monitoring	Adequate number of vehicles are available with all MCs.	Adequate compost pits are available with all MCs. However, these compost pits are not being fully utilized for treatment of wet waste.	Adequate MRFs are available with all MCs.	No sanitary landfill sites are available with MCs	Few quantity of legacy waste has been remediated by MCs. MCs committed to remediate 100% legacy waste by 31.12.2022.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
		Committee online (through Whatsapp) indicated that there was poor source segregation of solid waste in all the MCs.					
6.	Mansa (07 MCs)	90-100% source segregation of solid waste (as per DEP) but the monitoring carried out by Punjab Pollution Control Board on 31.3.2022 and 1.4.2022, and seen online (through Whatsapp) by Chairman of the Monitoring Committee indicated that there was poor source segregation of solid waste .	Adequate number of vehicles have been provided by MCs Mansa, Sardulgarh, Bareta, Bhikhi and Boha but no adequate vehicles are available with MCs Budhalada and Joga	All MCs have provided adequate number of compost pits but these are not utilized fully for treatment of wet waste.	All MCs except MC Mansa have provided adequate number of MRFs.	No sanitary landfill sites are available with MCs	Few steps have been taken for remediation of legacy waste by MCs except MC Bareta, which is on the verge of completion of remediation of legacy waste.
7.	Ropar (06 MCs)	As per DEP, 70-90% source segregation of solid waste has been achieved by all 06 MCs, whereas, the monitoring carried out by Punjab Pollution Control Board on 6.4.2022 and seen online (through Whatsapp) by the Chairman of the Monitoring Committee, it was observed	Adequate number of vehicles are available with all MCs	All MCs have provided Adequate number of compost pits except MC Ropar, which is yet to provide 10 more compost pits and 25 remaining compost pits are to be made operational.	No MRFs have been provided by MCs.	No sanitary landfill sites are available with MCs.	Few steps have been taken for remediation of legacy waste by all MCs.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
		that there was poor source segregation of solid waste in all the MCs					
8.	Gurdaspur (08 MCs)	As per District Environment Plan, 85-95% source segregation of solid waste has been achieved by all MCs, whereas, as per the monitoring carried out by PPCB on 18.4.2022 and seen online (through Whatsapp) by Chairman of the Monitoring Committee, there was poor progress w.r.t source segregation by solid waste each MC.	Adequate number of vehicles for door to door collection of solid waste are available with each MC, whereas, the vehicles for transportation of solid waste are required to be procured by MCs and the timeline for which, mentioned as 31.3.2022, has been expired.	Adequate number of compost pits have not been provided by MCs and the timeline for providing the remaining compost pits, mentioned as 31.3.2022, has been expired and on the request of the MCs, the timeline has been extended to the 30.9.2022 for providing required number of compost pits.	MCs Batala and Gurdaspur have inadequate material recovery facilities and the timeline mentioned as 31.3.2022, in the District Environment Plan, has been expired and on the request of MCs, the same has been extended to 30.9.2022.	None of the MC has provided sanitary landfill site for disposal of inert and non recyclable waste and the timeline mentioned as 31.3.2022, in the District Environment Plan, has been expired. On the request of the MCs, the timeline has been extended to 30.9.2022.	All the MCs have remediated legacy waste in the range of 15-35% and for remediation of 100% legacy waste, the timeline has been mentioned as 31.12.2022.
9.	Pathankot (03 MCs)	As per District Environment Plan, 80-100% source segregation of solid waste has been mentioned, whereas, as per the monitoring carried out by PPCB on 19.4.2022 and seen online (through Whatsapp) by Chairman of the Monitoring Committee,	Adequate number of vehicles are available with all MCs.	Inadequate compost pits have been provided by bulk waste generators existing in MCs Pathankot and Sujampur. Inadequate compost pits have been provided by MC Pathankot for treatment of wet waste and newly purchased semi automatic	Inadequate MRFs are available with MC Pathankot for management of dry waste and assured to provide the same by 31.5.2022.	No sanitary landfill site provided by any MC	No proper assessment of quantity of legacy waste was made by any MC and remediation of legacy waste has been started and assured to remediate the same by 31.12.2022.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
		there was poor progress w.r.t source segregation of solid waste by each MC.		composting machine by MC Pathankot which was to be made operational by 31.5.2022.			
10.	Fazilka (04 MCs)	80-85% source segregation of solid waste by MCs as per District Environment Plan. As per inspection carried out by PPCB on 28.4.2022 and seen by the Chairman of Monitoring Committee online (through Whatsapp), poor source segregation was found by all MCs	Adequate number of vehicles are available with MCs except MCs Fazilka and Arniwala. These MCs assured to provide adequate number of vehicles for solid waste collection and transportation by 30.6.2022.	Bulk waste generators existing within MCs area have been identified. MCs are lifting and treating wet waste and dry waste in compost pits and material recovery facility, respectively. For treatment of wet waste generated by MCs, required number of compost pits have been provided by all the MCs.	Material recovery facilities are to be provided by MCs Abohar and Jalalabad and assured to provide the same by 30.6.2022.	No sanitary landfill sites provided by MCs within the time schedule as mentioned in the District Environment Plan. It was assured that sanitary landfill site shall be provided by each MC by 30.9.2022.	Few quantity of legacy waste has been remediated by all MCs. It was assured to remediate 100% legacy waste by 31.12.2022.
11.	Sri Muktsar Sahib (04 MCs)	95-100% source segregation of solid waste by MCs as per District Environment Plan. As per inspection carried out by PPCB on 28.4.2022 and seen by the Chairman of Monitoring Committee online (through Whatsapp), poor source segregation of	Inadequate vehicles for collection and transportation of solid waste are available with all MCs.	Bulk waste generators have been identified by all MCs. No compost pits have been provided by BWGs. No agreement has been made by BWGs with MCs for dry waste management. No adequate compost pits have been provided by MCs for	Not provided adequate MRFs by MCs.	No sanitary landfill site has been identified and developed scientifically by any MC.	Few quantity of legacy waste has been remediated by all MCs. 100% remediation of legacy waste shall be made by all MCs by 31.12.2022.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
		solid waste w.r.t each MC was observed.		treatment of wet waste. No record has been maintained by any MC.			
12.	Hoshiarpur (10 MCs)	As per District Environment Plan, source segregation of solid waste has been achieved by MC in the range 83-100%, whereas, as per the monitoring carried out by PPCB on 09.05.2022 and 10.05.2022, and seen online (through Whatsapp) by the Chairman of the Monitoring Committee, there was poor source segregation of solid waste by MCs and un-segregated solid waste was found dumped at solid waste dumping sites of all MCs.	Adequate number of vehicles for door to door collection and transportation of solid waste have been provided by all MCs.	<b>On site composting by BWGs:</b> BWGs have been identified by all MCs. All MCs submitted that BWGs existing in their area shall be pursued to provide compost pits for treatment of wet waste by 31.08.2022. For dry waste management, agreement shall be made by BWGs with MCs by 15.05.2022. <b>Wet Waste Management: Composting of Wet Waste:</b> All MCs have provided adequate number of compost pits for treatment of wet waste. However, during the visit by PPCB on 09.05.2022 and 10.05.2022 and seen by the Chairman of	MCs submitted that adequate number of MRFs have been provided for management of dry waste, whereas, during the monitoring carried out by PPCB on 09.05.2022 and 10.05.2022, there was poor utilization of MRFs.	All MCs have not provided sanitary landfill site for disposal of inert waste. It was requested that sanitary landfill sites by all MCs shall be provided by 30.09.2022.	All MCs have remediated few quantity of legacy waste and informed that 100% legacy waste shall be remediated by 31.03.2023. During the visit by the PPCB on 09.05.2022 and 10.05.2022, it was observed that MC, Haryana had dumped mixed solid waste underground and accordingly it was directed to excavate the mixed solid waste and remediate the same within 01 month.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
				the Monitoring Committee online (through Whatsapp), compost pits were not being utilized properly and some of the compost pits were empty and some compost pits were containing other waste.			
13.	Kapurthala (07 MCs)	As per District Environment Plan, source segregation of solid waste achieved by MCs is in the range of 40-100%, whereas, as per the inspection carried out by PPCB on 16.05.2022 and seen by the Chairman of the Monitoring Committee online (through Whatsapp), poor source segregation of solid waste was found and mixed solid waste was found dumped at dumping sites of all MCs.	Adequate number of vehicles are available with all MCs except MC, Kapurthala which has to provide 08 no. Tata ACE by 31.08.2022.	<b>On site composting BWGs:</b> All MCs have identified bulk waste generators and MCs informed that these bulk waste generators shall be pursued to construct compost pits in their premises by 31.08.2022. For management of dry waste, these bulk waste generators shall be pursued to make agreement with MCs by 31.08.2022. <b>Wet Waste Management: Composting of Wet</b>	MCs have provided adequate number of MRFs except MC Kapurthala and Phagwara, which have been directed to construct adequate no. of MRFs by 31.08.2022.	Sanitary landfill sites have not been provided by MCs and same shall be provided by 31.12.2022.	Some quantity of legacy waste has been remediated by MCs and MCs were directed to remediated 100 % legacy waste by 31.12.2022.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
				<b>Waste:</b> MCs have provided adequate number of compost pits except MC, Kapurthala, Phagwara and Begowal, who have been directed to provide adequate number of compost pits by 31.12.2022.			
14.	SAS Nagar (08 MCs)	As per District Environment Plan, source segregation of solid waste achieved by MCs is in the range of 85-100%, whereas, as per the inspection carried out by PPCB on 25.05.2022 and seen by the Chairman of the Monitoring Committee online (through Whatsapp), poor source segregation of solid waste was found and mixed solid waste was found dumped at dumping sites of MCs.	Adequate number of vehicles for collection and transportation of solid waste are available with all MCs.	<b>On site composting BWGs:</b> All MCs have identified bulk generators and MCs informed that these bulk generators shall be pursued to construct compost pits in their premises by 31.08.2022. For management of dry waste, these bulk waste generators shall be pursued to make agreement with MCs by 31.08.2022. <b>Wet Waste Management: Composting of Wet</b>	All MCs except MCs Kharar, Lalru and Naya Gaon have provided adequate number of material recovery facilities for management of dry waste. These MCs have been directed to provide the same by 31.08.2022.	MC Mohali has constructed sanitary landfill site and for construction of one more sanitary landfill site, land is being identified. Remaining MCs and GMADA have been directed to provide sanitary landfill sites by 31.12.2022.	MC Naya Gaon has no legacy waste dump site and solid waste is being collected by private agency. MCs have been directed to quantify legacy waste by 31.7.2022 and remediate 100 % legacy waste by 31.03.2023.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
				<b>Waste:</b> MCs have provided adequate number of compost pits except MC, Naya Gaon and GMADA, who have been directed to provide adequate number of compost pits by 31.01.2023.			
15.	Moga (07 MCs)	As per District Environment Plan, source segregation of solid waste achieved by MCs is in the range of 85-100%, whereas, as per the inspection carried out by PPCB on 06.06.2022 and seen by the Chairman of the Monitoring Committee online (through Whatsapp), poor source segregation of solid waste was observed and mixed solid waste was found dumped at dumping sites of MCs.	Inadequate vehicles are available with MCs for collection and transportation of solid waste. These MCs have been directed to provide adequate number of vehicles for said activities by 30.9.2022.	<b>On site composting BWGs:</b> All MCs have identified bulk waste generators and MCs have been directed to pursue these BWGs to provide compost pits for treatment of wet waste by 30.9.2022 for and management of dry waste, agreement shall be made by BWGs with MCs by 30.9.2022. <b>Wet Waste Management: Composting of Wet Waste:</b> MCs have provided adequate	MCs have provided adequate number of MRFs for the management of dry waste.	Sites for construction of sanitary landfill site have been identified by all MCs and it has been directed to construct the same by 31.12.2022.	Few quantity of legacy waste has been remediated by MCs and it was directed to remediate 100% legacy waste by all MCs by 31.12.2022.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
				number of compost pits for management of wet waste.			
16.	Faridkot (03 MCs)	As per District Environment Plan, 90 % source segregation of solid waste has been achieved by all MCs, whereas, as per the inspection carried out by PPCB on 13.06.2022 and seen by the Chairman of the Monitoring Committee online (through Whatsapp), poor segregation of solid waste was observed and mixed solid waste was found dumped at dumping sites of MCs.	Adequate number of vehicles for collection and transportation of solid waste are available with all MCs.	<b>On site composting by BWGs:</b> All MCs have identified bulk waste generators and MCs have been directed to pursue these BWGs to provide compost pits for treatment of wet waste by 30.9.2022 and for management of dry waste, agreement shall be made by BWGs with MCs by 30.9.2022. <b>Wet Waste Management: Composting of Wet Waste:</b> MCs have provided adequate number of compost pits for management of wet waste.	MCs have provided adequate number of MRFs for the management of dry waste.	MCs have not identified suitable sites for disposal of inert waste. It was directed to identify suitable site for development of sanitary landfill sites by 31.07.2022 and the same shall be developed / set up by 31.12.2022.	Assessment of legacy waste lying dumped at dumping sites has not been made by any MC. These MCs have been directed to assess the quantity of legacy waste by 31.07.2022 and remediate 100% legacy waste by 31.12.2022.
17.	Ferozepur (08 MCs)	As per District Environment Plan, 100 % source segregation of solid waste has been achieved	Inadequate vehicles are available with MCs for collection and transportation of solid waste. These MCs have been directed to	<b>On site composting by BWGs:</b> All MCs have identified bulk waste generators and	MCs have provided adequate number of material recovery facilities for	MCs have not identified suitable sites for disposal of inert waste. It was directed to identify suitable site for development of	Assessment of legacy waste, lying dumped at dumping sites, has not been made by any MC. These



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
		by all MCs, whereas, as per the inspection carried out by PPCB on 13.06.2022 and seen by the Chairman of the Monitoring Committee online (through Whatsapp), poor segregation of solid waste was observed and mixed solid waste was found dumped at dumping sites of MCs.	provide adequate number of vehicles for said activities by 30.6.2022.	MCs have been directed to pursue BWGs to provide compost pits in their premises by 31.8.2022 and for management of dry waste, agreement shall be made by BWGs with MCs by 31.8.2022. <b>Wet Waste Management: Composting of Wet Waste:</b> MCs have provided adequate number of compost pits for management of wet waste.	management of dry waste.	sanitary landfill site by 30.9.2022 and the same shall be developed scientifically by 31.12.2022.	MCs have been directed to assess the quantity of legacy waste by 31.07.2022 and remediate 100% legacy waste by 31.12.2022. Further, during the inspection carried out by PPCB on 13.06.2022, it was observed that solid waste was found dumped underground by MC Ferozepur on the land measuring about 2 acres. The Monitoring Committee directed that PPCB shall assess the quantity of solid waste dumped underground and the same may be got extracted and remediated from MC Ferozepur by 31.08.2022.
18.	Jalandhar (13 MCs)	As per District Environment Plan, 70-90% source segregation of solid waste has been achieved by all MCs,	Adequate number of vehicles for collection and transportation of solid waste are available with all MCs.	<b>On site composting by BWGs:</b> All MCs have identified bulk waste generators and MCs have been	All MCs except MC Jalandhar have constructed adequate number of MRFs. MC Jalandhar has	No sanitary landfill site has been identified by any MC. It was directed that sites for sanitary landfill may be identified by 30.09.2022 and the	Remediation of legacy waste has not been started by any MC. It was informed that 100% of legacy waste shall be



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
		whereas, as per the inspection carried out by PPCB on 27.06.2022 and seen by the Chairman of the Monitoring Committee online (through Whatsapp), poor segregation of solid waste was observed and mixed solid waste was found dumped at dumping sites of MCs.		directed to pursue BWGs to provide compost pits in their premises by 31.12.2022 and for management of dry waste, agreement shall be made by BWGs with MCs by 30.09.2022. <b>Wet Waste Management: Composting of Wet Waste:</b> 09 MCs and Cantonment Board, Jalandhar have provided adequate number of compost pits, whereas, 04 MCs have been directed to construct adequate number of compost pits by 31.12.2022.	been directed to construct adequate number of MRFs by 31.12.2022.	sites may be developed scientifically by 31.12.2022.	remediated by 31.12.2022.
19.	Ludhiana (11 MCs)	As per District Environment Plan, 25-30% source segregation of solid waste by MC Ludhiana has been achieved and in the case of remaining 10 MCs, achievement of source	Inadequate waste collection vehicles are available with MC Ludhiana and adequate vehicles are available with other 10 MCs. For transportation of solid waste, adequate vehicles are available with all the 11 MCs.	<b>Wet Waste Management: On site Composting by BWGs:</b> BWGs have been identified by all MCs and these have been directed to provide compost pits in their premises by 30.09.2022	MC Ludhiana needs to set up Waste to Energy Plant by 30.04.2024. Remaining 10 MCs have provided adequate number of MRFs.	MC Ludhiana has constructed 1 <sup>st</sup> sanitary landfill site of capacity 95000 MT and remaining 4 cells of sanitary landfill site shall be completed in a time bound manner. Remaining 10 MCs are yet to establish sanitary land fill sites and the same shall be completed	MC Ludhiana has proposed to process 5 lakh MT of legacy waste with project cost as Rs. 29.15 crore, out of total 20 lakh MT lying dumped at legacy waste dumping site and the same



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
		segregation of solid waste has been mentioned in the range of 95-100%. During the meeting held with the District Level Officers on 12.07.2022, it was apprised that 50% source segregation of solid waste has been achieved by MC Ludhiana and 50-75% source segregation of solid waste by all the remaining 10 MCs has been achieved. On the request of the MCs, the Monitoring Committee directed to achieve 100% source segregation of solid waste by all MCs by 31.12.2022.		and agreement for management of dry Waste by BWGs with MCs was directed to be made by 31.08.2022. <b>Wet Waste Management: Composting of Wet Waste</b> MC Ludhiana needs to upgrade the existing Solid Waste Management Plant for which the timeline for commissioning of the same has been mentioned as 30.04.2024. Other MCs have provided adequate number of compost pits for Management of Wet Waste.		by 31.03.2023.	shall be remediated by 30.04.2024. The remaining quantity of 15 lakh MT of legacy waste may also be remediated by 30.4.2024. Other MCs have remediated small quantity of legacy waste and whole of the legacy waste shall be remediated by all MCs by 31.12.2022.
20.	Barnala (05 MCs)	As per District Environment Plan, 100% source segregation of solid waste has been achieved by all MCs, whereas, as per the inspection carried out by PPCB on 06.08.2022 and	Adequate number of vehicles for collection and transportation of solid waste are available with all MCs.	<b>On site composting by BWGs:</b> MCs have not identified the bulk waste generators and it was directed to identify the same by 30.09.2022 and these bulk waste	Adequate number of MRFs have been provided by all MCs. MC Barnala shall construct 01 more MRF by 30.09.2022.	Sites for sanitary landfill have been identified by 02 MCs, whereas, 03 MCs are yet to identify sanitary landfill sites. It was directed that 03 MCs may identify suitable sites by 30.09.2022 and sanitary landfill sites may be developed	MCs have started the work of remediation of legacy waste and it was directed that 100% legacy waste may be remediated by all MCs by 31.12.2022.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
		seen online (through Whatsapp) by the Chairman of the Monitoring Committee, poor source segregation of solid waste by all MCs was observed and mixed solid waste was found dumped at dumping sites of MCs.		generators may be directed to construct compost pits in their premises by 31.12.2022 and these BWGs may make agreement with concerned MC for management of dry waste by 30.09.2022 and bulk waste generators existing outside MC area may provide compost pits of adequate capacity by 31.12.2022 and for management of dry waste, these bulk waste generators may make agreement with Department of Rural Development & Panchayat by 30.09.2022.  <b>Wet Waste Management: Composting of Wet Waste:</b> Adequate number of compost pits have been provided by all MCs.		by all MCs in scientific manner by 31.12.2022.	



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
21	Bathinda (17 MCs)	As per District Environment Plan, 100% source segregation of solid waste has been achieved by 15 MCs and 90-96% source segregation of solid waste by remaining 2 MCs. During the monitoring of MCs carried out by PPCB on 07.08.2022, which was seen by the Chairman of the Monitoring Committee online (through Whatsapp), it was observed that there is poor source segregation of solid waste by 14 MCs. All MCs have been directed to achieve 100% source segregation of solid waste by 31.12.2022.	Adequate number of vehicles for collection and transportation of solid waste have been provided by all MCs.	<b>On site Composting by BWGs:</b> All MCs have identified BWGs. No BWGs exist in 09 MCs. Out of remaining 08 MCs, BWGs in 05 MCs have constructed compost pits in their premises for management of wet waste and 03 MCs have made agreement with BWGs for treatment of wet waste. For Management of dry Waste, it has been directed to make agreement by BWGs with concerned MC for lifting and management of dry waste by 30.09.2022. DDPO has also been asked to assess the quantity of solid waste (Wet and Dry Waste) generated by Bulk Waste Generators existing outside MC areas and the same may be directed to	All MCs have provided adequate no. of MRFs for management of dry Waste except MC Bathinda, which has mentioned that solid waste processing plant of capacity 350 TPD has been set up and mechanical segregation is done through Ballistic separator. MC Maur may provide MRF by 31.12.2022.	Most of the MCs have not identified suitable site for development of sanitary landfill and it was directed to identify the same by 30.09.2022 and sanitary landfill site may be developed scientifically by 31.01.2023. All the remaining MCs, which have already identified suitable site for sanitary land fill, may also develop the same by 31.01.2023.	07 MCs have remediated 100% legacy waste. The remaining 10 MCs have either remediated small quantity of legacy waste or have not started the work of remediation of legacy waste and these have been directed to remediate 100% legacy waste by 31.03.2023.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
				construct compost pits by 31.10.2022 and for management of dry waste, these BWGs may make agreement with nearby MC. <b>Wet Waste Management:</b> <b>Composting</b> <b>Wet Waste:</b> All MCs except MC Maluka have provided adequate no. of compost pits for management of wet waste. MC Maluka may provide adequate no. of compost pits by 31.12.2022.			
22.	Amritsar (07 MCs)	As per District Environment Plan, 100% source segregation of solid waste has been achieved by 02 MCs and 30-80% source segregation of solid waste by remaining 05 MCs. Monitoring of MCs carried out by PPCB on 19.08.2022, which was seen by the Chairman of the Monitoring Committee online (through	Adequate number of vehicles for collection and transportation of solid waste have been provided by all MCs. MC, Amritsar has inadequate mini collection trucks.	<b>Onsite composting by BWGs:</b> MCs Amritsar and Rayya have identified BWGs, whereas, no BWGs exist in MCs Majitha, Jandiala, Ajnala, Ramdass and Raja Sansi. MCs Amritsar and Rayya may pursue BWGs existing in their area to provide compost pits of adequate capacity by 31.12.2022. These MCs may	All MCs have adequate number of MRFs except MCs Majitha and Rayya and these MCs have been directed to provide adequate number of MRFs for management of dry waste by 31.12.2022.	All MCs are yet to establish sanitary landfill sites except MC Amritsar which has provided sanitary landfill site. All 06 MCs have been directed to identify suitable sites for sanitary land fill by 31.10.2022 and sites may be developed scientifically by 31.1.2023.	All 05 MCs have remediated legacy waste in the range of 20-35%. 02 MCs have no legacy waste dump site. All 05 MCs have been directed to remediate 100% legacy waste by 31.3.2023.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
		Whatsapp), indicated that there is poor source segregation of solid waste by 07 MCs. All MCs have been directed to achieve 100% source segregation of solid waste by 31.12.2022.		also pursue BWGs existing in their area to make agreement with MCs for management of dry waste by 31.12.2022. BWGs existing outside MCs area may provide compost pits of adequate capacity by 31.12.2022 and for management of dry waste, BWGs may make agreement with MCs/village panchayats by 31.12.2022. <b>Wet waste management: Composting of wet waste</b> All MCs have provided adequate number of compost pits for management of wet waste except MCs Majitha and Jandiala. These MCs have been asked to provide adequate number of compost pits by 31.12.2022.			
23.	Tarn	As per District	Adequate number	Onsite	All MCs have	As per District	All 04 MCs



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
	Taran (04 MCs)	Environment Plan, 100% source segregation of solid waste has been achieved in 01 MC and 30-80% source segregation of solid waste by remaining 03 MCs. Monitoring of MCs carried out by PPCB on 19.08.2022, which was seen by the Chairman of the Monitoring Committee online (through Whatsapp), indicated that there is poor source segregation of solid waste by 04 MCs. All MCs have been directed to complete 100% source segregation of solid waste by 31.12.2022.	of vehicles for collection and transportation of solid waste have been provided by all MCs. MC Tarn Taran has inadequate mini collection trucks	<b>composting by BWGs:</b> MCs Taran Tarn and Patti have identified BWGs, whereas, no BWGs exist in MCs Bhiki wind and Khemkaran. MCs Taran Tarn and Patti may pursue BWGs existing in their area to provide compost pits of adequate capacity by 31.12.2022. These MCs may also pursue BWGs existing in their area to make agreement with MCs for management of dry waste by 31.12.2022. BWGs existing outside MCs area may provide compost pits of adequate capacity by 31.12.2022 and for management of dry waste, BWGs may make agreement with MCs/village panchayats by 31.12.2022. <b>Wet waste management: Composting of wet waste</b>	provided adequate number of MRFs except MC Tarn Taran, which has been directed to provide adequate number of MRFs by 31.12.2022.	Environment Plan, none of the MC has provided sanitary landfill site for disposal of inert and non-recyclable waste.	have been directed to quantify legacy waste by 31.10.2022 and 100% legacy waste may be remediated by 31.3.2023.



Sr. No	Name of District	Solid waste management activities					
		Source segregation	Vehicles for collection and transportation of solid waste	Wet waste management	Dry waste management	Status of sanitary landfill site	Remediation of legacy waste
				MCs Bhikhiwind and Khemkaran have adequate number of compost pits for management of wet waste except MCs Tarn Taran and Patti. These MCs have been asked to provide adequate number of compost pits by 31.12.2022.			

✓ **Plastic waste management**

Sr. No	Name of District	Plastic waste management activities			
		Door to door collection	Plastic waste collection centre	Access to plastic waste disposal facilities	Facilitate organised collection of plastic waste at waste transfer points/material recovery facilities
1.	Patiala (09 MCs)	100% door to door collection of plastic waste by all MCs.	Adequate number of MRFs available with each MC but dedicated plastic waste collection centres are required to be provided at MRF sites.	All MCs have made agreement with authorized agency for disposal of plastic waste	All MCs have vehicles and waste pickers for collection and transportation of plastic waste to carry to MRF sites.
2.	Fatehgarh Sahib (05 MCs)	100% door to door collection of plastic waste by all MCs.	Adequate number of MRFs have been provided by all MCs but no dedicated plastic waste collection centres provided at MRF sites.	All MCs have signed agreement with MAX company for disposal of plastic waste.	Adequate number of vehicles and waste pickers are available with all MCs to carry plastic waste to MRF sites.
3. & 4.	Sangrur & Malerkotla (13 MCs)	100% door to door collection of plastic waste by all MCs.	Adequate number of MRFs have been provided by all MCs but no dedicated plastic waste collection centres provided at MRF	All MCs have signed agreement with MAX company for disposal of plastic waste.	Adequate vehicles and waste pickers are available with all MCs to carry plastic waste to MRF sites.



Sr. No	Name of District	Plastic waste management activities			
		Door to door collection	Plastic waste collection centre	Access to plastic waste disposal facilities	Facilitate organised collection of plastic waste at waste transfer points/material recovery facilities
			sites.		
5.	SBS Nagar (4 MCs)	100% door to door collection of plastic waste by all MCs.	No plastic waste collection centres provided by MCs	M/s Shakti Plastic Company has been engaged by MCs for disposal of plastic waste	Waste pickers and compartmentalized vehicles have been provided by all MCs to carry plastic waste to MRF sites.
6.	Mansa (07 MCs)	100% door to door collection of plastic waste by all MCs.	MRFs have been provided by all MCs but no dedicated plastic waste collection centres provided at MRF sites.	No agreement/contract has been made by MCs with authorized agency for disposal of plastic waste	Waste pickers and compartmentalized vehicles have been provided by all MCs to carry plastic waste to MRF sites.
7.	Ropar (06 MCs)	100% door to door collection of plastic waste by all MCs.	Plastic waste collection centres have not been provided by all MCs	No agreement/contract made by MCs with authorized agency for disposal of plastic waste	Waste pickers and compartmentalized vehicles have been provided by all MCs to carry plastic waste to MRF sites.
8.	Gurdaspur (08 MCs)	100% door to door collection of plastic waste by all MCs.	MC Batala and Gurdaspur are yet to provide adequate number of plastic waste collection centres and the timeline mentioned as 31.12.2021, for providing adequate number of plastic waste collection centre, has been expired and on the request of MCs, the same has been extended to 30.9.2022.	All the MCs have made agreement with authorized agency for disposal of plastic waste collected at material recovery facilities.	Number of waste pickers and compartmentalized vehicles deployed for door to door collection of plastic waste and carry the same to the material recovery facility sites have not been mentioned by all MCs.
9.	Pathankot (03 MCs)	100% door to door collection of plastic waste by all MCs.	No dedicated plastic waste collection centres have been provided by any MC	No agreement/contract has been made by MCs with an authorized agency for disposal of plastic waste	Number of waste pickers and compartmentalized vehicles deployed for door to door collection of plastic waste and carry the same to the material recovery facility sites have not been mentioned by all MCs.
10	Fazilka (04 MCs)	100% door to door collection of plastic waste by all MCs.	No dedicated plastic waste collection centres have been provided by any MC	In the District Environment Plan, it has been mentioned that plastic waste is being used in road construction and industrial sector but no agreement has been made by any MC with any authorized agency for processing of plastic waste.	Number of waste pickers and compartmentalized vehicles deployed for door to door collection of plastic waste and carry the same to the material recovery facility sites have not been mentioned by all MCs.
11.	Sri Muktsar	100% door to door collection of plastic	No dedicated plastic waste collection	No agreement/contract has been made by MCs with	Number of waste pickers and compartmentalized vehicles deployed



Sr. No	Name of District	Plastic waste management activities			
		Door to door collection	Plastic waste collection centre	Access to plastic waste disposal facilities	Facilitate organised collection of plastic waste at waste transfer points/material recovery facilities
	Sahib (04 MCs)	waste by all MCs.	centres have been provided by any MC	authorized agency for disposal of plastic waste	for door to door collection of plastic waste and carry the same to the material recovery facility sites have not been mentioned by all MCs.
12.	Hoshiarpur (10 MCs)	100% door to door collection of plastic waste by all MCs.	MRFs have been provided by MCs. MCs are required to provide dedicated plastic waste collection centres at MRFs sites.	All MCs have made agreement with M/s Shakti Plastic Pvt. Ltd. to purchase / collect plastic waste.	All MCs have provided vehicles for door to door collection of plastic waste but the data w.r.t. number of waste collectors deployed for door to door collection of dry waste including plastic waste has not been mentioned by all MCs.
13.	Kapurthala (07 MCs)	100% door to door collection of plastic waste by all MCs.	MRFs have been provided by MCs. MCs are required to provide dedicated plastic waste collection centres at MRFs sites.	All MCs have made agreement with M/s Shakti Plastic Pvt. Ltd. to purchase / collect plastic waste.	MCs except MCs Kapurthala and Phagwara have provided vehicles for door to door collection of plastic waste but the data w.r.t. number of waste collectors deployed for door to door collection of dry waste including plastic waste has not been mentioned.
14	SAS Nagar (08 MCs)	100% door to door collection of plastic waste by all MCs.	MRFs have been provided by MCs. MCs are required to provide dedicated plastic waste collection centres at MRFs sites.	M/s Mars Envirotech Limited, Derabassi has set up a waste to energy plant and PPCB has been directed to coordinate with MCs for scientific disposal of their plastic waste.	Adequate number of vehicles have been provided for collection and transportation of plastic waste to material recovery facility sites. The data w.r.t. number of waste collectors deployed for door to door collection of dry waste including plastic waste has not been mentioned by any MCs.
15.	Moga (07 MCs)	100% door to door collection of plastic waste by all MCs.	MRFs have been provided by MCs. MCs are required to provide dedicated plastic waste collection centres at MRFs sites.	All MCs have to identify plastic waste processing facility by 30.09.2022 and make agreement with said facility by 31.10.2022 and may start sending plastic waste to the authorized agency by 30.11.2022.	Adequate number of vehicles have been provided for collection and transportation of plastic waste to material recovery facility sites. The data w.r.t. number of waste collectors deployed for door to door collection of dry waste including plastic waste has not been mentioned by any MC.
16.	Faridkot (03 MCs)	100% door to door collection of plastic waste by all MCs.	01 MRF by each MC has been provided. MCs are required to provide dedicated plastic waste collection centres at MRFs sites.	All MCs have to identify plastic waste processing facility by 30.09.2022 and make agreement with said facility by 31.10.2022 and may start sending plastic waste to the authorized agency by 30.11.2022.	Adequate vehicles have been provided for collection and transportation of plastic waste to the material recovery facility sites. The data w.r.t. number of waste collectors deployed for door to door collection of dry waste including plastic waste has not been mentioned by any MCs.
17.	Ferozepur (08 MCs)	100% door to door collection of plastic waste by all MCs.	MCs have provided adequate number of MRFs. It was directed that MCs may earmark / provide dedicated plastic waste	All MCs have to identify plastic waste processing facility by 30.09.2022 and make agreement with said facility by 31.10.2022 and may start sending plastic waste to the authorized	Inadequate vehicles are available with MCs for collection and transportation of plastic waste to the material recovery facility sites. Also, the data w.r.t. number of waste collectors deployed for door to door collection of dry waste including plastic waste has not been



Sr. No	Name of District	Plastic waste management activities			
		Door to door collection	Plastic waste collection centre	Access to plastic waste disposal facilities	Facilitate organised collection of plastic waste at waste transfer points/material recovery facilities
			collection centre at MRF sites.	agency by 30.11.2022.	mentioned by any MCs.
18.	Jalandhar (13 MCs)	50-95 % door to door collection of dry waste including plastic waste has been achieved by all MCs. It was informed that 100% door to door collection of dry waste including plastic waste shall be achieved by 30.09.2022.	All MCs have been directed to provide dedicated plastic waste collection centres at MRF sites by 30.9.2022.	All MCs have been directed to identify authorized plastic waste processing facility by 30.09.2022 and plastic waste may be started sending to authorized agency by 31.10.2022.	Adequate vehicles are available with MCs for collection and transportation of plastic waste to the material recovery facility sites. The data w.r.t. number of waste collectors deployed for door to door collection of dry waste including plastic waste has not been mentioned by any MCs.
19.	Ludhiana (11 MCs)	93% door to door collection of dry waste including plastic waste has been achieved by MC Ludhiana and 100% door to door collection of plastic waste by other MCs.	Dedicated plastic waste collection centres have not been provided by MCs and it was directed to set up the same by 31.12.2022.	No proposal has been submitted by MC Ludhiana. Further, MCs have not made agreement with authorized agency for processing of plastic waste and the same may be made by 30.09.2022.	There is partial collection and final disposal of plastic waste by MC Ludhiana. The remaining 10 MCs have provided MRFs for collection of plastic waste. However, the number of waste pickers and compartmentalized vehicles deployed for collection and transportation of plastic waste to MRFs site have not been mentioned in the District Environment Plan.
20.	Barnala (05 MCs)	100% door to door collection of plastic waste by all MCs.	MCs have provided adequate number of plastic waste collection centres.	All MCs have been directed to identify authorized plastic waste processing facility by 30.09.2022 and make an agreement with said agency by 31.10.2022 and plastic waste may be started sending to said agency by 30.11.2022.	Adequate number of vehicles are available with MCs for collection and transportation of plastic waste to material recovery facility sites. The data w.r.t. number of waste collectors deployed for door to door collection of dry waste including plastic waste has not been mentioned by any MCs.
21.	Bathinda (17 MCs)	100% door to door collection of plastic waste by all MCs.	All MCs have provided MRFs for collection of dry waste. These MCs may provide dedicated plastic waste collection centres by 31.12.2022.	All MCs have been directed to identify authorized plastic waste processing facility by 30.09.2022 and make an agreement with said agency by 31.10.2022 and plastic waste may be started sending to said agency by 30.11.2022.	Adequate no. of MRFs have been provided by all MCs. The data w.r.t. compartmentalized vehicles deployed for collection and transportation of plastic waste and number of waste collectors deployed for door to door collection of dry waste including plastic waste have not been mentioned under the said activity.
22.	Amritsar (07 MCs)	100% door to door collection of plastic waste by all MCs.	All 05 MCs have adequate number of MRFs except 02 MCs, who have been directed to provide adequate	All MCs have been directed to identify authorized plastic waste processing facility by 30.09.2022 and make an agreement with said agency by 31.10.2022 and plastic	Adequate no. of MRFs have been provided by all MCs except 02 MCs. The data w.r.t. compartmentalized vehicles deployed for collection and transportation of plastic waste and number of waste collectors deployed



Sr. No	Name of District	Plastic waste management activities			
		Door to door collection	Plastic waste collection centre	Access to plastic waste disposal facilities	Facilitate organised collection of plastic waste at waste transfer points/material recovery facilities
			number of MRFs by 31.12.2022.	waste may be started sending to said agency by 30.11.2022.	for door to door collection of dry waste including plastic waste have not been mentioned under the said activity.
23.	Tarn Taran (04 MCs)	100% door to door collection of plastic waste by all MCs.	MCs have been directed to provide dedicated plastic waste collection centres by 31.12.2022.	All MCs have been directed to identify authorized plastic waste processing facility by 30.09.2022 and make an agreement with said agency by 31.10.2022 and plastic waste may be started sending to said agency by 30.11.2022.	Adequate no. of MRFs have been provided by all MCs except MC Tarn Taran. MC Tarn Taran may provide adequate of MRFs by 31.12.2022. The data w.r.t. compartmentalized vehicles deployed for collection and transportation of plastic waste and number of waste collectors deployed for door to door collection of dry waste including plastic waste have not been mentioned under the said activity.

✓ **C&D waste management**

Sr. No	Name of District	C&D waste management activities			
		Arrangement for separate collection of C&D waste	C&D waste recycling facility	Uses of recycling C&D waste for various usage	Fixation of user fee
1.	Patiala (09 MCs)	Separate sites have been identified by MCs but have not developed for deposition of C&D waste	All MCs have installed crushing/grinding machines to make C&D waste recyclable except MC Nadha.	Yet not started by any MC.	No user fee has been fixed by any MC.
2.	Fatehgarh Sahib (05 MCs)	Sites have been identified by all MCs but have not developed for deposition of C&D waste	No recycling facility has been provided by any MC.	No recycling facility has been provided and no mechanism has been provided to make C&D waste recyclable.	User fee has been fixed by all MCs.
3. & 4.	Sangrur & Malerkotla (13 MCs)	Sites have been identified by all MCs but have not developed for deposition of C&D waste	No recycling facility has been provided by any MC.	No recycling facility has been provided and no mechanism has been provided to make C&D waste recyclable.	User fee has been fixed by all MCs.
5.	SBS Nagar (4 MCs)	Sites have been identified by all MCs but have not developed for deposition of C&D waste	No recycling facility has been provided by any MC.	No recycling facility has been provided and no mechanism has been provided to make C&D waste recyclable by any MC.	User fee has been fixed by all MCs .
6.	Mansa (07 MCs)	Sites have been identified by all	No recycling facility has been provided by any MC.	No recycling facility has been provided and no	User fee has been fixed by all MCs.



Sr. No	Name of District	C&D waste management activities			
		Arrangement for separate collection of C&D waste	C&D waste recycling facility	Uses of recycling C&D waste for various usage	Fixation of user fee
		MCs but have not developed for deposition of C&D waste		mechanism has been provided to make C&D waste recyclable by any MC.	
7.	Rupnagar (6 MCs)	Sites have been identified by all MCs but yet to be developed.	No recycling facility has been provided by any MC.	No recycling facility has been provided and no mechanism has been provided to make C&D waste recyclable by any MC.	No user fee has been fixed by any MC.
8.	Gurdaspur (08 MCs)	All MCs have provided separate sites for collection of C&D waste.	No recycling facility has been provided by any MC.	No recycling system has been provided and no mechanism has been provided to make C&D waste recyclable by any MC.	User fee has been fixed by all MCs.
9.	Pathankot (03 MCs)	C&D waste disposal sites have been identified by all MCs but C&D waste recycling facility not provided	No recycling facility has been provided by any MC.	No recycling facility has been provided and no mechanism has been provided to make C&D waste recyclable by any MC.	User fee has been fixed by all MCs.
10.	Fazilka (04 MCs)	Sites for deposition of C&D waste have been identified by all MCs.	No recycling facility has been provided by any MC. Assured to provide C&D waste recycling facilities by 30.9.2022.	No recycling facility has been provided and no mechanism has been provided to make C&D waste recyclable by any MC.	User fee has been fixed by all MCs.
11.	Sri Muktsar Sahib (04 MCs)	Separate C&D waste collection sites have been provided by all MCs.	No recycling facility has been provided by any MC. Assured to provide C&D waste recycling facilities by 30.9.2022.	No recycling facility has been provided and no mechanism has been provided to make C&D waste recyclable by any MC.	User fee has been fixed by all MCs.
12.	Hoshiarpur (10 MCs)	All MCs have identified sites for separate collection of C&D waste.	No recycling facility has been provided by any MC. Assured to provide C&D waste recycling facilities by 31.12.2022.	No recycling facility has been provided and no mechanism has been provided to make C&D waste recyclable by any MC.	User fee has been fixed by all MCs.
13.	Kapurthala (07 MCs)	All MCs have identified sites for separate collection of C&D waste.	No recycling facility has been provided by any MC. Assured to provide C&D waste recycling facilities by 31.12.2022.	No recycling facility has been provided and no mechanism has been provided by any MC to make C&D waste recyclable and it was directed to provide the same by 31.12.2022.	User fee has been fixed by all MCs.



Sr. No	Name of District	C&D waste management activities			
		Arrangement for separate collection of C&D waste	C&D waste recycling facility	Uses of recycling C&D waste for various usage	Fixation of user fee
14.	SAS Nagar (08 MCs)	All MCs except Naya Gaon and GMADA have identified sites for separate collection of C&D waste. MC Naya Gaon and GMADA have been directed to provide sites for separate collection of C&D waste by 31.08.2022.	No recycling facility has provided by any MC. Assured to provide C&D waste recycling facilities by 30.09.2022.	No recycling facility has been provided and no mechanism has been provided by any MC to make C&D waste recyclable and it was directed to provide the same by 30.09.2022.	03 MCs have fixed user fee and the remaining MCs have committed to fix user fee by 31.07.2022.
15	Moga (07 MCs)	All MCs have identified sites for separate collection of C&D waste.	No recycling facility has provided by any MC. Assured to provide C&D waste recycling facilities by 31.12.2022.	No recycling facility has been provided and no mechanism has been provided to make C&D waste recyclable by any MC and it was directed to provide the same by 31.12.2022.	User fee has been fixed by all MCs.
16.	Faridkot (3 MCs)	MCs have not identified suitable sites for separate collection of C&D waste at C&D waste deposition points and it was directed to identify the same by MCs by 31.08.2022 and the sites may be developed scientifically by 31.12.2022.	No recycling facility provided by any MC. It was directed that C& D waste processing machinery may be set up by 31.12.2022 and recyclable C&D waste may be started utilizing in paving blocks, lower layer of roads, rural roads etc by 31.01.2023.	No recycling facility has been provided by any MC. It was directed that C& D waste processing machinery may be set up by 31.12.2022 and recyclable C&D waste may be started utilizing in paving blocks, lower layer of roads, rural roads etc by 31.01.2023.	User fee has been fixed by all MCs.
17	Ferozepur (08 MCs)	MCs are yet to identify suitable sites for collection of C&D waste and directed to identify the same by 31.07.2022 and the same may be developed scientifically by 30.09.2022.	No recycling facility provided by any MC. It was directed that C& D waste processing machinery may be set up by 30.9.2022 and recyclable C&D waste may be started utilizing in paving blocks, lower layer of roads, rural roads etc by 31.10.2022.	No recycling facility provided by any MC. It was directed that C& D waste processing machinery may be set up by 30.9.2022 and recyclable C&D waste may be started utilizing in paving blocks, lower layer of roads, rural roads etc by 31.10.2022.	User fee has been fixed by all MCs.
18.	Jalandhar (13 MCs)	MCs have identified sites for depositing C&D	MCs have been directed to install appropriate machinery for processing of C&D waste to make it	MCs have been directed to install appropriate machinery to make C&D	User fee has been fixed by all MCs.



Sr. No	Name of District	C&D waste management activities			
		Arrangement for separate collection of C&D waste	C&D waste recycling facility	Uses of recycling C&D waste for various usage	Fixation of user fee
		waste and it was directed to develop the same scientifically by 30.09.2022.	recyclable and the same may be provided by all MCs by 31.12.2022 and recyclable C&D waste shall be started utilizing for paving block, lower layer of roads, rural roads etc by 31.01.2023.	waste recyclable and the same may be provided by all MCs by 31.12.2022 and recyclable C&D waste shall be started utilizing for paving block, lower layer of roads, rural roads etc. by 31.01.2023.	
19	Ludhiana (11 MCs)	MC Ludhiana has provided 06 separate collection sites. Other 10 MCs have also provided C & D Waste Collection sites.	MC Ludhiana has proposed to install 01 recycling facility of 100 TPD costing Rs. 7.96 crore and work order shall be issued on 30.09.2022 and C&D waste recycling plant shall be setup by 31.10.2023. Remaining 10 MCs committed to install appropriate machinery to make C&D waste usable and recyclable by 31.03.2023 and C&D waste shall be started utilizing in paving blocks, lower layers of roads pavements, colony, rural roads etc. by 30.11.2023 (MCL) and 30.04.2023 by other MCs.	MC Ludhiana has proposed to install 01 recycling facility of 100 TPD costing Rs. 7.96 crore and work order shall be issued on 30.09.2022 and C & D waste recycling plant shall be setup by 31.10.2023. Remaining 10 MCs committed to install C&D waste recycling facility by 31.03.2023 and C&D waste shall be started utilizing in paving blocks, lower layers of road pavements, colony, rural roads etc. by 30.11.2023 (MCL) and 30.04.2023 by other MCs.	User fee has been fixed by all MCs.
20	Barnala (05 MCs)	All MCs except MC Barnala have identified sites for C&D waste. It was directed that MC Barnala may identify suitable site for development of C&D waste deposition site by 30.09.2022. Further, all MCs may develop C&D waste deposition sites scientifically by 31.12.2022.	No recycling facility provided by any MC. It was directed that all the MCs may install appropriate machinery for processing C&D waste to make it recyclable by 31.12.2022 and recyclable C&D waste may be started utilizing for useful usage like paving block, lower layers of roads, rural roads etc. by 31.1.2023.	No recycling facility provided by any MC. It was directed that all the MCs may install appropriate machinery for processing C&D waste to make it recyclable by 31.12.2022 and processed C&D waste may be started utilizing for useful usage like paving block, lower layers of roads, rural roads etc. by 31.1.2023.	User fee has been fixed by all MCs.
21.	Bathinda (17 MCs)	None of the MC has identified suitable site for separate collection of C&D waste and	All MCs have been directed to identify suitable sites for separate collection of C&D waste by 30.09.2022 and the said sites may be developed scientifically by	All the MCs have been directed to identify suitable sites for collection of C&D waste by 30.09.2022 and the said	User fee has been fixed by all MCs.



Sr. No	Name of District	C&D waste management activities			
		Arrangement for separate collection of C&D waste	C&D waste recycling facility	Uses of recycling C&D waste for various usage	Fixation of user fee
		all the MCs have been directed to identify suitable sites by 30.09.2022 and the said sites may be developed scientifically by 31.11.2022.	31.11.2022. C&D waste processing machinery/ grinding machinery may be setup by 31.12.2022 and the recyclable C&D waste may be started utilizing in various useful usage by 31.01.2023.	sites may be developed scientifically by 31.11.2022. C&D waste processing machinery/ grinding machinery may be setup by 31.12.2022 and the recyclable C&D waste may be started utilizing in various usage by 31.01.2023.	
22.	Amritsar (07 MCs)	All 07 MCs have provided separate sites for collection of C&D waste. All MCs have been directed to develop C&D waste deposition sites by 30.11.2022 and install C&D waste processing machinery by 31.1.2023 and may start using recyclable C&D waste for various usage by 28.2.2023.	All MCs have been directed to develop sanitary landfill sites by 30.11.2022. C&D waste processing machinery/ grinding machinery may be setup by 31.1.2023 and the recyclable C&D waste may be started utilizing in various usage by 28.2.2023.	All MCs have been directed to develop sanitary landfill sites by 30.11.2022. C&D waste processing machinery/ grinding machinery may be setup by 31.1.2023 and the recyclable C&D waste may be started utilizing in various usage by 28.2.2023.	User fee has been fixed by all MCs.
23.	Tarn Taran (04 MCs)	All the 04 MCs have provided separate collection sites for C&D waste. It was directed to install C&D waste processing machinery/grinding machinery by 31.1.2023.	All MCs have been directed to develop C&D waste deposition sites by 30.11.2022. C&D waste processing machinery/ grinding machinery may be setup by 31.1.2023 and the recyclable C&D waste may be started utilizing in various usage by 28.2.2023.	All the MCs may develop C&D waste deposition sites scientifically by 31.11.2022. C&D waste processing machinery/ grinding machinery may be setup by 31.1.2022 and the recyclable C&D waste may be started utilizing in various usage by 28.2.2023.	User fee has been fixed by all MCs.

✓ **Bio medical waste management**

Sr. No	Name of District	Bio medical waste management activities				
		Inventory and identification of HCFs	Adequacy of facilities to treat bio medical waste	Tracking of bio medical waste	Compliance to rules by HCFs and CBWTs	Wastewater treatment
1.	Patiala (09 MCs)	All 658 HCFs have been	CBWTF namely M/s Medicare	Barcode system has	PPCB is checking the compliance of Bio	No ETPs have been installed by 10 HCFs. PPCB has been



Sr. No	Name of District	Bio medical waste management activities				
		Inventory and identification of HCFs	Adequacy of facilities to treat bio medical waste	Tracking of bio medical waste	Compliance to rules by HCFs and CBWTs	Wastewater treatment
		identified and inventory has been completed.	environment Pvt. Ltd is collecting and treating the bio medical waste of all HCFs	been adopted by all HCFs	Medical Waste Management Rules, 2016	directed to get provide ETPs from the remaining HCFs by 31.12.2022.
2.	Fatehgarh Sahib (05 MCs)	All 267 HCFs have been identified and inventory has been completed.	Adequate.	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB.	No ETPs have been installed by 70 HCFs. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
3. & 4.	Sangrur & Malerkotla (13 MCs)	All 168 HCFs have been identified and inventory has been completed.	Adequate.	All HCFs have adopted barcode system.	PPCB is checking the compliance of Bio Medical Waste Management Rules, 2016 from time to time	No ETPs have been installed by 158 HCFs. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
5.	SBS Nagar (4 MCs)	All 237 HCFs have been identified and inventory has been completed.	Adequate.	Bar code system has been adopted by all HCFs and CBWTs	Regular monitoring is done by PPCB.	No ETPs have been installed by 197 HCFs. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
6.	Mansa (07 MCs)	All 303 HCFs have been identified. 297 HCFs have been granted authorization under Bio-medical Waste Management Rules, 2016	Adequate	Bar code system has been adopted by all HCFs and CBWTs	Regular monitoring is done by PPCB.	No ETPs have been installed by 96 HCFs. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
7.	Rupnagar (6 MCs)	All 456 HCFs have been identified. 343 HCFs have been granted authorization under Bio-medical Waste Management Rules, 2016	Adequate	Bar code system has been adopted by all HCFs and CBWTs	Regular monitoring is done by PPCB.	No ETPs have been installed by 129 HCFs. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
8.	Gurdaspur (08 MCs)	319 HCFs, out of total 514 HCFs, have been granted authorization under Bio-medical Waste Management Rules, 2016	Adequate	Bar code system has been adopted by all HCFs and CBWTs.	Compliance of Bio Medical Waste Management Rules, 2016 is made except providing ETPs by all the HCFs.	Out of total 197 HCFs requiring ETPs, 16 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.



Sr. No	Name of District	Bio medical waste management activities				
		Inventory and identification of HCFs	Adequacy of facilities to treat bio medical waste	Tracking of bio medical waste	Compliance to rules by HCFs and CBWTs	Wastewater treatment
9.	Pathankot (03 MCs)	All 265 HCFs have been identified and inventory has been completed.	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 105 HCFs requiring ETPs, 11 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
10.	Fazilka (04 MCs)	All 264 HCFs have been identified and inventory has been completed.	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 76 HCFs requiring ETPs, 04 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
11.	Sri Muktsar Sahib (04 MCs)	All 329 HCFs have been identified and inventory has been completed.	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 96 HCFs requiring ETPs, 05 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
12.	Hoshiarpur (10 MCs)	All 601 HCFs have been identified and inventory has been completed.	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 185 HCFs requiring ETPs, 08 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
13.	Kapurthala (07 MCs)	All 360 HCFs have been identified and inventory has been completed.	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 106 HCFs requiring ETPs, 08 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
14	SAS Nagar (08 MCs)	PPCB informed that out of total 1051 HCFs, authorization to 647 HCFs has been granted and the authorization application of remaining HCFs shall be processed by 31.08.2022.	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 236 HCFs requiring ETPs, 24 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
15.	Moga	All 317 HCFs	Adequate	All HCFs have	Regular monitoring is	Out of total 115 HCFs



Sr. No	Name of District	Bio medical waste management activities				
		Inventory and identification of HCFs	Adequacy of facilities to treat bio medical waste	Tracking of bio medical waste	Compliance to rules by HCFs and CBWTs	Wastewater treatment
	(07 MCs)	have been identified and inventory has been completed and these HCFs have obtained authorization under BMW Rules, 2016		adopted barcode system.	done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	requiring ETPs, 07 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
16.	Faridkot (03 MCs)	All 204 HCFs have been identified and inventory has been completed and these HCFs have obtained authorization under BMW Rules, 2016	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 78 HCFs requiring ETPs, 05 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
17.	Ferozepur (08 MCs)	All 240 HCFs have been identified and inventory has been completed and these HCFs have obtained authorization under BMW Rules, 2016	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 75 HCFs requiring ETPs, 06 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
18.	Jalandhar (13 MCs)	All 1278 HCFs have been identified and inventory has been completed and these HCFs have obtained authorization under BMW Rules, 2016	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 447 HCFs requiring ETPs, 44 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
19.	Ludhiana (11 MCs)	All 1411 HCFs have been identified and PPCB is in process identification of other HCFs and identification process shall be completed by	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 589 HCFs requiring ETPs, 34 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.



Sr. No	Name of District	Bio medical waste management activities				
		Inventory and identification of HCFs	Adequacy of facilities to treat bio medical waste	Tracking of bio medical waste	Compliance to rules by HCFs and CBWTs	Wastewater treatment
		30.09.2022.				
20.	Barnala (05 MCs)	All 261 HCFs have been identified and inventory has been completed and these HCFs have obtained authorization under BMW Rules, 2016	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 261 HCFs requiring ETPs, 03 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
21.	Bathinda (17 MCs)	All 680 HCFs have been identified and inventory of HCFs and these HCFs have obtained authorization under BMW Rules, 2016	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 281 HCFs requiring ETPs, 10 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
22.	Amritsar (07 MCs)	All 886 HCFs have been identified and inventory of HCFs has been completed. All these HCFs have obtained authorization under BMW Rules, 2016	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 374 HCFs requiring ETPs, 66 HCFs have installed the same. PPCB has been directed to get provide ETPs from the remaining HCFs by 31.12.2022.
23.	Tarn Taran (04 MCs)	All 224 HCFs have been identified and inventory of HCFs has been completed.	Adequate	All HCFs have adopted barcode system.	Regular monitoring is done by PPCB. However, PPCB is to make surprise inspection of HCFs twice in a year and CBWTs on quarterly basis	Out of total 113 HCFs, ETPs in 10 HCFs have installed and PPCB has been directed to get install ETPs from the remaining HCFs by 31.12.2022.

✓ **Hazardous waste management**

Sr. No	Name of District	Hazardous waste management activities		
		Regulation of industries and facilities generating hazardous waste	Training of workers involved in handling/recycling/disposal of hazardous waste	Linkage of industries with common TSDF
1.	Patiala (09 MCs)	All 119 identified hazardous waste generating industries have obtained authorization under HWM Rules, 2016	Regular trainings to the workers are imparted by the common hazardous waste disposal facility	All the industries generating hazardous waste have access to common hazardous waste disposal facility.



Sr. No	Name of District	Hazardous waste management activities		
		Regulation of industries and facilities generating hazardous waste	Training of workers involved in handling/recycling/disposal of hazardous waste	Linkage of industries with common TSDF
2.	Fatehgarh Sahib (05 MCs)	336 hazardous waste generating units, out of total 349 identified units, have obtained authorization under HWM Rules, 2016	Regular training to the workers are imparted by the common hazardous waste disposal facility	All the industries generating hazardous waste have access to common hazardous waste disposal facility.
3. & 4.	Sangrur & Malerkotla (13 MCs)	All 84 identified hazardous waste generating industries have obtained authorization under HWM Rules, 2016	Regular training to the workers are imparted by the common hazardous waste disposal facility	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
5.	SBS Nagar (4 MCs)	All 28 identified hazardous waste generating industries have obtained authorization under HWM Rules, 2016	The workers are imparted training from time to time for management and handling of hazardous waste	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
6.	Mansa (07 MCs)	All 24 identified hazardous waste generating industries have obtained authorization under HWM Rules, 2016	Regular training to the workers are imparted by the common hazardous waste disposal facility	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
7.	Rupnagar (6 MCs)	Out of total 31 hazardous waste generating industries, 18 industries have obtained authorization under HWM Rules, 2016	Regular training to the workers are imparted by the common hazardous waste disposal facility	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
8.	Gurdaspur (08 MCs)	Out of total 11 hazardous waste generating industries, 9 industries have obtained authorization under HWM Rules, 2016	Regular training to the workers are imparted by the common hazardous waste disposal facility	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
9.	Pathankot (03 MCs)	Out of total 14 hazardous waste generating industries, 10 industries have obtained authorization under HWM Rules, 2016	Regular training to the workers are imparted by the common hazardous waste disposal facility	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
10.	Fazilka (04 MCs)	The hazardous waste generating industries have been identified and inventorized.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
11.	Sri Muktsar Sahib (04 MCs)	All the 10 hazardous waste generating industries have been authorized under HWM Rules, 2016 by PPCB.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
12.	Hoshiarpur	All the 54 hazardous waste	Regular training to the workers are	All the hazardous waste generating



Sr. No	Name of District	Hazardous waste management activities		
		Regulation of industries and facilities generating hazardous waste	Training of workers involved in handling/recycling/disposal of hazardous waste	Linkage of industries with common TSDF
	(10 MCs)	generating industries have been authorized under HWM Rules, 2016 by PPCB.	imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
13.	Kapurthala (07 MCs)	All the 58 hazardous waste generating industries have been authorized under HWM Rules, 2016 by PPCB.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
14	SAS Nagar (07 MCs)	All the 209 hazardous waste generating industries have been authorized under HWM Rules, 2016 by PPCB.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
15.	Moga (07 MCs)	All the 26 hazardous waste generating industries have been authorized under HWM Rules, 2016 by PPCB.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
16	Faridkot (03 MCs)	All the 11 hazardous waste generating industries have been authorized under HWM Rules, 2016 by PPCB.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
17.	Ferozepur (08 MCs)	All the 04 hazardous waste generating industries have been authorized under HWM Rules, 2016 by PPCB.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
18.	Jalandhar (13 MCs)	All the 600 hazardous waste generating industries have been authorized under HWM Rules, 2016 by PPCB.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
19.	Ludhiana	Out of total 1487 hazardous waste	Regular training to the workers are	All the hazardous waste generating



Sr. No	Name of District	Hazardous waste management activities		
		Regulation of industries and facilities generating hazardous waste	Training of workers involved in handling/recycling/disposal of hazardous waste	Linkage of industries with common TSDF
	(11 MCs)	generating industries, 993 industries have been authorized under HWM Rules, 2016 by PPCB and applications of remaining industries may be processed by 31.12.2022.	imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
20.	Barnala (05 MCs)	All the 15 hazardous waste generating industries have been authorized under HWM Rules, 2016 by PPCB.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
21.	Bathinda (17 MCs)	Out of total 38 Hazardous waste generating industries, 35 industries have obtained authorization under HWM Rules, 2016 by PPCB and remaining industries shall be pursued by PPCB to apply for authorization under said rules by 30.09.2022	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
22.	Amritsar (07 MCs)	All the 119 hazardous waste generated industries have made agreement with common hazardous waste treatment facility and have obtained authorization under HWM Rules, 2016.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.
23.	Tarn Taran (04 MCs)	All the 12 hazardous waste generated industries have made agreement with common hazardous waste treatment facility and have obtained authorization under HWM Rules, 2016.	Regular training to the workers are imparted by the common hazardous waste disposal facility. Record mentioning the number of trainings imparted to the workers during the last 06 months may be submitted to Punjab Pollution Control Board.	All the hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste.

✓ **E-waste management**

Sr. No	Name of District	E-waste management activities			
		Inventory/generation of E-waste/bulk waste generator	E-waste collection points	Linkage among stakeholder to channelize E-waste	Regulation of illegal E-waste recycling/dismantling
1.	Patiala (09 MCs)	Inventory has not been completed by MCs	No E-waste collection points have been provided by MCs	No linkage among stakeholders to channelize E-waste has been made	Illegal E-waste recycling/dismantling facilities have not been identified by MCs
2.	Fatehgarh Sahib (05 MCs)	Inventory has not completed by any MC.	E-waste collection points within MC area have not been provided by any MC.	No action has been taken by any MC.	No action has been taken by any MC.
3.	Sangrur & Malerkotla	Inventory has not been completed by any MC.	E-waste collection points within MC area	No action has been taken by any MC.	No action has been taken by any MC.



Sr. No	Name of District	E-waste management activities			
		Inventory/generation of E-waste/bulk waste generator	E-waste collection points	Linkage among stakeholder to channelize E-waste	Regulation of illegal E-waste recycling/dismantling
4.	(13 MCs)		have not been provided by any MC.		
5.	SBS Nagar (4 MCs)	Inventory has not been completed by any MC.	E-waste collection points have been provided at MRFs site but not within MC area	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
6.	Mansa (07 MCs)	Inventory has not been completed by any MC.	E-waste collection points are available at MRFs sites of MCs but these e-waste collection points may be provided within MC area of each MC for the facilitation of the public	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
7.	Rupnagar (06 MCs)	Inventory has not been completed by any MC.	No dedicated e-waste collection points have been provided within MC area by any MC.	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
8.	Gurdaspur (08 MCs)	Inventory has not been completed by any MC.	No dedicated e-waste collection points have been provided within MC area by any MC.	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
9.	Pathankot (03 MCs)	Inventory has not been completed by any MC.	No dedicated e-waste collection points have been provided within MC area by any MC.	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
10.	Fazilka (04 MCs)	Inventory of E-waste / bulk waste generators is under preparation and same was assured to be completed by all MCs by 30.6.2022.	No dedicated e-waste collection points have been provided within MC area by any MC.	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
11.	Sri Muktsar Sahib (04 MCs)	Inventory has been completed by all MCs.	No dedicated e-waste collection points have been provided within MC area by any MC.	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
12.	Hoshiarpur (10 MCs)	Inventory has been of E-waste / bulk waste generators is under preparation and same was assured to be completed by all MCs by 30.9.2022.	E-waste collection points have been provided but for the facility of the public, these E-waste collection points may be provided within MC area by all MCs.	No linkage among stakeholders to channelize E-waste has been made by any MC..	No action has been taken by any MC.
13.	Kapurthala (07 MCs)	Inventory of E-waste generators has been completed by all MCs.	No dedicated E-waste collection points have been provided within	No linkage among stakeholders to channelize E-waste has been made by	No action has been taken by any MC.



Sr. No	Name of District	E-waste management activities			
		Inventory/generation of E-waste/bulk waste generator	E-waste collection points	Linkage among stakeholder to channelize E-waste	Regulation of illegal E-waste recycling/dismantling
			MC area of any MC.	any MC.	
14	SAS Nagar (08 MCs)	PPCB informed that 1060 E-waste generators have been identified, out of which 116 E-waste generators have been inventorized and the remaining identified E-waste generator shall be inventorized by 31.08.2022.	E-waste collection points have been earmarked. The Monitoring Committee directed that E-waste collection points may be earmarked / provided within MC area of all MCs.	No linkage among stakeholders to channelize E-waste has been made by any MC..	No action has been taken by any MC.
15.	Moga (07 MCs)	Inventory of E-waste generators is under preparation and shall be completed by 30.9.2022.	No dedicated e-waste collection points have been provided within MC area by any MC..	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
16	Faridkot (03 MCs)	Inventory of E-waste generators is under preparation and shall be completed by 30.9.2022.	No dedicated E-waste collection points have been provided within MC area by any MC.	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
17.	Ferozepur (08 MCs)	PPCB informed that Department is in process of identification of E-waste generators and identification process shall be completed by 30.09.2022.	MCs informed that E-waste collection points shall be earmarked / provided within MC area by 30.09.2022.	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
18.	Jalandhar (13 MCs)	Inventory of E-waste generators has been completed by all MCs.	No dedicated E-waste collection points have been provided within MC area by any MC.	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
19.	Ludhiana (11 MCs)	Inventorization process of E-waste generators in the district has been started and the same shall be completed by 30.09.2022	No dedicated E-waste collection points have been provided within MC area by any MC.	No linkage among stakeholders to channelize E-waste has been made by any MC.	No action has been taken by any MC.
20	Barnala (05 MCs)	Inventory of E-waste generators is under preparation and shall be completed by 31.12.2022.	No dedicated E-waste collection points have been provided within MC area by any MC.	No linkage among stakeholders to channelize E-waste has been by any MC..	No action has been taken by any MC.
21.	Bathinda (17 MCs)	Preparation of Inventory of E-waste generators is under process and the same shall be completed by 30.09.2022.	All MCs have been directed to establish E-waste collection points within MC area by 30.10.2022.	For Channelization of E-waste, stakeholder/ MCs shall identify E-waste recyclers/ dismantlers by 30.09.2022. Necessary agreement with the agency may be made by	No action has been taken by any MC.



Sr. No	Name of District	E-waste management activities			
		Inventory/generation of E-waste/bulk waste generator	E-waste collection points	Linkage among stakeholder to channelize E-waste	Regulation of illegal E-waste recycling/dismantling
				all MCs/ stake holder by 31.10.2022 and e-waste may be started sending to authorized agency by 30.11.2022.	
22.	Amritsar (07 MCs)	Inventory of E-waste generators has been completed by all MCs.	All MCs have been directed to establish E-waste collection points within MC area by 31.12.2022.	For channelization of E-waste, stake holders/ MCs shall identify e-waste recyclers/ dismantlers by 30.09.2022. Necessary agreement with the agency may be made by all MCs/ stake holders by 31.10.2022 and E-waste may be started sending to authorized agency by 30.11.2022.	No action has been taken by any MC.
23.	Tarn Taran (04 MCs)	Inventory of E-waste generators has been completed by all MCs.	All MCs have been directed to establish E-waste collection points within MC area by 31.12.2022.	For Channelization of E-waste, stake holders/ MCs shall identify e-waste recyclers/ dismantlers by 30.09.2022. Necessary agreement with the agency may be made by all MCs/ stake holders by 31.10.2022 and E-waste may be started sending to authorized agency by 30.11.2022.	No action has been taken by any MC.

✓ **Air quality management**

Sr. No	Name of District	Air quality management activities				
		Identification of prominent pollution sources	Ambient Air quality data	Setting up of continuous ambient air quality stations	District level Action Plan for air pollution	Awareness on air quality
1.	Patiala (09 MCs)	All major sources of air pollution have been identified.	Ambient air quality is monitored and data is available on Punjab Pollution Control Board website	01 continuous ambient air quality monitoring station has been established.	Action Plan has been prepared.	Air quality data is available in public domain at Punjab Pollution Control Board website
2.	Fatehgarh Sahib (05 MCs)	All major sources of air pollution have been identified.	Ambient air quality is monitored and data is available on Punjab Pollution Control Board website	01 continuous ambient air quality monitoring station has been established. Data is available on PPCB/ CPCB website.	Action Plan has been prepared.	Air quality data is available in public domain at Punjab Pollution Control Board website
3.	Sangrur &	All major sources of air	Ambient air quality is	No continuous ambient air	No District Level	Air quality data



Sr. No	Name of District	Air quality management activities				
		Identification of prominent pollution sources	Ambient Air quality data	Setting up of continuous ambient air quality stations	District level Action Plan for air pollution	Awareness on air quality
& 4.	Malerkotla (13 MCs)	pollution have been identified.	monitored and data is available on Punjab Pollution Control Board website	quality monitoring station has been set up in District Sangrur	Action Plan has been prepared.	is available in public domain at Punjab Pollution Control Board website.
5.	SBS Nagar (4 MCs)	All major sources of air pollution have been identified.	Ambient air quality is monitored and data is available on Punjab Pollution Control Board website	No continuous ambient air quality monitoring station has been set up in District SBS Nagar	No District Level Action Plan has been prepared.	Awareness is being created from time to time and air quality monitoring data is uploaded on Punjab Pollution Control Board website.
6.	Mansa (07 MCs)	All major sources of air pollution have been identified.	Ambient air quality is monitored and data is available on Punjab Pollution Control Board website	No continuous ambient air quality monitoring station has been set up in the District	No District Level Action Plan has been prepared.	The air quality data is uploaded on Punjab Pollution Control Board website.
7.	Rupnagar (06 MCs)	All major sources of air pollution have been identified.	Ambient air quality is monitored and data is available on Punjab Pollution Control Board website	01 continuous ambient air quality monitoring station has been installed.	District level action plan for air pollution has been prepared.	Ambient air quality monitoring data has been uploaded on Punjab Pollution Control Board web site.
8.	Gurdaspur (08 MCs)	All major sources of air pollution have been identified.	05 ambient air quality monitoring stations have been set up and the data is available on website of Punjab Pollution Control Board	No continuous ambient air quality monitoring station has been set up in the district.	District level action plan for air pollution has been prepared.	Ambient air quality monitoring data is available in public domain for awareness to the public and the data is also available on Punjab Pollution Control Board web site.
9.	Pathankot (03 MCs)	All major sources of air pollution have been identified.	01 ambient air quality monitoring station has been set up and the data is available on website of Punjab Pollution Control Board	No continuous ambient air quality monitoring stations has been set up in the district.	No District Level Action Plan has been prepared.	Ambient air quality monitoring data has been uploaded on Punjab Pollution Control Board web site.
10.	Fazilka	All major sources of air	01 ambient air quality	No continuous ambient air	No District Level	The data is



Sr. No	Name of District	Air quality management activities				
		Identification of prominent pollution sources	Ambient Air quality data	Setting up of continuous ambient air quality stations	District level Action Plan for pollution	Awareness on air quality
	(04 MCs)	pollution have been identified.	monitoring station has been set up in the District and the data is available on website of Punjab Pollution Control Board.	quality monitoring station has been set up in the district.	Action Plan has been prepared.	available in public domain for awareness for the public. Web link of the same has been mentioned in District Environment Plan.
11.	Sri Muktsar Sahib (04 MCs)	All major sources of air pollution have been identified.	01 ambient air quality monitoring station has been set up in the District and the data is available on website of Punjab Pollution Control Board.	No continuous ambient air quality monitoring station has been set up in the district.	No District Level Action Plan has been prepared.	PPCB has been directed that ambient air quality data ascertained from 01 ambient air quality monitoring station may be made available on PPCB website for the awareness of the public.
12.	Hoshiarpur (10 MCs)	All major sources of air pollution have been identified.	01 ambient air quality monitoring station has been set up in the District and the data is available on website of Punjab Pollution Control Board.	No continuous ambient air quality monitoring station has been set up in the district.	No District Level Action Plan has been prepared.	PPCB has been directed that ambient air quality data ascertained from 01 ambient air quality monitoring station may be made available on PPCB website for the awareness of the public.
13.	Kapurthala (07 MCs)	All major sources of air pollution have been identified.	Presently, no ambient air quality monitoring station has been setup in the District. Two manual ambient air monitoring stations have been proposed to be provided by 30.06.2022.	No continuous ambient air quality monitoring station has been set up in the district.	No District Level Action Plan has been prepared.	No ambient air quality monitoring station has been set up in the District.
14.	SAS Nagar	All major sources of air	03 manual ambient	01 CAAQMS shall be set up	Action Plan for	PPCB has been



Sr. No	Name of District	Air quality management activities				
		Identification of prominent pollution sources	Ambient Air quality data	Setting up of continuous ambient air quality stations	District level Action Plan for pollution	Awareness on air quality
	(08 MCs)	pollution have been identified.	air quality monitoring stations have been installed in District Mohali.	in Derabassi area by 31.12.2022.	control of Air pollution has been prepared for Derabassi area.	directed to upload Ambient air quality data on PPCB website and the same may also be displayed on prominent places of the District.
15.	Moga (07 MCs)	All major sources of air pollution have been identified.	Presently, no ambient air quality monitoring station has been set up in the District and there is proposal to install 01 manual ambient air quality monitoring station by 30.06.2022.	No continuous ambient air quality monitoring station has been proposed to be set up.	No District Level Action Plan has been prepared.	No ambient air quality monitoring station has been set up in the District.
16.	Faridkot (03 MCs)	All major sources of air pollution have been identified.	01 manual ambient air quality monitoring station has been set up and one more manual ambient air quality monitoring station shall be set up by 30.06.2022.	There is no proposal to install continuous ambient air quality monitoring station in the district.	No District Level Action Plan has been prepared.	Ambient air quality data is available in PPCB website and weblink of the same is available.
17.	Ferozepur (08 MCs)	All major sources of air pollution have been identified.	02 manual ambient air quality monitoring stations have been set up.	There is no proposal to install continuous ambient air quality monitoring station in the district.	No District Level Action Plan has been prepared.	Ambient air quality data is available in PPCB website and weblink of the same is available.
18.	Jalandhar (13 MCs)	All major sources of air pollution have been identified.	PPCB informed that 04 manual and 01 continuous ambient air quality monitoring stations have been installed in District Jalandhar and the same are in operation and ambient air quality data is available on PPCB website.	PPCB informed that 04 manual and 01 continuous ambient air quality monitoring stations have been installed in District Jalandhar and the same are in operation and ambient air quality data is available on PPCB website.	Action Plan for Jalandhar has been already prepared and has been submitted to CPCB.	Ambient air quality data is available in PPCB website and web link of the same is available.
19.	Ludhiana (11 MCs)	All major sources of air pollution have been identified.	10 manual and 02 continuous ambient air quality monitoring	02 continuous ambient air quality monitoring stations have been set up in	Action Plan for Ludhiana already	Ambient air quality data is available in



Sr. No	Name of District	Air quality management activities				
		Identification of prominent pollution sources	Ambient Air quality data	Setting up of continuous ambient air quality stations	District Action Plan for pollution	Awareness on air quality
			stations have been installed in District Ludhiana and ambient air quality data is available on PPCB website.	Ludhiana and there is no proposal to setup additional CAAQMS.	prepared and submitted to CPCB.	PPCB website and web link of the same is available in PPCB website. PPCB may also install display board mentioning the ambient monitoring data at prominent places of Ludhiana.
20	Barnala (05 MCs)	All major sources of air pollution have been identified.	02 manual ambient air quality monitoring stations have been installed in District Barnala and ambient air quality data is available on PPCB website.	There is no proposal to install continuous ambient air quality monitoring station in the district..	No District Level Action Plan has been prepared.	Ambient air quality data is available in PPCB website and weblink of the same is available.
21.	Bathinda (17 MCs)	All major sources of air pollution have been identified.	01 manual ambient air quality monitoring station has been installed in District Bathinda. The data is available on website of PPCB and web link of the same is available.	There is no proposal to install continuous ambient air quality monitoring station in the district.	No District Level Action Plan has been prepared.	Ambient air quality data is available in PPCB website and web link of the same is available.
22.	Amritsar (07 MCs)	All major sources of air pollution have been identified.	04 manual and 01 continuous ambient air quality monitoring stations have been installed in District Amritsar and ambient air quality data is available on PPCB website.	01 continuous ambient air quality monitoring station has been setup in Amritsar and there is no proposal to setup additional CAAQMS in the district.	Action Plan for Amritsar already prepared and submitted to CPCB.	Ambient air quality data is available in PPCB website and weblink of the same is available.
23.	Tarn Taran (04 MCs)	All major sources of air pollution have been identified.	No ambient air quality monitoring station has been set up in the district.	There is no proposal to install continuous ambient air quality monitoring station in the district.	Action Plan for the district has not been prepared as District Tarn Taran is not covered under non attainment cities/towns.	No ambient air quality data is available.



✓ **Water quality management**

Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
1.	Patiala (09 MCs)	Inventory has been prepared by Dept. of Irrigation	Punjab Pollution Control Board is monitoring the quality of water bodies and data is available on website.	Awareness is being created in the public to stop dumping of solid waste in rivers	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	STPs in Patiala, Rajpura, Samana and Patran have been completed and are in operation. STPs in Nabha, Sanaour, Bhadson, Ghagga, Ghanour and MES Nabha have not been installed.	No sewerage system in Bhadson and Sanaour exists. In other 07 MCs, sewerage system between 35-95% has been provided.	No in-situ remediation technology has been set up in any drain/Nallah.
2.	Fatehgarh Sahib (05 MCs)	Inventory has been prepared by Dept. of Irrigation. Data is available on website of the department.	Punjab Pollution Control Board is monitoring the quality of water bodies and data is available on website.	Awareness is being created in the public to stop dumping of solid waste in rivers	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the</li> </ul>	STP for Mandi Gobindgarh town has been installed and is in operation. STPs for the remaining towns Bassi Pathana, Sirhind and Amloh are yet to be	Sewerage network in the range of 80-95% has been completed in the towns Fatehgarh Sahib, Amloh, Sirhind, Bassi Pathana and Khamanon.	No in-situ remediation technology has been set up in any drain/Nallah.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					departments. • MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard. • MCs may utilize large roof area of Govt. building/ institutions for rain water harvesting system.	constructed		
3. & 4.	Sangrur & Malerkotla (13 MCs)	Inventory has been prepared by Dept. of Irrigation. Data is available on website of the department.	Monitoring of the drains/ rivers is carried out by Punjab Pollution Control Board and data is available on website of Punjab Pollution Control Board and Dept. of Irrigation.	Awareness is created in public to stop the dumping of solid waste in drains/nallahs. Checking along the drains/ nallahs is carried out by concerned departments	• Action Plan for rain water harvesting has already been prepared by CGWA. • Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments. • MCs have been directed to get provide rain water	STPs for the towns Sunam, Lehra Gagga, Moonak, Khanauri, Bhawanigarh have been completed. STPs for the remaining towns of the District have been proposed to be set up by 31.12.2022/ 31.3.2023	Sewerage system in the towns has been completed in the range of 30-95%. Completion date of sewerage system for these towns has been mentioned as 31.12.2022.	No in-situ remediation technology has been set up in any drain/Nallah.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					<p>harvesting system in all houses having an area of more than 250 sq.yard.</p> <ul style="list-style-type: none"> <li>• MCs may utilize large roof area of Govt. buildings/ institutions in for rain water harvesting system.</li> </ul>			
5.	SBS Nagar (4 MCs)	Inventory has been prepared by Dept. of Irrigation. Data is available on website of the department.	Monitoring of the drains/ rivers is being carried out by Punjab Pollution Control Board and data is available on website of Punjab Pollution Control Board and Dept. of Irrigation.	Awareness is created in public to stop the dumping of solid waste in drains/Nallahs. Checking along the drains/ Nallahs is carried out by concerned departments	<ul style="list-style-type: none"> <li>• Action Plan for rain water harvesting has already been prepared by CGWA.</li> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250</li> </ul>	MCs Nawanshahar and Banga have installed STPs. MC Rahon and Balachaur have not provided STPs and completion date of the same was mentioned as 30.6.2023	Sewerage network in the range of 40-70% has been provided in all MCs.	No in-situ remediation technology has been set up in any drain/Nallah.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					sq.yard. • MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.			
6.	Mansa (07 MCs)	Inventory has been prepared by Dept. of Irrigation. Data is being available on website of the department.	Monitoring of the drains/ rivers is carried out by Punjab Pollution Control Board and data is available on website of Punjab Pollution Control Board and Dept. of Irrigation.	Awareness is created in public to stop the dumping of solid waste in drains/nallahs. Checking along the drains/ nallahs is carried out by concerned departments	<ul style="list-style-type: none"> <li>• Action Plan for rain water harvesting has already been prepared by CGWA.</li> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/</li> </ul>	STPs for all the towns have been installed except MC Boha and Joga, where the work of STPs has not been started.	Sewerage network has been completed in the range of 84-95% by all the MCs.	No in-situ remediation technology has been set up in any drain/Nallah.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					institutions for rain water harvesting system.			
7.	Ropar (06 MCs)	Inventory of water body has not been prepared by Dept. of Irrigation and Rural Development of Panchayats.	Monitoring of the drains/ rivers is being carried out by Punjab Pollution Control Board and data is available on website of Punjab Pollution Control Board and Dept. of Irrigation.	Awareness is created in public to stop the dumping of solid waste in drains/Nallahs. Checking along the drains/ Nallahs is carried out by concerned departments	<ul style="list-style-type: none"> <li>• Action Plan for rain water harvesting has already been prepared by CGWA.</li> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	Existing capacity of STPs in the district is 49.4 MLD. New STP of capacity 02 MLD has been proposed for Kiratpur Sahib and it was to be started by 31.7.2022 and now it has been assured to complete the same by 31.12.2022.	Sewerage network in Kiratpur Sahib area shall be completed by 30.9.2023.	No in-situ remediation technology has been set up in any drain/Nallah.
8.	Gurdaspur	Inventory of	Monitoring of	Awareness is	• Compliance	Only 02 STPs of	Sewerage	No in-situ



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
	(08 MCs)	water body has been prepared by Dept. of Irrigation and Rural Development & Panchayats	the drains, rivers is being carried out and water quality data is available on PPCB website.	carried out in the public to stop dumping of solid waste in river/drains.	of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments. • MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard. • MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.	capacity 2.5. MLD for Shri Hargobindpur and Dera Baba Nanak have been provided. No work has been started for STPs of remaining 06 towns	system in the range of 50-80% has been laid in 05 towns. No sewerage network has been in Qadian town. Sewerage network has already been laid in Shri Hargobindpur and Dera Baba Nanak.	remediation technology has been set up in any drain/Nallah.
9.	Pathankot (03 MCs)	Inventory of water body has been prepared by Dept. of Irrigation and Rural Development & Panchayats and same is available on public domain	Monitoring of the drains, rivers is being monitored and water quality data is available on PPCB website.	Awareness is carried out in the public to stop dumping of solid waste in river/drains.	• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments. • MCs have been	01 STP of capacity 27 MLD installed for Pathankot. STP of Addition capacity of 1.2 MLD for Pathankot and new STP of capacity 5.5 MLD for Sujampur area under construction and likely to be	Sewerage system in most of the area of Pathankot has been laid, whereas for Sujampur town, sewerage system has not laid.	No in-situ remediation technology has been set up in any drain/Nallah.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					<p>directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</p> <ul style="list-style-type: none"> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	completed by 31.12.2023.		
10.	Fazilka (04 MCs)	Inventory has been prepared and the same is available on public domain.	Monitoring of the drains, rivers is being carried out and water quality data is uploaded on PPCB website.	Awareness is carried out in the public to stop dumping of solid waste in river/drain.	<ul style="list-style-type: none"> <li>• In the District Environment Plan, it has been mentioned that Action Plan for rain water harvesting has been prepared by CGWA.</li> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to</li> </ul>	13 MLD capacity STP of Fazilka town committed to be completed by 31.3.2022 and upgradation work of existing STP of capacity 8 MLD of Jalalabad town was to be completed by 15.7.2022 and new STP of capacity 07 MLD for Jalalabad town was to be completed by 30.6.2023. STP for Arniwala town shall be completed by 31.3.2023.	100% sewerage network for all the towns was to be completed by 30.6.2022, whereas, for Arniwala town 100% sewerage network shall be laid by 31.3.2023	Insitu bio remediation technology (interim measure) based on pond system has been set up.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					<p>get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</p> <ul style="list-style-type: none"> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>			
11.	Sri Muktsar Sahib (04 MCs)	Inventory has been prepared and the same is available on public domain.	Monitoring of the drains, rivers is being monitored and water quality data is uploaded on PPCB website.	Awareness is carried out in the public to stop the dumping of solid waste in river/drain.	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/</li> </ul>	03 STPs of capacity 8.7 MLD, 5.7 MLD and 3.5 MLD of Sri Muktsar Sahib are lying defunct and shall be upgraded / modified by 31.12.2022 and additional STP of adequate capacity for remaining quantity of sewage of the towns may be set up by 31.12.2022. New STP of capacity 07 MLD for Malout town shall be completed 31.12.2022. STP for Bariwala town shall be completed	Sewerage network has not completed in the towns. 100% sewerage network for the towns shall be completed by 31.12.2022.	Insitu bio remediation technology has been installed in Sarainaga drain.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					institutions for rain water harvesting system.	31.12.2022.		
12.	Hoshiarpur (10 MCs)	Inventory has been prepared and the same is available on public domain.	Monitoring of the drains/rivers is being monitored and water quality data is available on PPCB website.	Awareness is carried out in the public to stop the dumping of solid waste in river/drains.	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	STPs in 05 towns have been installed and STPs in the remaining 05 towns shall be installed by 31.03.2023.	Sewerage network in the range of 10-95 % completed in all the MCs. The remaining work of sewerage network shall be completed by 31.03.2023 /31.12.2023.	No in-situ remediation technology has been set up in any drain/Nallah.
13.	Kapurthala (07 MCs)	Inventory of water bodies is under preparation by Department of Irrigation and Department	Monitoring of the drains, rivers is being carried out and water quality data is available on PPCB website.	Action Plan for clean river Beas has been prepared by PPCB and regular meetings of the same are being carried	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman</li> </ul>	STPs in 05 towns have been completed and all are in operation. STPs for remaining 02 MCs and other colonies have been	Sewerage network in the range of 10-40 % has been completed in all MCs. The remaining work of	No in-situ remediation technology has been set up in any drain/Nallah.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
		of Rural Development and Panchayat. The same was committed to be completed by 31.07.2022.		out on monthly basis.	<p>Singh Vs UOI may be made by the departments.</p> <ul style="list-style-type: none"> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	proposed to be completed by 31.03.2023/ 31.12.2023.	sewerage system shall be installed by 31.12.2023.	
14	SAS Nagar (08 MCs)	Inventory of water bodies is under preparation and same shall be completed by 31.07.2022.	Monitoring of the drains, rivers is being carried out and water quality data is uploaded on PPCB website.	Awareness is carried out in the public to stop dumping of solid waste in river/drain.	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more</li> </ul>	STPs in 07 towns have been completed and all are in operation. Additional STPs in these towns, GMADA and Naya Gaon shall be provided by 31.03.2023/ 31.12.2023.	Sewerage network in the range of 62-100 % has been completed in 07 towns and the remaining work shall be completed by 31.03.2023.	No in-situ remediation technology has been set up in any drain/Nallah.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					<p>than 250 sq.yard.</p> <ul style="list-style-type: none"> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>			
15.	Moga (07 MCs)	Inventory of water bodies is under preparation and same shall be completed by 30.9.2022.	Monitoring of the drains, rivers is being carried out and water quality data is uploaded on PPCB website.	Awareness is carried out in the public to stop dumping of solid waste in river/drains.	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	STPs in 02 towns have been completed. For installation of STPs for the remaining 05 towns, Deputy Commissioner, Moga has been asked to take up the matter with State Govt. for release of funds. In the remaining 05 towns, STPs shall be completed by 31.03.2023.	MCs Moga, Dharamkot and Baghapuran have completed sewerage network in the range of 80-90 %. There is no sewerage facility in remaining 04 towns. It has been directed to provide sewerage network in all the towns by 31.03.2023.	No in-situ remediation technology has been set up in any drain/Nallah.
16.	Faridkot (03 MCs)	Inventory of water bodies	Monitoring of the drains,	Awareness is carried out in	<ul style="list-style-type: none"> <li>• Compliance of order</li> </ul>	STPs for 02 towns (Jaitu)	Sewerage network in the	Not provided by any MC



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
		is under preparation and same shall be completed by 31.8.2022.	rivers is being carried out and water quality data is uploaded on PPCB website.	the public to stop dumping of solid waste in river/drains.	dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments. <ul style="list-style-type: none"> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	and Kotkapura: 8MLD & 6MLD respectively) have been completed and are in operation. STP for 01 town (Faridkot) is under construction and the same shall be completed by 31.12.2022.	towns namely Faridkot, Kotkapura and Jaitu has been completed in the range of 80-100%. Sewerage network for all the towns may be completed (100%) in a time bound manner.	
17.	Ferozepur (08 MCs)	Inventory of water bodies is under preparation and same shall be completed by 30.9.2022.	Monitoring of the drains, rivers is being carried out and water quality data is uploaded on PPCB website.	Awareness is carried out in the public to stop dumping of solid waste in river/drains.	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to</li> </ul>	STPs for 04 towns have been completed and are in operation. STPs for the remaining 04 towns have not been installed and these are likely to be completed by 31.12.2023 for which Deputy Commissioner, Ferozepur has	100% sewerage network has been laid for 05 towns. No sewerage system has been laid in 03 towns. Deputy Commissioner, Ferozepur has been asked to take up the matter with State Govt.	Insitu remediation technology has been set up in 03 MCs (Mudki, Mallanwala Khas and Mamdot).



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					<p>get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</p> <ul style="list-style-type: none"> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	<p>been asked to take up the matter with State Govt. for release of funds for installation of STPs and laying of sewerage network.</p>	<p>for release of funds for installation of STPs and laying of sewerage network.</p>	
18.	Jalandhar (13 MCs)	Inventory of water bodies is under preparation and same shall be completed by 31.8.2022.	Monitoring of the drains, river is being carried out and water quality data is available on PPCB website.	Action Plan for clean river Sutlej has already been prepared by PPCB and regular monitoring of the same is being done on monthly basis.	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/</li> </ul>	<p>16 STPs of total capacity 261.6 MLD have been installed in District Jalandhar and the proposed new STPs / up-gradation of existing STPs of capacity 196.5 MLD shall be completed by 31.03.2023.</p>	<p>100% sewerage network has been laid in 04 MCs and Cantonment Board Jalandhar. No sewerage network has been laid in 05 towns. 50-90% sewerage network has been laid in 02 MCs. All the MCs, which have not provided 100% sewerage network, shall complete the same by 31.03.2023.</p>	<p>No in-situ remediation technology has been set up in any drain/Nallah.</p>



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					institutions for rain water harvesting system.			
19.	Ludhiana (11 MCs)	Department of Irrigation and Department of Rural Development & Panchayat are in the process of preparation of inventory of water bodies and the same shall be complete by 31.12.2022.	Monitoring of the drains, river is being carried out and water quality data is available on PPCB website.	Awareness is being carried out in the public to stop dumping of solid waste in river/ Nallah.	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	04 STPs of capacity 418 MLD in Ludhiana and STPs in 08 MCs have been setup. 2 STPs of capacity 285 MLD in Ludhiana and 2 STPs in 02 MCs are under construction. These STPs shall be completed by 31.12.2022/ 31.03.2023. ETPs for dairy complex Tajpur Road and Haibowal of capacity 2.25 MLD and 3.75 MLD, repectively, shall be installed by 30.06.2023.	35-100% sewerage network has been laid in all the 11 MCs and 100% sewerage network in all the towns shall be completed 31.12.2022/ 31.03.2023.	No in-situ remediation technology has been set up in any drain/Nallah.
20.	Barnala (05 MCs)	Inventory of water bodies has been completed.	Monitoring of the drains, river is being carried out and water quality data is available on PPCB website.	Awareness is carried out in the public to stop dumping of solid waste in river/drain.	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman</li> </ul>	01 STP completed and 04 STPs for 04 towns are under progress and shall be completed by 31.03.2024.	60-90% sewerage network has been laid in all the 05 MCs. 100% sewerage network shall be completed	No in-situ remediation technology has been set up in any drain/Nallah.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					<p>Singh Vs UOI may be made by the departments.</p> <ul style="list-style-type: none"> <li>MC have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>		by 31.03.2023.	
21.	Bathinda (17 MCs)	Department of Irrigation and Department of Rural Development & Panchayat are in the process of preparation of inventory of water bodies and the same shall be completed by 31.10.2022.	Monitoring of the drains, river is being carried out and water quality data is available on PPCB website.	Awareness is carried out in the public to stop dumping of solid waste in river/drains.	<ul style="list-style-type: none"> <li>Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>MCs have been directed to get provide rain water harvesting system in all houses having an area of more</li> </ul>	STPs in 08 MCs have been completed and are in operation. STPs in remaining 09 MCs have not been installed and the same shall be completed by 31.12.2023.	In 01 MC Mehraj, 100%, sewerage network has been laid. No sewerage system laid in 06 MCs. 85-95% of sewerage network completed in 10 MCs. 100% sewerage network in all remaining 07 MCs shall be completed by 31.12.2023.	No in-situ remediation technology has been set up in any drain/Nallah.



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
					<p>than 250 sq.yard.</p> <ul style="list-style-type: none"> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>			
22.	Amritsar (07 MCs)	Department of Irrigation and Department of Rural Development & Panchayat are in the process of preparation of inventory of water bodies and the same shall be completed by 31.10.2022.	Quality of water body existing in the district is monitored and the data is available on website of PPCB and CPCB.	Awareness is carried out in the public to stop dumping of solid waste in river/drains.	<ul style="list-style-type: none"> <li>• Compliance of order dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments.</li> <li>• MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq.yard.</li> <li>• MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.</li> </ul>	Out of total 07 Municipal Councils in the district, 03 STPs of capacity 217.5 MLD have been provided by Municipal Corporation, Amritsar and STPs in the remaining 06 MCs shall be installed by 31.12.2023.	In 01 MC Amritsar 100%, sewerage network has been laid. Sewerage network in the remaining 06 MCs has been constructed in the range of 80-95% and sewerage network shall be completed by 30.6.2023.	No in-situ remediation technology has been set up in any drain/Nallah.
23.	Tarn Taran	Department of Irrigation	Quality of water body	Awareness is carried out in	<ul style="list-style-type: none"> <li>• Compliance of order</li> </ul>	STPs in 01 town installed but not	Sewerage network in	No in-situ remediation



Sr. No	Name of District	Water quality management activities						
		Inventory of water bodies	Quality of water bodies in the District	Protection of river	Rejuvenation of ground water	STP status	Status of sewerage system	Status of insitu bio remediation technology
	(04 MCs)	and Department of Rural Development & Panchayat are in the process of preparation of inventory of water bodies and the same shall be completed by 31.10.2022.	existing in the district is monitored and the data is available on website of PPCB and CPCB.	the public to stop dumping of solid waste in river/drain.	dated 1.6.2022 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Vs UOI may be made by the departments. • MCs have been directed to get provide rain water harvesting system in all houses having an area of more than 250 sq. yard. • MCs may utilize large roof area of Govt. buildings/ institutions for rain water harvesting system.	in operation. STPs in other towns shall be installed by 31.12.2023.	range of 0-100% has been laid. 100% sewerage network in all the towns shall be installed by 31.12.2023.	technology has been set up in any drain/Nallah.

✓ **Industrial wastewater management**

Sr. No	Name of District	Industrial wastewater management activities			
		Compliance to discharge norms by industries	Installation of OCEMs	Installation of EMFs at inlet and outlet of ETPs	Inspection of units to check compliance
1.	Patiala (09 MCs)	Industries are inspected by Punjab Pollution Control Board and action is taken against the defaulting industries as per the provisions of Water Act, 1974	OCEMS has been installed by 17 category of industries.	Most of the industries have installed EMFs at outlet of ETPs	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
2.	Fatehgarh Sahib (05 MCs)	Industries are inspected by Punjab Pollution Control Board and action is taken	OCEMS has been installed by 17 category of industries	All 46 water polluting industries have installed EMFs	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution



Sr. No	Name of District	Industrial wastewater management activities			
		Compliance to discharge norms by industries	Installation of OCEMS	Installation of EMFs at inlet and outlet of ETPs	Inspection of units to check compliance
		against the defaulting industries as per the provisions of Water Act, 1974		at outlet of industries. No EMF installed at inlet of ETP of the industries.	Control Board twice in a year.
3. & 4.	Sangrur & Malerkotla (13 MCs)	137 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS have already been installed in industries falling under 17 category of industries.	All the 137 water polluting industries have installed EMFs at outlet of ETPs but no EMF has been installed at inlet of ETPs.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
5.	SBS Nagar	24 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS have been installed by the industries falling under 17 category of industries.	Large scale industries have provided EMFs at outlet of ETPs but no EMF has been installed at inlet to ETPs.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
6.	Mansa (07 MCs)	07 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS has not been installed by the industries	Water polluting industries have already installed EMFs at outlet of ETPs but no EMFs have been installed at inlet of ETP.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
7.	Ropar (06 MCs)	19 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	Out of total 11 industries requiring OCEMS, 06 industries have installed OCEMS.	Water polluting industries have already installed EMFs at outlet of ETPs but no EMFs have been installed at inlet of ETPs.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
8.	Gurdaspur (08 MCs)	34 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act,	All the 02 industries, requiring OCEMS, have installed the same.	09 industries have installed EMFs at outlet of ETPs but no EMFs have been installed at inlet of ETPs.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.



Sr. No	Name of District	Industrial wastewater management activities			
		Compliance to discharge norms by industries	Installation of OCEMS	Installation of EMFs at inlet and outlet of ETPs	Inspection of units to check compliance
		1974.			
9.	Pathankot (03 MCs)	131 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS installed by 03 industries, which have discharge more than 50 KLD	Water polluting industries have already installed EMFs at outlet of ETPs but no EMFs have been installed at inlet of ETPs.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
10.	Fazilka (04 MCs)	28 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	No data mentioned about installation of OCEMS by the industries.	Most of the industries have installed EMFs at outlet of ETPs but no EMFs have been installed at inlet of ETPs of the industries.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
11.	Sri Muktsar Sahib (04 MCs)	21 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	No industry has installed OCEMS.	Industries have installed EMFs at outlet of ETPs but no EMFs have been installed at inlet of ETPs.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
12.	Hoshiarpur (10 MCs)	63 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS installed by large scale industries.	EMFs have been installed at outlet of ETPs but not at inlet of ETPs	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
13.	Kapurthala (07 MCs)	431 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS installed by large scale industries.	EMFs have been installed at outlet of ETPs but not at inlet of ETPs	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
14	SAS Nagar (08 MCs)	239 water polluting industries exist in the District and these industries are inspected by	OCEMS in 17 categories of industry have been provided	EMFs have been installed by 239 industries at their	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution



Sr. No	Name of District	Industrial wastewater management activities			
		Compliance to discharge norms by industries	Installation of OCEMS	Installation of EMFs at inlet and outlet of ETPs	Inspection of units to check compliance
		Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	and for CETP for electroplating industries at Chanalon, OCEMS shall be set up by 31.12.2022.	outlet but no EMFs have been installed at inlet to ETPs of the industries.	Control Board twice in a year.
15.	Moga (07 MCs)	37 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the Water Act, 1974.	OCEMS have been installed by large scale industries.	EMFs have been installed by 37 industries at their outlet but no EMRs have been installed at inlet to ETPs of the industries.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
16	Faridkot (03 MCs)	19 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS have been installed by large scale industries.	Most of the industries have provided EMFs at the outlet of ETPs and no EMFs have been installed at inlet of ETPs.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
17.	Ferozepur (08 MCs)	44 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS have been installed by large scale industries.	EMFs have been installed in 44 industries at their outlet but no EMfs have been installed at inlet to ETPs of industries.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
18.	Jalandhar (13 MCs)	431 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS have been installed by large scale industries.	EMFs have been installed by the industries at their outlet but no EMFs have been installed at inlet to ETPs of industries.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
19.	Ludhiana (11 MCs)	2269 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of	OCEMS have been installed by all 17 category of industries and CETPs of capacity 50 MLD, 40 MLD and 15 MLD shall install OCEMS by 31.12.2022. CETP for electroplating	Most of the industries have already installed EMFs at outlet of ETPs but not at inlet of ETPs. The remaining industries shall be directed to	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.



Sr. No	Name of District	Industrial wastewater management activities			
		Compliance to discharge norms by industries	Installation of OCEMS	Installation of EMFs at inlet and outlet of ETPs	Inspection of units to check compliance
		Water Act, 1974.	industries has already installed OCEMS	provide EMFs at inlet and outlet of ETPs by 31.12.2022.	
20	Barnala (05 MCs)	13 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	It has been directed that OCEMS on STPs/ETPs may be installed by 31.12.2022.	It was directed that the industries, which have not installed EMFs at inlet and outlet of ETPs, shall provide the same by 31.12.2022.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
21.	Bathinda (17 MCs)	39 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS have been installed by large scale industries.	It was directed that the industries, which have not installed EMFs at inlet and outlet of ETPs, shall provide the same by 31.12.2022.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
22.	Amritsar (07 MCs)	198 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS have been installed in 17 category of industries	It was directed that the industries, which have not installed EMFs at inlet and outlet of ETPs, shall provide the same by 31.12.2022.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.
23.	Tarn Taran (04 MCs)	32 water polluting industries exist in the District and these industries are inspected by Punjab Pollution Control Board from time to time and action against the defaulting industries is taken as per the provisions of Water Act, 1974.	OCEMS have been installed in 17 category of industries	It was directed that the industries, which have not installed EMFs at inlet and outlet of ETPs, shall provide the same by 31.12.2022.	In order to check the compliance of environment laws, inspections are carried out by Punjab Pollution Control Board twice in a year.



✓ **Mining activity management**

Sr. No	Name of District	Mining activity management			
		Monitoring of mining activities	Inventory of illegal mining	Environment compliance by mining industries	Compliance of order dated 26.2.2021 in OA No. OA no. 360 of 2015 in the matter of Shree Nath Sharma Vs Union of India & Ors in the matter of National Green Tribunal Bar Association Vs Virender Singh
1.	Patiala (09 MCs)	No mining activity exists in District Patiala.	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District Patiala.
2.	Fatehgarh Sahib (05 MCs)	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.
3.	Sangrur & Malerkotla (13 MCs)	No mining activity exists in Districts.	No mining activity exists in Districts.	No mining activity exists in Districts.	No mining activity exists in Districts.
4.					
5.	SBS Nagar (4 MCs)	Monitoring is done by department of irrigation.	FIR against the persons doing illegal mining has been lodged.	Mining operation are carried out as per the conditions of the Environmental Clearance	Point wise compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat) is to be made by the dept. of Irrigation.
6.	Mansa (07 MCs)	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.
7.	Ropar (06 MCs)	Regular monitoring to be carried out by Department of Irrigation	Regular surveillance is carried out to check illegal mining.	Surprise inspections are to be carried out by department of Irrigation to check the compliance of conditions of Environmental Clearance.	Point wise compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat) is to be made by the dept. of Irrigation.
8.	Gurdaspur (08 MCs)	District Level task force has been constituted to monitor the mining activities.	Regular surveillance is carried out to check illegal mining by the Department of Irrigation.	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Point wise compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat) & Ors is to be made by the dept. of Irrigation.
9.	Pathankot (03 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)
10.	Fazilka (04 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)
11.	Sri Muktsar	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.



Sr. No	Name of District	Mining activity management			
		Monitoring of mining activities	Inventory of illegal mining	Environment compliance by mining industries	Compliance of order dated 26.2.2021 in OA No. OA no. 360 of 2015 in the matter of Shree Nath Sharma Vs Union of India & Ors in the matter of National Green Tribunal Bar Association Vs Virender Singh
	Sahib (04 MCs)				
12.	Hoshiarpur (10 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)
13.	Kapurthala (07 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)
14	SAS Nagar (08 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)
15.	Moga (07 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)
16	Faridkot (03 MCs)	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.
17.	Ferozepur (08 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)
18.	Jalandhar (13 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)



Sr. No	Name of District	Mining activity management			
		Monitoring of mining activities	Inventory of illegal mining	Environment compliance by mining industries	Compliance of order dated 26.2.2021 in OA No. OA no. 360 of 2015 in the matter of Shree Nath Sharma Vs Union of India & Ors in the matter of National Green Tribunal Bar Association Vs Virender Singh
19.	Ludhiana (11 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)
20.	Barnala (05 MCs)	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.
21.	Bathinda (17 MCs)	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.	No mining activity exists in District.
22.	Amritsar (07 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)
23.	Tarn Taran (04 MCs)	Regular monitoring to be carried out by Department of Irrigation	Department of Irrigation is to make surprise inspection of the area to check the illegal mining	Surprise inspections are to be carried out by department of Irrigation to check the environment compliance	Department of Irrigation has been directed by Monitoring Committee to make compliance of order dated 26.2.2021 in OA no. 360 of 2015 in the matter of National Green Tribunal Bar Association Vs Virender Singh (State of Gujarat)

✓ **Noise pollution management**

Sr. No	Name of District	Noise pollution management activities			
		Availability of sound/noise level meters	Ambient noise level monitoring	Sign boards in noise zones	Checking of pressure horns of vehicles
1.	Patiala (09 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been installed in sensitive zones.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
2.	Fatehgarh Sahib (05 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a	Sign boards have been installed in sensitive zones but not in other area.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.



Sr. No	Name of District	Noise pollution management activities			
		Availability of sound/noise level meters	Ambient noise level monitoring	Sign boards in noise zones	Checking of pressure horns of vehicles
		Department	year.		
3. & 4.	Sangrur & Malerkotla (13 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been installed in sensitive zones but not in other area.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
5.	SBS Nagar (4 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been provided	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
6.	Mansa (07 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been provided at sensitive zones but in other areas, sign boards have not been installed	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
7.	Ropar (06 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been provided at sensitive zones but in other areas, sign boards have not been installed	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
8.	Gurdaspur (08 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been provided at sensitive zones but in other areas, sign boards have not been installed	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
9.	Pathankot (03 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.



Sr. No	Name of District	Noise pollution management activities			
		Availability of sound/noise level meters	Ambient noise level monitoring	Sign boards in noise zones	Checking of pressure horns of vehicles
10.	Fazilka (04 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive / silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
11.	Sri Muktsar Sahib (04 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/ silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
12.	Hoshiarpur (10 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/ silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
13.	Kapurthala (07 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/ silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
14	SAS Nagar (08 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/ silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
15.	Moga (07 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/ silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
16	Faridkot	01 noise level meter	Punjab Pollution	Sign boards have been	Regular checking of vehicles is to be



Sr. No	Name of District	Noise pollution management activities			
		Availability of sound/noise level meters	Ambient noise level monitoring	Sign boards in noise zones	Checking of pressure horns of vehicles
	(03 MCs)	is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department.	Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	installed at appropriate locations in noise/sensitive zones.	conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
17.	Ferozepur (08 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department.	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
18.	Jalandhar (13 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department.	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign Boards have been installed in front of Schools and Hospital. There is need to provide more sign boards in the area.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
19.	Ludhiana (11 MCs)	05 noise level meters available with Punjab Pollution Control Board. No noise level meters have been procured by police Department.	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign board has been installed at sensitive zone and more sign boards shall be installed 31.12.2022	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
20.	Barnala (05 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department.	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
21.	Bathinda (17 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department.	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
22.	Amritsar (07 MCs)	01 noise level meter is available with	Punjab Pollution Control Board is	Sign boards have been installed at appropriate	Regular checking of vehicles is to be conducted by Police Dept. and Punjab



Sr. No	Name of District	Noise pollution management activities			
		Availability of sound/noise level meters	Ambient noise level monitoring	Sign boards in noise zones	Checking of pressure horns of vehicles
		Punjab Pollution Control Board. No noise level meters have been procured by police Department.	required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	locations in noise/sensitive zones.	Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.
23.	Tarn Taran (04 MCs)	01 noise level meter is available with Punjab Pollution Control Board. No noise level meters have been procured by police Department.	Punjab Pollution Control Board is required to carry out ambient noise level monitoring in noise zone and sensitive/silence zones twice in a year.	Sign boards have been installed at appropriate locations in noise/sensitive zones.	Regular checking of vehicles is to be conducted by Police Dept. and Punjab Pollution Control Board and number of challans issued to the violators may be mentioned in District Environment Plan.

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