


**T-03/2016-17/534/NMCG/Phase-II**  
**National Mission for Clean Ganga**  
**Ministry of Jal Shakti, Government of India**

1<sup>st</sup> Floor,  
Major Dhyan Chand National Stadium  
India Gate, New Delhi-110002  
Dated: 15<sup>th</sup> July, 2019

**OFFICE MEMORANDUM**

**Subject: Minutes of 8<sup>th</sup> Meeting of the re-constituted Principal Committee in the matter O.A. No. 06 of 2012 — Manoj Mishra Vs Union of India & Ors held on 25.06.2019 at 03.00 PM**

A copy of Minutes of Meeting of Principal Committee held at Conference Room, Ministry of Jal Shakti on 25.06.2019 at 03.00 PM under the Chairmanship of Secretary, Ministry of Jal Shakti is forwarded herewith for information/ necessary action.



(D. P. Mathuria) 15.7.2019

Executive Director (Technical)

Member Secretary, Principal Committee

Encl: As above.

To,

1. Shri Shashi Shekhar, Expert Member, C – II/155, Satya Marg, Chanakyapuri, New Delhi – 110021
2. Additional Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi – 110032
3. Joint Secretary, Ministry of Water Resources, RD&GR Shram Shakti Bhavan, Rafi Marg, Sansad Marg Area, New Delhi, Delhi 110001
4. Chief Secretary, GNCTD, Delhi Secretariat, IP Estate, Near Indira Gandhi Indoor Stadium, Delhi - 110002
5. Secretary, Irrigation Department, Govt. of Haryana, Haryana Civil Secretariat, Sector-1, Chandigarh, Haryana
6. Secretary, Irrigation Department, Govt. of Himachal Pradesh, H.P. Secretariat, Shimla-171002
7. Secretary, (UP) Irrigation Department, Babu Bhawan Sachivalya, Government of UP, Lucknow – 226 001
8. Secretary, Irrigation Department, Govt. of Uttarakhand, 4 Subhash Road, Secretariat, Forth Floor, New Building Dehradun, Pin code-248001
9. Secretary, Department of Environment, Govt. of NCT of Delhi, 6<sup>th</sup> Floor, Delhi Secretariat, IP Estate, New Delhi (Fax – 011 23392034)
10. Secretary, Department of Irrigation & Flood Control, Varunalaya Complex (Phase-II), Karol Bagh, New Delhi-110005

11. CEO, Delhi Jal Board, Delhi Jal Board, Varunalaya Complex (Phase-II), Karol Bagh, New Delhi-110005
12. Dr. A. K. Gosain, Professor of Civil Engineering, Indian Institute of Technology Delhi Hauz Khas, New Delhi - 110 016
13. Dr. C. R. Babu, Centre for Environmental Management of Degraded Ecosystems, School of Environment Studies, University of Delhi-110007.
14. Dr. A. A. Kazmi, Civil Engineering Department, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand 247667
15. Shri. S. A. Verma, General Manager (Environment), Delhi Metro Rail Corporation Limited
16. Vice Chairman, Delhi Development Authority, Vice-Chairman Office B- Block, 1st Floor Vikas Sadan, New Delhi-110023.

**Copy for kind information to:**

1. PPS to Secretary, Ministry of Jal Shakti
2. PS to Members, Monitoring Committee (Yamuna)
3. PS to Director General, NMCG
4. PS to ED (Projects), NMCG

**Minutes of 8<sup>th</sup> Meeting of the re-constituted Principal Committee held at Conference Room, Ministry of Jal Shakti**

8<sup>th</sup> meeting of the re-constituted Principal Committee in the matter OA No. 6 of 2012 was held on 25.06.2019 at Conference Room, Ministry of Jal Shakti under the Chairmanship of Secretary, Department of WR,RD&GR, Ministry of Jal Shakti. The list of participants is at **Annexure-I**.

Following discussions were held in the meeting:

**Agenda 1: Reviewing the progress made by Delhi Jal Board with regard to Mail Se Nirmal Yamuna Revitalization Project Phase – I and II, and Yamuna Action Plan-III project.**

Chief Executive Officer, Delhi Jal Board informed that DJB shall ensure that the proposed works are completed within the proposed time-frame. Chief Engineer, Delhi Jal Board briefed the Committee about the status of the projects (**presentation at Annexure-II**).

**Maily Se Nirmal Yamuna Revitalization Project Phase-I**

It was informed that Najafgarh drain and its catchment area were covered under Phase-I of Maily Se Nirmal Yamuna Revitalization Project. Details of the present status of the works were discussed:

- i. The 68.1 MLD (15 MGD) STP at Delhi Gate drain commissioned in 2016 is insufficient and additional capacity of 10 MGD at outfall is required.
- ii. Construction of 318 MLD (70 MGD) STP at Coronation Pillar is expected to be 50 % complete by Dec 2019 and 100 % by Mar 2020. Further, the 30 MGD existing STP at Coronation Pillar shall be demolished, after commissioning of new 70 MGD STP.
- iii. Construction of 14 (9+5) decentralized STP in Najafgarh Zone.

It was informed that based on the NGT orders, out of 14 STPs, NMCG had agreed to fund for 7 STPs and released first installment share to DJB. During the review meeting by Hon'ble Minister, Water Resources and Hon'ble CM on 18.01.2018, it was decided to re-examine the flow of these drains. Therefore, WAPCOS was engaged for measurement of flow in these areas, and report in this regard was

submitted to Delhi Jal Board, and the recommendations in the report has been accepted by the Board.

Further, it is proposed to lay internal sewer line in command areas of these 14 STPs, covering 160 unauthorized colonies and 47 villages.

Out of 7 STPs being funded by NMCG, work shall initiate from 15<sup>th</sup> July 2019 at 2 locations (Jaffarpur and Khera Dabur) and allotment of land at 5 locations is being pursued. Further, funding for remaining 7 STPs is being sought.

**Principal Committee agreed that laying of internal sewer line is required for prevention of untreated waste into the drains and directed to submit plan for laying of internal sewerage.**

**Chairman-Principal Committee directed that the copy of the report submitted by WAPCOS may be shared with NMCG. Further it was recommended that NMCG and Delhi Jal Board may visit the sites in catchment area of Najafgarh drain for re-examining the flow in the drains and explore alternate treatment methods.**

iv. Rehabilitation of peripheral and trunk sewers works

<b>Phase – I for West and North District (funding from Ministry of Urban Development)</b>			
<b>Packages Name / Details of Project</b>	<b>Physical progress (%)</b>	<b>Completion Schedule</b>	
		<b>Start</b>	<b>End</b>
<b>Package 5: Rehabilitation of Peripheral of dia 450-1400 mm by CIPP Structural lining method in Rohini, Pitampura, Shalimar Bagh Area, Shakti Nagar Area, Azadpur &amp; Adjoining Areas in North – North West Delhi.</b>	25%	06.06.2017	29.02.2020
<b>Package 6: Rehabilitation of Peripheral Sewers of Dia 450-1200 mm by CIPP structural lining method in Uttam Nagar, Paschim Vihar, Saraswati Vihar, Moti Nagar, &amp; adjoining areas in West – North West Delhi.</b>	40 %	06.06.2017	30.06.2020

<b>Package 7:</b> Rehabilitation of Peripheral Sewers of Dia 450-1000 mm by CIPP Structural Lining Method in Janakpuri, Tilak Nagar, Patel Nagar, Karol Bagh and Adjoining Areas In West Delhi	20%	06.06.2017	30.04.2020
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<b>Phase – II for South District (funding from DJB)</b>			
<b>Packages Name / Details of Project</b>	<b>Completion Schedule</b>		<b>Physical progress (%)</b>
	<b>Start</b>	<b>End</b>	
<b>Package 1:</b> Rehabilitation of Peripheral Sewers of Dia. 450-900mm in Vasant Kunj, Munirka, Green Park and Mehrauli area in South- South West Delhi	21.05.2018	20.05.2021	5%
<b>Package 2:</b> Rehabilitation of Peripheral Sewers of Dia. 450-1100mm by CIPP Structural lining method in Saket, Pushp Vihar, Panchsheel Park Area, Soami Nagar, Greater Kailash & Adjoining Areas in South Delhi.	19.07.2018	18.07.2021	6 %
<b>Package 4:</b> Rehabilitation of Peripheral Sewers of Dia. 450-900mm by CIPP Structural lining method in R K Puram, GK-I, Nehru Place, Maharani Bagh & Adjoining Areas in South & South West Delhi.	28.09.2018	27.09.2021	15%

**Chairman - Principal Committee raised concern over the slow progress of the Package 1 and 2 of Phase-II Rehabilitation of peripheral and trunk sewers works.**

Delhi Jal Board informed that initial works in the project are time consuming, the project shall now speed up and shall be completed within the estimated time-frame.

v. **Interceptor Sewer Project under JNNURM scheme**

Out of 6 packages, 1 package has been commissioned and remaining 5 are to be commissioned in phased manner. Total 242 MGD is to be trapped and 54 km of interceptor pipes to be laid along the drains. Physical progress of the project is 94%, 125.8 MGD has already been trapped, 223 MGD (92 %) will be ready for trapping by July 2019 and the entire project is expected to be completed by Dec 2019.

NMCG raised an issue that during site inspection of Kondli and Rithala zone, it was found that the actual flow being tapped is much lesser than claimed. However, DJB informed that the bottlenecks have been removed and now more flow has been intercepted. NMCG and DJB may plan a site visit in this regard to verify the status.

### **Maily Se Nirmal Yamuna Revitalization Project Phase-II**

- i. It was informed by DJB that there are 17 drains under Maily Se Nirmal Yamuna Revitalization Project Phase-II, out of which 11 drains (Magazine Road Drain, Sweepers Colony Drain, Khyber Pass Drain, Metcalf House Drain, Tonga Stand Drain, Moat Drain, Civil Mill Drain, Delhi Gate Drain, Sen N.H. Nallah, Drain No. 14 and Tuglakabad Drain) are already trapped and work in remaining 6 drains (Shahdara Outfall Drain, Qudsia Bagh + Mori Gate Drain, Barapullah Drain, Maharani Bagh Drain, Kalakaji Drain and Tehkhand Nalah )is in progress.

Executive Director-Technical NMCG informed that a team visited already trapped 11 drains for verification, and found minor leakages in 3 drains (Civil Mill Drain, Tuglakabad Drain and Magazine Road Drain). Further, during the visit to Dr. Sen Nursing Home Nallah, initially small overflow (approx. <5%) through cross section gate valve arrangement was observed which subsequently augmented to around >70% overflow due to sudden rise in discharge in the drain.

Delhi Jal Board informed that the issue of overflow observed during the site visit is due to stagnant water at a nearby road, which flowed into the drain. Therefore DJB is proposing to end of pipe treatment for the drains.

Chairman-Principal Committee recommended that considering the location of Delhi on the banks of river Yamuna, end of pipe treatment may not be feasible as new drains will keep on emerging and suggested that DJB should focus proper maintenance, conveyance and utilization of existing sewage treatment facility.

- ii. It was informed that Shahdara Outfall Drain is partly tapped, the Interceptor Sewerage Project would be completed by 31.12.2019 and the rehabilitation of 3 STPs having total capacity of 45 MGD at Kondli (plant under YAP-III) is in progress and would be complete by 31.12.2021.

iii. Qudsia Bagh + Mori Gate Drain is untapped due to land allotment issues with DDA. Chairman-Principal Committee instructed that the issue may be resolved at an earliest.

iv. Status of works undertaken for tapping of Barapullah Drain:

No.	Proposed Works	Completion Timeline
a.	For trapping of sewage into sewer network at source to reduce flow of sewage into the drain, following scheme have been undertaken by DJB: - 1. P/L sewer in Malviya Nagar Group of colonies (3 Nos.) - Work completed. <u>Work in progress</u> 2. Sangam Vihar Group of Colonies Ph-I ( 19 Nos), 3. Sangam Vihar Group of Colonies Ph-II (44 Nos) 4. Maidangari & Saidullajab Group of colonies (31 Nos).	31.12.2020
b.	In order to improve sewerage system of sewerred area, the work of rehabilitation of peripheral sewer in Vasant Kunj, Munirka, Green Park, Mehrauli Area, Saket, Pushp Vihar, Panchsheel Park, Swami Nagar, G.K. area and adjoining area of South & South East Districts have already been taken up in 04 contract packages. One package is completed and the work in balance 03 is in progress.	30.09.2021
c.	However, to treat remaining untreated sewage still flowing in the Barapula Drain, a proposal for construction of STP at the outfall of the Barapula Drain at River Yamuna is under consideration and land has been identified jointly by DDA & DJB. Land yet to be handed over by DDA.	36 month after handing over land by DDA

v. Out of 6 MGD flow in Maharani Bagh Drain, approx. 2 MGD is scheduled to be trapped by 31.7.2019 and the balance shall be trapped by June, 2020.

vi. Kalakaji Drain is fully trapped

vii. Temporary tapping of Tehkhand Nalah has been done, work of construction of permanent weir is being taken up and is expected to be complete by 31.12.2019.

### Yamuna Action Plan-III

Status of projects under taken in YAP-III:

Packages Name / Details of Project	Physical progress (%)	Completion Schedule		
		Start	End	Likely date of completion

Rithala STP related works				
R1a : Rithala - Rehabilitation of Trunk/Peripheral Sewer	55.26	21.03.2018	20.03.2020	20.03.2020
R1b: Rithala – Rehabilitation / Replacing of Rising Main	42.17	04.07.2018	03.07.2020	03.07.2020
R2 : Rithala - Rehabilitation & up gradation of Rithala (Ph-I ) WWTP	25.00	15.06.2018	14.12.2021	14.12. 2021
Kondli STP related works				
K1 : Kondli - Rehabilitation of Trunk Sewer No.4	47.39	29.11.2017	28.11.2019	31.05.2020
K2 : Kondli – Rehabilitation of Trunk Sewer No.5	61.31	29.11.2017	28.11.2019	31.01.2020
K3 : Kondli - Rehabilitation & up gradation of phase I, II and III WWTPs	11.97	10.08.2018	09.02.2022	09.02.2022
K4 : Kondli - Rehabilitation of Rising Main	27.29	11.07.2018	10.07.2020	10.07.2020
Okhla STP related works				
O : Okhla - Construction of 564 MLD (124MGD) New WWTP	Recently awarded	19.06.2019	18.12.2022	18.12.2022

**Instructions:**

- ✓ DJB to ensure that all packages under YAP – III project shall be completed as scheduled. The interceptor sewer packages must be completed timely to ensure sewage reaches the STP (i.e. Kondli and Rithala STPs).

**Agenda 2: Delhi Metro Rail Corporation Limited’s proposal requesting permission of Principal Committee for allotment of five land pockets in O-Zone from DDA**

- i. Executive Director Technical NMCG informed that proposal was received from Delhi Metro Rail Corporation (DMRC) Limited’s seeking permission of Principal Committee for allotment of five land pockets in O-Zone from DDA.
- ii. General Manager DMRC informed that DMRC during the period 2011-2013 had obtained working permission from DDA for construction of receiving sub-station, station, depot, ramp and feeder bus depot at the 5 land pockets - Kashmere Gate, Sarai Kale Khan, Kalindi Kunj Station, Kalindi Kunj Depot and Kalindi Kunj Feeder Bus Depot (**presentation at Annexure-III**). These structures have been constructed and operationalized, and are integral for smooth functioning of metro system. The construction at these 5 locations started prior to the NGT order of



13.01.2015, hence clearance of Principal Committee was not required at the time of obtaining working permission from DDA. DMRC in 2016 approached DDA for allotment of these 5 land pockets, DDA informed that these 5 locations are falling under floodplain 'O' zone of River Yamuna and directed DMRC to obtain clearance from Principal Committee.

- iii. Executive Director Technical NMCG informed that the proposal was circulated with the members of Principal Committee and Monitoring Committee of NGT. Observations have been received from Monitoring Committee.
- iv. Chairman-Principal Committee recommended that the observations of Monitoring Committee may be shared with DMRC for submission of requisite documents. As the proposal deals with Yamuna floodplain, Chairman-Principal Committee suggested that the proposal may be discussed in the next meeting of the Committee in the presence of members of Monitoring Committee and Prof.A.K.Gosain and Prof.C.R.Babu, expert members of Principal Committee.

The meeting ended with vote of thanks to the Chair.

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**List of participants:**

**Annexure-I**

1. Shri. U.P. Singh, Secretary, Department of WR, RD&GR Ministry of Jal Shakti – *in Chair-*
2. Shri. Rajiv Ranjan Mishra, Director General, NMCG
3. Shri. Nikhil Kumar CEO, Delhi Jal Board
4. Prof. A. A. Kazmi, IIT-Roorkee, Expert Member
5. Shri. D. P. Mathuria, Executive Director – Technical, NMCG (Member Convener)
6. Dr. Pravin Kumar, Director T-III, NMCG
7. Shri Y. P. Singh, Scientist E, MoEF&CC
8. Shri Suresh K Bhandari, Special Secretary, Urban Development Department, GNCTD
9. Shri Nisheeth Saxena, M.S. (Wetland Authority) GNCTD
10. Shri R.S.Negi, member (Dr.), Delhi Jal Board
11. Shri V K Gupta, CE, DJB
12. Shri D.K.Vaishya, CE, S&E, DJB
13. Shri Vikram Singh, CE, DJB
14. Shri Ashish Rana, Executive Engineer, Irrigation Himachal Pradesh
15. Sh. S A Verma, General Manager/Env, DMRC
16. Sh. R P Kaushar, Chief Project Manager, DMRC
17. Sh. M K Shukla, General Manager/Land, DMRC
18. Sh. S N Agrawal, Chief Electrical Engineer, DMRC
19. Sh. Vikash Singhal, Dy. General Manager/Env, DMRC
20. Sh. B N Chaturvedi, Dy. General Manager/CPM-3, DMRC
21. Sh. Anil J Kurian, Manager/Env, DMRC
22. Sh. H P Mukki, Manager/Land, DMRC
23. Sh. Abhishek Kumar, Asst. Engineer, DMRC
24. Sh. Ashish Bhatia, Deputy CE, DMRC
25. Mrs. Poonam Dewan, DDA Additional Commissioner Landscape
26. Mrs. Savita Bhandari, Advisor (Landscape)
27. Ms. Kawaljeet Kaur, Assistant Director (Planning)
28. Shri M K Joshi, Planning Assistant, Zone O, DDA
29. Shri Kumar Ajitabh, Project Officer (Legal), NMCG
30. Mrs. Ruby Raju, Project Engineer, NMCG