



DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT, GOVT. OF NCT OF DELHI
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006
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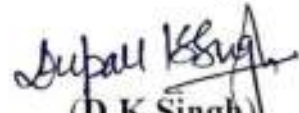
F. No. DPCC / WMC II / O.A. 21 (Ashwani Yadav) / 2023/ 5389- 5418

Dated: 16.10.2023

Subject: Minutes of 7th Meeting of the High Level Committee (HLC) held on 10.10.2023.

Please find enclosed herewith Minutes of Seventh 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 being dealt in OA No. 06/2012 "Nizamuddin West Association Vs Union of India & Ors") **held on 10.10.2023 at 12:00 Noon** 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

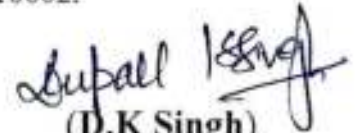
To,

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 Bhawan, 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. Additional Chief Secretary (UD), Urban Development Department, GNCTD, 9th Level, Delhi Secretariat Delhi -02.
10. Vice Chairman, Delhi Development Authority, Vikas Sadan, INA, Delhi-110023.
11. Director General, Central Public Works Department, A-Wing, Room No. 101, Nirman Bhawan, Delhi -11
12. Pr. Secretary (Revenue) cum Divisional Commissioner, 5 Sham Nath Marg, Delhi-54.
13. Chairman, Delhi Pollution Control Committee. 5th level, Delhi Secretariat, I.P. Estate, Delhi - 02.
14. Principal Secretary (Environment & Forest), 6th Floor, Delhi Secretariat, I.P. Estate, Delhi - 02.
15. Pr. Secretary, Finance Department, GNCTD, 4th level, Delhi Secretariat, I.P. Estate, Delhi - 02.
16. Pr. Secretary Cum Development Commissioner, Development Department, Govt. of NCT of Delhi, 5/9, Under Hill Road, Delhi-11005.
17. Pr. Secretary (PWD), MSO Building (PWD Headquarters), ITO , I.P. Estate, Delhi - 110002
18. Pr. Secretary, Irrigation & Flood Control Deptt. GNCTD, L.M. Bundh, Shastri Nagar, Delhi-31.

19. Commissioner, Municipal Corporation of Delhi, 9th Floor, Dr.S.P.M Civic Center, JLN Marg, 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, Delhi-02.
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 - 02.
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 Seventh 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") to Review progress in implementation of Action Plan & Vetting of Status Report to be filed before Hon'ble NGT in the Conference Room of Chief Secy, GNCTD, 5th Level, Delhi Secretariat 10.10.2023 at 12:00 Noon.

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 10.08.2023. It was informed that the Hon'ble 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 being dealt in another Hon'ble NGT Case OA No. 06/2012 (Nizamuddin West Association Vs Union of India & Ors). It was informed that Status Reports in the aforementioned case were filed before the Hon'ble NGT on 31.01.2023 & 05.07.2023.

The latest order dated 05.07.2023 of Hon'ble NGT in the said matter was also briefed to the HLC and it was informed that further Status Report of Govt. of NCT of Delhi is to be filed before Hon'ble NGT after vetting by the HLC. **Next date of hearing in the said matter is 17.10.2023.**

It was also informed that Hon'ble Supreme Court vide order dated 08.08.2023 in SMW (C) No. 1/2021 "In Re Remediation of Polluted Rivers" has also sought status report from Govt. of NCT of Delhi regarding pollution of Yamuna River.

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 1799 Unauthorised Colonies and 639 JJ Clusters
4. Industrial effluent management by 13 CETPs
5. Faecal Sludge (Septage) Management
6. Regulation of Floodplain (By DDA)
7. Utilization of Treated Waste Water
8. Other Issues

Overview of projects completed under Action Plan against the targets (As on 10th October, 2023) is as follows:

1. Out of 76 sub-drains, 47 sub drains out falling into Najafgarh Drain (22), Shahdara Drain (02) and Supplementary Drain (30) have been trapped against the target of 54.
2. Out of 573 unauthorized colonies, where laying of sewerage Network work is under progress, in 241 unauthorized colonies work has been completed against the target of 338.

3. Out of 200 km, 60.516 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, 111.54 km has been completed.
5. 20 JJ clusters have been connected to sewer network against the target of 81 JJ clusters.
6. Projects of Pappankalan (20 MGD), Nilothi (20 MGD) and Najafgarh (5 MGD), Sanjay Lake from Kondli STP (10MGD) 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 March, 2024 , Liquid Line is expected to be commissioned by 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 October, 2023)
3. Up gradation of 40 MGD Rithala Phase-II STP (Timeline was March, 2023 & Revised Timeline is October, 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 (60.156 km has been completed against the target of 94.93 km by June, 2023).
6. Providing Sewerage Network in Unauthorised Colonies (in 241 unauthorized colonies Sewerage Network work has been provided against the target of 338).
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, basic survey of 63 sub drains done and restarted from 03.10.2023).
9. Project at Smriti Van [10 MGD, Timeline – March, 2023 & Revised Timeline – October, 2023],NTPC Eco Park [5 MGD, Timeline – July, 2023 & Revised Timeline – December, 2023] & Rohini Lake No:1 [15 MGD, Timeline – August, 2023 & Revised Timeline – December, 2023] for Utilization of Treated STP water.
10. Restoration & Rejuvenation of Flood Plains at Asita East (Part B), Kalindi Aviral (Part B inclusive of Baansera), Asita West (Part B), Amrut Biodiversity Park (Eastern Bank & Western Bank), Ghat Area Wazirabad to Old Railway Bridge (Part A: Qudsia Ghat) , Ghat Area Wazirabad to Old Railway Bridge (Part B: Sur Ghat) & Yamuna Vanasthali 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 : **667 MGD** (84.2% of Estimated Sewage Generation)
- 37 Operational STPs of DJB
- Capacity Utilization of existing 37 STP: **550 MGD** (69.4 % of installed capacity)
- Gap in Capacity : **125 MGD** (15.8%)
- Gap in Treatment : **242MGD** (30.6%)

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

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

1.3. Future Scenario (As per Action Plan & Revised Timelines):

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

As per Action Plan		Revised Timelines& Scenario	
Timeline	Capacity (in MGD)	Timeline	Capacity (in MGD)
June, 2023	727	June, 2023	632
December, 2023	814	December, 2023	719
June, 2024	964.5	June, 2024	814
		December, 2024	964.5

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) have improved significantly in the months of January, 2023 to Sept, 2023 in comparison to corresponding months of January, 2022 to Sept, 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	Aug, 2022	Aug, 2023	Sept, 2022	Sept, 2023
Najafgarh Drain (Before Outfall into Yamuna)	60	53	85	55	75	58	80	60	76	48	70	50	73	45	75	42	70	44
ISBT (After meeting Najafgarh Drain)	42	38	45	40	48	44	50	48	55	38	68	42	66	38	56	36	54	40
Asgarpur (D/s of Okhla Barrage After confluence of Shahdara & Tuglakabad Drains)	60	56	85	52	70	54	75	58	60	48	75	58	76	40	65	35	75	43

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	Aug, 2022	Aug, 2023	Sept, 2022	Sept, 2023
Najafgarh Drain (Before Outfall into Yamuna)	304	272	320	288	336	293	352	272	320	224	346	213	373	192	384	186	352	208
ISBT (After meeting Najafgarh Drain)	208	208	224	272	240	272	256	256	272	240	88	224	304	208	320	192	288	196
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	272	112	272	144

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	Aug, 2022	Aug, 2023	Sept, 2022	Sept, 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	2.4	0.06	2.2	0.08
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	6.8	1.70	6	2

Member Secretary, DPCC informed that there is improvement in the water quality of river Yamuna however it is still far from desirable water quality i.e. Dissolved Oxygen $\geq 5\text{mg/l}$, BOD $\leq 03\text{ mg/l}$, and Faecal Coliform $\leq 2500\text{ MPN/100ml}$. Member Drainage, DJB informed that New STPs / STPs under rehabilitation / Up-gradation are designed for BOD / TSS: 10/10 mg/l therefore desirable water quality of BOD $\leq 03\text{ mg/l}$ in river Yamuna in Delhi may not be achieved until Minimum Environmental Flow in river Yamuna in Delhi is provided.

1.5 Monitoring of STPs

Member Secretary, DPCC informed that there are 37 STPs of Delhi Jal Board operating in Delhi out of which 35 are complying w.r.t design Parameters of BOD: TSS (30:50 / 20:30 / 15:20 / 10:15 mg/l) and 14 out of 37 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 03rd August, 2023 to 06th October, 2023 is as given below:

- (i) Okhla (124 MGD Capacity) : Total Progress—93% (1.2% in above period)
- (ii) Sonia Vihar (07 MGD Capacity) : Total Progress- 73% (10.26% in above period)
- (iii) Delhi Gate STP (10 MGD) : MoHUA vide letter dated 14.09.2023 requested DJB to accept allotment of land "as is where is" basis. Removal of structure / encroachment is required for construction of STP.

Chief Secretary directed DJB to expedite the projects and pursue the Finance Department, GNCTD and NMCG for the required funds to complete the 124 MGD Okhla STP at the earliest.

Regarding land for 10 MGD Delhi Gate STP, DJB to pursue the matter with MoHUA and also with DM (Central) for removal of structure / encroachment. DJB to start the work on remaining portion of the land. DPCC to also pursue the matter.

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). Status in respect of these 12 cases was briefed to the Committee.

Representatives of DDA informed that in respect of 03 DSTPs [Rangpuri, Site adjoining to Maharishi Valmiki Hospital, Pooth Khurd Village/ Sultanpur Dabas Village (SPS) and Vijay Colony near Bawana

Chowk] land will be allotted by DDA to DJB in October, 2023. 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 provisions of wetland has not been notified in these cases of water bodies however they will look into the matter and expedite the remaining 5 cases for allotment of land to DJB and provide status to the Committee soon.

In case of 2 DSTPs (Tajpur Khurd & Tikri Kalan) land identified belongs to Private Parties and they have gone to Hon'ble High Court against land acquisition. The matter is being pursued and next date of hearing before the High Court is 11.10.2023. MD, DSIIDC & DJB representatives clarified that land available at another location in Tikri Kalan pertains to DDA and it is for Housing Projects.

Regarding proposed DSTP at Naya Bans of 20 MLD capacity, it was informed by representatives of DJB that out of 13,000 Sq.m required land, only 1900 Sq.m land has been allotted by Revenue Department. Now DJB has re-designed the scheme in three parts based upon availability of land for DSTPs at Bawana WTP. As advised by NMCG, matter is being pursued for construction of DSTP with innovative technology which requires lesser footprint. DJB is pursuing Revenue Department for allotment of land.

Following directions were given by the Committee:

- (i) DDA & DJB to resolve the land allotment / handing over issues by jointly inspecting the sites & holding meeting with concerned officers and provide status of land allotment 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.
- (iii) 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 03rd August, 2023 to 06th October 2023 as given below :

- (i) Kondli Phase-II (25 MGD) : Total Progress – 95.77% (0.93 % in above period)
[Timeline–June, 2023, Revised Timeline–Oct., 2023]
- (ii) Rithala Phase-I (40 MGD): Total Progress – 93.41 % (1.39 % in above period)
[Timeline–June, 2023, Revised Timeline–Oct, 2023]
- (iii) Yamuna Vihar Phase-II (from 10 to 15 MGD) : Total Progress – 85% (15 % in above period)
[Timeline– Sept, 2023, Revised Timeline–Dec, 2023]

Member Drainage, DJB informed that Kondli Phase-II (25 MGD) is under trial run and started taking the waste water for treatment.

Chief Secretary directed DJB to expedite the completion & commissioning of the Rehabilitation of above mentioned 3 STPs.

1.9 Progress of up-gradation of existing 18 STPs

Progress/ Status in respect of up-gradation of existing 18 STPs was briefed to the Committee. Member Drainage, DJB informed that work of upgradation of Rithala Phase-II (40 MGD) STP has been completed. In case of Kondli Phase-IV (45 MGD) STP 12 % progress was made between 03rd August, 2023 to 06th October 2023 (cumulative progress 62.5%) and revised timelines for completion is December, 2023 (Earlier Timeline was October, 2023).

In case of 9 STPs, work is in progress with 21-27% work completed and revised timeline for completion of these projects is March, 2024 (Earlier Timeline was December, 2023). Up-gradation of four STPs have been put on hold due to scarcity of funds. Revised timeline for completion of these projects is December, 2024 (Earlier Timeline was January, 2024). In case of Yamuna Vihar Phase – I STP, tender is being re-invited. In 02 other cases files are under process (for administrative approval of estimate in one case & for re-considering the decision of re-inviting of tenders in order to award the work at the earliest).

Chief Secretary, directed DJB to expedite the work of up-gradation of existing remaining 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,60.516km 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 diameter (Approx. 529.5 Km) has also been taken up by DJB and 111.54 Km of sewer line has been de-silted and revised timeline for completion of desilting is June, 2024(Earlier Timeline was December, 2023).

Chief Secretary directed DJB to expedite the work of De-silting of Trunk / Peripheral Sewer Lines & sewer line below 1000 mm diameter.

1.11Interconnections 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 earlier meeting this issue has also 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 183No. 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. 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. MCD representatives informed that they sent a proposal of Rs. 37 Crores to UD Department, GNCTD for funding the projects of MCD.Addl. Chief Secy (UD Deptt.) informed that they provide funds from Grant in Funds available with the UD Deptt. however he will look into the matter.

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 Committee :

- (i) MCD to explore funding from various sources including Urban Development Department, GNCTD for their projects and also prepare action plan for all their drains in Delhi.**
- (ii)Urban Development Department, GNCTD to look into the matter regarding funding etc. for providing system for storm water in unauthorized colonies / JJ Clusters and also to make budgetary provision under YAP.**
- (iii) DPCC to also explore the possibility of funding from the Environmental Compensation received by DPCC.**
- (iv) District wise list to be prepared by MCD and given to concerned DMs for identifying / locating the untraceable drains.**

- (v) Joint survey of 52 drains to be conducted by MCD, PWD, IFCD & DSIIDC to resolve the issue of Drain Owning Agencies.
DJB to submit list of points / storm water drains still joining/ connected with the Sewerage System of DJB within a week.
- (vi) 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.
- (vii) 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 PWD has informed regarding repair of damaged / missing wire meshes over their bridges on river Yamuna however Action Taken Report from NHAI & DND Flyway Road maintaining agency is awaited.

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 to pursue the matter with NHAI & DND Flyway Road maintaining agency for taking necessary action and providing Action Taken Report to HLC.
- (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 as decided in the previous meeting of HLC on 10.08.2023.

2. Trapping of Drains

Progress in respect of trapping of 3 major drains were discussed and it was informed that in respect of Barapulla and Maharani Bagh drain, 51 % cumulative progress has been made and the revised timeline for completion of the work is March, 2024 (Timeline in the Action Plan was Sept, 2023). In case of Mori gate drain cumulative progress is 31% and revised timeline for completion of the work is March, 2024 (Timeline in the Action Plan was Sept, 2023).

Regarding Trapping of partially trapped Sen Nursing Home Drain, it was informed that there is still some marginal flow/ overflow which is to be trapped by DJB. Member Drainage, DJB informed that Ring Road Trunk Sewer is badly silted up due to trapping of this storm water drain. Overflow of sewage is frequently noticed at IIPA, ITO. Action Plan for desilting of Ring Road sewer has been prepared and timeline is June, 2024. Ring Road Pumping Station is under construction and to be commissioned by June, 2024.

Timeline for trapping of this drain is June, 2024 (Timeline in the Action Plan was March, 2023).

Status of 09 Untrapped Drains Out falling into River Yamuna was briefed to the HLC including proposed action by DJB. Member Drainage, DJB informed that waste water from two drains (Kailash Nagar Drain and Shastri Park Drain) pertaining to MCD are discharging effluent into river Yamuna from eastern bank and this can be avoided if MCD diverts the waste water into the sewerage system / nearest pumping station of DJB.

Progress of trapping of 76 sub-drains of Najafgarh Drain, Supplementary Drain and Shahdara Out fall Drain was briefed to the Committee. Out of 76 sub-drains, 47 sub drains [21 sub drains out falling into Najafgarh Drain and 26 sub drains out falling into Supplementary Drain] have been trapped against the target of 54 Sept, 2023. Representatives of 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 and revised timeline is December, 2023 (Timeline in the Action Plan was June, 2023).

Regarding Performance Audit of already trapped 11 major drains and all sub-drains by M/s WAPCOS, it was informed that work was awarded to WAPCOS. Basic survey of 63 sub drains have been done by WAPCOS. Work was stopped during monsoon period and has restarted from 03.10.2023 (Timeline in the Action Plan was February, 2023).

Chief Secretary directed DJB to expedite the work of trapping of Sub Drains & Performance Audit of already trapped drains. Urban Development Department, GNCTD to examine the problem and make budgetary provision in consultation with MCD for diversion of waste water of Kailash Nagar Drain and Shastri Park Drain into the sewerage system / nearest pumping station of DJB and submit action taken report to HLC within 15 days.

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 was laid and notified in 747 unauthorised colonies while work of sewer network was in progress in 573 unauthorised colonies in January, 2023 when the Action Plan for rejuvenation of river Yamuna was prepared. Out of 747 unauthorised colonies sewer connections have been provided in 705 unauthorised colonies and in balance 93 unauthorised colonies sewer connections will be provided by October, 2023. Now the sewer network has been provided in additional 241 Unauthorised colonies against the target of 338 Unauthorised colonies by September, 2023. Now there are total 988 Unauthorised colonies in which sewer network has been provided by DJB.

In 318 Unauthorised colonies, sewer network is to be laid alongwith DSTPs. In 161 Unauthorised colonies, NOC is awaited being forest area or the O Zone or ASI land. Earlier Pr. Secretary (Env & Forest) had taken a meeting on 05.07.2023 with DJB, Forest Deptt., DDA, UD Deptt., ASI etc to address various issues in respect of 161 unauthorised colonies where NOC is awaited. The progress by DJB, Forest Deptt. was briefed to HLC.

Representatives of DDA informed that one unauthorized colony at New Aruna Nagar Colony (Majnu ka Tila) reported to be removed by DDA however they will check and inform about the factual position. In respect of remaining 03 Unauthorised colonies at Bahagat Singh Park, Extn. Siraspur Village, Garhi Mandu Village and Old Village Ushman Pur (3rd Pushta Road) DDA will check and provide their clarification / comments to DJB soon.

DJB has informed 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.

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 the 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 outfalls etc.	06
7	JJ Cluster does not exist as per NMCG report	01
8	Site does not exist	01
	Total	58

Chief Secretary directed DJB to expedite the work of connection of remaining 58 JJ Clusters with the Sewerage System of DJB and other measures as mentioned in above table and submit Action Taken Report alongwith Status to HLC within 15 days.

4. Industrial Effluent Management

Member Secretary, DPCC informed that all the 13 CETPs in Delhi are meeting the Prescribed Standards.

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

Addl. Chief Secy (Industries) informed that performance of CETPs has improved and Govt. may take a review of the decision taken earlier regarding handing over of CETPs to DJB for their upgradation and operation & maintenance.

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

Member Secretary, DPCC informed about the action taken by the Joint Teams consisting of MCD, DPCC, Revenue Dept., Power Companies, DJB against Dyeing Industries / Units in Non-Conforming Areas of Delhi in the period of 28.04.2023 to 08.10.2023 briefed below :

- Total No. of Dyeing units inspected : 258
- Close down / Sealed / Disconnection of electricity : 113

Chief Secretary directed Industries Department & DJB to take up the matter with Hon'ble Minister for decision on the handing over of 11 CETPs being operated & maintained by the CETP Societies to DJB for their upgradation and operation & maintenance. Performance of all the 13 CETPs to be observed for one year before taking any further decision on the issue.

Chief Secretary directed the MCD who are leading the Joint Teams to increase targeted actions against illegal Dyeing Industries / Units in non conforming areas of Delhi fully supported by other constituent departments.

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. Draft Preamble for placing the proposal of providing incentives @ Rs 500/- per trip is under approval for placing the case before the upcoming board meeting of DJB.

Chief Secretary directed DJB to expedite the matter of giving incentives to the drivers of the Tankers / Vehicles carrying septage and make necessary budgetary provision in this regard.

Urban Development Department, GNCTD to expedite the matter regarding 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.

Director (Landscape), DDA informed that DDA has identified land near ITO Barrage for development of Ghat and requested NMCG to provide funds for development of this proposed Ghat. Representative of NMCG asked to submit details of the project along with estimates.

Following directions were given by the Chief Secretary to DDA:

- (i) To expedite projects, provide revised timelines for delayed projects and remove the encroachment on the Yamuna Flood Plain at the earliest.**
- (ii) DDA to secure Yamuna Flood Plain area from encroachment by providing Fencing, PTZ Night Vision Cameras & Centralised Control Room as decided in the previous meeting of HLC on 10.08.2023.**
- (iii) To provide details of proposed development of Ghat near ITO Barrage along with estimates to NMCG for providing funds.**

7. Utilization of Treated Waste Water

It was informed that 90 MGD out of 550 MGD of treated STP water is being used mainly for horticulture; 267 MGD is the mandatory return flow in river Yamuna. 145 MGD (90 MGD + 55 MGD) is being used in Horticulture and Lake rejuvenation & Water Bodies etc. 100 MGD (70 MGD + 30 MGD) is proposed to be used for ground water recharge at DJB Marshy land near Coronation Pillar, Bhalwasa Lake, Jhangirpuri Drain by March, 2024.

DJB had proposed projects for utilization of 120 MGD Treated STP water for development/ rejuvenation of various lakes. Projects of Lakes at Pappankalan (20 MGD), Nilothi (20 MGD), Najafgarh (5 MGD) and Sanjay Lake from Kondli STP (10 MGD) have been completed and commissioned. Progress in respect of other projects is as follows:

- Smriti Van/Lake (10 MGD) : 91% (Timeline–March,2023,Revised Timeline–December,2023)
- NTPC Eco Park (5 MGD) :43% (Timeline–July, 2023,Revised Timeline– December,2023)
- Rohini Lake No.1 (15 MGD) :98%(Timeline–August,2023,Revised Timeline–December,2023)
- Rohini Lake No. 2 (15 MGD) :10 % (Timeline–Jan, 2023,Revised Timeline–December 2023)
- Okhla (20 MGD) : (Timeline– December 2023) Tender received & under process.

Member Secretary, DPCC informed that Map has been prepared by GSDL for 83 parks of DDA.

Representative of DJB informed that out of 83 parks of DDA, 19 parks have already been covered by DJB for supplying treated STP water. It was also informed by the Representative of DJB that there is delay in completion of the project related to use of treated STP water from Kondli STPs and Okhla STPs since permission is awaited from UP Irrigation Department for laying the system for carrying the treated STP water over their canals.

Chief Secretary directed to take a separate meeting on the issue of utilization of treated STP water with concerned Departments and DJB to coordinate for conducting the meeting.DJB to put up the matter regarding required permission from the UP Irrigation Department for laying the system for carrying the treated STP water over their canals.

DPCC in consultation with DJB & DDA to prepare network plan through GSDL for use of treated STP water in 83 identified parks.

8. Froth / Foam formation in River Yamuna (Chhath Puja : 17- 20 November, 2023)

It was informed that Froth / Foam formation in river Yamuna in Delhi particularly at the downstream of Okhla Barrage near Kalindi Kunj occurs particularly during Chhat Pooja prior to onset of winter and attracts media attention. Reasons for Froth / Foam formation in river Yamuna is due to presence of Phosphates & Detergents / Surfactants present in waste water from House Holds & Industrial discharges (Dyeing etc) and Ammonical Nitrogen (from untreated sewage & fertilizers).

Froth / Foam formation at the down side of Okhla Barrage occurs due to above reasons and also mainly due to following:

- (i) Turbulence caused by steep slope / fall of water from the Okhla Barrage
- (ii) Closure of Agra Canal due to cleaning schedule of UP Irrigation Department in this season Chhat Pooja
- (iii) Opening of lesser no of Gates of Okhla Barrage during the Chhat Pooja resulting in increase in velocity and Turbulence at the downstream of Okhla Barrage.

Following are the main solution points for prevention of Froth / Foam formation in river Yamuna:

- Complete treatment of sewage by Delhi, Haryana & UP
- Prevention of discharge containing Phosphates, Detergents/Surfactants & Ammonical Nitrogen
- Rescheduling of Cleaning of Agra Canal prior to Chatha Puja
- Control over flow regulation through opening of Gates of Okhla Barrage particularly during Chatha Puja

Chief Secretary directed Delhi Jal Board to put up file for issuing letter to UP Irrigation Department for addressing the above mentioned issues and also necessary action to prevent frothing in barrages during festival season.

9. Solar Power Generation Along Najafgarh Drain

It was informed that in the 4th 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. Power Department Solar Corporation of India was to be involved for exploring the suitable options / funding for Solar Power Generation

IFCD had informed that the matter was pursued with SECI and as per their advise DTL was consulted which has opined that PPA (Power Purchase Agreement) is feasible. Accordingly, matter is being pursued 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 Ghummanhera in length of 6 Km is under consideration for Installation of solar panel on right bank of Najafgarh Drain.
- Meeting of I&FC, Power, BSES done on 18.08.2023 to know nearest grid, BSES assures SEBI to provide updated information on connectivity feasibility along with distance.
- Site visit held on 05.10.2023, to finalise grid feasibility out of 06 pockets initially submitted, 05 MW electricity generation is expected.
- SEBI to submit pre feasibility before starting of work.

10. Najafgarh Jheel (Environmental Management Plan)

The matter was briefed to HLC. The Hon'ble Tribunal on 21.01.2022 disposed of the matter with following directions:-

"Further action of preparing integrated EMP by the MoEF&CC be taken and till it is done, EMPs prepared for rejuvenation and protection of the lake be enforced by the State of Haryana and the NCT Delhi. Wetland (Conservation and Management) Rules, 2017 be strictly followed" and constituted Inter Ministerial Expert Group in GOI and it was observed that prepared plan is quite complicated and requires lot of land."

HLC observed that the prepared plan requiring sizeable land and therefore the area needs to be assessed from both requirement and availability of land. It was informed that the Najafgarh Wetlands Committee headed by DM (SW) has been requested to arrive at a realistic area of the Najafgarh Jheel, so that the EMP can be accordingly modified / finalised.

Director (Landscape), DDA suggested that Landscape Architect may be hired for preparation of plan for Najafgarh Jheel and she can suggest name of some of Landscape Architects in this regard.

Director (Landscape), DDA also suggested that efforts made by Delhi Govt. and various Departments / Authorities in Rejuvenation of River Yamuna in Delhi should be reflected through publications so that Public is aware of the steps / measures being taken for Rejuvenation of River Yamuna in Delhi. Member Secretary, DPCC told that he will take necessary action in this regard.

Chief Secretary directed that a separate meeting to be called on the issues related to Environmental Management Plan for Najafgarh Jheel.

Chief Secretary, GNCTD also directed to seek Explanation / Reasons from the concerned departments for delay in their major projects which are delayed / lagging behind the Timelines given in the Action Plan prepared by the High Level Committee in this regard.

Before the next meeting, in respect of Delayed / Lagging projects, departments shall submit there proposed action indicating month wise timelines.

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

ATTENDANCE SHEET

Subject: 7th 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 Review progress in implementation of Action Plan & Vetting of Status Report to be filed before Hon'ble NGT Venue: Conference Room of Chief Secy, GNCTD, 5th Level, Delhi Secretariat.

Date: 10.10.2023

Chief Secretary, GNCTD
(In chair)

Time: 12:00 Noon

S.No	Name of Officer	Designation and Organization	Email	Mobile No.	Signature
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2	P.K. Mishra	CPCB	eeprkm.cpb@nic.in	9695206868	
3	Dr. Mehraj A.S.	Dy. Commissioner NRM Division DAWFW, N. Delhi	ac.nrm-agri@gov.in	9970387204	
4	Dr. A.C. Verma	PSF		9650111076	
5	Sandeep Mittal	Addl. Commr, HLD		9910181340	
6	K. S. Meena	SS. LD		9212034395	
7	Hijay Gupta	Member (SI) DTB		9850291027	
8	Sandeep Mittal	CCO, DSIIDC		9650072233	
9	Pankaj K.	Sp. Secy (PWO)		9711129044	
10	Suneesh Buxy	APCCF	suneesh.buxy@gov.in	9868541257	
11	NEELIMA SONI	DIRECTOR LANDSCAPE	neelima.soni@gov.in	9811239055	

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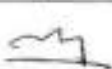
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S.No	Name of Officer	Designation and Organization	Email	Mobile No.	Signature
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