

**Minutes of the 24<sup>th</sup> Meeting held on 7<sup>th</sup> June, 2022 under the Chairmanship of Sh. Dharam Pal, IAS, Adviser to the Administrator w.r.t. directions issued by Hon'ble National Green Tribunal**

The following members were present:-

1. Sh. Nitin Kumar Yadav, IAS  
Secretary, Local Government/ Environment,  
U.T., Chandigarh.
2. Sh. Debendra Dalai, IFS  
Chief Conservator of Forests/ Vice - Chairman, CPCC,  
U.T., Chandigarh.
3. Smt. Anindita Mitra, IAS  
Commissioner, Municipal Corporation/ CEO, CSCL  
U.T., Chandigarh.
4. Sh. Arulrajan P., IFS  
Conservator of Forests/ Member Secretary, CPCC,  
U.T., Chandigarh.
5. Sh. Vinay Pratap Singh, IAS  
Deputy Commissioner  
U.T., Chandigarh.
6. Sh. Chandra Bhushan Ojha  
Chief Engineer-cum-Special Secretary Engineering  
U.T., Chandigarh.

At the outset, Sh. Arulrajan P., IFS Member Secretary, CPCC welcomed all the members of the committee and apprised about the orders of Hon'ble National Green Tribunal. After that action taken/ to be taken on the directions of Hon'ble NGT were discussed as per detail given below:-

S.No.	Thematic Area [Hon'ble NGT Case]	Key Points	Current status	Concerned Department
1.	Compliance to SWM Rules including legacy waste  [Compliance of Municipal Solid Waste Management Rules, 2016 (O.A. No. 606/2018)]	➤ Door to door collection of segregated waste	The Commissioner MCC informed that they have deputed 585 compartmentalized vehicles for door to door collection and transportation of segregated waste from residential areas. Rationalization of rates for door to door collection of	Municipal Corporation

		<p>➤ Collection and disposal of domestic hazardous waste</p>	<p>segregated waste from market/ commercial/ industrial areas is in process and will be finalized in house meeting before 15<sup>th</sup>, June, 2022. Further, she informed that they are in talks with Eatery Association for collection of food waste from eateries in market areas and they will be deputing 30 vehicles in evening for this purpose. They have installed around 3000 colour coded bins in for public in markets/ commercial/industrial areas and installation of 1700 more such bins are in pipeline.</p> <p>In view of this, the Adviser to the Administrator directed MCC to study the type of waste generated from the eateries and streamline the collection and treatment of the same by 15<sup>th</sup> June, 2022. He further directed MCC to provide the details of all colour coded bins installed in the city for verification to be done by CPCC.</p> <p>The Member Secretary, CPCC also informed that there are Garbage Vulnerable Points (GVPs) at various locations which need to be removed. In view of this, the Adviser to the Administrator asked MCC to identify all GVPs and take appropriate action to clear them.</p> <p>The Commissioner, MCC informed that the domestic hazardous waste collected in separate compartment in vehicles and transported to Material Recovery Facilities (MRFs). Agreement is being done for lifting, treatment &amp; disposal of domestic hazardous waste with Treatment Storage and Disposal Facility (TSDF) i.e. M/s Ramky Enviro Engineers Limited, Nimbua (Punjab). They</p>	<p>Municipal Corporation</p>
--	--	--	---	------------------------------

	<p>[Purva Pravin Bora &amp; Ors. Vs. MoEFCC &amp; Ors. O.A. No. 237/2020) IN (O.A. No. 180/2017) (WZ) (M.A. No. 383/2017)]</p>	<p>➤ Collection and disposal of sanitary waste</p>	<p>will be able to send collected waste by 30<sup>th</sup> June, 2022.</p> <p>The Commissioner, MCC informed that around 1.0 MT/day of sanitary waste is generated which is collected in segregated manner and is being disposed at 03 No. MRFs through sanitary waste disposal machines. However, their size is inadequate for disposal of entire waste.</p> <p>In view of this, the Member Secretary, CPCC informed that the said machines do not have arrangement for controlling air emissions and proper incinerator with air pollution control device should be installed for this purpose. The Vice-Chairman, CPCC added that there is one approved Biomedical Waste Treatment and Disposal Facility (BWTF) in Industrial Area, Phase – I but is inadequate for treatment of the entire sanitary waste (available capacity is 300-400 kg/day). In view of this, the Adviser to the Administrator directed MCC to dispose off sanitary waste as per the available capacity of BWTF as a short term solution and consult CPCC for installation of incinerator or any other disposal machine as a long term solution.</p>	<p>Municipal Corporation</p>
		<p>➤ Processing and Disposal of MSW</p>	<p>The Commissioner, MCC informed that all 3 MRFs are functional. Now, they have raised the treatment capacity of wet waste to 140 MT/day by reducing the compost time from 48 days to 28 days. Rest of the waste is dumped onto the landfill site.</p> <p>She informed that the Expression of Interest (EOI) for establishment of</p>	<p>Municipal Corporation</p>

		<p>➤ Functioning of Bio-methanation Plant</p>	<p>Integrated Solid Waste Processing &amp; Management System in city was received on 13.05.2022. The Request for Proposal (RFP) will be floated by the end of June, 2022. The integrated solid waste processing &amp; management will be established by December 2024.</p> <p>Meanwhile, existing MSW processing plant is under maintenance and will be made functional within 2 – 3 months.</p> <p>In view of this, the Member Secretary, CPCC informed that some interim action is to be taken for processing and disposal of entire MSW (550-660 MT/day) before integrated solid waste processing &amp; management system is established in Chandigarh. A complete action plan is required to be prepared by MCC as personal appearance of the Adviser to the Administrator before Hon'ble NGT is scheduled for 26.07.2022 at 10:30 AM through Video Conferencing in the said matter of O.A. No. 606/2018.</p> <p>In view of this, the Adviser to the Administrator directed MCC to take necessary action for immediate processing of MSW and prepare detailed action plan along with timelines for presentation before Hon'ble NGT.</p> <p>The Commissioner MCC informed that they have finalized tender for its repair and shall be completed by 30.07.2022. The Deputy Commissioner added that they are in process of installing a bio-gas plant for treatment of mandi waste which at present directly dumped onto the landfill site. However, they are unsure of the available</p>	<p>Municipal Corporation</p>
--	--	---	--	------------------------------

		<p>➤ Bio-remediation of legacy waste.</p>	<p>technologies. In view of this, the Secretary Local Government, advised CPCC to look into the technical aspects and report the same.</p> <p><b><u>Old dumpsite</u></b> The Commissioner, MCC informed that around 3.71 Lakh MT out of 5 Lakh MT has been processed and entire site will be bio-remediated by December 2022.</p> <p><b><u>Current landfill site</u></b> The Commissioner, MCC informed that they are in process of technical evaluation of tender issued for bio-remediation of current landfill site (capacity around 8 Lakh MT). The work will be completed by December, 2025. The Adviser to the Administrator directed MCC to evaluate technical bids by 10.06.2022 and then financial bids by 13.06.2022.</p>	<p>Municipal Corporation</p>
		<p>➤ Aerobic composting of horticulture waste in parks/ green belts of Chandigarh.</p>	<p>The Commissioner, MCC informed that aerobic composting of the horticulture waste has been started in 64 parks/ green belts of Chandigarh. The tender for remaining 40 parks has been received and work shall be completed by 30.09.2022. The Chief Engineer informed that work of aerobic composting in 04 major parks under Engineering Department has been completed.</p>	<p>Municipal Corporation/ Engineering Department</p>
		<p>➤ Establishment of new sanitary landfill (SLF) site</p>	<p>The Commissioner MCC informed that work of establishment of new sanitary landfill along with Leachate Treatment Plant (LTP) will be completed by 30.06.2022. The machinery of LTP (for existing and new landfill site) has arrived and will be installed soon.</p>	<p>Municipal Corporation</p>

			In view of this, the Vice-Chairman, CPCC informed that there is large quantity of leachate present in the current landfill site which needs to be immediately treated, otherwise it will pollute ground water and Patiala ki Rao Choe. The Adviser to the Administrator directed MCC to install LTP on urgent basis and before rainy season and directed CPCC to verify the same.	
2.	<p>Compliance to Bio-medical Waste Rules</p> <p>[Shailesh Singh Vs. Sheela Hospital and Trauma Centre, Shahjahanpur &amp; Ors. O.A. No. 710/2017,711/2017,712/2017, 713/2017]</p> <p>[Scientific Disposal of Bio-Medical Waste arising out of COVID-19 treatment- Compliance of BMW Rules, 2016 O.A. No. 72/2020]</p>	<p>➤ Biomedical waste generated in all the health care facilities is disposed off properly through Biomedical Waste Treatment Facility.</p> <p>➤ Central Pollution Control Board (CPCB) has issued guidelines w.r.t. management of COVID -19 biomedical waste which has been communicated to HCFs for the necessary compliance. CPCB has also developed an android mobile app which is being used by all the HCF's to submit data on daily basis.</p>	<p>Complied with</p> <p>Complied with (Guidelines of CPCB regarding Covid-19 Bio-Medical Waste are being implemented. CPCC is doing regular monitoring to verify the compliance done by the HCF's and quarterly reports are being sent to CPCB in this regard).</p>	<p>Chandigarh Pollution Control Committee</p> <p>Chandigarh Pollution Control Committee</p>
3.	Compliance to Construction & Demolition Waste	➤ The Construction and Demolition waste processing facility of capacity 160 MT/ day is functioning properly.	Complied with	Municipal Corporation
4.	Compliance to Hazardous Waste Rules	➤ Whole of the hazardous waste is collected and transported through authorized TSDF, incinerator and recyclers to their facilities located in	Complied with	Chandigarh Pollution Control Committee

		Punjab, Haryana and U.P.		
5.	Compliance to E-waste Rules	➤ Karo Sambhav (PRO), M/s Ramky Enviro Engineers Ltd., M/s Spreco Recycling and M/s Ortech India Corporation are available to collect E-waste from Chandigarh.	Complied with	Chandigarh Pollution Control Committee
6.	Control of Air Pollution including noise pollution  [News Item Published in “The Times of India’ Authored by Shri Vishwa Mohan Titled “NCAP with Multiple timelines to Clear Air in 102 Cities to be released around August 15” dated 08.10.2018 (O.A. No. 681/2018)]	<p>➤ Air Quality Monitoring Committee (AQMC) is continuously monitoring the implementation of action plan for control of air pollution in Chandigarh as per the action plan submitted to CPCB.</p> <p>➤ The source apportionment study has to be carried out.</p> <p>➤ Three no. of CAAQMS are operational in Sector 53, Sector 25 and Sector 22.</p> <p>➤ The procurement of online noise meters is under process.</p> <p>➤ Grievance Redressal App with regard to complaints of air pollution is under trial run.</p> <p>➤ Graded Response Action Plan (GRAP) has been formulated and will be implemented as and when required.</p> <p>➤ Air Quality Index of Chandigarh is being displayed at:</p> <ul style="list-style-type: none"> <li>• Paryavaran Bhawan Sector – 19,</li> <li>• PGI,</li> <li>• ISBT 43,</li> <li>• Sector 17 Market</li> <li>• Panjab University</li> </ul>	<p>Complied with</p> <p>Is being complied (Work has been initiated by CPCC)</p> <p>Complied with</p> <p>Is being complied (Specifications are being finalized with CPCB)</p> <p>Is being complied (under testing phase)</p> <p>Complied with</p> <p>Complied with</p>	Chandigarh Pollution Control Committee And Municipal Corporation

		(South Campus) Sector 25, • Sector 22, • Sector 53		
7.	Status of STPs and re-use of treated water [Stench Grips Mansa's Sacred Ghaggar River (Suo-Motu Case) And Yogender Kumar Original Application No.138 of 2016 (TNHRC) (Case No. 559/19/11/14) And Original Application No. 139 of 2016 (TNHRC) (Case No. 600/19/11/14)]  [Sunaina Versus State of Punjab & Ors. Respondent(s) (OA No. 124/2021)]	<p>➤ All the outlets from where untreated water was entering in the <b>N-Choe</b> have been plugged.</p> <p>➤ Due to absence of sewer network in Faidan village, untreated sewage water is flowing into the <b>Faidan choe</b> which ultimately mixes into the N-choe.</p> <p>➤ All the outlets from where untreated water was entering in the <b>Sukhna Choe</b> have been plugged except two points viz. Dhaka colony near Raipur Khurd and outlet from Gaushala, Industrial Area Phase – I.</p>	<p>No discharge point found.</p> <p>The Member Secretary, CPCC informed that demarcation of Faidan village has been done by the office of Deputy Commissioner on 19.05.2022. However, the report is awaited from the office of Deputy Commissioner.</p> <p>The Commissioner, MCC informed that all the land along the Faidan choe is private land and Faidan choe is also on the private land, so they will not be able to lay sewerage line in that area. Once the demarcation report is received, they will install a soak pit for the sewage generated and will pump out and transport it to the nearest STP for treatment. In view of this, the Adviser to the Administrator directed MCC to take immediate necessary steps for collection and treatment of waste water from the village (part of Chandigarh).</p> <p>The Commissioner MCC informed that there is no sewer network in the said area (being illegal colony) and so the waste water from the colony flows into storm water channel. She further informed that have temporarily plugged the outlet by channelizing the waste water into Raipur Khurd STP. The sewage network will be laid by 31.12.2022.</p> <p>The Member Secretary, CPCC informed that as per the latest inspection by CPCC on 24.05.2022,</p>	<p>Municipal Corporation</p> <p>Municipal Corporation/ DC</p> <p>Municipal Corporation/</p>



		<p>➤ There are no. of wastewater discharge points from village Khuda Lahora and Khuda Jassu which directly discharge wastewater into <b>Patiala ki rao choe.</b></p> <p>➤ Installation of real time water quality monitoring stations in N-Choe and Sukhna-Choe.</p> <p>➤ Ground water extraction/contamination and re-charge</p> <p>➤ Installation of new STP of 2 MLD at Kishangarh.</p>	<p>sewage discharge was observed at outlet from Gaushala, Industrial Area, Phase - I. Also, tertiary treated water was found to be discharging from two points:</p> <ul style="list-style-type: none"> <li>• First outlet of Bapu Dham colony near bridge on the road connecting IT park with Sector 26</li> <li>• Outlet near C &amp; D Plant</li> </ul> <p>In view of this, the Adviser to the Administrator directed MCC to look into the matter and plug all the discharge points within 15 days.</p> <p>The Commissioner MCC informed that they have sent notice to 135 residents of the villages to rectify their internal sewage network to stop the flow of waste water into Choe. Compliance has been done by 93 households. Water connection of 17 residents is disconnected. At present, 70% volume of flow of waste water to Choe reduced. The flow of waste water will be completely plugged by 30.06.2022.</p> <p>The Chief Engineer, Engineering Department informed that RTWQMS at both Sukhna choe and N- Choe are not showing readings because of very low flow of water. They are in process of rectifying the setting of probe and will be getting readings within 02 days.</p> <p>Complied with (As per the data of ground water monitoring, no contamination is found in the ground water of U.T. Chandigarh)</p> <p>The Chief Engineer, Engineering Department informed that the installation of STP at</p>	<p>Municipal Corporation/</p> <p>Engineering Department</p> <p>CPCC</p> <p>Engineering Department</p>
--	--	--	--	---

		<ul style="list-style-type: none"> <li>➤ Upgradation of existing STPs.</li> <li>➤ Action Plan for utilization of treated water as provided by MCC was forwarded to CPCB.</li> </ul>	<p>Kishangarh is complete and is on trial run from 25.03.2022. The STP will be fully functional by 15<sup>th</sup> July, 2022.</p> <p>The CEO, CSCL informed that due to COVID, the upgradation of STPs got delayed and provided the fresh completion dates for the completion. The upgradation work of STPs 3 BRD and Dhanas will be completed by 31.07.2022, Raipur Khurd, Raipur Kalan and Diggian by 31.01.2023.</p> <p>The Commissioner, MCC informed that after upgradation of STP's, more tertiary treated water will be available which will be channelized for utilization by bulk users.</p>	<p>Chandigarh Smart City Limited</p> <p>Municipal Corporation</p>
8.	<p>Status of CETPs/ETPs including performance</p> <p>['Polluter Pays' principle, 'Precautionary principle' and details of utilization of funds collected (Paryavaran Suraksha Samiti &amp; Anr. Vs. Union of India &amp; Os. O.A. No. 593/2017 dated 19.02.2019)]</p>	<ul style="list-style-type: none"> <li>➤ There is no Common Effluent Treatment Plant (CETP) in Chandigarh. The industries are being monitored and no unit is allowed to operate without proper Effluent Treatment Plant. In case of any violation, unit is sealed with disconnection of electricity and water supply.</li> <li>➤ Government hospitals i.e. PGI, GMCH – 32, GMSH-16 do not have ETP.</li> </ul>	<p>Complied with (No untreated industrial waste water is being released)</p> <p>The Chief Engineer, Engineering Department informed that ETP at GMSH-16 will be installed by October, 2022, GMCH-32 by 31.12.2022. Other than these, ETP at Civil Hospitals of Sector -22 and Sector – 45 will be installed by 31.10.2022. Regarding installation of ETP at PGI, the Vice-Chairman, CPCC informed that they still have to initiate the work of installation of ETP. In view of this, the Adviser to the Administrator directed CPCC to prepare</p>	<p>Chandigarh Pollution Control Committee</p> <p>Engineering Department/ CPCC</p>

			a DO letter from his side to be sent to the Secretary Health, Government of India for the required compliance to be done by PGI.	
9.	Restoration of water bodies  [Lt. Col. Sarvadaman Singh Oberoi Vs Union of India & Ors. O.A. No. 325/2015 in I.A. No. 700/2019 and M.A. No. 252/2019]	<ul style="list-style-type: none"> <li>➤ Total nine water bodies have been identified for restoration and their action plan has been submitted to CPCB. Detailed action plan along with timelines are to be finalized by the concerned departments.</li> </ul>	The Member Secretary, CPCC informed that the modified action plan for the restoration work has been provided by all the concerned departments. The updated timeline for completion of restoration work is as under: Municipal Corporation (for 03 water bodies) – 15.07.2022. Forest Department (for 01 lake) – already done. Engineering Department - water bodies at Khuda Jassu and Maloya - 31.07.2022, Kaimbwala – 15.07.2022 and Dhanas – 15.08.2022.	Municipal Corporation, Engineering Department and Forest Department
10.	Compliance of environmental norms by restaurants/hotels/motels/banquets  [Westend Green Farms Society versus UOI & Others O.A. No. 400/2017]	<ul style="list-style-type: none"> <li>➤ CPCC ensures that consent is issued to restaurants/hotels/motels/banquets etc. along with the conditions mentioned in the guidelines of CPCB.</li> <li>➤ CPCC has issued letters to MCC to take consent under Air &amp; Water Act for their Banquet Halls/Community Centers.</li> </ul>	Complied with  Is being complied MCC is in process to do the necessary compliance. In view of this, the Member Secretary, CPCC informed that MCC requires taking necessary permission from CPCC for any expansion in their existing projects and other on-going and up-coming projects. The Adviser to the Administrator directed MCC to comply with the same.	Chandigarh Pollution Control Committee  Municipal Corporation
11.	Compliance of environmental norms in functioning of Dairies/Gaushalas  [Naggehalli Jayasimha Vs. Government of	<ul style="list-style-type: none"> <li>➤ The Department of Animal Husbandary and Fisheries has provided the list of all dairies so as to take them under the purview of consent management.</li> </ul>	The Member Secretary CPCC informed that recently as per the orders of Hon'ble NGT, a Joint Committee has been constituted. Meeting was held on 19.05.2022 for formulation of action plan and policy for the matter.	Chandigarh Pollution Control Committee

	NCT Delhi O. A. No.46/2018]	<p>➤ MCC is yet to apply for consent for all gaushalas under them.</p>	<p>The Vice- Chairman, CPCC suggested that they are exploring the possibility of collection and treatment of waste from the dairy farmers at a common facility. In view of this, the Commissioner, MCC denied that they will not treat waste water and solid waste of private players in their upcoming facility.</p> <p>In view of this, the Adviser to the Administrator directed MCC to apply for consent consent for all the gaushalas under them.</p>	Municipal Corporation
--	--------------------------------	--	--	-----------------------

At the end, Worthy Adviser to the Administrator summarized as below:

- 100% door to door collection and transportation of segregated waste from all areas to be done at the earliest.
- Adequate measures to be taken so that there is no discharge of untreated waste water from Faidan village, Khuda Lahora and Khuda Jassu villages.
- The work of upgradation of existing STP's should be completed within updated timeline.
- MCC to obtain necessary permissions from Department of Environment and Chandigarh Pollution Control Committee for their existing, on-going and up-coming projects.
- Compost generated from compost pits at public parks may be explored to be given free for citizens like farmers and they can pick the waste as and when required.
- Biogas plant may be explored for installation in all gaushalas in the city.

Worthy Adviser to the Administrator further directed all concerned to take action in a time bound manner.

The meeting ended with a vote of thanks to the Chair.