

DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT, GOVT. OF NCT OF DELHI
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006
visit us at : <http://dpcc.delhigovt.nic.in>

F. No. DPCC/WMC-II/MPR/OA 673/2020/5530-5551

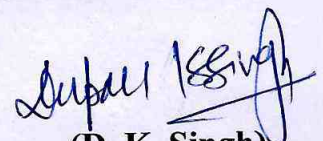
Dated: 23.02.2021

Sub : Minutes of the 4th Meeting of Chief Secretary to Monitor/Review the progress in respect of Action Points / various Projects of RRC Action Plan held through Video Conferencing at 4:00 PM on 09.02.2021.

Please find enclosed here with Minutes of the 4th Meeting of Chief Secretary to Monitor/Review the progress in respect of Action Points / various Projects of RRC Action Plan held through Video Conferencing at 4:00 PM on 09.02.2021 in compliance to the directions of the Hon'ble National Green Tribunal dated 06.12.2019, 29.06.2020 & 21.09.2020 in OA No. 673 / 2018 in the matter of News item published in 'The Hindu' authored by Shri Jacob Koshy titled "More river stretches are now critically polluted: CPCB".

All the Departments/Agencies are required to take urgent necessary action as mentioned in said Minutes and send their Action Taken Report to DPCC at Email : dpcc.wmc2@gmail.com and also send the hard copy of the **Action Taken Report** to DPCC by 01.03.2021.

Next meeting of the Chief Secretary, GNCTD on the aforementioned matter is scheduled to be held at 3:00 PM on 05.03.2021 through Video Conferencing. VC Id, Password and link for the meeting on 05.03.2021 will be communicated soon.


(D. K. Singh)
Incharge, WMC – II
DPCC

Enclosure: As Above

To,

1. The Vice Chairman, Delhi Development Authority, Vikas Sadan, INA, Delhi-110023.
2. The Chairman, New Delhi Municipal Council, Palika Kendra Building, Parliament Street, Delhi-01.
3. The Additional Chief Secretary, Urban Development Department, Govt of NCT of Delhi, 9th Level, Delhi Secretariat, I.P. Estate, Delhi - 110002.
4. The Principal Secretary, Public Works Department, 5th Level, Delhi Secretariat, I.P.Estate, Delhi-02
5. The Pr. Secretary (Revenue) cum Divisional Commissioner, 5 Sham Nath Marg, Delhi-54.
6. The Commissioner, South Delhi Municipal Corporation (SDMC), 9th Floor, Dr. S.P.M Civic Center, JLN Marg, New Delhi – 110002.
7. The Commissioner, North Delhi Municipal Corporation (NDMC), 4th Floor, Dr. S.P.M Civic Center, JLN Marg, New Delhi-110002

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8. The Commissioner, East Delhi Municipal Corporation (EDMC), 419, Udyog Sadan, Patparganj Industrial Area, Delhi-110092
9. The Chief Executive Officer, Delhi Cantonment Board (DCB), Delhi Cantt. Sadar Bazaar, New Delhi-110010
10. The Chief Executive Officer, Delhi Jal Board, Varunalaya Ph-II, Jhandewalan, Karol Bagh, New Delhi-110005
11. The Commissioner of Industries, Govt. of NCT of Delhi. 419, Udyog Sadan, FIE Patparganj, Delhi-110092.
12. The Managing Director, Delhi State Industrial & Infrastructure Development Corporation Ltd. N-36, Bombay Life Building, Connaught Circus, New Delhi - 110001
13. The Secretary, Irrigation & Flood Control Department (I&FC), Govt. of NCT of Delhi, L. M. Bundh, Shastri Nagar, Delhi - 110031.
14. The Secretary - Cum -Commissioner, Development Department, Govt. of NCT of Delhi 5/9, Under Hills Road, Delhi-110054
15. The Principal Chief Conservator of Forest, Forest Department, Govt. of NCT of Delhi, A Block, Vikas Bhawan, I.P.Estate, Delhi-110002.
16. Concerned District Magistrates (11 Revenue Districts of Delhi)
17. Member Secretary, Wetland Authority for Delhi, 6th Level, Delhi Secretariat, I.P. Estate, Delhi – 110002
18. Director (Environment), Govt. of NCT of Delhi,

Copy for information to:

1. The Member Secretary, DPCC
2. Staff Officer to Chief Secretary, Govt. of NCT of Delhi, 5th Level, Delhi Secretariat, I.P. Estate, Delhi – 110002
3. PA to Additional Chief Secretary (Environment), 7th Level, Delhi Secretariat, I.P. Estate, Delhi – 110002
4. PA to Principal Secretary (Environment) Cum Chairman, DPCC.



(D. K. Singh)
Incharge, WMC – II
DPCC

Minutes of the 4th Meeting of Chief Secretary, Delhi, held at 4:00 PM on 09.02.2021 through Video Conferencing to Monitor/Review the Progress in respect of Action Points / Projects of RRC Action Plan w.r.t Orders of Hon'ble NGT Dated 06.12.2019, 29.06.2020 & 21.09.2020 in OA No. 673 / 2018 in the matter of News item published in 'The Hindu' authored by Shri Jacob Koshy titled "More river stretches are now critically polluted: CPCB".

Officers from various Organizations including Delhi Jal Board, Delhi Development Authority, DSIIDC, Irrigation and Flood Control Department, Local Bodies, Environment Deptt., DPCC and other Departments attended the meeting.

Chief Secretary, welcomed the participants Addl. Chief Secretary (Env. & Forest) briefed about the meeting and asked the representatives of DPCC to make presentation on the various Action Points / Projects related to control of Pollution in river Yamuna.

Member Secretary, DPCC made a Power Point Presentation on various Action Points / Projects related to control of Pollution in river Yamuna for reviewing the progress including Action Taken Report w.r.t. previous meeting held on 24.12.2020.

1. Action Taken Report w.r.t. previous meeting held on 24.12.2020:

Action Taken Report w.r.t. previous meeting held on 24.12.2020 was briefed.

It was informed that Out of 6 Projects of Delhi Jal Board, Tree cutting permission has been granted in respect of 5 projects. In respect of remaining one project i.e. rehabilitation of STPs at Kondli, Forest Department has found the identified sites for proposed compensatory plantation/ transplantation unsuitable and DJB has been asked to submit revised proposal which is awaited. Member (Drainage), DJB informed that the Rehabilitation of STPs at Kondli is to be started in October, 2021 and they have requested DDA vide letter 11.01.2021 to give consent for plantation of additional trees on their land.

Chief Secretary directed DJB to explore the space/land available with DDA and submit the revised proposal to forest department within 10 days clearly indicating about the availability of Land for compensatory plantation/transplantation.
(Action by : Delhi Jal Board)

Regarding expediting the collection and treatment of septage from the unsewered areas it was informed that the matter is in progress and some of the DMs have started taking action against the violators. Chief Secretary directed that DMs need to take more initiative in this regard.

It was informed that DO letter was issued by Wetland Authority for Delhi to DDA for nodal officer. Representative of DDA Sh. Ravikant, Chief Engineer informed that Sh. Ravinder Kumar is the nodal officer from DDA for the matters related to Wetland Authority for Delhi.

It was informed that Action Plan regarding use of treated water from STPs is yet to be submitted by Municipal Corporations / Local Bodies / DDA / PWD etc. to DJB. Chief Engineer, EDMC informed that they are taking treated STP water and using the same in their parks.

Various Action Points /Projects related to control of pollution in river Yamuna were reviewed and given below :

2. Sewage Management – STPs , Septage and Drains

A. Sewage Treatment

It was informed that gap between capacity and treatment of sewage is 62 MGD (10.3 % Gap), gap between sewage generation & installed capacity is 123 MGD (17 % Gap) and gap between sewage generation & treatment is 185 MGD (25.7 % Gap). Deadline for 4 proposed projects [New 70 MGD Coronation Pillar STP, New 124 MGD Okhla STP, 45 MGD STPs at Kondli Ph-I, II & III (under rehabilitation) and 40 MGD STP at Rithala Ph-I (under rehabilitation)] is 31.12.2022. Deadline for Interceptor Sewer Project has been extended from 31.12.2020 to 31.03.2021.

Chief Secretary inquired about the change in estimated quantum of sewage generation due to increase in population of Delhi. It was informed by Member Drainage, DJB that presently DJB is supplying 935 MGD of water in Delhi and estimated quantum of sewage generation is 744 MGD. It was informed that STPs at Narela, Ghitorni & Rohini are underutilized due to less sewage generation and lesser population in the area. It was also informed that after completion of the proposed projects, total capacity will be 707 MGD by December, 2022 and STPs are capable to handle 5% overload (5% above the designed capacity of STPs).

Chief Secretary directed DJB to compare the data regarding estimation of quantum of sewage generation, capacity of STPs and treatment with the 4-5 Mega/Metropolitan Cities in India.

(Action by : Delhi Jal Board)

B. STPs: Non Compliance of Prescribed Standards

It was informed that out of 35 operational STPs, 8 STPs are designed for new Prescribed Standards of BOD/TSS : 10/10 mg/l. Rest of STPs are designed for Standards of BOD/TSS : 30/50 mg/l, 20/30 mg/l etc. 12 STPs are being upgraded for new Prescribed Standards of BOD/TSS : 10/10 mg/l. Upgradation of 16 STPs are also proposed for which budget is being sought from the Govt.

Out of 35 existing operational STPs, 11 STPs were found complying with prescribed standards of BOD/TSS : 10/10 mg/l by DPCC , 22 STPs were found not complying with prescribed standards in the month of December, 2020 and in case of 2 STPs at Ghitorni and Okhla Ph-III samples could not be taken.

Member Drainage, DJB informed that they are able to meet the designed standards in respect of old STPs however, taking action so as to improve the performance of STP by aeration in the Primary Settling Tanks and other measures. It was also informed that for rehabilitation of 12 STPs contracts have already been given and timeline for completion of the work is 31.12.2022. Estimated cost for rehabilitation of remaining 16 STPs is 2721 Crores for which budget is being sought from the Govt.

Chief Secretary directed DJB to compare the performance of STPs in Delhi w.r.t. prescribed standards with the 4-5 Mega/Metropolitan Cities in India.
(Action by : Delhi Jal Board)

C. Trapping of Major Drains

It was informed that 5 out of 18 major drains out falling into river Yamuna are not trapped fully. Two major drains (i.e. Najafgarh and Shahadra) are included in Interceptor Sewer Project and timeline for completion of the project has now been extended from 31.12.2020 to 31.03.2021. In case of remaining 3 drains it was informed that individual STPs are proposed at the mouth of Mori Gate and Barapullah drains however land is yet to be allotted by DDA. Third drain i.e. Maharani Bagh drain it is partially trapped (9-10 MLD) in C.V Raman Marg Trunk Sewer. Target to trap remaining 15 MLD of flow from this drain in the Batla House Sewerage System is 30.04.2022.

Chief Secretary directed DJB to make extra efforts by deploying additional staff by the contractor and ensuring timely completion of the Interceptor Sewer Project in the revised timeline of March, 2021 and trapping of remaining 15 MLD from Maharani Bagh drain by 30.04.2022. DDA to take urgent action for allotment of land at the mouth of Mori Gate and Barapullah drains.

(Action by : Delhi Jal Board)

D. Rehabilitation & Up-gradation of 16 STPs

It was informed that Upgradation of 16 STPs (348 MGD) for new Prescribed Standards of BOD/TSS: 10/10 mg/l are also proposed. Estimated cost for rehabilitation of these 16 STPs is 2721 Crores for which budget is being sought from the Govt. Consultancy have been awarded in respect of 4 STPs and timeline for completion is 3-4 Years after availability of funds.

E. Progress in New Construction Projects of STPs

It was informed that construction of new STPs are in progress at Coronation Pillar (70 MGD Capacity) and Okhla (124 MGD Capacity). Revised timeline for completion of Coronation Pillar STP is June, 2021 and Okhla STP by December, 2022.

Chief Secretary directed that atleast 50% of the capacity of STP at Coronation Pillar be made operation and utilized by 31.03.2021 and 100% by June, 2021.
(Action by : Delhi Jal Board)

F. 56 Decentralized Sewage Treatment Plants (DSTPs)

It was informed that Joint Inspection of sites for DSTPs has been carried out by a team of Nodal officers of DJB, DDA & Revenue Deptt. After the inspection, DJB has requested DDA to provide land at 39 sites for construction of 32 DSTPs & 7 SPS however land is yet to be allotted by DDA. After discussion Chief Secretary directed that DDA to expedite the matter and Revenue Deptt., GNCTD to also look into the matter and expedite for allotment of Gram Sabha land for construction of DSTPs after checking the list.

G. Sewerage Network in Unsewered Areas

It was informed that out of 1799 unauthorised colonies, sewer line laid and notified in 561 colonies, work of sewer network in progress in 595 colonies, in 131 colonies NOC is awaited/ located in O Zone and in 512 colonies sewerage network is to be laid along with 56 Decentralized Sewage Treatment Plants. It was also informed that there is hardly any progress in the month of December, 2020 and January, 2021.

Chief Secretary directed DJB to submit schedule (month wise timelines) for completion of the work of providing sewerage network in unsewered/unauthorised colonies so that monitoring could be done.

(Action by : Delhi Jal Board)

H. Faecal Sludge Management

It was informed that collection and treatment of septage from the unsewered areas / house holds through Authorised Tankers is in progress however and some of the DMs have started taking action against the violators. Action Taken Report against violators by concerned DMs / Municipal Corporations is awaited.

Chief Secretary directed that District Magistrates to expedite action against the violators (Detection of illegal Tankers carrying septage and action against the Unauthorised Tanker owners found discharging septage into Drains/ Land) and perform their duties as per the provisions of "Delhi Water Board Septage Management Regulations 2018" notified by Urban Development Department, Govt. of NCT of Delhi on 12.11.2018. Action Taken by DMs shall be reviewed on weekly basis and detailed Action Taken Report of District Magistrates (DM wise) regarding action taken against the violators shall be provided by the Nodal DM (DC-HQ) to the Urban Development Department, GNCTD & DPCC on monthly basis.

[Action by :Revenue Department(DMs)]

I. In-situ Bioremediation/ Phytoremediation of Sewage in Drains

It was informed that Integrated Drain Management Cell (IDMC) has been constituted vide order dated 17.03.2020 for remediation and management of all drains of Delhi, Regular meetings of IDMC are held. EDMC & DCB have submitted their action plan and started implementation. NDMC is doing the bioremediation of Kushak Nala. SDMC and North DMC have asked IIT Delhi for pilot projects for some of their drains. I&FCD and DSIIDC have given study to CSIR NEERI for exploring possibilities of Bioremediation/ Phytoremediation of drains.

Representative of SDMC (Chief Engineer) informed that they have given study to IIT Delhi for Bio-remediation/ Phyto-remediation of Pushp Vihar drain (1.9 Km length) & estimated cost of the project is 2.14 Crores and the work will be starting in April, 2021. Representative of North DMC (Chief Engineer) informed that they have also given study to IIT Delhi for Bio- remediation/ Phyto-remediation of Qudesia Naala and the work is expected to be started by March, 2021. Representative of IFCD (Chief Engineer) informed that based on the earlier study reports of Consultants, Bio- remediation/ Phyto-remediation was not found feasible in the drains of IFCD (due to large drains/ more discharge, space constraint etc). IFCD has now given the study to NEERI for exploring the possibility of Bio- remediation/ Phyto-remediation in its drains. Representative of DSIIDC (Chief Engineer) informed that drain width of DSIIDC drains are less therefore Bio- remediation/ Phyto-remediation seems to be not feasible however, they have given study to NEERI for exploring the possibility of Bio- remediation/ Phyto-remediation in its drains. Representative of NEERI (Dr. Raman Sharma) informed that survey is to be done by NEERI thereafter report shall be submitted to DSIIDC.

Chief Secretary directed all the drain owning agencies to expedite the matter regarding preparation of action plan and execution of the work at the earliest. SDMC and North DMC to start the Bio-remediation/ Phyto-remediation of the identified drains by 15.03.2021.

(Action by : All Drain Owning Agencies)

3. Rejuvenation of Water Bodies

It was informed that receipt of brief documents on water bodies are awaited from DDA (774), Revenue Department (132), CPWD (4), North DMC (2), Delhi Wakf Board (1), DJB (6), DUSIB (1) and PWD (1). Representative of DDA Sh. Ravikant, Chief Engineer, present in the meeting informed that Sh. Ravinder Kumar is the nodal officer from DDA for the matters related to Wetland Authority for Delhi.

Chief Secretary directed to expedite the matter and submit the required documents to Wetland Authority for Delhi.

(Action by : Land Owning Agencies Having Water Bodies)

4. Protection of Flood Plain of River Yamuna and Prevention of Encroachment (DDA)

It was informed that Demarcation of 1 in 25 years Flood Plains & Fixing up of Bollards and Fencing have been done. 125 Security guards engaged by DDA to stop illegal dumping. 81 CCTV cameras out of total 96 have been installed. 15 CCTV Cameras are to be installed at remaining locations. Out of 1026 Jhuggies/Chappar (Okhla, khijrabad & Jogabai) 600 have been removed by DDA. Rest of 426 Jhuggies/ Chappar are to be removed. Forest Department has planted 218 ha of land (2,67,523 tree saplings) on the 218 hectare of land handed over by DDA to Forest Deptt on the floodplains of river Yamuna.

Chief Secretary directed DDA to install remaining 15 CCTV cameras by 31.03.2021 and remove 426 Jhuggies/ Chappar by 31.03.2021.

(Action by :Delhi Development Authority)

5. Common Effluent Treatment Plants

A. Status of CETPs

It was informed that total installed capacity of all the 13 existing CETPs is 212.3 MLD. 52.78 MLD (24.8 % utilization) of waste water was treated in the month of December, 2020 by 13 CETPs. CETPs are under utilized since these were overdesigned and number of water polluting industries (Stainless Steel Pickling, Dyeing etc.) have been closed in the industrial areas. Online Monitoring System (OLMS) have been installed in all 13 CETPs and these are connected to the servers of CPCB and DPCC. Calibration of OLMS is being carried out by DPCC on quarterly basis. DPCC carries out monitoring of all the 13 CETPs on monthly basis and results are communicated to CETP Societies/ Operator of CETPs for taking rectification measures to meet the prescribed standards. Analysis reports are also placed on the website of DPCC.

B. CSIR NEERI Study – CETPs

It was informed that DSIIDC has engaged CSIR-NEERI vide letter dated 05.11.2019 for providing consultancy w.r.t various issues related to 13 CETPs including up gradation, retro fitting of CETPs and Management of hazardous sludge. Representative of NEERI (Dr. Raman Sharma) informed that the study was started last year and study in respect of Mangolpuri, Mayapuri and Naraina CETP is expected to be completed by 30.06.2021. Representative of DSIIDC (Chief Engineer) informed that in case of Wazirpur CETP, they have requested DJB to permit them to join the drain flowing through the Wazirpur Industrial Area to the conveyance/ sewerage system of the Wazirpur Industrial Area so that the waste water of the drain can be treated in the Wazirpur CETP.

Chief Secretary directed DSIIDC to ensure that there is no discharge of untreated or treated effluent into the open drains/storm water drains of the industrial areas and provide statistics regarding total quantum of effluent generation/ discharge from the various industrial areas in Delhi to DPCC.

NEERI to complete the studies of CETPs by 31.03.2021 and DJB to facilitate DSIIDC for joining the drain in Wazirpur Industrial Area with the conveyance system of the Wazirpur Industrial Area for treatment of the wastewater in the Wazirpur CETP.
(Action by :DSIIDC / NEERI / DJB)

6. Utilisation of Treated Wastewater

It was informed that Action Plan for use of treated wastewater from STPs has been prepared by DJB and submitted to CPCB in compliance of Hon'ble NGT Orders in OA No. 148/2016. Out of 535 MGD of treated wastewater from STPs, only about 90 MGD is utilized for various purposes (Horticulture, Irrigation, DTC Depot etc.). All DMCs / PWD / DDA etc. are yet to submit their action plan on utilisation of treated water to DJB.

It was informed by DJB that treated water from STPs is available free of cost at the various STPs. As per the orders of the Hon'ble NGT, treated water from STPs is to be used in the parks of various Departments within 5 Km of the STPs.

Chief Secretary directed that time bound Action Plan for use of treated water from STPs (upto the maximum extent possible) shall be submitted by the concerned Departments / Authorities (Municipal Corporations / Local Bodies / DDA / PWD/ DSIIDC /DJB etc.) to DJB by 12th Feb, 2021. Concerned District Magistrates to also take necessary action for closure/ sealing of the borewells in the parks etc. used for horticulture purpose.

(Action by : DMCs/ Local Bodies / DDA / PWD/ DSIIDC /DJB etc. & DMs)

All the concerned Departments / Authorities shall take necessary action for completion of their Projects / Action Points within the timeline as mentioned in the Action Plan for Rejuvenation of River Yamuna in Delhi, submitted to CPCB and provide updated Information & Monthly Progress Report in the Revised Format of NMCG by 10th of every month.

Meeting ended with a vote of thanks to the Chair.