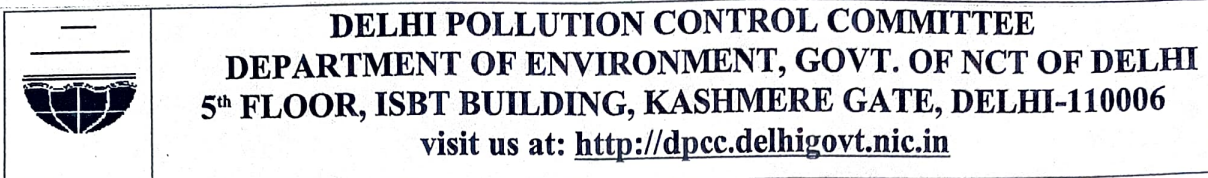


By Email / Speed Post
URGENT/NGT MATTER



F. No. DPCC / WMC II / O.A. 21 (Ashwani Yadav) / 2023/934-963

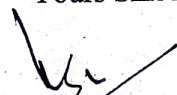
Dated: 27/06/2024

Subject: Minutes of 9th Meeting of the High Level Committee (HLC) held on 20.02.2024.

Sir / Madam,

Please find enclosed herewith Minutes of the "Ninth Meeting" of the High Level Committee (HLC) constituted by the Hon'ble National Green Tribunal (NGT) to monitor the progress w.r.t action points of the "Action Plan for Rejuvenation of River Yamuna" and various other directions of the Hon'ble NGT held under chairmanship of Chief Secretary, GNCTD on 20.02.2024 for urgent necessary action and submission of the Action Taken Report to this office as mentioned in the said minutes.

Yours Sincerely,



(Dr. K. S. Jayachandran)

Special Secy (Environment, GNCTD)

Cum Member Secy, DPCC

Enclosure: As Above

To,

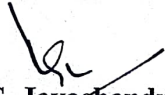
1. Secretary, Ministry of Jal Shakti, Govt. of India, Shram Shakti Bhawan, New Delhi-110001.
2. Secretary, Ministry of Environment & Forest and Climate Change, Govt. of India, Indira Paryvaran Bhawan, Jorbagh Road, New Delhi -110003.
3. Secretary, Ministry of Agriculture, Govt. of India, Krishi Bhawan, 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 -110032
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. Additional Chief Secretary (Revenue) cum Divisional Commissioner, 5 Sham Nath Marg, Delhi-54.

Contd....2

13. Commissioner, Municipal Corporation of Delhi, 9th Floor, Dr.S.P.M Civic Center, JLN Marg, Delhi-02.
14. Chairman, Delhi Pollution Control Committee. 5th level, Delhi Secretariat, I.P. Estate, Delhi - 02.
15. Principal Secretary (Environment & Forest), 6th Floor, Delhi Secretariat, I.P. Estate, Delhi - 02.
16. Pr. Secretary, Finance Department, GNCTD, 4th level, Delhi Secretariat, I.P. Estate, Delhi - 02.
17. Pr. Secretary Cum Development Commissioner, Development Department, Govt. of NCT of Delhi, 5/9, Under Hill Road, Delhi-11005.
18. Pr. Secretary (PWD), MSO Building (PWD Headquarters), ITO, I.P. Estate, Delhi - 110002
19. Pr. Secretary, Irrigation & Flood Control Deptt. GNCTD, L.M. Bundh, Shastri Nagar, Delhi-31.
20. Chief Executive Officer, Delhi Jal Board, Varunalaya Ph-II, Jhandewalan, Delhi-110005.
21. Chief Executive Officer, Delhi Urban Shelter Improvement Board, Punarwas Bhawan, IP Estate, Delhi-02.
22. Managing Director, Delhi State Industrial & Infrastructure Development Corporation Ltd. N-36, Bombay Life Building, Connaught Circus, New Delhi - 110001
23. Addl. Pr. 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), Old Terminal Tax Building, Kapashera, Delhi-110037
26. District Magistrate (Central District), 14, Darya Ganj, New Delhi- 110002.

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 -110002.
4. Staff Officer to Chief Secretary, GNCTD, 5th Level, Delhi Secretariat, Delhi - 110002.


(Dr. K. S. Jayachandran)
 Special Secy (Environment, GNCTD)
 Cum Member Secy, DPCC

Minutes of the "Ninth Meeting" of the High Level Committee (HLC) constituted by the Hon'ble National Green Tribunal (NGT) to monitor the progress w.r.t action points of the "Action Plan for Rejuvenation of River Yamuna" and various other directions of the Hon'ble NGT held under chairmanship of Chief Secretary, GNCTD on 20.02.2024

Ninth meeting of the High Level Committee (HLC), constituted by the Hon'ble National Green Tribunal (NGT) 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 UoI*") to monitor the progress w.r.t action points of the "*Action Plan for Rejuvenation of River Yamuna*" and other directions of the Hon'ble NGT, was held under chairmanship of Chief Secretary, Government of NCT of Delhi (GNCTD) in the Conference Room of Chief Secretary at 5th Level, Delhi Secretariat on 20.02.2024 at 02:30 PM.

2. The meeting was attended by the members of HLC and Secretaries/ HODs of various Departments / Organizations. List of attendees is at **Annexure - "A"**.
3. Special Secretary (Environment)-cum-Member Secretary, DPCC presented before the HLC 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 Secretary, GNCTD pursuant to 1st meeting of the HLC held on 20.01.2023 under Chairmanship of Hon'ble Lt. Governor. It was informed that status reports in the aforementioned case were filed before the Hon'ble NGT on 31.01.2023, 05.07.2023, 16.10.2023, 21.12.2023, 09.01.2024 and 12.02.2024. Order dated 09.01.2024 of Hon'ble NGT in the said matter was briefed to the HLC, especially w.r.t. following observations:
 - (i) *The report must disclose each drain which is discharging the treated or untreated effluent in river Yamuna in the NCT, the total quantity of treated/untreated discharge by that drain in the river, the STPs set up on that drain at different locations and end point local body which is ultimately responsible to ensure that no untreated discharge takes place from the drain.*
 - (ii) *A District-wise approach may be undertaken for rejuvenation of river Yamuna in Delhi. As per River Ganga (Rejuvenation, Protection and Management Authorities Order, 2016, every District Level Committee has the powers and responsibility in relation to River Ganga and its tributaries flowing through it.*
 - (iii) *Out of 22 drains meeting river Yamuna, only nine drains have been tapped and untapped 13 drains are still discharging huge quantity of sewage (2976.4 MLD).*
 - (iv) *Najafgarh and Shahdara drains, which are the major source of sewage discharge (507.4 MGD), are said to be not feasible for interception. No timeline is disclosed for completion of Interceptor Sewer Project to divert flow of these two drains.*
 - (v) *There is a gap of 222 MGD in sewage treatment thus untreated sewage is being discharged into Yamuna. For assessing the factual status, sewage being discharged through drains and sewage diverted to STPs is to be accounted for.*

(vi) In the Performance results on STPs, no data has been provided for faecal coliform. The performance results provided by CPCB in their report on nine STPs, show that only two STPs are meeting with FC norms.

3.1 ED technical NMCG informed that a District Ganga Committee has to be constituted in each districts of GNCTD which will be further notified by NMCG.

3.2 Chief Secretary, GNCTD directed DJB to constituted District Ganga Committees as per River Ganga (Rejuvenation, Protection and Management Authorities Order, 2016).

4. Order dated 13.02.2024 of Hon'ble NGT in the said matter was also briefed to the HLC, which is as follows:

1. I.A. No. 72/2024 has been filed on behalf of the applicant-Nizamuddin West Association seeking certain direction in respect of Barapulla drain.
2. Issue notice on the Interlocutory Application.
3. ...the applicant will serve the respondents who are not represented today and file affidavit of service at least one week before the next date of hearing.

The next date of hearing in the said matter is scheduled on 25.04.2024.

5. Achievements of HLC since January, 2023 were apprised to the HLC, as briefed in following Table:

S. No	Achievements	Status in January, 2023	Status in January, 2024
1	Improvement in Water Quality of Yamuna river in Dec. 2023 at ISBT in comparison to Dec. 2022: (i) BOD (in mg/l) (ii) COD (in mg/l) (iii) Faecal Coliform (in lakh MPN/100 ml)	BOD: 46 mg/l COD: 272 mg/l Faecal Coliform: 0.63 lakh MPN/ 100 ml (Data of Dec. 2022)	BOD: 37 mg/l (~20% improvement) COD: 128 mg/l (~53% improvement) Faecal Coliform: 0.17 lakh MPN/ 100 ml (~73% improvement)
2	Improvement in Water Quality of Yamuna river in Dec. 2023 at Asgarpur in comparison Dec. 2022: (i) BOD (in mg/l) (ii) COD (in mg/l) (iii) Faecal Coliform (in lakh MPN/100 ml)	BOD: 73 mg/l COD: 250 mg/l Faecal Coliform: 8.1 lakh MPN/ 100 ml (Data of Dec. 2022)	BOD: 54 mg/l (~26% improvement) COD: 181 mg/l (~27.6% improvement) Faecal Coliform: 3.1 lakh MPN/ 100 ml (~61.7% improvement)
3	Increase in sewage treatment capacity	632 MGD	667 MGD (increased by 35 MGD)
4	Increase in treatment of sewage	530 MGD	565 MGD (increased by 35 MGD)
5	Significant progress in major projects:	(in percentage of completion of works)	

	(a) Construction of New 124 MGD STP at Okhla	76.7%	94.85%
	(b) Construction of New 7 MGD STP at Sonia Vihar	38.84%	86%
	(c) Rehabilitation / Upgradation of 40 MGD STP at Rithala Phase II	29%	100%
	(d) Rehabilitation / Upgradation of 25 MGD STP at Kondli Phase II (Liquid stream started on 24.06.2023)	85%	Under Test & Trial run
	(e) Rehabilitation / Upgradation of 45 MGD STPs at Kondli Phase IV	07%	84%
6	Allotment of land for DSTPs	-	Land at 36 location allotted / being allotted, out of 40 DSTPs
7	Trapping of sub drains of Najafgarh & Supplementary Drains	06	50 (increased by 44)
8	Laying of Sewerage Network in Unauthorized Colonies	747	1064 (increased by 317)
9	Connection of JJ Clusters with the Sewerage Networks	558	580 (increased by 22)
10	De-silting of Trunk / Peripheral Sewer ≥ 1000 mm diameter	0	68.82 Km
11	De-silting of Sewer ≤ 1000 mm diameter	0	247.65 Km
12	Disconnection of Storm Water Drains with sewerage system	183 Storm Water Drains disconnected	
13	Removal of encroachment from Flood Plain of Yamuna	Encroachment removed from 102.93 Hectares of Flood Plain of Yamuna	Encroachment removed from 119.98 Hectares of Flood Plain of Yamuna.

6. It was observed that the action is lagging by the concerned Departments / Organizations on the following major issues, wherein projects are being / have been running behind the pre-decided timelines:

S. No.	Project	Timeline (As per Action Plan of HLC)	Revised Timeline	Remarks (Status in December, 2023)	Remarks (Status in January, 2024)
1.	Construction of New 124 MGD STP at Okhla	June, 2023	March, 2024	Physical Progress - 94.7% Started taking effluent in December, 2023.	Physical Progress - 94.85% Started taking effluent in December, 2023.
2.	Construction of New 07 MGD STP at Sonia	Sept, 2023	March, 2024	Physical Progress - 82.5%	Physical Progress - 86%

	Vihar				
3.	Rehabilitation / Upgradation of following major STPs				
	(i) 40 MGD Rithala Phase I STP	June, 2023	March, 2024	Liquid Line started in June, 2023.	Physical Progress – 96.08% Under trial run
	(iii) 25 MGD Kondli Phase II STP	June, 2023	March, 2024	Liquid Line started in June, 2023.	Physical Progress – 97.40% Under trial run
	(iv) 45 MGD Kondli Phase IV STP	October, 2023	March, 2024	Physical Progress – 78 %	Physical Progress – 84 %
	(v) 10 MGD Yamuna Vihar Phase II STP (5 MGD to be added)	Sept, 2023	March, 2024	Physical Progress – 89 %	Physical Progress – 92 %
4.	Providing Sewerage Network in Unauthorized Colonies	Sewerage Network provided in 277 Unauthorized Colonies, against the target of 573 Unauthorized Colonies in which work of laying of sewerage network was in progress.			Sewerage Network provided in 306 Unauthorized Colonies, against the target of 573 Unauthorized Colonies in which work of laying of sewerage network was in progress.
5.	Connection of drainage system of JJ Clusters with sewerage network / DSTPs	22 JJ Clusters connected to sewerage network against the target of 81 JJ Clusters.			22 JJ Clusters connected to sewerage network against the target of 81 JJ Clusters.
6.	Trapping of 76 Sub Drains of Najafgarh Drain, Supplementary Drain and Shahdara Outfall Drain	50 Sub drains trapped [21 Sub drains of Najafgarh Drain & 29 Sub drains of Supplementary Drain] against the target of 76 drains by October, 2023. Two Sub Drains of Shahdara Drain are yet to be trapped (Timeline was June, 2023).			50 Sub drains trapped [21 Sub drains of Najafgarh Drain & 29 Sub drains of Supplementary Drain] against the target of 76 drains by October, 2023. Two Sub Drains of Shahdara Drain are yet to be trapped (Timeline was June, 2023).
7.	Performance Audit by DJB of 11 major drains trapped and sub drains through an independent agency	Timeline – February, 2023 (Revised Timeline–March-2024). Preliminary survey of 200 sub drains completed. Report of 63 sub drains submitted to DJB. Findings of Performance Audit Report are annexed at Annexure 'B'.			•Preliminary survey of 200 sub drains completed. • 126 sub-drains tapped •36 sub-drains untapped & rest partially tapped. •Revised Timeline: March, 2024
8.	Allotment of land to DJB by DDA (6 Parcels) and Revenue Department (3 Parcels) for the DSTPs.	Land for DSTPs shall be allotted by DDA & Revenue Department soon, except the cases pending before the Courts.			Land for DSTPs shall be allotted by DDA. At two locations land vacated on 24.01.2024, land to be allotted to DJB by Revenue Department.

9.	De-silting of Trunk / Peripheral Sewer ≥ 1000 mm Diameter	Out of 200 km, 66.428 km de-silted against the target of 94.93 km (Timeline-June, 2023, Revised Timeline -June, 2024).				Out of 200 km, 68.82 km de-silted against the target of 94.93 km (Timeline-June, 2023, Revised Timeline -Dec, 2024).			
10	De-silting of Sewer ≤ 1000 mm Diameter	Out of 529.5 km, 162.25 km de-silted				Out of 529.5 km, 247.65 km de-silted			
11	Utilization of treated wastewater from STPs [Projects of Pappankalan (20 MGD), Nilothi (20 MGD) and Najafgarh (5 MGD) completed & commissioned]	Project	Timeline (As per Action Plan of HLC)	Revised Timeline	Remarks (Physical Progress)	Project	Timeline (As per Action Plan of HLC)	Revised Timeline	Remarks (Physical Progress)
		Sanjay Lake (10 MGD) (from Kondli STP)	March, 2023	March, 2024	98%	Sanjay Lake (10 MGD) (from Kondli STP)	Mar, 2023	Mar, 2024	98%
		Smriti Van/ Lake (10 MGD) from Kondli STP)	March, 2023	March, 2024	96%	Smriti Van/ Lake (10 MGD) from Kondli STP)	Mar, 2023	Mar, 2024	99%
		Rohini Lake No 1 (15MGD)	August, 2023	Dec, 2023	98%	Rohini Lake No 1 (15MGD)	Aug, 2023	Dec, 2023	98%
		Rohini Lake No 2 (15MGD)	Dec, 2023	January, 2024	95%	Rohini Lake No 2 (15MGD)	Dec, 2023	Jan, 2024	95%
		NTPC Eco Park (5 MGD) (from Okhla STP)	July, 2023	March, 2024	43%	NTPC Eco Park (5 MGD) (from Okhla STP)	July, 2023	Mar 2024	43%
12	Projects for Restoration & Rejuvenation of River Yamuna Flood Plains and removal of encroachment.	- Asita East (Part B) and Asita West (Part B) - Kalindi Aviral (Part B inclusive of Baansera) - Amrut Biodiversity Park (Eastern Bank & Western Bank) - Ghat Area Wazirabad to Old Railway				- Asita East [Part B: 107 Ha (Timeline: Mar. 2024)] and Asita West [Part B: 107 Ha inclusive of Baansera] - Kalindi Aviral [Part B: 163 Ha] - Amrut Biodiversity Park (Eastern Bank & Western Bank)[Part A: 90 Ha, Part B: 18 Ha, Part C: 8.25 Ha]			

		Bridge (Part A: Qudsia Ghat) • Ghat Area Wazirabad to Old Railway Bridge (Part B: Sur Ghat) • Yamuna Vanasthali	(Timeline: May, 2024)] • Ghat Area Wazirabad to Old Railway Bridge [Part A(Qudsia Ghat): 16 Ha] • Ghat Area Wazirabad to Old Railway Bridge [Part B(Sur Ghat): 13.6 Ha] • Yamuna Vanasthali [Area: 236.5 Ha] Total Area under Encroachment: 1366.75 Ha (a) Completed: 283 Ha (b) In Progress: 640.75 Ha (c) In Planning: 443 Ha
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7. After deliberations and detailed discussions on the above mentioned issues, the following decisions were taken w.r.t. action points of the “*Action Plan for Rejuvenation of River Yamuna*”:

- (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 viz. (i) Solar Power Generation along Najafgarh Drain, and (ii) Najafgarh Jheel (Environmental Management Plan)

7.1 100 Percent Treatment of Sewage

7.1.1 Sewage Management in Delhi: Present scenario

Estimated Sewage Generation : **792 MGD** (80% of 990 MGD Water Supply)

Installed Treatment Capacity of 37 Operational STPs of DJB : **667 MGD** (84.2% of Estimated Sewage Generation)

Capacity Utilization of existing 37 STPs : **565 MGD** (84.7% of installed capacity and 71.34% of estimated sewage generation)

Gap in Capacity : **125 MGD** (15.8%)

Gap in Treatment : **227 MGD** (28.6%)

7.1.1.1 Chief Secretary enquired from DJB regarding status of STPs that are under-utilized currently. Member Drainage, DJB informed that after completion of construction/ rehabilitation/ upgradation of STPs, STPs will be fully utilized, including achievement of

prescribed standards. The utilization of the STPs at present is 565 MGD (71.4 % of estimated sewage generation) and target timeline for full utilization is June, 2024.

The plan for utilization of such STPs submitted by DJB is at **Annexure-'B'**.

7.1.2 Focus Areas for Enhancing Sewage Treatment Capacity (297.5 MGD)

Construction of 3 New STPs at Okhla, Delhi Gate and Sonia Vihar	:	47 MGD
Construction of 40 New DSTPs	:	92 MGD
Rehabilitation of existing 2 STPs [Rithala Phase I & Yamuna Vihar Phase II]	:	45 MGD
Up-gradation and increasing capacity of existing 18 STPs	:	113.5 MGD

7.1.3 Future Scenario (As per Action Plan & Revised Timelines)

7.1.3.1 After construction of new STPs / DSTPs, Rehabilitation/ Up-gradation of Existing STPs & other projects of DJB]

As per Action Plan		Revised Timelines & Scenario	
Timelines	Capacity (in MGD)	Timelines	Capacity (in MGD)
June, 2023	727	March, 2024	814
December, 2023	814	December, 2024	922
June, 2024	964.5	March, 2025	964.5

7.1.3.2 As decided earlier, it was emphasized that all the STPs (existing as well as new) with total capacity of 964.5 MGD should achieve BOD / TSS: 10/10 mg/l by March, 2025.

7.1.4 Water Quality Monitoring Results

7.1.4.1 Water Quality of River Yamuna at eight locations viz. ISBT Bridge, ITO Bridge, Nizamudin Bridge, Okhla Barrage, Agra Canal at Okhla Barrage and Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad Drains) is being monitored by DPCC on monthly basis.

7.1.4.2 Comparative results of Analysis Reports of Water Quality of River Yamuna at six locations in respect of BOD, COD, DO and Faecal Coliform for the months of January, 2023 and January, 2024 in Tabular Form (**Annexure 'C'**) was apprised to HLC.

7.1.4.3 Analysis Reports show that there is improvement in the Water Quality of River Yamuna at ISBT Bridge, ITO Bridge, Nizamudin Bridge, Okhla Barrage, Agra Canal at Okhla Barrage and Asgarpur in respect of BOD & COD the month of January, 2024 in comparison to January, 2023.

7.1.4.4 Water Quality of 12 Untapped drains out-falling into River Yamuna of January, 2023 and January, 2024 was also apprised to HLC and it was informed that Water Quality (BOD, TSS & COD) of these 12 Untapped Drains also improved in January, 2024 in comparison to January, 2023. The data of water quality of such 12 Untapped Drains is at **Annexure 'D'**.

7.1.4.5 HLC 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 in the months of January, 2024 in comparison to corresponding months of 2022 and 2023, as may be seen from the data contained in the following tables:

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

Location	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Najafgarh Drain (Before Outfall into Yamuna)	2022	80	85	75	80	76	70	73	75	70	65	66	68
	2023	53	55	58	60	48	50	46	42	44	48	52	46
	2024	43	-	-	-	-	-	-	-	-	-	-	-
ISBT (After meeting Najafgarh Drain)	2022	42	45	48	50	55	68	66	56	54	52	50	46
	2023	38	40	44	48	38	42	38	36	40	44	38	35
	2024	37	-	-	-	-	-	-	-	-	-	-	-
Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad Drains)	2022	60	65	70	75	80	75	76	66	75	75	70	73
	2023	56	52	54	58	48	58	40	35	43	50	56	51
	2024	54	-	-	-	-	-	-	-	-	-	-	-

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

Location	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Najafgarh Drain (Before Outfall into Yamuna)	2022	304	320	336	352	320	346	373	384	352	336	320	384
	2023	272	288	293	272	224	213	192	186	208	240	264	248
	2024	282	-	-	-	-	-	-	-	-	-	-	-
ISBT (After meeting Najafgarh Drain)	2022	208	224	240	256	272	88	304	320	288	272	192	272
	2023	208	272	272	256	240	224	208	192	196	213	112	202
	2024	128	-	-	-	-	-	-	-	-	-	-	-
Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad Drains)	2022	192	224	232	240	256	266	240	272	272	288	304	250
	2023	186	176	181	192	196	181	152	112	144	176	184	170
	2024	181	-	-	-	-	-	-	-	-	-	-	-

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

Location	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Najafgarh Drain (Before Outfall into Yamuna)	2022	DPCC Laboratory is not carrying out monitoring of Faecal Coliform in Drains out falling into river Yamuna.											
	2023												
	2024												
ISBT (After meeting Najafgarh Drain)	2022	2.1	1.07	3.1	2.6	2.7	2.5	1.7	2.4	2.2	2.4	2.1	0.63
	2023	1.0	0.1	0.2	0.25	0.2	0.22	0.17	0.06	0.08	0.9	0.01	0.1
	2024	0.17	-	-	-	-	-	-	-	-	-	-	-

Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad Drains)	2022	8.4	7.9	8.4	6.1	8.1	8.3	8.1	6.8	6.0	6.1	6.8	8.10
	2023	2.0	2.5	4.3	4.7	4.0	4.30	3.20	1.70	2.0	2.5	3.20	2.40
	2024	3.1	-	-	-	-	-	-	-	-	-	-	-

7.1.4.6 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 $\geq$ 5mg / l, BOD $\leq$ 03 mg/ l, and Faecal Coliform $\leq$ 2500 MPN / 100ml.

7.1.5 Monitoring of STPs

7.1.5.1 Member Secretary, DPCC informed that there are 37 STPs of Delhi Jal Board operating in Delhi out of which 36 were monitored in the month of January, 2024 [as flow was not observed in one STP (Molar Band STP) at the time of sampling].

7.1.5.2 In last meeting DJB was asked about status of remaining 21 STPs not meeting the prescribed standards of BOD (10 mg/l) & TSS (10 mg/l), despite constructed as per design parameters of BOD : TSS (30:50 / 20:30 / 15:20 / 10:15 mg/l). The report submitted by DJB is at Annexure-‘E’.

7.1.5.3 Chief Secretary, GNCTD directed to expedite the work and complete all projects by June, 2024.

7.1.6 Progress in construction of 03 New STPs [Okhla, Sonia Vihar & Delhi Gate]

7.1.6.1 HLC was informed about the progress made in construction of 03 New STPs at Okhla, Sonia Vihar & Delhi Gate. It was informed that the progress between 25th December, 2023 to 10th February, 2024 is as follows:

- (i) **Okhla (124 MGD Capacity):** Total Progress 94.85% (0.15% in above period) (Started taking effluent in December, 2023).
- (ii) **Sonia Vihar (07 MGD Capacity):** Total Progress 86% (3.5% in above period)
- (iii) **Delhi Gate STP (10 MGD):** DDA informed permission for removal of religious structure has been received. Encroachment was removed as per HLC direction in the last meeting and land allotted to DJB on 08.02.24.

7.1.6.2 Chief Secretary directed DJB to complete the payment within a week.

7.1.6.3 During the previous meeting Chief Secretary, GNCTD took serious note on the delay in Okhla and Sonia Vihar projects and directed CEO DJB, to examine lapses on part of engineers/ officers responsible for delay. DJB submitted that explanation have been sought from concerned nodal officers. DJB also informed that both the said works will be completed by March, 2024.

7.1.7 Construction of New DSTPs

7.1.7.1 In respect of 40 DSTPs, it was informed that there were land allotment issues in case of 19 DSTPs and 10 SPS. It was informed that out of total 19 DSTPs, land has been allotted/ being allotted in respect of 10 DSTPs and in 9 cases land is to be allotted to DJB by DDA / Revenue Department, GNCTD.

7.1.7.2 Status in respect of all 40 DSTPs was briefed to the Committee and given below:

- Work under award - 01 Case
- Tender Received - 14 Cases
- Tender Invited - 01 Case
- Tender to be Invited/ Re-invited - 16 Cases
- Estimate under approval - 02 Cases
- Land yet to be allotted - 08 Cases

7.1.7.3 Land Allotment Issues for SPS

7.1.7.4 DJB informed that in case of 09 SPS, land is to be allotted to DJB by DDA / Revenue Department, GNCTD.

7.1.7.5 Chief Secretary, GNCTD directed Divisional Commissioner-cum-ACS (Revenue) to expedite allocation of private land at two locations to DJB.

7.1.7.6 It was apprised that State High Powered Steering Committee (SHPSC) under Chairmanship of Addl. Chief Secretary (UD), in the last meeting, deliberated the budgetary issues of 13 DSTPs and shall place these issues in the forthcoming meeting of State High Powered Steering Committee (SHPSC).

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

7.1.8.1 The 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 25th December, 2023 to 10th February, 2024 as given below:

(i)	Kondli Phase-II (25 MGD)	Total Progress – 97.40 % (0.50 % in above period) [Timeline–June, 2023, Revised Timeline - March, 2024]
(ii)	Rithala Phase-I (40 MGD)	Total Progress – 96.08 % (1.33 % in above period) [Timeline–June, 2023, Revised Timeline - March, 2024]
(iii)	Yamuna Vihar Phase-II	Total Progress – 92% (03% in above period) (from 10 to 15 MGD) [Timeline– Sept, 2023, Revised Timeline - March, 2024]

7.1.8.2 DJB was again directed to expedite the completion and commissioning of the rehabilitation of above mentioned 3 STPs, and that any further delay beyond 31.03.2024 would invite strict disciplinary action against delinquent concerned senior officers.

7.1.9 Progress of up-gradation of existing 18 STPs

7.1.9.1 Progress/ Status in respect of up-gradation of existing 18 STPs was briefed to the Committee. Member Drainage, DJB informed that:

- (i) in case of work of up gradation of Rithala Phase-II (40 MGD) STP has been completed as already briefed to the HLC in the last meeting;
- (ii) in case of Kondli Phase-IV (45 MGD) STP, 6% progress was made between 25th December, 2023 to 10th February, 2024 (cumulative progress 84%) and revised timelines for completion is March, 2024 (Earlier Timeline was October, 2023);
- (iii) In case of Keshopur Ph-II it was informed that one stream has been commissioned and upgraded.
- (iv) In case of 08 STPs, work is in progress with 37-50% work completed and revised timeline for completion of these projects is June, 2024 (Earlier Timeline was December, 2023 and next revised timeline was March, 2024);
- (v) Regarding up-gradation of four STPs it was informed that due to financial crunch upgradation of STPs has been deferred. However, effluent of these STPs is being discharged into Barapullah drain that is being tapped into Okhla STP. Moreover, effluent of these STPs is going to be utilized in nearby farm-houses, golf course etc. Revised timeline for completion of these projects is March, 2025 (Earlier Timeline was December, 2024).
- (vi) In case of Yamuna Vihar Phase – I STP (Earlier Timeline was June, 2024, Revised timeline is March, 2025), tender is being re-invited;
- (vii) In 02 other cases files are under process for a long period of time (for administrative approval of estimate in one case and for approval of work in another case), which needs to be expedited.

7.1.9.2 Member Drainage, DJB informed that they are trying to save existing structure/ facilities as far as possible to save the revenue during up gradation/ rehabilitation of STPs which causes delay in work. It was requested to revise timeline of 08 STPs projects, where progress of work is 37-50% to June, 2024.

7.1.9.3 Chief Secretary also directed CEO, DJB to expedite the work of upgradation of remaining STPs without repeatedly extending timelines.

7.1.9.4 Chief Secretary, GNCTD enquired about per MGD cost of operation and maintenance of STPs and directed DJB to workout and submit details on this matter with help of an expert committee.

7.1.9.5 During previous meeting Chief Secretary, GNCTD took serious note of the delay in these projects and directed CEO DJB, to examine lapses on part of engineers/ officers responsible for delay. DJB submitted that explanation have been sought from concerned nodal officers.

7.1.10 Progress of De-silting of Trunk / Peripheral Sewer Lines (approx. 200 km) and sewer line below 1000 mm diameter (approx. 529.5 Km)

7.1.10.1 The progress of de-silting of Trunk/ Peripheral sewer lines (approximate 200 km) was briefed to the Committee. Out of 200 km, only 68.82 km sewer line has been de-silted against the target of 94.93 km with timeline of June, 2023. The committee expressed its dissatisfaction at slow pace of desilting works.

7.1.10.2 Revised Timeline for completion of de-silting of Trunk / Peripheral sewer lines submitted by DJB June, 2024.

7.1.10.3 It was also informed that de-silting work of sewer line below 1000 mm diameter (approx. 529.5 Km) has also been taken up by DJB and 247.65 Km of sewer line has been de-silted. Revised Timeline for completion of de-silting of sewer line below 1000 mm diameter (approx. 529.5 Km) is June, 2024 against earlier timeline of December, 2023.

7.1.10.4 DJB was also directed to expedite the work of de-silting of Trunk / Peripheral Sewer Lines and Sewers below 1000 mm diameter without any further delay.

7.1.11 Interconnections between Storm Water Drains and Sewerage System (both way)

- (i) MCD surveyed 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 out of which MCD has disconnected 183 no. of drains;
- (ii) In case of 13 drains, 06 drains will be disconnected by MCD through their own funds out of which work of 01 drain work is in progress, in 01 drain work has been awarded and in 04 cases tender is to be done. In the rest 06 cases funding from Urban Development (UD) Department has been requested under AMRUT 2.0. In remaining 01 case matter is pending due to fund issue. MCD will expedite action on there 13 drains and budgetary issues need to be coordinated with UD Department.
- (iii) It was informed that in case of 52 drains pertaining to MCD/PWD/IF&CD/DSI IDC and 05 untraceable drains joint inspection had been carried and report needs to submitted shortly by DJB.
- (iv) In case of 56 drains where it is not feasible to disconnect/ plug these drains, MCD has submitted details to DJB which has to be examined and reported before next HLC meeting.
- (v) Further, in regard to list of 191 points / drains in which there is discharge of waste water from the sewerage system of DJB, joint inspection was carried out and 72 drains were found trapped, 05 drains were found partially trapped, 34 drains were not trapped, 70 drains were not identified, 08 drains were either not feasible or were found dry. DJB will submit Action Plan for all drains before next HLC meeting.

7.1.12 Chief Secretary directed respective Drain owning agencies to submit action plan on disconnecting 52 drains before the next meeting of HLC.

7.2 Tapping of Drains:

7.2.1 It was informed that following 22 drains are out-falling into river Yamuna in Delhi:

- 02 Drains [Najafgarh (including Supplementary Drain) & Shahdara] being large drains and technically not feasible to tap whole drain however included in Interceptor Sewer Project where substantial flow of sub-drains has been / will be tapped.
- 02 Drains (Delhi Gate Drain & Sen Nursing Home Drain) Partially Tapped;
- 09 drains flow yet to be tapped / diverted to Sewer / STPs for treatment.
- 09 Drains Tapped;

7.2.2 Status of above mentioned 13 Untapped Drains along with proposed action by DJB was briefed to HLC, including following three major drains:

- (i) In case of Barapulla Drain and Maharani Bagh Drain, 57.17% cumulative progress has been made and the revised timeline for completion of the work is March, 2024 (Timeline in the Action Plan was September, 2023);
- (ii) In case of Mori Gate drain, cumulative progress is 62% and revised timeline for completion of the work is March, 2024 (Timeline in the Action Plan was September, 2023).

7.2.3 In respect of two drains (Kailash Nagar Drain and Shastri Park Drain), it was informed that at Shastri Park Drain one DSTP is being constructed by MCD. In Kailash Nagar Drain, joint inspection and survey was carried out and action plan will be submitted by DJB.

7.2.4 There is no progress in the tapping of remaining 08 drains since last HLC meeting.

7.3 Trapping of 76 Sub-drains

7.3.1 Progress of tapping of 76 sub-drains of Najafgarh Drain, Supplementary Drain and Shahdara Out fall Drain was briefed to the Committee where there was found to be no progress as under:

- (i) Out of 76 sub-drains, 50 sub drains [21 sub drains out-falling into Najafgarh Drain and 29 sub-drains out-falling into Supplementary Drain] have been tapped against the target of 76 sub-drains by October, 2023 (Revised Timelines: April, 2024);
- (ii) Two sub-drains of Shahdara Drain are yet to be tapped (Timeline was June, 2023) (Revised Timelines: June, 2024);
- (iii) Revised Timelines of remaining sub-drains are provided by DJB.

7.3.2 Chief Secretary, GNCTD had previously enquired why Trunk Drain no. 4 & 5 Brijwasan Drain Outfall of Chhawla Bridge, Goela Village Drain, NG Pond Drain, Mahipal Pur Drain, MCD Drain / Inlet old course of NG Drain are showing no progress regarding interception of Sewerage.

7.3.3 Member Drainage , DJB informed that Trunk Drain no. 4 & 5 pertains to DDA, in Brijwasan Drain Outfall of Chhawla Bridge, Goela Village Drain & NG Pond Drain payment

has to be done to DDA which will be resolved in a week, in Mahipal Pur Drain land has been allotted in Rangpuri recently.

7.3.4 CEO, DJB was asked in the last meeting to look into the matter on delay in trapping of sub-drain and submit report. It was submitted that 14 Nos. sub-drains are associated with construction of DSTPs. The timeline for the same will be furnished in due course. 02 sub-drains pertain to DDA, 01 sub-drain outfalling into Najafgarh drain will be tapped by February 2024, 03 sub-drains will be tapped after allocation of land which is sub-judicious, 02 sub-drains outfalling into Shahdara Drain will be tapped by June 2024, 01 sub drain outfalling into Supplementary Drain for which DSTP is to be constructed will be tapped by April 2024.

7.3.5 Regarding Performance Audit of already tapped 11 major drains and all sub-drains by M/s WAPCOS, the committee reiterated that the audit should be completed within the revised Timeline of March, 2024 (Timeline in the Action Plan was February, 2023).

7.3.6 It was also decided that Performance Audit of such un-tapped drains and partially tapped drains shall be conducted prior to next meeting of HLC meeting after tapping these sub-drains, so that no leakages of sewerage took place in such sub-drains.

7.3.7 The Chief Secretary directed all the Drain Owning Agencies (DOAs) to maintain their drains after Tapping of these Drains by DJB, by providing & maintaining proper screens for arresting & removal of floating materials from the drains and submit Action Taken Report by next HLC meeting.

7.4 Sewerage Network in 1,799 Unauthorised Colonies & Connection of 639 JJ Clusters with the Sewerage System of DJB

7.4.1 Sewerage Network in 1,799 Unauthorised Colonies

7.4.1.1 The progress made in extending sewerage network to 1,799 unauthorised colonies was appraised to the Committee. The sewer line was laid and notified in 747 unauthorised colonies when the Action Plan for rejuvenation of river Yamuna was prepared in Jan. 2023 wherein the following was decided w.r.t. remaining 1052 unauthorised colonies in January, 2023:

- (i) Work of sewer network was in progress in 573 unauthorised colonies in January, 2023, which was to be completed by December, 2023. So far, sewer network has been provided in 306 unauthorised colonies and is yet to be completed in 267 unauthorised colonies. Detailed discussion was held on the status of 267 unauthorised colonies and the committee was appraised that 90-99% of the works are completed in 31 colonies, 70-89% of the works are completed in 99 colonies, 50-69% of the works are completed in 32 colonies, 25-49% of the works are completed in 18 colonies and 0-24% of the works are completed in 87 colonies.
- (ii) In 161 Unauthorised colonies. NOC was earlier awaited being forest area or "O Zone" or ASI land. It was informed that NOC has been issued by Forest Department in case of 05 unauthorised colonies. The alignment with map is yet to be submitted by DJB to Forest Department in case of 36 unauthorised colonies. Pr. Secretary (Env. & Forest)

informed that for the remaining 73 unauthorised colonies DJB needs to approach Ridge Management Board of Delhi for NOCs. In case of 04 unauthorised colonies falling under "O Zone", it was informed by DDA that one unauthorised colony has been demolished by DDA and in rest 03 colonies, NOCs has been issued by DDA. 05 unauthorised colonies was reported with ASI [wherein ASI gave permission to DJB for one Unauthorised Colony in Mehrauli but if was informed that it belong in affluent colony area, and in case of one Unauthorised Colony (Tuglakabad Area) matter is pending before Hon'ble High Court and 3 Unauthorised Colonies reportedly don't fall under the jurisdiction of ASI, but still falls under affluent colony area. In case of 12 Unauthorised Colonies, laying of sewerage network is not feasible and DJB needs to submit detailed report with reasons and solutions. Further. 26 unauthorised colonies were not traceable earlier, out of which 22 unauthorised colonies have now been traced by DJB with help of GSDL and plan will be submitted by DJB in respect of these Unauthorised Colonies.

(iii) In 318 unauthorised colonies, sewer network is to be laid along with DSTPs, out of which work has been completed in 11 unauthorised colonies an increase of 04 colonies since last HLC meeting.

7.4.1.2 Now, out of 1,799 unauthorised colonies, sewerage network has now been provided in 1,064 unauthorised colonies, witnessing completion in 33 more colonies since last HLC meeting.

7.4.1.3 Chief Secretary, GNCTD showed displeasure over progress work in 267 colonies where laying of sewer network is in progress, and asked DJB to submit details specially in cases of 32 colonies where work progress was at 50-69%, 18 colonies where work progress was at 25-49% and 87 colonies where work progress was just 0- 24%.

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

7.4.2.1 It was informed that there are 639 JJ Clusters out of which 580 are now connected with the sewerage system of DJB. It was further informed that out of remaining 59 JJ Clusters, work is under progress in 2 JJ Clusters, and in one case estimate for DSTP has been prepared & under process for approval. DJB provided the brief status of remaining 56 JJ Clusters as under:

S. No	Measures Proposed by DJB / Status	No. of JJ Clusters
1	Drains to be trapped in sewer line (work in progress)	06
2	Drains will be trapped after commission of proposed sewer network in nearby Unauthorized Colonies	17
3	Drains which can be trapped in to sewerage network by installing lift station	06
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	08

	progress	
6	Not feasible due to space constraints and multiple outfalls, etc.	03
7	Site does not exist	01
	Total	56

7.4.2.2 The HLC observed no progress in connecting JJ clusters since the last meeting and DJB was directed to expedite the work in 56 JJ Clusters and submit detailed individual action plans.

7.4.2.3 CEO, DJB was directed during the last meeting to take a final call on non-feasible JJ clusters on account of disproportionate budgetary requirement which is still awaited.

7.5 Industrial Effluent Management

7.5.1 Member Secretary, DPCC informed that CETPs in Delhi are meeting the prescribed standards in respect of parameters monitored by DPCC.

7.5.2 It was informed that 11 CETPs are being operated and maintained by the CETP Societies. Rest of the two CETPs at Narela & Bawana are being operated and maintained by DSIIDC through their concessionaires and upgradation of both the CETPs was to be carried out by DSIIDC. Addl. Chief Secretary (Industries) as directed in previous meeting informed that in Narela, one line has been commissioned and treated effluent is under prescribed standards, and 50% of treated effluent is used for horticulture purpose.

7.5.3 Regarding taking over of CETPs by DJB it was informed by DJB that as per directions of Hon'ble High Court, Delhi dated 01.02.2024, notification no. FI/CI/OSD/Transfer of CETPs/2021-22/4570/83 dated 01.01.2024 is quashed in case of 04 CETPS.

7.5.4 Chief Secretary, GNCTD asked CEO, DJB about the Legal opinion obtained to challenge the decision in higher bench and directed Industries Department to examine the matter legally and take suitable action immediately.

7.5.5 Chief Secretary, GNCTD reiterated that CEO DJB shall submit the updated Status of remaining CETPs from CETPS Societies by next HLC meeting.

7.5.6 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 04.02.2024 and the same is briefed below:

- Total No. of Dyeing units inspected : 335
- Close down / Sealed / Disconnection of electricity : 13

7.6 Faecal Sludge (Septage) Management

7.6.1 District Magistrates are taking meetings and action against the defaulters. The cumulative action taken by DMs since the notification of "*Delhi Water Board Septage Management Regulations, 2018*" dated 12.11.2018 and cumulative action taken by District Magistrates since said notification is briefed below:

Total No. of Meetings of Septage Management Committees held:	137
No. of Vehicles Tankers found unauthorizedly discharging- septage into Drains etc	: 64
No. of Vehicles/Tankers impounded	: 63
No. of Challans/ Notices issued	: 57
Total Amount of Environmental Compensation Imposed and Received	: Rs. 17.19 Lakhs

7.6.2 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 by the HLC vide order dated 27.01.2023) in its Board meeting held on 04.05.2023. Notifications by UD Department needs to be expedited.

7.6.3 In the 8th HLC Member Secretary, DPCC briefed the orders dated 21.12.2022, 17.10.2023 & 06.12.2023 of Hon'ble NGT in OA No. 365/2021 (Shamsher Singh vs. GNCTD) regarding faecal sludge (septage) management and unauthorized dumping of septage by unauthorized trucks / vehicles on roads, drains and compliance to recommendations of the Joint Committee headed by Hon'ble Justice (Retd.) Sh. S. P. Garg.

7.6.3.1 Main recommendations of the Report of the Joint Committee headed by Hon'ble Justice (Retd.) Sh. S. P. Garg and Order dated 21.12.2022 were on the following issues:

- (i) *Publicity about vendors*
- (ii) *Prescription of fixed rates*
- (iii) *Receipt (Triplicate-consumer, STP, self)*
- (iv) *Display of license numbers on vehicles*
- (v) *Allotment of Territorial jurisdiction to vendors*
- (vi) *Centralized Monitoring System/GPS*
- (vii) *Majority of license to HR vehicles-Challaned by DP (Only 10-DL)*
- (viii) *Lack of ground action by DMs and DJB on septage dumping (As per septage regulations).*

7.6.4 It was observed that compliance to issues listed at (v) to (viii) are not complete and hence DJB was directed to comply with said recommendations within one month and submit compliance report.

7.6.5. Chief Secretary appeared before Hon'ble NGT as directed vide order dated 06.12.2023 in OA No. 365/2021 (Shamsher Singh vs. GNCTD) regarding faecal sludge (septage) management on 02.02.2024 and briefed the action taken to the Hon'ble Tribunal. The next date of hearing on said matter is on 18.04.2024.

7.6.6 One of the proactive steps decided to effectively manage septage through engagement of modern desludging vehicles by DJB and phase out tractors/trolleys.

7.6.7 Hon'ble NGT vide order dated 02.02.2024, issued directions which are briefed as below:

1. Unchecked/ un regulated encroachment into River Yamuna flood plain should be checked/demarcated by GNCTD
2. Full proof in-built central Monitoring system for tracking of vehicles to prevent illegal dumping
3. Competent authority must provide sewerage network / treatment in un-sewered Colonies/ JJ clusters in time bound manner

7.6.8. DJB submitted that the proposal for hiring of vehicles is being reframed after reassessment of Ground realities/future Action Plan of laying of sewer line of DJB.

7.6.9 Chief Secretary, GNCTD decided as below:

1. W.r.t. Centralized Monitoring System DJB to explore other possibilities by inviting fresh Bids and find out solution before Next HLC.
2. Concerned departments shall take immediate action for compliance of Hon'ble NGT directions including direction dated 02.02.2024 and shall submit Action Taken Report by next HLC meeting.
3. DJB shall comply with the orders of Hon'ble NGT in OA No 365/2021, including latest order dated 02.02.2024;
4. UD Department to expedite the issuance of Notification of amendment in Delhi Water Board Septage Management Regulations 2018.

7.7 Restoration & Rejuvenation of Flood Plains and Removal of Encroachments Projects of DDA

7.7.1 In earlier meeting. Special Secretary (Environment)-cum-Member Secretary. DPCC informed that there is another NGT case in OA No. 537/2023 (In re: News report published in The Times of India dated 22.08.2023 titled "*Why Flooding Has Forced DDA's Master Plan Rethink*" constituting High Level Committee under chairmanship of Chief Secretary, Delhi for demarcation of flood plains of Yamuna and suggesting measures to prevent and remove encroachment and unauthorized constructions falling within the flood plains, was also discussed.

7.7.2 DDA has submitted information and basic data related to flood plains encroachment, but is not comprehensive across the entire landscape and hence shall be submitted accordingly.

7.7.3 DDA shall expedite the projects related to restoration & rejuvenation of flood plains of river Yamuna and is yet to be submit revised timelines of the projects, and thus needs to be expedited.

7.7.4 Action for removal of encroachment from flood plain be taken by DDA on priority basis with the help of concerned District Magistrates, and DDA should ensure protection to flood plains by providing proper fencing at boundary of such flood plains.

7.7.5 DDA provided Status and progress of 10 projects for restoration & rejuvenation of flood plains of river Yamuna and removal of encroachment, which was briefed to the Committee. As directed in previous meeting, DDA also submitted information and basic data related to flood plains encroachment, but lacked completeness. Thus DDA was directed to provide the Action Taken Report before next HLC meeting.

7.8 Utilization of Treated Waste Water

7.8.1 It was informed out of 565 MGD treated STP water, 125 MGD (90 MGD + 35 MGD) is being used in Horticulture and Lake rejuvenation & Water Bodies etc., 267 MGD is the mandatory return flow in river Yamuna, 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.

7.7.2 DJB has following projects for utilization of 75 MGD treated STP water:

Smiriti Van/ Lake (10 MGD)	:	99% (Timeline – March, 2023); Revised Timeline - March, 2024
Sanjay Lake from Kondli STP (10 MGD)	:	98% (Timeline – March, 2023); Revised Timeline - March, 2024 It was informed that the permission from UP Irrigation Department has been received.
NTPC Eco Park (5 MGD)	:	43% (Timeline – July, 2023); Revised Timeline - March, 2024 It was informed that the permission for crossing the Agra Canal is awaited from UP Irrigation Department.
Rohini Lake No. 1 (15 MGD)	:	98% (Timeline – August, 2023); Revised Timeline –December, 2023. It was informed that the work of the lake has been completed/ being completed, and electric connection is still awaited for commissioning of the same.
Rohini Lake No. 2 (15 MGD)	:	95% (Timeline – Jan, 2023); Revised Timeline - March, 2024. It was informed that the work of the lake has been completed/ being completed, and electric connection is awaited for commissioning of the same.
Okhla (20 MGD)	:	Timeline – December 2023; Revised Timeline - June, 2024). It was informed that bids against the tender have been received and the matter is under process.

7.8.3 During previous meeting. HLC observed that the work of utilization of treated STP water at Sanjay Lake from Kondli STP (10 MGD) was shown as completed, however, the same is yet to be completed as informed during 8th HLC meeting. The Committee had conveyed its strong displeasure about submission of incorrect data in casual manner by concerned officers of DJB and directed CEO, DJB to call for the explanation of concerned Chief Engineer of DJB to explain as to why disciplinary action shall not be recommended against him/her for providing incorrect data to the HLC. DJB informed that "there is a

typographical error resulting in the recorded content and that it is inadvertently recorded that Sanjay Lake has been completed and commissioned.

7.8.4 During previous meeting the Committee also directed DJB to:

(i) Follow up the matter with UP Irrigation Department to obtain its permission for crossing the Agra Canal to ensure utilization of treated sewage water from NTPC Eco Park STP (5 MGD).

(ii) Ensure electric connection for commissioning of the Rohini Lake No. 1 (15 MGD) and Rohini Lake No. 2 (15 MGD) so that treated sewage water may be utilized.

(iii) Expedite the projects related to utilization of treated STP water and submit detailed Action Plan for utilization of treated STP water in various parks/ Lakes etc. by next HLC meeting.

7.8.5 DJB informed that a draft to be sent by Chief Secretary, GNCTD to his counterpart in U.P. was processed. Subsequently, with the intervention of CEO DJB, pending permission from UP irrigation to lay effluent pipe over Hindon bridge as a temporary measure has been received & the pipe has been laid. Now a small stretch of 8m where there is a crossing of a LPG pipe line of GAIL is pending & this permission is also being pursued.

7.8.6 Further it was also informed that CEO, DJB has also issued directions to study the DPR prepared by WAPCOS for the treated effluent utilization and submit the plan. This being an exhaustive work, is being worked out STP command wise.

7.8.7 Chief Secretary, GNCTD directed DJB to take up this matter separately and prepare detailed Action Plan for utilization of treated STP Water.

7.9 Solar Power Generation along Najafgarh Drain.

7.9.1 In earlier meeting, IF&C Department informed that the matter was pursued with SECI and as per their advice DTL was consulted which had opined that Power Purchase Agreement (PPA) is feasible. It was informed that SECI had submitted draft preliminary feasibility report to Power Department on 01.12.2023 for comments and finalization.

7.9.2 IF&C Department informed that a letter dated 13.02.2024 was sent to Solar Energy Corporation of India Ltd, for providing updated status for installation of solar plant along Najafgarh Drain and no further progress in terms of the directions of the HLC was observed. IF&CD was directed to pursue and submit report before next HLC meeting on action taken in coordination with Power Department.

7.9.2 Chief Secretary, GNCTD directed IF&C Department and DJB to get survey of all its assets by SCI so that potential of total generation of electricity can be explored.

7.10 Najafgarh Jheel (Environmental Management Plan)

7.10.1 In earlier meeting, it was decided that Gram Sabha land may be identified and replaced / exchanged by District Magistrate (South West) with land owners of the permanently inundated land to protect the Najafgarh Wetland to the extent possible at the minimum cost to exchequer with the approval of the Competent Authority. The Action Taken Report on the issue is still awaited.

7.10.2 Chief Secretary, GNCTD directed District Magistrate (South West) to expedite the matter and submit Action Taken Report before next HLC.

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

ATTENDANCE SHEET

Subject: 9th 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: 20.02.2024

Time: 02:30 PM

S.No	Name of Officer	Designation and Organization	Email	Mobile No.	Signature
1	Gopender Tomar	CE WB DIA	djb.csbw@gnctd.com	9868127408	
2	S.K. Bhardwaj	CE, DJB	cedrpii@gmail.com	9650290718	
3	JABESTIN A	DCFC (Hd) DoFW	edh@gnctd@delhi.gov.in	9531937669	Asabester
4	Ajay Gupta	CENCO DJB		9650291029	
5	Amit W. Srivastava	ED (T), NMCC	ed-education@technice@nmcc.mca.ni	9971594822	
6	A. Anbarani	CEO DJB			
7	M. Gupta	ACS (UD)			
8	P. Gargan	Director MoF&CC			

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ATTENDANCE SHEET

Subject: 9th 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: 20.02.2024

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S.No	Name of Officer	Designation and Organization	Email	Mobile No.	Signature
9	Ashwani Yadav	Add CEO, DSB	—	—	mmz
10	Sanjeev Mittal	MD, D&D L.	dsidc md@gmail.com	9650072233	km
11	Ashish	consultant, AMRUT MOHUA	ashish.singh@cpa-crisil.com	8892961614	Am
12	H.C. Prasad	US, MOHUA	harishchandra72@gov.in	7982155656	HP
13	A.C. Verma	PSF		9650111072	de
14	Pankaj K. Choudhary	JEN, CPWD	choudharypankaj107@gmail.com	8955295982	PC
15.	H.S. Rawat	SE/ DPA		9868535888	HE
16.	BHUPENDRA K	EE/ DDA	eehedk@gmail.com	9310502842	bhupendra
17.	ANIL BHAR TI	SE DTJ	seetibody@gmail.com	9650291619	A
18.	Mukul Kumar	CE Zone II		9958430007	KL
19.	ANIL KUMAR	CE Zone I	ceisee@gmail.com	9955582507	KL

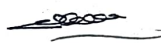
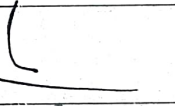
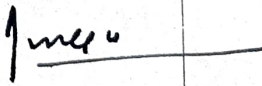
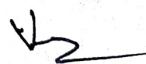
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S.No	Name of Officer	Designation and Organization	Email	Mobile No.	Signature
20.	Ajay Kumar	SE, DJB	acec6.djb@gmail.in	9650302244	
21.	Sudhar Kumar	SE, DJB	acecivil812@gmail.com	9650291444	
22.	N.K. Madan	SME, NMCG	NK.MADAN@Yahoo.in	9650291208	
23.	MANOJ KUMAR	CE (Sondly PM)		9811064437	
24.	MANOJESH RASTOGI	CE/MCA		9717788014	
25.	Adarsh Kumar	SE, DJB	aceadshoni@gmail.com	9650394930	
26.	R.K. Lokhe	SE, DJB	rklokhe24@gmail.in	9650838989	
27.	D.K. SHRIVASTAVA	SE, DJB		9650790888	
28.	Bhupesh Kumar	CE, DJB		9650291577	
29.	Vishal Gandhi	Secy, CPCB	vishalgandhi.cpcb@nic.in	989125423	
30	RATNISH KUMAR	SE, DDA		8763814531	

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