

IN THE HON’BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH AT NEW DELHI
EXECUTION APPLICATION NO. 16/2019
IN
O.A. No. 153 of 2014

IN THE MATTER OF:-

Indian National Trust for Art
and Cultural Heritage ...APPLICANT

VERSUS

Govt. of NCT Of Delhi & Ors. ...RESPONDENTS

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Place: New Delhi

FILED BY

Date: 21.12.2023

JYOTI MENDIRATTA
(Standing Counsel for GNCTD)

**IN THE HON'BLE NATIONAL GREEN TRIBUNAL
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...RESPONDENTS

STATUS REPORT ON BEHALF OF RESPONDENT NO. 1

MOST RESPECTFULLY SHOWETH:-

1. That this Hon'ble Court took up the above mentioned matter on 07.12.2023 and was adjourned to 22.12.2023.
2. The present status report is being filed on behalf of Respondent No.1 through the Wetland Authority of Delhi.
3. The issue in the captioned application pertains to the remedial action taken/to be taken to ensure rejuvenation of the Najafgarh Jheel (Lake) situated on the Delhi-Gurgaon border. The water body thus falls partly in NCT of Delhi and partly in Haryana.
4. That the Hon'ble National Green Tribunal (NGT) as per order dated 17.09.2020 directed the Government of Delhi and Haryana:-

“that it will be appropriate that an Environment Management Plan is prepared jointly by the State of Haryana and NCT of Delhi. The MoEF&CC may steer the proceedings for preparation of Environment Management Plan with the

assistance of CPCB. CPCB may coordinate as a nodal agency. Such plan may be prepared within three months. Action taken report may be filed before the next date by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF”.

5. That, GNCTD has constituted Expert Committee on Najafgarh Jheel vide order no. F.1(15)/DPGS/CC/2018-19/828-836 dated 29.10.2020. Constitution of the Expert Committee order dated 29.10.2020 is annexed herewith as **ANNEXURE-1**.

6. That Wetland Authority of Delhi prepared “Environment Management Plan” (EMP). The Environment Management Plan so prepared was submitted to CPCB as per Hon’ble National Green Tribunal order dated 17.09.2020. Letter dated 22.12.2020 issued to CPCB is annexed herewith as **ANNEXURE-2**.

7. Hon’ble NGT in its subsequent order dated 17.06.2021 remarked that,

“We have considered the matter and find that the issue of restoration of water body in question is significant for the environment but has not received the attention it requires from the authorities. The State of Haryana has neither prepared EMP nor given any explanation for not doing so. None appears for the State of Haryana. The Delhi Government has prepared the draft EMP but execution thereof has to be ensured after completing the EMP”.

8. That the Brief document based upon the ‘Environment Management Plan (EMP) was shared with Ministry of Environment, Forests and Climate Change (MoEF&CC) on 18.08.2021.

9. To initiate the execution of the EMP in Najafgarh Jheel, the interventions suggested in the EMP was converted into an action plan and action points relating to the concerned departments was communicated to the concerned departments, so that necessary actions may be initiated.
10. The following developments and/or actions have been taken:

Status of Water Quality

The monitoring of water quality is being done on quarterly basis by the Delhi Pollution Control Committee (hereinafter referred to as ‘DPCC’), the latest report data dated 18.12.2023 is presented as follows: -

(a) Najafgarh Jheel (upstream)

Flow (MLD)	DO (mg/l)	pH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)
-	3.4	7.0	48	112	25

(b) Najafgarh Jheel (Mid)

Flow (MLD)	DO (mg/l)	pH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)
-	2.0	7.4	60	133	32

11. All requisite information was collected from the stakeholder departments such as Development Department (Agriculture Unit), Delhi Jal Board (DJB), DPCC, Forest & Wild life, I&FC, Power, Public Works Department (PWD), Revenue (South West), Municipal Corporation of Delhi (MCD) and submitted to the Inter-Ministerial Expert Group (hereinafter referred to as the ‘IMEG’) formed by the Ministry of Environment, Forests and Climate Change (hereinafter referred to as ‘MoEF&CC’).
12. The following actions were reported by the responsible departments. Appropriate budget shall be provided by GNCTD for the following actions, if necessary:-

I. Data Needs

S. No.	Actions	Responsible Department	Actions Taken
1.	Current and historical water quality, data of Najafgarh Jheel for all physical/chemical parameters, heavy metals, and bacteriological parameter	DPCC	Performed by DPCC on regular periodic intervals.
2.	Sources of pollution causing deterioration in water quality of Najafgarh Jheel to be identified and quantified	DPCC and IFCD	Monitored by DPCC periodically.
3.	Towns located in the catchment of Najafgarh Jheel and town-wise sewage generation need to be estimated considering 15 year projected population	Delhi Jal Board	The details are given at Annexure-3 . In this connection DJB submitted that they are installing 14 decentralized STPs including 3 in the core area. Delhi Jal Board was asked to submit details on their plans to re use its treated water from its DSTPs
4.	Detailed gap analysis including identification of all drains distributing to pollution in Najafgarh Jheel along with flow and water quality	PWD and MCD	MCD has identified six drains. All the drain are monitored and desilted periodically.

II. Immediate measures:

S. No.	Actions	Responsible Department	Actions Taken
5.	Constitution of Najafgarh Wetlands Committee to: a) oversee compliance with extant regulations; b) Coordinating	Wetland Authority of Delhi	Wetland Authority of Delhi has constituted Najafgarh Wetlands Committee on 19.07.2022 under the chairmanship of District Magistrate

	<p>formulation of the integrated management plan and implementation strategy</p> <p>c) Establishing and maintaining an integrated wetland inventory, assessment, and monitoring system</p> <p>d) Reviewing development plans concerning the wetlands and their zone of influence, and making recommendations for preventing adverse ecological change</p> <p>e) Communication and outreach on wetland values and functions</p> <p>f) Promoting long-term management oriented multidisciplinary research to support wetland conservation and wise use,</p> <p>g) Habitat restoration for enhanced ecological function.</p>		<p>(South West District) with members from all stakeholder departments (MCD, Development Department, PWD, IFCD, Panchayat Department, Forest & Wildlife, DPCC, Power, DJB). Thus, putting in place a wetland assessment and monitoring system to guide effective management planning.</p> <p>The Najafgarh Wetlands Committee is conducting meetings.</p> <p>The minutes of the meeting held on 11.12.2023 is annexed as ANNEXURE-4.</p>
6.	<p>Commissioning hydrological assessment to determine water, sediment, and nutrient fluxes; groundwater recharge; and critically silted up</p>	IFCD	<p>For critically silted up area Bathymetric survey has been carried out for the Najafgarh drain part of the Najafgarh Jheel. The proposed action of the desilting of the drain area falling in</p>

	areas needing de-siltation.		Najafgarh Jheel has been initiated.
7.	Commissioning species inventory	Forest and Wildlife	Preliminary survey has been done by the Forest Department and for regular monitoring of water bird population, training community in bird watching and bird ringing proposal from SACON has been evaluated and payment has been made. The study shall be expedited.
8.	Feasibility assessment for: a) construction of a regulator at Jhateekra to regulate water levels within Najafgarh Jheel, and b) construction of sluices or ducts in the embankment to allow for inundation on the Delhi side.	IFCD	The construction of regulator at Jhateekra and sluices or ducts in the embankment is feasible. However, the same will lead to the submergence/ permanent inundation of private agriculture land parcels in six villages of Delhi, which will have significant socio-economic impact. It may also make these areas vulnerable during floods.
9.	Developing a comprehensive stakeholder-endorsed wetlands management plan based on framework of environment management plan, including measures required for ecological restoration.	Wetland Authority of Delhi	Wetlands management plan on the basis of framework of environment management plan, including measures required for ecological restoration based on lessons learnt during the execution of the action points in the EMP is circulated to all stakeholder departments and monitored.
10.	Constituting Wetland Mitra an informal, voluntary, and non-statutory network of	Wetland Authority of Delhi	Wetland Authority of Delhi has constituted "Wetland Mitras" as an informal, voluntary and

	concerned citizens to foster and promote community engagement in management and ecological restoration (including protection of herenories).		non-statutory network of concerned citizens to foster and promote community engagement in management and ecological restoration. As on date, 112 wetland Mitras are engaged with Wetland Authority of Delhi, out of which 14 mitras belong to South West district where the Najafgarh Jheel is located.
11.	Putting in place a wetland assessment and monitoring system to guide effective management planning.	Wetland Authority of Delhi	Wetland Authority of Delhi has till date conducted Seven meetings with all concerned departments and stakeholders regarding the Execution of the Environment Management Plan for Conservation and Rejuvenation of Najafgarh Jheel to keep a track on their respective progress. The meetings with the stakeholders were conducted by Wetland Authority of Delhi on following dates:- 1. 02.03.2022 2. 06.04.2022 3. 29.06.2022 4. 13.10.2022, 5. 17.11.2022 6. 17.02.2023 7. 05.07.2023 8. 19.12.2023

III. Medium-term measures (within two – three years)

12.	In-situ treatment of major inflowing drains, at least to the	IFCD/ DJBs	DJB submitted that they are installing 14 decentralized STPs
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	<p>tertiary level in compliance with various judicial directives.</p> <p>Constructed wetland technologies may be used to complement the existing wastewater treatment plants.</p>		<p>including 3 in the core area. Delhi Jal Board was asked to submit details on their plans to re use its treated water from its DSTPs</p>
13.	<p>Construction of regulator at Jhateekra and operating the structure to manage water levels for diverse species (based on outcomes of feasibility assessment).</p>	IFCD	<p>The construction of regulator at Jhateekra and sluices or ducts in the embankment is feasible. However, the same will lead to the submergence/ permanent inundation of private agriculture land parcels in six villages of Delhi, which will have significant socio-economic impact. It may also make these areas vulnerable during floods.</p>
14.	<p>Selective dredging to restore natural flow gradients of inflowing drainages (while taking caution not to disturb bird habitats).</p>	MCD/ DJB	<p>MCD submitted that only six drains pertain to them. It was stated that the installation of screens is in process in their six drains and the de-silting is performed on regular basis.</p> <p>MCD has been directed to undertake the de-silting operations in drains without disturbing the bird habitats.</p>
15.	<p>Construction of sluices and ducts in the embankment (based on outcomes of feasibility assessment).</p>	IFCD	<p>The construction of regulator at Jhateekra and sluices or ducts in the embankment is feasible. However, the same will lead to the submergence/</p>

			permanent inundation of private agriculture land parcels in six villages of Delhi, which will have significant socio-economic impact. It may also make these areas vulnerable during floods.
16.	Relocating flow obstructions such as power sub-station.	Power Department	Power Grid Corporation of India (PGCIL) requested to review the proposed route for diversion of following transmission lines:- 765kV S/C (D/C) Jhatikara-Aligarh TL 765kV S/C (D/C) Jhatikara-Agra TL 765kV Jhatikara-Bhiwani TL The Najafgarh Wetland Committee is mandated to oversee compliance and hence requested to review the proposed route for diversion of transmission lines passing over the Najafgarh Jheel as per approved EMP.
17.	Providing alternate road connectivity to the settlements at the two ends of the Najafgarh Jheel, thus reducing vehicular traffic on the embankment, especially during peak migration season of waterbirds.	PWD/ MCD	PWD/ IFCD have been requested to meet INTACH and seek assistance for the issues related to road connectivity. During review meeting chaired by Pr. Secretary (Env.), the departments of IFCD and Revenue were directed to explored along with the details of cost implications applicable for the purpose of alternate

			road.
18.	Manual removal of water hyacinth and other aquatic invasive species in select pockets, and developing enterprise for economic utilization.	IFCD and DJB	Water Hyacinth in Najafgarh drain part of Jheel area is being removed manually/mechanically by IFCD on regular basis.
19.	Training communities in bird watching.	Forest and Wildlife Department	A proposal is received from SACON, Tamil Nadu amounting Rs. 39, 61,474/- for duration of 06 months. The proposal is been evaluated.
20.	Operationalising wetlands hydrological, ecological and socio-economic monitoring and reporting	Wetland Authority of Delhi	Wetland Authority of Delhi has constituted Najafgarh Wetlands Committee on 19.07.2022 under the chairmanship of District Magistrate (South-West District) with members from all stakeholder departments (MCD, Development Department, PWD, IFCD, Panchayat Department, Forest & Wildlife, DPCC, Power, DJB). Thus, putting in place a wetland assessment and monitoring system to guide effective management planning. Stake holders Committee meeting will continue till operationalization of Wetland Management Plan.
21.	Regular monitoring of waterbird population	Forest and Wildlife	The department has received proposal

	following standard protocols as the Asian Water bird Census at all the major congregation sites within and around Najafgarh Jheel	Department	from SACON, Tamil Nadu on 06.10.2022. Proposal amount is Rs. 41, 05,930/- for a duration of three years. The same has been evaluated.
22.	Bird ringing and banding studies to assess movement patterns of key species and connections with other wetlands	Forest and Wildlife Department	Tender for regular monitoring of water bird population, training community in bird watching and bird ringing and banding study is received from SACON and TERI, evaluation of which is under process and is at the stage of awarding
23.	Carbon and Green House Gases flux assessments to determine role of Najafgarh Jheel in climate change.	DPCC	Appropriate department/agency with suitable technical competence for carrying out the study is being identified.
24.	Signage at entry and exit locations, and at key vantage points to communicate the value of Najafgarh Jheel, management arrangements, and dos and don'ts for people while in wetland.	Forest and Wildlife Department	Five signages in each of the six villages, which fall under zone of influence (Rawta, Durala, Shikarpur, Jhateekra, Gumanhera and Jhuljhuli) are proposed to be installed.
25.	Capacity development of line departments and communities on various aspects of wetlands management, responding to needs assessment.	Wetland Authority of Delhi	Wetland Authority of Delhi has constituted Najafgarh Wetlands Committee on 19.07.2022 under the chairmanship of District Magistrate (South-West District) with members from all stakeholder departments (MCD, Development Department, PWD, IFCD, Panchayat Department, Forest &

			<p>Wildlife, DPCC, Power, DJB). Thus, putting in place a wetland assessment and monitoring system.</p> <p>1. A series of eight hand holding training workshops was conducted from Sep-Nov' 2020 regarding brief documents.</p> <p>2. Meeting under the Chairmanship of Hon'ble Minister (Environment) was conducted on 24.05.2022 with land owning agencies.</p> <p>3. The sensitization and capacity development of the concerned stakeholders was conducted on 02.12.2022.</p>
26.	Design of incentive systems (monetary and non-monetary) for communities holding private land titles within wetlands to promote their engagement in wetlands conservation and ecological restoration.	Revenue Department/ Forest and Wildlife Department	The minutes of the meeting of Najafgarh Wetland Committee chaired by District Magistrate (South West) held on 11.12.2023 is annexed as ANNEXURE-5.

IV. Long-term measures (within three – five years)

28.	Hydrological regime restoration by water level regulation at Jhateekra, re-operating sluices on embankment, and (if required) diverting flows to the Jheel	IFCD	The construction of regulator at Jhateekra and sluices or ducts in the embankment will lead to the submergence of the permanent inundation of private agriculture
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	from upstream sources.		land parcels in six villages as mentioned above. The re-operating will be considered once they will be constructed.
29.	Implementing ecological restoration measures (as recommended in the EMP).	Multi departments	Wetland Authority of Delhi requested concerned stakeholders to provide action plans on their concerned action points to further integrate and provide the measures for the ecological restoration.
30.	Constructing a wetland interpretation center (Haritima is a possible location) to educate visitors on the diverse values and functions of the wetland, and create the basis of affirmative behaviour for the conservation of wetlands.	Forest and Wildlife Department	The Haritima Complex is adjacent to the Najafgarh Drain As per discussion with officials of Department of Tourism, I&FC and Nagar Infrastructure the Complex 1 having an area of 2.5 Acre may be handed over to Department of Forest & Wildlife, GNCTD for converting it as Nature Interpretation Centre.

13. That in pursuance of Hon’ble NGT’s direction on 21.01.2022 to Ministry of Environment, Forests and Climate Change (MoEF&CC) towards preparing integrated EMP, Inter-Ministerial Expert Group (IMEG) formed by MoEF&CC consisting of members from (1) CPCB, Ministry of Environment, Forest and Climate Change, GoI (2) Ministry of Jal Shakti, GoI (3) Govt. of Delhi (representative is Chief Engineer, IFCD) and (4) Govt. of Haryana for conservation and rejuvenation of Najafgarh Jheel is meeting regularly and representative of GNCTD is offering all assistance.

14. The Hon'ble National Green Tribunal further on 16.02.2023 disposed of the matter with following directions: -

"We have given due consideration to the issue in the present matter. We are of the view that since issue of control of pollution of drains and water bodies impacting Yamuna is now being dealt with in Delhi by a high level Committee headed by L.G. and issue of rejuvenation of Najafgarh Lake is integral to rejuvenation of Yamuna, the same can also be dealt with by the same Committee as far as Delhi is concerned and by the Chief Secretary, Haryana for the areas in Haryana".

Inter-ministerial Group may continue till remedial measures are completed as directed by this Tribunal vide order dated 09.01.2023 in O.A No. 21/2023.

With above observations, these applications will stand disposed of subject to the issue of rejuvenation of Najafgarh drain being considered further while dealing with rejuvenation of River Yamuna in O.A Nos. 21/2023, 562/2022 and 06/2012.

15. That the HLC in its meeting on 10.10.2023 observed that the prepared plan requires sizeable land and therefore the area needs to be assessed from both requirement and availability of land, and the Najafgarh Wetlands Committee headed by DM (South West) was requested to arrive at a realistic area of the Najafgarh Jheel, so that the EMP can be accordingly modified/finalised. Minutes of meeting dated 10.10.2023 is annexed herewith as ANNEXURE-6.



(Dr. Suneesh Buxy)
CEO, Delhi Parks and Gardens Society
and Member Secretary, Wetland Authority of Delhi

Member Secretary
(Wetland Authority)
Department of Environment
Govt. of NCT of Delhi
"C" Wing, 6th Level, Delhi Secretariat
I.P. Estate, New Delhi-02

OFFICE OF THE WETLAND AUTHORITY
DEPARTMENT OF ENVIRONMENT, GOVT. OF N.C.T. OF DELHI
 "C" Wing, 6th Level, Delhi Secretariat, I.P. Estate, New Delhi - 110002
 Tele-Fax : 011-23392736, Email : ceodpgs@env.delhi@nic.in
 Website : http://dpgs.delhi.govt.nic.in

No. F.1(15)/DPGS/CC/2018-19/828-836

Dated: 29/10/2020

ORDER

I. Conservation of Najafgarh Jheel is subject of Hon'ble NGT OA No. 153/2014, Indian National Trust for Art & Cultural Heritage Vs. Govt. of NCT of Delhi & Ors. and to aid preparation of Environment Management Plan of the Jheel, an Expert Committee is formed of the following members:-

1.	Sh. Ishwar Singh, Principal Chief Conservator of Forests, GNCTD	Chairperson
2.	Dr. C.R. Babu, Professor Emeritus, Centre for Environmental Management of Degraded Ecosystems (CEMDE)	Member
3.	Sh. Manu Bhatnagar, Director, Indian National Trust for Art and Culture Heritage (INTACH)	Member
4.	Dr. Ritesh Kumar, Director, Wetlands International South Asia (WISA)	Member
5.	Ms. Neha Sinha, Advocacy Officer, Bombay Natural History Society (BNHS, India)	Member

II. The terms of reference of the above Expert Committee will be:-

1. To recommend contour level, delineated maps of Najafgarh Jheel and its zone of influence and the total area of Najafgarh Jheel which needs to be notified under Wetlands (Conservation and Management) Rules, 2017.
2. To recommend an Environment Management Plan of Najafgarh Jheel which will also include prohibited and regulated activities.

III. The following members would assist the Expert Committee through field information, data and maps required for the exercise:-

1.	Representative of District Magistrate (South West), GNCTD
2.	Representative of I&FC Department, GNCTD
3.	Representative of GSDL, GNCTD
4.	Representative of Wetland Authority of Delhi, GNCTD

The Committee is requested to submit its recommendations before 30th November' 2020.

This issues with the approval of Hon'ble Minister, Environment and Forest.

(Sanjeev Khosla)
 Principal Secretary
 (Environment, Forests & Wildlife)

Dated: 29/10/2020

To,

1. Sh. Ishwar Singh, Principal Chief Conservator of Forests, GNCTD
2. Dr. C.R. Babu, Professor Emeritus, Centre for Environmental Management of Degraded Ecosystems (CEMDE)
3. Sh. Manu Bhatnagar, Director, Indian National Trust for Art and Culture Heritage (INTACH)
4. Dr. Ritesh Kumar, Director, Wetlands International South Asia (WISA)
5. Ms. Neha Sinha, Advocacy Officer, Bombay Natural History Society (BNHS, India)
6. Distt. Magistrate (South West), GNCTD
7. Chief Engineer (I&FC), GNCTD
8. MD, GSDL, GNCTD
9. Member Secretary (Wetland Authority of Delhi)

OFFICE OF THE WETLAND AUTHORITY
DEPARTMENT OF ENVIRONMENT, GOVT. OF N.C.T. OF DELHI
"C" Wing, 6th Level, Delhi Secretariat, I.P. Estate, New Delhi – 110002
Tele- 011-23392736, Email : ceodpgsenv.delhi@nic.in
Website: <http://dpgs.delhigovt.nic.in>

F. No. - F1 (15)/DPGS/CC/2018-19/ 1154-60.

Dated: 22/12/2020.

To,

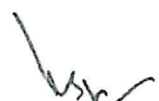
Sh. A. Sudhakar
DH, WQM-I,
Central Pollution Control Board (CPCB),
Parivesh Bhawan,
East Arjun Nagar, Delhi – 110032

Sub: Execution Application No. 16/2019 (Earlier O.A. No. 153/2014) in the matter of Indian National Trust for Art and Cultural Heritage Vs. Govt. of NCT of Delhi & Ors. before Hon'ble NGT, PB New Delhi – reg.

Sir,

This has reference to letter No.14011/1/2020/WQM-1/10199 dated 18.11.2020, pertaining to preparation of Environment Management Plan on the subject cited above.

In this connection, as desired, the Environment Management Plan of the Najafgarh Jheel, prepared by the Expert Committee constituted by the Government of Delhi, is being forwarded in compliance to the order dated 17.09.2020 passed by Hon'ble NGT.


Member Secretary
Wetland Authority of Delhi

F. No. - F1 (15)/DPGS/CC/2018-19/ 1154-60.

Dated: 22/12/2020.

Copy to:

1. Divisional Commissioner-cum-Secretary (Rev.), Rev. Deptt., GNCTD, 5, Sham Nath Marg, Delhi-54
2. Secretary-Cum –Commissioner, Development and Secretary (I&FC), Development Deptt., GNCTD, 5/9, Under Hill Road, Delhi-54
3. Pr. Secretary (Env), GNCTD
4. Director (Panchayat), 1, Kripa Narain Marg, Delhi – 110054
5. Chief Engineer – I&FC, LM Bund Office Complex, Shastri Nagar, Delhi - 110031
6. Sh. Manu Bhatnagar, Director, INTACH, Natural Heritage Division, 71, Lodi Estate, New Delhi – 03


Member Secretary
Wetland Authority of Delhi

Details of Towns located in catchment of Najafgarh Jheel and town-wise sewage generation

S.No	Locations of proposed STPs for Group Of Colonies /Town	Area/Villages Covered	Sewage Generation Considering 15 years projected population (in MLD)	Remarks
1.	Sarangpur	Sarnagpr, Mali kpur, Dhansa, Jhuljhuli, Dariyapur, Ghummanhera, Rural Village Malikpur, Abadi Village Issapur Near Dhansa Village	9	The sewerage network is being laid in entire area and the DSTPs are being constructed. The works are proposed to be completed in about 18 months in phased manner.
2.	Galibpur	Galibpur, Rawta, Daurala	4	
3.	Jafarpur	Jafarpur, Ujwa, Samaspur Khas	9	
4.	Shikarpur	Shikarpur, Jhatikra	3	
5.	Khera Dabar	Khera Dabar, Surehda	5	
6.	Kangan Heri	Kangan Heri, Nanak Heri, Badu Sarai, Raghopur	6	
		Total Projected Sewage Generation	36 MLD	



GOVERNMENT OF NCT OF DELHI

OFFICE OF THE DISTRICT MAGISTRATE (SOUTH-WEST)

OLD TERMINAL TAX BUILDING, KAPASHERA, NEW DELHI- 110037

No. DM/LAC/SW/2023-24/ 82570

Dated: 15.12.23

Subject – Minutes of Wetland Committee held on 11/12/2023 regarding Najafgarh Jheel.

The Office of the Wetland Authority, Dept of Environment, GNCTD had, vide its order dated 19.07.2022, constituted a Najafgarh Jheel Wetland Committee, as one of the measures under the Environment Management Plan in order to expedite protection and restoration of the Najafgarh Jheel in a timebound manner.

2. Accordingly, a meeting with all concerned departments and stakeholders was convened on 17.02.2023 under the chairmanship of the Principal Secretary, Dept of Environment and Forests, to review the progress made in respect to the action points mentioned in the EMP of Najafgarh Jheel. It was suggested during this meeting that Revenue Department may explore Land Acquisition/lease model and calculate the cost implications for further directions.

3 Accordingly, a meeting of the Committee was held on 11/12/2023 and the following was discussed :-

- (1) The representatives from INTACH suggested leasing of land from private landholders within the 209.5 m contour line. It was noted that if the area is permanently inundated anyway, there is no need for wasting public money on acquisition.
- (2) The provision of Section 35 read with Section 36 of the DLR Act, 1954 provide for leasing of holdings but it is very restrictive and does not cover the leasing as proposed by INTACH.
- (3) The option of land acquisition has large financial implications of 268 crores (Approx.) for 115 acres affected inundation. Further, there will be a threat of encroachment of acquired land if water recedes. Govt. lands are under severe threat of encroachment/under encroachment.
- (4) The Gram Sabha land in village Ghumanhera was discussed in the context of exchange of land farmers being allotted this land and they surrendering their land near Jheel in lieu there of. This was found to be not feasible. The said land is allotted to MCD and the land requirement of MCD in urban scenario cannot be ignored. Further, Gram Sabha land are also used for compensatory afforestation requirements arising out of important development projects.

[Signature]
15.12.23

- (5) An unanimous agreement emerged among all members that, rather than expanding the Jheel area, the focus should be on preserving the existing submerged area by safeguarding it from any encroachment. Tourism, I&FC and DJB may explore eco friendly projects in consonance with the law.
4. It was collectively acknowledged that the notification of the Jheel as a Wetland is an interstate matter that necessitates the involvement of both the Haryana and Delhi Administration. Further, the subject matter of notification is domain of wetland authority.
5. The Committee unanimously concluded that the Jheel area in its current nature be maintained rather than expanding it. It is noted that a part of Jheel falls in Haryana too.



(Lakshay Singhal, IAS)

Distt. Magistrate, South West



GOVERNMENT OF NCT OF DELHI

OFFICE OF THE DISTRICT MAGISTRATE (SOUTH-WEST)

OLD TERMINAL TAX BUILDING, KAPASHERA, NEW DELHI- 110037

No. DM/LAC/SW/2023-24/ 82570

Dated: 15.12.23

Subject – Minutes of Wetland Committee held on 11/12/2023 regarding Najafgarh Jheel.

The Office of the Wetland Authority, Dept of Environment, GNCTD had, vide its order dated 19.07.2022, constituted a Najafgarh Jheel Wetland Committee, as one of the measures under the Environment Management Plan in order to expedite protection and restoration of the Najafgarh Jheel in a timebound manner.

2. Accordingly, a meeting with all concerned departments and stakeholders was convened on 17.02.2023 under the chairmanship of the Principal Secretary, Dept of Environment and Forests, to review the progress made in respect to the action points mentioned in the EMP of Najafgarh Jheel. It was suggested during this meeting that Revenue Department may explore Land Acquisition/lease model and calculate the cost implications for further directions.

3. Accordingly, a meeting of the Committee was held on 11/12/2023 and the following was discussed :-

- (1) The representatives from INTACH suggested leasing of land from private landholders within the 209.5 m contour line. It was noted that if the area is permanently inundated anyway, there is no need for wasting public money on acquisition.
- (2) The provision of Section 35 read with Section 36 of the DLR Act, 1954 provide for leasing of holdings but it is very restrictive and does not cover the leasing as proposed by INTACH.
- (3) The option of land acquisition has large financial implications of 268 crores (Approx.) for 115 acres affected inundation. Further, there will be a threat of encroachment of acquired land if water recedes. Govt. lands are under severe threat of encroachment/under encroachment.
- (4) The Gram Sabha land in village Ghumanhera was discussed in the context of exchange of land farmers being allotted this land and they surrendering their land near Jheel in lieu there of. This was found to be not feasible. The said land is allotted to MCD and the land requirement of MCD in urban scenario cannot be ignored. Further, Gram Sabha land are also used for compensatory afforestation requirements arising out of important development projects.

[Signature]
15.12.23

- (5) An unanimous agreement emerged among all members that, rather than expanding the Jheel area, the focus should be on preserving the existing submerged area by safeguarding it from any encroachment. Tourism, I&FC and DJB may explore eco friendly projects in consonance with the law.
4. It was collectively acknowledged that the notification of the Jheel as a Wetland is an interstate matter that necessitates the involvement of both the Haryana and Delhi Administration. Further, the subject matter of notification is domain of wetland authority.
5. The Committee unanimously concluded that the Jheel area in its current nature be maintained rather than expanding it. It is noted that a part of Jheel falls in Haryana too.



15.12.23

(Lakshay Singhal, IAS)
Distt. Magistrate, South West

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

Contd..... 2

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)	80	53	85	55	75	58	80	60	76	48	70	50	73	46	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	65	52	70	54	75	58	80	48	75	58	76	40	66	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 & Asearpur (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
Asearpur (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, 60.516 km sewer line has been de-silted against the target of 94.93 km by June, 2023. Member Drainage, DJB informed that desilting work of Trunk / Peripheral Sewer Lines delayed due to rains and will be completed by December, 2023. It was also informed that desilting work of sewer line below 1000 mm 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.

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

There are no of locations where there is Interconnections between storm water drains and sewerage system (both way) and as decided in the 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 183 No. of drains and in case of 13 drains action plan has been prepared. It was informed that 52 drains pertain to PWD/ IFCD/ DSIIDC, 5 drains are not traceable and in case of 56 drains it is not feasible to disconnect/ plug these drains. 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:

- Smiriti 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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3	Dr. Mehraj A.S.	Dy. Commissioner NRM Division DA & FW, N. Delhi	ac.nrm-agn@nic.in	9970387204	
4	Dr. A.C. Verma	PSF		9650111076	
5	Sanjeev Mittal	Add. Commr, MLD		9910182370	
6	K. S. Meena	SS. LD		9212034395	
7	Hary Gupta	Member (S) DTB		9850291027	
8	Sanjeev Mittal	Asst. Commr, DA & FW		9650072233	
9	Pankaj Kumar	Sp. Secy (PWO)		9711129044	
10	Suneesh Buxy	APCCF	suneesh.buxy@gov.in	9868948253	
11	NEELIMA SONI	DIRECTOR LANDSCAPE	neelima.soni@gov.in	9811239055	

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Date: 10.10.2023

Time: 12:00 Noon[illegible]










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Date: 10.10.2023

Time: 12:00 Noon

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