



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 / O.A. 21 (Ashwani Yadav) / 2023/ 5021 - 5050

Dated: 21-08-2023

Subject: Minutes of 6th Meeting of the High Level Committee (HLC) held on 10.08.2023.

Please find enclosed herewith Minutes of Sixth Meeting of the High Level Committee (HLC) constituted by the Hon'ble National Green Tribunal vide order dated 09.01.2023 in OA No. 21/2023 in the matter of "Ashwani Yadav Vs. Govt. of NCT of Delhi" held on **10.08.2023 at 04:00 PM** in the conference room of Chief Secretary, GNCTD Delhi for urgent necessary action as mentioned in the said minutes.

Yours Sincerely


(D.K. Singh)

SEE (WMC-II)

Enclosure: As Above

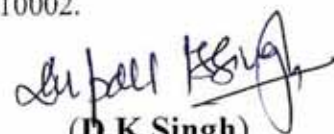
To,

1. Secretary, Ministry of Jal Shakti, Govt. of India, Shram Shakti Bhawan, New Delhi-110001.
2. Secretary, Ministry of Environment & Forest and Climate Change, Govt. of India, Indira Paryvaran Bhawan, Jorbagh Road, New Delhi -110003.
3. Secretary, Ministry of Agriculture, Govt. of India, Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi- 01.
4. Secretary, Ministry of Housing and Urban Affairs, Nirman Bhawan, Maulana Azad Road, Delhi-110011
5. Director General (Forest), Ministry of Environment & Forest and Climate Change, Govt India, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110003.
6. Director General, National Mission for Clean Ganga, 1st Floor, Major Dhyan Chand, National Stadium, India Gate, New Delhi, Delhi 110002.
7. Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi -32
8. Additional Chief Secretary (Industries), Industries Department, Govt. of NCT of Delhi. 419, Udyog Sadan, FIE Patparganj, Delhi-92.
9. Vice Chairman, Delhi Development Authority, Vikas Sadan, INA, Delhi-110023.
10. Director General, Central Public Works Department, A-Wing, Room No. 101, Nirman Bhawan, Delhi -11
11. Pr. Secretary (Revenue) cum Divisional Commissioner, 5 Sham Nath Marg, Delhi-54.
12. Chairman, Delhi Pollution Control Committee. 5th level, Delhi Secretariat, I.P. Estate, Delhi - 02.
13. Principal Secretary (Environment & Forest), 6th Floor, Delhi Secretariat, I.P. Estate, Delhi - 02.
14. Pr. Secretary, Finance Department, GNCTD, 4th level, Delhi Secretariat, I.P. Estate, Delhi - 02.
15. Pr. Secretary Cum Development Commissioner, Development Department, Govt. of NCT of Delhi, 5/9, Under Hill Road, Delhi-11005.
16. Pr. Secretary (PWD), MSO Building (PWD Headquarters), ITO, I.P. Estate, Delhi - 110002
17. Pr. Secretary, Irrigation & Flood Control Deptt. GNCTD, L.M. Bundh, Shastri Nagar, Delhi-31.

18. Commissioner, Municipal Corporation of Delhi, 9th Floor, Dr.S.P.M Civic Center, JLN Marg, Delhi-02.
19. Secretary, Urban Development Department, GNCTD, 9th Level, Delhi Secretariat Delhi -02.
20. Chief Executive Officer, Delhi Jal Board, Varunalaya Ph-II, Jhandewalan, Delhi-110005.
21. Chief Executive Officer, Delhi Urban Shelter Improvement Board, Punarwas Bhawan, I.P. Estate, New Delhi – 110002.
22. Managing Director, Delhi State Industrial & Infrastructure Development Corporation Ltd. N-36, Bombay Life Building, Connaught Circus, New Delhi – 110001
23. Principal Chief Conservator of Forest, Forest Department, GNCTD, Vikas Bhawan, IP Estate, Delhi 110002.
24. Member Secretary, Wetland Authority of Delhi, 6th Floor, Delhi Secretariat, I.P.Estate, Delhi – 02.
25. District Magistrate (South West District)

Copy to:

1. Pr. Secretary to Hon'ble Lt. Governor, Govt. of NCT of Delhi, Raj Niwas, Delhi -110054
2. Additional Secretary to Chief Minister, GNCTD, 3th Level, Delhi Secretariat, Delhi – 110002.
3. Secretary to Hon'ble Minister (Environment & Forests), 7th Level, Delhi Secretariat Delhi -02.
4. Special Secy (Env.) Cum Member Secy. DPCC
5. Staff Officer to Chief Secretary, GNCTD, 5th Level, Delhi Secretariat, Delhi – 110002.


(D.K Singh)
 SEE (WMC-II)

Minutes of the Sixth Meeting of the High Level Committee (HLC) constituted by the Hon'ble National Green Tribunal vide order dated 09.01.2023 in OA.No. 21/2023 in the matter of "Ashwani Yadav Vs. Govt. of NCT of Delhi" (Now OA No. 06/2012 "Nizamuddin West Association Vs Uol") held in the Conference Room of Chief Secy, GNCTD, 5th Level, Delhi Secretariat 10.08.2023 at 04:00PM.

The meeting was attended by the members of HLC, Chief Secretary, and Secretaries/ HODs of various Ministries / Organizations / Departments. List of attendees is at Annexure - "A".

Spl. Secy (Env) cum Member Secretary, DPCC presented before the Committee the status of various projects & action points of the "Action Plan for Rejuvenation of River Yamuna" and order dated 27.01.2023 issued by the Chief Secy, GNCTD and progress made since previous meeting of the HLC on 09.06.2023. It was informed that the NGT Case OA No. 21/2023 in the matter of "Ashwani Yadav Vs. Govt. of NCT of Delhi" *has been disposed off and the matter related to control of pollution in river Yamuna in Delhi is to be dealt in another NGT Case OA No. 06/2012 (Nizamuddin West Association Vs Union of India & Ors). The latest order dated 05.07.2023 of Hon'ble NGT in the said matter was also informed to the HLC.*

After deliberations and detailed discussions on the various issues including following main eight action points of the "Action Plan for Rejuvenation of River Yamuna" decisions were taken and given as follows:

1. 100 % Treatment of sewage
2. Trapping of all drains
3. Sewerage network in unauthorised colonies and JJ Clusters
4. Industrial effluent management by CETPs
5. Faecal sludge (septage) management
6. Regulation of floodplain
7. Utilization of treated wastewater
8. Other Issues like deployment of Territorial Army, development of E-pragati Dashboard for monitoring of the progress, IEC action plan, Najafgarh Jheel (Environmental Management Plan) etc.

Overview of projects completed under Action Plan against the targets having timelines of 31st August, 2023 is as follows:

1. Out of 76 sub-drains, 47 sub drains out falling into Najafgarh Drain (21) and Supplementary Drain (26) have been trapped against the target of 51.
2. Out of 573 unauthorized colonies, where laying of sewerage Network work is under progress, in 229 unauthorized colonies work has been completed against the target of 271.
3. Out of 200 km, 59.176 km desilting of trunk/peripheral sewer has been completed against the target of 94.93 km.
4. Out of 529.5 km, desilting of Sewer lines below 1000 mm, 94.4 km has been completed.
5. Out of 81 JJ clusters 20 JJ clusters have been connected to sewer network against the target of 16 JJ Clusters by June, 2023.
6. Projects of Pappan kalan (20 MGD), Nilothi (20 MGD) and Najafgarh (5 MGD) lakes for utilization of treated wastewater from STPs have been completed and commissioned.

Lagging Action points behind the timelines are as follows:

1. Construction of New 124 MGD STP at Okhla (Timeline was June, 2023 & Revised Timeline is December, 2023)
2. Rehabilitation of 25 MGD Kondli Phase II STP and 40 MGD Rithala Phase I STP (Timeline was June, 2023 & Revised Timeline is Sept, 2023)
3. Up gradation of 40 MGD Rithala Phase-II STP (Timeline was March, 2023 & Revised Timeline is August, 2023)
4. Allotment of Land to DJB by DDA (8 Parcels) and Revenue Department (4 Parcels) for the Decentralized Sewage Treatment Plant (DSTPs).
5. Desilting of Trunk / Peripheral sewer (59.176 km has been completed against the target of 94.93 km by June, 2023).
6. Providing Sewerage Network in Unauthorised Colonies.
7. Connection of Drains/ Drainage system of JJ Clusters with sewerage network.
8. Performance Audit by DJB of 11 trapped major drains and sub-drains through an independent agency(Timeline–February,2023, work awarded to WAPCOS however put on hold due to monsoon)
9. Project at Smriti Van [10 MGD, Timeline – March, 2023 & Revised Timeline – October, 2023] and NTPC Eco Park [5 MGD, Timeline – July, 2023 & Revised Timeline – December, 2023]for Utilization of Treated STP water.
10. Restoration & Rejuvenation of Flood Plains at Qudsia Ghat, Amrut Biodiversity Park (Part A& B) & Asita East (Part B), Yamuna Vanasthali and Kalindi Aviral (Part B) and removal of encroachment.

1. 100 Percent Treatment of Sewage

1.1. Sewage Management in Delhi:Present scenario:

- Estimated Sewage Generation:**792 MGD** (80 % of 990 MGD Water Supply)
- Installed Treatment Capacity of : **632 MGD** (79.8% of Estimated Sewage Generation)operational STPs
- Capacity Utilization of existing STP:**547 MGD** (86.5 % of installed capacity)
- Gap in Capacity :**160 MGD** (20.2%)
- Gap in Treatment : **245 MGD** (30.9%)

Member Drainage, DJB informed that due to upgradation works, STPs are partially closed and thus Capacity Utilization of existing STP is 547 MGD only.

1.2. Focus Areas for Enhancing Sewage Treatment Capacity (332.5 MGD)

- Construction of new STPs at Okhla, Delhi Gate and Sonia Vihar (3): 47 MGD.
- Construction of 40 new DSTPs: 92 MGD.
- Rehabilitation of existing STPs (3): 70 MGD.
- Up-gradation and increasing capacity of existing STPs (18) : 123.5 MGD

1.3. Future Scenario:

(After construction of New STPs/ DSTPs, Rehabilitation/ Up-gradation of Existing STPs & other projects of DJB)

- Total Treatment Capacity **by Sept., 2023: 697 MGD** (88 % of Estimated Sewage Generation)
- Total Treatment Capacity **by Dec., 2023: 814 MGD** (103 % of Estimated Sewage Generation)
- Total Treatment Capacity **by June,2024: 964.5 MGD** (122% of Estimated Sewage Generation)

1.4 Water Quality Monitoring Results

The Committee took notice of the water quality of Najafgarh Drain & River Yamuna and observed that BOD, COD and Faecal Coliform in Najafgarh Drain, ISBT (After meeting Najafgarh Drain) and Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad Drains) has improved significantly in the months of January, 2023 to July, 2023 in comparison to corresponding months of January, 2022 to July, 2022 as given in following table.

Water Quality of Najafgarh Drain and River Yamuna at ISBT & Asgarpur (D/s of Okhla Barrage) (BOD in mg/l)

Location	Jan, 2022	Jan, 2023	Feb, 2022	Feb, 2023	March, 2022	March, 2023	April, 2022	April, 2023	May, 2022	May, 2023	June, 2022	June, 2023	July, 2022	July, 2023
Najafgarh Drain (Before Outfall into Yamuna)	80	53	85	55	75	58	80	60	76	48	70	50	73	46
ISBT (After meeting Najafgarh Drain)	42	38	45	40	48	44	50	48	55	38	68	42	66	38
Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad Drains)	60	56	65	52	70	54	75	58	80	48	75	58	76	40

Water Quality of Najafgarh Drain and River Yamuna at ISBT & Asgarpur (D/s of Okhla Barrage) (COD in mg/l)

Location	Jan, 2022	Jan, 2023	Feb, 2022	Feb, 2023	Mar, 2022	Mar, 2023	April, 2022	April, 2023	May, 2022	May, 2023	June, 2022	June, 2023	July, 2022	July, 2023
Najafgarh Drain (Before Outfall into Yamuna)	304	272	320	288	336	293	352	272	320	224	346	213	373	192
ISBT (After meeting Najafgarh Drain)	208	208	224	272	240	272	256	256	272	240	88	224	304	208
Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad Drains)	192	186	224	176	232	181	240	192	256	186	266	181	240	152

Water Quality of River Yamuna at ISBT & Asgarpur (D/s of Okhla Barrage) [Faecal Coliform in Lakh MPN/100ml]

Location	Jan, 2022	Jan, 2023	Feb, 2022	Feb, 2023	Mar, 2022	Mar, 2023	April, 2022	April, 2023	May, 2022	May, 2023	June, 2022	June, 2023	July, 2022	July, 2023
ISBT (After meeting Najafgarh Drain)	2.1	1	107	0.1	3.1	0.2	2.6	0.25	2.7	0.2	2.5	0.22	1.7	0.17
Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad Drains)	8.4	2	7.9	2.5	8.4	4.3	6.1	4.7	8.1	4	8.3	4.30	8.1	3.20

Member Secretary, DPCC informed that though there is improvement in the water quality of river Yamuna however it is far from desirable water quality i.e. Dissolved Oxygen ≥ 5 mg / l, BOD ≤ 03 mg / l, and Faecal Coliform ≤ 2500 MPN / 100ml. Director NMCG observed that water quality of Najafgarh Drain has improved however for further improving water quality of river Yamuna on going projects of STPs of DJB needs to be expedited. Higher values of Faecal Coliform in River Yamuna is due to discharge of untreated sewage.

1.5 Monitoring of STPs

Member Secretary, DPCC informed that there are 35 STPs of Delhi Jal Board operating in Delhi out of which 33 are complying w.r.t design Parameters of BOD: TSS (30:50 / 20:30 / 15:20 / 10:15 mg/l). 13 out of 35 are meeting the prescribed standards of BOD:TSS (10:10 mg/l).

1.6 Progress in Construction of 03 New STPs [Okhla, Sonia Vihar & Delhi Gate]

Committee was informed about the progress made in construction of 03 new STPs i.e., Okhla, Sonia Vihar & Delhi Gate. The progress between 6th June, 2023 to 03rd August, 2023 is as given below:

- | | |
|--|---|
| (i) Okhla (124 MGD Capacity, Capacity Addition- 30 MGD): | Total Progress-91.8%(2.8% in above period) |
| (ii) Sonia Vihar (07 MGD Capacity) | : Total Progress- 62.74% (11.94% in above period) |
| (iii) Delhi Gate STP (10 MGD) | : Land to be provided to DJB by MoHUA / DDA |

Member Drainage, DJB informed that MoHUA vide letter dated 20.07.2023 has requested DJB to remove unauthorized structure from the proposed land/plan.

Member Drainage, DJB informed that there is issue of release of funds [Additional cost of about Rs. 300 Crores due to difference in cost estimated in 2017 (about Rs. 665 Crores) and awarded in 2019 (about Rs. 998 Crores)] from NMCG for Okhla STP. Due to non-availability of funds there is delay in payment / completion of the project. It was informed that DJB is pursuing the matter with NMCG for providing additional required funds.

Director, NMCG informed that said amount asked by DJB was in excess of the sanctioned amount by NMCG for the Okhla STP for which prior approval was required however not taken by DJB. It was further informed that NMCG can give additional amount upto 50 Crores only for the Okhla STP and DJB is required to arrange remaining funds.

Pr. Secretary (Finance), GNCTD suggested that projects which are completed 80 % or more should be taken up on priority for funding by Delhi Govt and DJB to take up the issue with Finance Department of Govt. of NCT of Delhi.

Pr. Secretary (Environment) told that work should not have halted due to payment issues and DJB should look into the matter.

Chief Secretary directed DJB that projects should not be slowed down due to payment issues and DJB to take up the matter with Finance Department, GNCTD and NMCG for arranging the required funds to complete the 124 MGD Okhla STP at the earliest.

Regarding land for 10 MGD Delhi Gate STP, DJB shall take up the matter with DM (Central) for removal of structure / encroachment and try to find a feasible solution.

1.7 Land Allotment Issues for DSTPs/ SPS

In respect of 40 DSTPs there were land allotment issues in case of 29 DSTPs / SPS. Land allotment issues resolved in respect of 17 cases and now only in 12 cases land is to be allotted by DDA (8 Parcel of land) & Revenue Department (4 Parcel of land).

In respect of 05 DSTPs [Rangpuri, Chattarpur Extn, Maidan Garhi (Rajpur Khurd), Site adjoining to Maharishi Balmiki Hospital and Vijay Colony near Bawana Chowk] land is to be handed over by DDA to DJB. Representative of DDA informed that the matter is under process and status will be provided soon.

In respect of 02 DSTPs [Salahpur Khera, Shahbad Mohammadpur], DJB is to develop water body along with construction of DSTPs. Representative of DDA informed that the matter is under process. Land at Mohamadpur Majri has not been handed over by DDA to DJB since encroachment is yet to be removed from the site. It was also informed that there is some stay granted by court against the removal of encroachment.

In case of 2 DSTPs (Tajpur Khurd & TikriKalan) land identified belongs to Private Parties and they have gone to Hon'ble High Court against land acquisition. District Magistrate (South West) informed that the matter is being pursued and now next date of hearing before the High Court is 28th August, 2023. MD, DSIIDC informed that DSIIDC has land in Tikri Kalan area which can be provided to DJB for DSTP.

Regarding proposed DSTP at Naya Bans of 20 MLD capacity, it was informed by representatives of DJB that it is important DSTP for the area however out of 13,000 Sqm required land, only 1900 Sqm land has been allotted by Revenue Department. Director NMCG informed that they are going for a Pilot Project of 10 MLD Capacity with a new technology requiring very less land (50 sqm / MLD which is 1/8th of required land of 400 sqm / MLD in present proposed treatment system by DJB)

Following directions were given by the Chief Secretary :

- (i) **DDA to resolve the land allotment / handing over issues by holding a meeting with concerned officers of Delhi Jal Board urgently and provide status in this regard to HLC.**
- (ii) **DJB to pursue the Land Allotment / Handing over issues with DDA & Revenue Department and also look for alternative land where ever possible including land available with DSIIDC in TikriKalan area.**
- (iii) **DJB to request DG NMCG for doing the proposed pilot project at Nayabans (with 20 MLD capacity) instead of some other site selected by NMCG.**
- (iv) **DM (South West) to pursue the matter before the High Court for early disposal of the cases and allotment of the land for DSTPs.**

1.8 Progress in Rehabilitation of Existing 3 STPs [Kondli Phase-II, Rithala Phase- I & Yamuna Vihar Phase-II]

Committee was informed about the progress in respect of rehabilitation of existing 3 STPs[Kondli Phase-II (25 MGD), Rithala Phase-I (40 MGD) and Yamuna Vihar Phase-II (from 10-15 MGD) between 06th June, 2023 to 03rd August, 2023as given below :

- (i) Kondli Phase-II (25 MGD) : Total Progress – 94.84% (1.34 % in above period)
[Timeline–June, 2023, Revised Timeline–Sept, 2023]
- (ii) Rithala Phase-I (40 MGD) : Total Progress – 90.32 % (1.22 % in above period)
[Timeline–June, 2023, Revised Timeline–Sept, 2023]
- (iii) Yamuna Vihar Phase-II (from 10 to 15 MGD) : Total Progress – 70% (18 % in above period)
[Timeline– Sept, 2023]

Member Drainage, DJB informed that Kondli Phase-II (25 MGD) is now 95% complete and complying the prescribed standards of BOD: TSS (10:10 mg/l). In Rithala Phase-I 30 MGD is being treated. It was also informed that DJB will meet the revised timelines of Sept, 2023 in respect of above 3 STPs.

Chief Secretary, directed DJB to adhere to the revised timelines of Sept, 2023 for completion of the Rehabilitation of above mentioned 3 STPs and take up/ pursue the matter with Finance Department, GNCTD regarding funding issues at the earliest.

1.9 Progress of up-gradation of existing 18 STPs

Progress in respect of up-gradation of existing 18 STPs was briefed to the Committee. It was informed that in Rithala Phase-II (40 MGD) 08 % progress was made between 06th June, 2023 to 03rd August, 2023(cumulative progress 93 % against the timeline of March, 2023).Member Drainage, DJB informed that treatment of 20 MGD has already started in case of Rithala Phase-I STP and meeting BOD/TSS:10 mg/l /12 mg/l. Some civil work (Disc Filter etc)is going on at the site and project will be completed within next week.

In Kondli Phase-IV (45 MGD) 4.04 % progress was made between 06th June, 2023 to 03rd August, 2023(cumulative progress 50.5%) and timelines for completion is October, 2023.

In case of 9 projects, work is in progress with 18-19% work completed and the timeline for completion of these projects is December, 2023. Four cases have been put on hold due to scarcity of funds. In these 04 cases timeline is January, 2024. In 02 cases, files are under process for financial concurrence and in one case file is under process for administrative approval of estimate.

Chief Secretary, directed DJB to expedite the tendering & award of work and NHAI model may be adopted. DJB shall adhere to the timelines for completion of up-gradation of existing 18 STPs.

1.10 Progress of De-silting of Trunk / Peripheral Sewer Lines (Approx. 200 km)

The progress of de-silting of Trunk/ Peripheral sewer lines (approximate 200 km) was briefed to the Committee. Out of 200 km, 59.176 km sewer line has been de-silted against the target of 94.93 km by June, 2023. Member Drainage, DJB informed that desilting work of Trunk / Peripheral Sewer Lines delayed due to rains and will be completed by December, 2023. It was also informed that desilting work of sewer line below 1000 mm dia (Approx. 529.5 Km) has also been taken up by DJB and 94.4 Km of sewer line has been de-silted.

Pr. Secy (Finance), GNCTD suggested that DJB should look into the practice / model adopted by other states e.g West Bengal for regular De-silting of Sewer Lines.

Chief Secretary directed DJB to expedite the work of De-silting of Trunk / Peripheral Sewer Lines & sewer line below 1000 mm diameter and consider the good practices / models adopted by West Bengal / other states for regular De-silting of Sewer Lines.

1.11 Interconnections between storm water drains and sewerage system (both way)

There are no of locations where there is Interconnections between storm water drains and sewerage system (both way) and as decided in the previous meeting this issue has been taken up as a new action point of "sewerage system and storm water drainage faulty interconnections".

Representative of MCD informed that MCD has carried out survey of 309 drains and has taken necessary action for plugging / closing such points of storm water drains joining / connected with the Sewerage System of DJB. MCD has already disconnected 183 No. of drains and in case of 13 drains action plan has been prepared. It was informed that 52 drains pertain to PWD/ IFCD/ DSIIDC, 5 drains are not traceable and in case of 56 drains it is not feasible to disconnect/ plug these drains since. There are some unauthorized colonies (Taimoor Nagar, Kotla etc) / JJ Clusters) where there is no other option available except connecting Open / Storm Water Drains with the Sewerage System of DJB. In case of one drain near Govind puri, the initial estimated expenditure is about Rs.30 Crores since there is no sewer line in nearby areas.

IFCD & DSIIDC have informed that there is no such drain pertains to them which is connected and discharging waste water into the sewerage system of DJB. Reply / Action Taken Report of PWD is awaited.

Following directions were given by the Chief Secretary :

- (i) MCD to prepare similar scheme / action plan for balance drains in Delhi and take up the issue of funding for drain near Govindpuri with the Urban Development Department, GNCTD.
- (ii) Urban Development Department, GNCTD to look into the matter regarding funding etc. for providing system for storm water in unauthorized colonies / JJ Clusters.
- (iii) DJB to submit list of points / storm water drains still joining/ connected with the Sewerage System of DJB within a week.

- (iv) Drain Owning Agencies to take urgent necessary action for plugging / closing the points of discharge through their stormwater drains into the sewerage system of DJB and submit report along with list of such Points/ Drains to the HLC along with timelines within 10 days.
- (v) All Drain Owning Agencies shall survey and submit a list of points where sewage from DJB's sewerage system is entering the storm water drains within 10 days to HLC

1.12 Prevention of Dumping of Waste from the Bridges across River Yamuna

Member Secretary, DPCC informed that an Action Point has already been added regarding prevention of dumping of waste from the 09 bridges across river Yamuna. It was informed that action taken report is still awaited from Bridge Maintaining Agencies particularly PWD regarding repair of damaged / missing wire meshes over their bridges on river Yamuna.

Following directions were given by the Chief Secretary :

- (i) All the Bridge Maintaining Agencies (PWD / CPWD, NHAI, Northern Railway, etc) shall comply the decisions taken and mentioned in the Minutes of 5th meeting of HLC held on 09.06.2023 and submit their action taken report to the convener of HLC within 10 days.
- (ii) PWD & other Bridge Maintaining Agencies to take urgent necessary action for repair of damaged / missing wire meshes over their bridges on river Yamuna and submit their action taken report to the convener of HLC within 10 days.
- (iii) Revenue Department, GNCTD shall depute 04 Civil Defense Volunteers on each of the Bridges across River Yamuna in Delhi to check and prevent the illegal dumping of Pooja material etc into River Yamuna.

2. Trapping of Drains

Progress in respect of trapping of 3 major drains were discussed and it was informed that in Barapulla and Maharani Bagh drain, 46 % cumulative progress has been made and the revised timeline for completion of the work is December, 2023 (Timeline in the Action Plan was Sept, 2023). In case of Mori gate drain cumulative progress is 24 % and revised timeline for completion of the work is November, 2023 (Timeline in the Action Plan was Sept, 2023).

Member Drainage DJB informed that they require permission / stretch of land at / near Kudsia Ghat from DDA for laying their Rising Main (1000 mm Diameter & 800 meter length) to carry the waste water to Coronation Pillar STP. However representative of DDA informed that project of DDA " Vasudev Ghat" at Kudsia Ghat / Near ISBT Bridge has already been developed & expected to be inaugurated soon and therefore permission to make any cutting / digging in the said developed area can not be granted by DDA to DJB.

Regarding Trapping of partially trapped Sen Nursing Home Drain, it was informed that there is still some marginal flow/ overflow which is due to discharge of sub soil water from the on going construction activity by CPWD around the WHO complex. Complete trapping of the drain is possible after stopping discharge from the construction activity of CPWD.

W.r.t earlier decision taken by HLC in its 5th meeting on 09.06.2023, MCD has informed that work at WHO Complex is still in-progress & underground water is pumped into drains. During the recent floods in Yamuna river w.e.f. 12th & 13th July, 2023, it was fully surcharged as one of its gates operated by IFCD got damaged causing flooding in the area upto ITO/IP Estate. Removal of floating material/ Plastic waste done regularly to clear drain.

Progress of trapping of 76 sub-drains of Najafgarh Drain, Supplementary Drain and Shahdara Drain Outfall was briefed to the Committee. Out of 76 sub-drains, 21 sub drains out falling into Najafgarh Drain and 26 sub drains out falling into Supplementary Drain have been trapped by end of July, 2023. DJB informed that there is delay in trapping of 2 Sub Drains of Shahdara Outfall Drain due to difficult site conditions and nature of work.

Regarding Performance Audit of already trapped 11 major drains and all sub-drains by M/s WAPCOS, it was informed that work has been put on hold due to monsoon (Timeline was February, 2023).

Chief Secretary directed DJB to expedite the work of trapping of Sub Drains & Performance Audit of already trapped drains and explore the possibility of Trenchless Technology for laying of Rising Main near the Kudsia Ghat in consultation with DDA.

3. Sewerage Network in 1799 Unauthorised Colonies & Connection of 639 JJ Clusters with the Sewerage System of DJB

3.1 Sewerage Network in 1799 Unauthorised Colonies

The Progress made in extending sewerage network to 1799 unauthorised colonies was apprised to the Committee. The sewer line has been laid and notified in 747 unauthorised colonies, while work of sewer network is in progress in 573 unauthorised colonies out of which sewer network has been laid in 229 Unauthorised colonies against the target of 271 unauthorised colonies by August, 2023. It was informed that sewer connections have been provided in 654 unauthorised colonies and in balance 93 unauthorised colonies sewer connections will be provided by October, 2023.

In 318 unauthorised colonies, sewer network & DSTPs are to be laid. In 161 unauthorised colonies, NOC is awaited being forest area or the O Zone or ASI land. Pr. Secretary (Env & Forest) informed that a meeting was taken by him in this regard on 05.07.2023. Out of 161 unauthorised colonies where NOC is awaited, 114 pertains to Forest Department however Alignment of these unauthorised colonies and other details are yet to be provided by DJB to Forest Department. DJB has taken up design of sewerage network schemes in 78 unauthorised colonies on forest land. Majority of the unauthorised colonies on Forest Land fall in Sangam Vihar, Chattarpur, Mehrauli areas.

Pr. Secretary (Env & Forest) informed that DJB has submitted Plans in respect of 78 Unauthorised Colonies however in 36 cases required details/documents not provided & Files not received in 11 cases. Where ever possible, Forest Department will give permission / NOC with certain conditions for laying the sewerage network / DSTPs however such permission will not link with regularisation of unauthorised colonies.

In the said meeting on 05.07.2023, representative of ASI informed that ASI has already given permission to DJB in respect of unauthorised colony (The Haven Athene Hospitality Services Pvt. Ltd), Mehrauli. ASI can not grant permission / NOC for laying of sewerage network in unauthorised colony [Sant Mohalla (Chhuria Mohalla)] in Tuglakabad Area since the matter regarding unauthorised encroachment is pending before the High Court of Delhi. Three unauthorised colonies at Shanti Kunj (Vasant Kunj), Ashola Extension and Asola Extension Part – I marked to ASI, do not fall under their jurisdiction.

In the said meeting representatives of DDA informed that one unauthorised colony at New Aruna Nagar Colony (Majnu ka Tila) has been removed by DDA and in respect of remaining 03 unauthorised colonies at Bahagat Singh Park, Extn. Siraspuer Village, Garhi Mandu Village and Old Village Ushmanpur (3rd Pushta Road) they will check and provide their clarification / comments to DJB soon. However comments / clarification is awaited from DDA.

It has been informed by DJB that after exercise by DJB in consultation with GSDL, now there are only 04 Unauthorised Colonies which are not traceable and in case of only 12 Unauthorised Colonies (including Anand Parbat Area) providing sewerage system is not feasible.

Chief Secretary directed DJB to expedite the work of providing sewerage system in unauthorised colonies and other concerned Departments (Forest, DDA & Urban Development etc.) to issue NOC/ grant permission at the earliest. DJB to find out No of people living in Unauthorised Colonies in which providing sewerage system is not feasible so as to provide some other alternative solutions.

3.2 Connection of 639 JJ Clusters with the Sewerage System of DJB

There are 639 JJ Clusters out of which 558 were already connected with the sewerage system of DJB when action plan of HLC was prepared in January, 2023. In case of remaining 81 JJ Clusters, connection with the sewerage system of DJB has been completed in case of 20 JJ Clusters, work is under progress in 2 JJ Clusters and in one case estimate for DSTP has been prepared and under process for approval. In respect of the rest of the 58 JJ Clusters DJB has proposed various measures to be taken for treatment of waste water generated from these JJ Clusters as briefed below :

S. No.	Measures Proposed by DJB / Status	No. of JJ Clusters
1	Drains to be trapped in sewer line (work in progress)	07
2	Drains will be trapped after commission of proposed sewer network in nearby Unauthorised Colonies	18
3	Drains which can be trapped in to sewerage network by installing lift station as per NMCG	02
4	Feasible sites approved by NMCG for which demand has been raised for funds from NMCG	15
5	Trapped in STP through major storm water drain/trapping work are in progress	08
6	Not feasible due to space constraints and multiple outfall etc.	06
7	JJ Cluster does not exist as per NMCG report	01
8	Site does not exist	01
	Total	58

Director NMCG informed that though DJB has requested NMCG for providing funds in respect of projects mentioned in above table however Final DPR is yet to be submitted by DJB to NMCG. Member Drainage, DJB informed that the proposed DSTPs for which NMCG will be funding are very costly [About Rs. 66 Crores for 0.25 MGD, Rs. 23 Crores Capital Cost (to be funded by NMCG) + Rs 43 Crores O & M Cost for certain period (to be borne by DJB)].

Representative of MCD informed that they have also installed DSTPs in some of their parks for the treatment of waste water in nearby drains for utilisation in the treated water in their parks.

Chief Secretary directed DJB to expedite the work of connection of remaining JJ Clusters with the Sewerage System of DJB and other measures as mentioned in above table and submit Final DPR to NMCG at the earliest. DJB will share the locations of JJ Clusters in which it is facing difficulty with MCD for resolving the issue.

4. Industrial Effluent Management

Member Secretary, DPCC informed that out of 13 CETPs, one CETP (Lawrence Road Industrial Area CETP) was not meeting the Prescribed Standards of BOD (36 mg/l against the prescribed standard of 30 mg/l) in June, 2023. DPCC has already issued Show Cause Notice on 27.07.2023 to the concerned CETP Society for imposition of Environmental Compensation of Rupees Five Lakh for not meeting the prescribed standard in the month of June, 2023 and also directed the CETP Society for taking rectification measures.

MD, DSIIDC informed that concerned CETP Society is taking rectification measures to improve the performance of Lawrence Road Industrial Area CETP & work is expected to be completed by Sept, 2023.

Regarding upgradation of CETPs, it was informed that as decided, 11 CETPs being operated & maintained by the CETP Societies will be handed over to DJB for their upgradation and operation & maintenance of these CETPs. Rest of the two CETPs at Narela & Bawana will continue to be operated & maintained by DSIIDC and upgradation of these CETPs will be carried out by DSIIDC by December, 2023 as mentioned in the Action Plan.

CEO, DJB informed that he will look into the matter and take necessary action.

Action taken against Dyeing Industries / Units in Non-Conforming Areas of Delhi:

Member Secretary, DPCC informed regarding constitution of Joint Teams consisting of MCD, DPCC, Revenue Dept., Power Companies, DJB and following action taken against Dyeing Industries / Units in Non-Conforming Areas of Delhi in the period of 28.04.2023 to 06.08.2023 :

- Total No. of Dyeing Industries found during inspection : 203
- Notice issued : 27
- Close down / Sealed / Disconnection of electricity : 98

Chairman, DPCC issued directions on 22.06.2023 to Local Bodies, DDA, DJB & Discoms (BSES/ NDPL) for closure / sealing & disconnection of Electricity and Water Supply of all Dyeing units and Jeans / Denim washing units operating outside the Approved Industrial Areas / Industrial Estates / Redevelopment Areas or operating without mandatory consent of DPCC.

Chief Secretary directed DJB to take urgent necessary action for taking over of 11 CETPs from the CETP Societies in consultation with DSIIDC and Joint Teams to expedite the action against illegal Dyeing Industries / Units in Delhi.

5. Faecal Sludge (Septage) Management

It was informed that with respect to "Delhi Water Board Septage Management Regulations, 2018" for collection, transportation and disposal of waste of septic tanks (Septage), District Magistrates are taking meetings and action against the defaulters. The cumulative action taken by DMs since said notification dated 12.11.2018 was briefed in the presentation.

Regarding amendments in the existing "Delhi Water Board Septage Management Regulations, 2018" it was informed that DJB has approved the Recommendations of the Committee constituted vide order dated 27.01.2023 of Chief Secretary, in its Board meeting held on 04.05.2023. Urban Development Department, GNCTD is to take necessary action for amendments in the above mentioned Regulations.

Member Drainage, DJB informed that they have prepared a scheme for providing incentive to the authorized licensed vehicle owners/drivers for disposal of septage to the designated SPSs/STPs of Delhi Jal Board and the same is under process for the approval of the competent authority. As decided in the 5th meeting of HLC held on 09.06.2023, now Rs. 500/- per trip has been proposed as incentive to the driver of the Tanker / Vehicle carrying septage instead of Rs. 200/- per trip proposed earlier.

Chief Secretary directed DJB to expedite the matter of giving incentive to the driver of the Tanker / Vehicle carrying septage and pursue Urban Development Department, GNCTD for amendments in the existing "Delhi Water Board Septage Management Regulations, 2018".

6. Restoration & Rejuvenation of Flood Plains and Removal of Encroachments Projects of DDA

Status and progress of 10 projects of DDA for restoration & rejuvenation of flood plains of river Yamuna and removal of encroachment was briefed to the Committee. Director (Landscape), DDA informed that projects of DDA and plantation on the Yamuna Flood Plain have been affected due to recent rains / flooding and there is delay in completion of some of the projects. DDA has provided revised timelines for their ongoing / incomplete projects. Pr. Commissioner, DDA informed that DDA has launched a demolition drive to remove the encroachment from the Yamuna Flood Plain.

Chief Secretary directed DDA to expedite their projects and remove the encroachment on the Yamuna Flood Plain at the earliest. DDA to secure Yamuna Flood Plain area from encroachment by providing Fencing, PTZ Night Vision Cameras & Centralised Control Room. In this regard, DDA may consult for design of Kerala Office, CPWD for Border protection & protection system provided at Garhi Mandu.

7. Utilization of Treated Waste Water

It was informed that 90 MGD out of 547 MGD of treated STP water is being used mainly for horticulture; 267 MGD is the mandatory return flow in river Yamuna. 70 MGD Treated STP water at Coronation Pillar is to be treated for which timeline is March, 2024.

DJB has proposed projects for utilization of 120 MGD Treated STP water for development/ rejuvenation of various lakes. Projects of Lakes at Pappan kalan (20 MGD), Niloti (20 MGD) and Najafgarh (5 MGD) have been completed and commissioned. Progress in respect of other projects is as follows:

- Smriti Van/Lake (10 MGD) : 85 % (Timeline–March,2023,Revised Timeline–October,2023)
- NTPC Eco Park (5 MGD) : 25% (Timeline–July, 2023,Revised Timeline– December,2023)
- Rohini Lake No.1 (15 MGD) : 94 % (Timeline–August,2023,Revised Timeline–December,2023)
- Sanjay Lake Kondli STP (10 MGD) : 80 % (Timeline–Sept, 2023,Revised Timeline–December 2023)

In case of another two projects at Okhla for use of 20 MGD treated STP water Tender has been received and under process (Timeline is December, 2023) and in case of Rohini Lake No. 2, for use of 15 MGD treated STP water work has started and time line is December, 2023.

Pr. Commissioner, DDA informed that DDA has 83 parks which have no source of water except Bore wells. DDA vide letter dated 13.08.2020 has already sent list of 83 Parks along with Geo Coordinates to DJB with request to lay pipe lines to carry treated water from the STPs of DJB to these 83 parks. He requested DJB to take necessary action for providing treated STP water in these parks.

Addl. Commissioner, MCD informed that treated STP water can be used in the parks of MCD for which pipelines are required to be laid for carrying the treated STP water to their parks. Treated water from Keshopur STP can be used in 113 parks of MCD.

Chief Secretary directed DJB to discuss the issue of utilization of treated water from STPs of DJB with him in a separate meeting along with proposed action plan, maximize the use of treated STP water in various purposes including Artificial Lakes / Water Bodies, Horticulture, Parks, Golf Courses, Party Lawns etc. and explore the possibility of mandatory use in big construction projects /activities in Delhi after further / tertiary treatment and take up the matter with Urban Development Department, GNCTD in this regard.

Chief Secretary directed DPCC to obtain the list of 83 Parks from DDA and get these parks mapped on Delhi Map through GSDL.

8. Solar Power Generation Along Najafgarh Drain

It was informed that in the previous meeting of HLC, IF&CD was directed to explore the solar power generation along the Najafgarh Drain by providing pillars on its Banks to install Solar Panels. Chief Secretary had suggested that Power Department Solar Corporation of India can be involved for exploring the suitable options / funding for Solar Power Generation

In this regard IFCD had informed that the matter was perused with SECI and as per their advise DTL was consulted which has opined that PPA (Power Purchase Agreement) is feasible. Accordingly, matter is being perused with DTL (Power Department) for confirmation, so that same may be forwarded to SECI for further action on the issue. As per assessment, about 30 MW power can be generated by installing solar panels along Najafgarh Drain. IFCD has further informed following :

- Survey of Najafgarh Drain from Dhansa to Ambrhai done by SECI and I&FC on 01.08.2023.
- Site from Dhansa to Ghuman hera in length of 6 Km is under consideration for Installation of solar panel on right bank of Najafgarh Drain.
- Detailed feasibility and potential is yet to be submitted by SECI.

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

ATTENDANCE SHEET

Subject: 6th Meeting of the High Level Committee (HLC) constituent by Hon'ble NGT in O.A No. 21/2023 in the matter of "Ashwani Yadav Vs. Govt. of NCT of Delhi" (now OA 06/2012 in the matter of "Nizammudin West Vs. UoI") to monitor Progress w.r.t Action Points of Yamuna Action Plan & Discuss Various Issues related Control of Pollution & Rejuvenation of River Yamuna

Venue: Conference Room of Chief Secy, GNCTD, 5th Level, Delhi Secretariat.

Date: 10.08.2023

Time: 04: 00 PM

S.No	Name of Officer	Designation and Organization	Email	Mobile No.	Signature
1	Chief Secy	GNCTD	-	-	In Chair
2	Sandeep Mittal	Addl. Commr, MCD		9910182340	Sandeep
3	ABHINAV KUMAR	DCF West DOFW		8974131911	Abhinav Kumar
4	Rajeev Joshi	Pt. Commissioner DOA			Rajeev
5	MANDESH RASTOGI	CG/MCD		9717788014	Mandesh
6	Dr. Pravin Kumar	Director/ NMCG		9899122554	Dr. Pravin
7	Ved Prakash Mishra	MOEP		9013850643	Ved Prakash
8.	P.K. Mishra	CPCB		9695206868	P.K. Mishra
9.	V.K. Chaurasia	MOHUA		9818225985	V.K. Chaurasia
10.	Vishal Gandhi	CPCB	vishalgandhi. cpcb@gmail.com	9891254425	Vishal
11.	Vikram Singh	Pt. CE (or) Proj DTB	cadraing1 e@gmail.com	9650290929	Vikram

[illegible]

ATTENDANCE SHEET

Subject: 6th Meeting of the High Level Committee (HLC) constituent by Hon'ble NGT in O.A No. 21/2023 in the matter of "Ashwani Yadav Vs. Govt. of NCT of Delhi" (now OA 06/2012 in the matter of "Nizammudin West Vs. UoI") to monitor Progress w.r.t Action Points of Yamuna Action Plan & Discuss Various Issues related Control of Pollution & Rejuvenation of River Yamuna

Venue: Conference Room of Chief Secy, GNCTD, 5th Level, Delhi Secretariat.

Date: 10.08.2023

Time: 04: 00 PM

S.No	Name of Officer	Designation and Organization	Email	Mobile No.	Signature
16	Chairman, DPCC	Divisional Commissioner			
17	Pr. Secy (PWD), GNCTD	CEO, DTB			
18	Pr. Secy (Finance), GNCTD				
19	Anil Kumar Singh	Asst. Secy - Genl. Secy GNCTD	sewu@nic.in	9999233333	[Signature]
20	CD SINGH	Chief Secy	-	9868809573	[Signature]
21	Ajay Kumar	Member (DTB)		9650291025	[Signature]
22	Ganesh Gupta	CEO DUSIB		971794001	[Signature]
23	Shubh Singh	Secy UD -			[Signature]
24	Sandeep Mittal	MD, DSIB		9650072233	[Signature]
25	Mukesh Kumar	CE IAFCC-2012	ceifcd@nic.in	9958430057	[Signature]
26	Anil Kumar	CE IAFCC-2012		9958888888	[Signature]

[illegible]