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राष्ट्रीय स्वच्छ गंगा मिशन
National Mission for Clean Ganga

No. L-25011(13)/5/2022/NMCG/24-25/02

Date: 26th July, 2024

To,

The Registrar,
Hon'ble National Green Tribunal (Principal Bench),
Copernicus Marg, New Delhi

Subject: - Report of the NMCG in compliance of the order dated 16.04.2024, passed by the Hon'ble NGT in the matter of O. A. No 200/2014 –M. C. Mehta Vs. Union of India & Ors.

Sir,

With reference to above subject, please find enclosed herewith Report of the NMCG in compliance of the order dated 16.04.2024, passed by the Hon'ble NGT in the matter of O. A. No 200/2014 –M. C. Mehta Vs Union of India & Ors. The same may kindly be placed before the Hon'ble NGT (Principal Bench) for kind consideration.

This issues with approval of the competent authority.

Enclosure: - As above

Yours faithfully,

Anup Kumar Srivastava
Executive Director (Technical)
National Mission for Clean Ganga
E-mail: ed-technical@nmcg.nic.in

Copy for information to:

- (i) PPS to Secretary, DoWR,RD&GR, Ministry of Jal Shakti, Shram Shakti Bhawan, New Delhi
- (ii) PS to the DG, NMCG

Report of the NMCG in compliance of the order dated 16.04.2024, passed by the Hon'ble NGT in the matter of O. A. No. 200 of 2014 – M.C. Mehta Vs. Union of India & Ors.

- 1) The Hon'ble NGT while considering the aforesaid matter related to prevention, control and abatement of pollution in River Ganga and its tributaries in respect of the report of NMCG dated 01.04.2024 filed in the matter and report filed by the State of Uttar Pradesh compiling status of different Districts in the State of Uttar Pradesh passed a direction in order dated 16.04.2024 for taking preventive/remedial action to prevent discharge of sewage and effluents in river Ganga and its tributaries;
- 2) The concerned District Magistrates were directed to prepare time bound Action Plan for remediating the situation and ensuring the objective of zero discharge of sewage/effluents in River Ganga and its tributaries. District Magistrates (DMs) were further directed to file the Action Plan for each district concerned, where River Ganga and its tributaries flows in the State of Uttar Pradesh, along with the next report;
- 3) NMCG was, inter-alia, directed to file an independent report disclosing action undertaken/ required for providing cost-effective treatment of sewage and its utilization in smaller ULBs, quantity of sewage and trade effluent being discharged through drains etc. into river Ganga and its tributaries, and the time bound action plan for preventing such discharge and getting execution at each district concerned in the State of Uttar Pradesh;
- 4) That a Central Monitoring Committee (CMC) under the Chairmanship of Secretary, DoWR, RD & GR, Ministry of Jal Shakti was constituted by Hon'ble NGT in the matter OA No. 673 of 2018 for monitoring the progress made by the 31 States/ UTs across India in implementation of the Action Plan for restoration of polluted river stretches. The Chief Secretaries of the 31 States/ UTs are members of the Committee.

The Committee has been regularly meetings since January 2020 and has already met 18 times. The last meeting of the Committee was held in January, 2024 this year. NMCG is the nodal agency for providing secretarial assistance to the Committee. Next meeting of the CMC is proposed shortly;

- 5) That as per the directions of Hon'ble NGT, the 31 States/ UTs submit Monthly Progress Reports (MPR) to NMCG. The MPRs indicates the progress made by the State/ UT against the actionable points as identified by the NGT in its orders, which are critically reviewed by the CMC and necessary directions are issued for implementation by the States;
- 6) That the latest Monthly Progress Report of Uttar Pradesh (uploaded on NMCG website <https://nmcg.nic.in/ngtprogressreport.aspx>) submitted for the months of April and May, 2024 contains primarily of the State-wise details, and not district-wise.
- 7) **Initiatives undertaken by NMCG in Uttar Pradesh (UP): -**
 - (A) **Sewage Treatment**
 - a) As reported by the Government of UP in its Monthly Progress Report for the month of May, 2024, the total estimated sewage generation in the State is 5,500 MLD. Against this, treatment capacity of 4,175.9 MLD has been created. Further, 39 STPs are under progress which will add another 888.30 MLD capacity. Additionally, 294 STPs are proposed under Swatch Bharat Mission (SBM) 2.0 for creation of 951.00 MLD.
 - b) Under Namami Gange program in Uttar Pradesh, a total of 69 sewerage infrastructure projects have been approved aimed at creating/rehabilitating sewage treatment capacity of 2345.56 MLD and laying of approximately 1894.62 km of sewerage network at an estimated cost of Rs. 14110.34 Crores.

- c) Of 69 projects taken up/contemplated in the State, 42 nos. of projects have been completed. These projects have created sewage treatment capacity of 1006.76 MLD, and laying of sewage network for about 1795.22 km.
- d) 18 projects with a capacity of 931.80 MLD which are under construction are targeted to be completed in a period spanning over August, 2024 to July, 2026.
- e) 09 projects of 407 MLD capacity sanctioned under Namami Gange are at various stages of tendering.

Details of these 69 projects is annexed and marked as **Annexure - 1**

(B) Industrial Waste Water Treatment

A total of 05 industrial waste water treatment projects (Common Effluent Treatment Plants – CETP) have been approved for creating/rehabilitating treatment capacity of 40.85 MLD at an estimated cost of Rs. 989.72 Crores. Out of these, 02 Nos. projects have been completed thereby creating/rehabilitating 26.25 MLD capacity. 01 project (Unnao-Banthar) of 4.5 MLD capacity is under construction and expected to be completed by February-2025. 01 project (Unnao) of 2.6 MLD capacity is under tendering while the Gorakhpur CETP project (4.0 MLD) is under revision.

A tabulated status of these projects, as on June, 2024, annexed and marked as **Annexure - 2**

(C) Preparation of District Ganga Plan (DGP) and Urban River Management Plan (URMP)

As per Para 57 of the River Ganga (Rejuvenation, Preservation and Management) Authorities Order, 2016, *every District Ganga Committee shall prepare its plan for protection of River Ganga and its tributaries and their River bed abutting the*

specified District and submit the same to the National Mission for Clean Ganga for its approval.

NMCG is supporting the State of Uttar Pradesh through various measures including capacity building of stakeholders and support in development of plans as under:

a) Development of District Ganga Plan:

A handbook on District Ganga Planning has been developed as a guidance document for upscaling the development of DGPs by the District Ganga Committees (DGCs) (this may be visited at https://nmcg.nic.in/download_forms.aspx). NMCG has already got developed District Ganga Plans for 03 districts of Uttar Pradesh, namely; Bareilly, Moradabad & Shahjahanpur (available at <https://nmcg.nic.in/dgp.aspx>).

NMCG in coordination with *Deutsche Gesellschaft für Internationale Zusammenarbeit* GmbH (GIZ) has taken up capacity building of DGCs in developing District Ganga Plans for 29 districts in Uttar Pradesh. A capacity building workshop to initiate the process was held on 04.07.2024 in Lucknow.

b) Development of Urban River Management Plans and capacity building of multi-stakeholders:

- i. Urban River Management Plans (URMPs): URMP is a cutting edge tool to promote river-centric development of cities through planning and identifying interventions. NMCG has successfully prepared the URMP for Urban Local Bodies (ULB) of Kanpur and Ayodhya. NMCG is supporting the State of UP in development of URMPs for 5 ULBs of Uttar Pradesh, namely Bijnor, Mathura-Vrindavan, Gorakhpur, Mirzapur and Shahjahanpur. Smaller ULBs normally rely on individual Septic Tanks. The septage generated from septic tanks is required to be treated at Faecal Septage Treatment Plants (FSTPs). The FSTP solutions are



economical and cost around 2-5% cost of comprehensive sewerage network and STP solutions.

- ii. Training programs and Workshops: NMCG has conducted 4 workshops in Uttar Pradesh beginning May 2022 till date aimed at sensitizing stakeholders and professionals on river conservation and decentralized wastewater management. These activities engaged participants, including government agencies, academic institutions, non-governmental organizations, urban local bodies, town planners, and professionals from diverse sectors.
- iii. The district-wise reports of the State submitted before the Hon'ble NGT will immensely help prepare realistic and implementable DGPs and URMPs in the State.
- iv. Also, each DGC is to conduct Monthly, Mandated, Monitored, Minuted meetings (DGC 4M Meetings) on a fixed date and time, preferably on the 2nd Fridays of the month, at a time fixed at convenience of the DMs.

(D) Some Other Initiatives in the State:

a) Ghat and Crematoria Projects: -

25 projects for the construction / renovation of 113 ghats and 15 crematoria have been sanctioned at the estimated cost of Rs. 476.79 Cr. Out of these, 21 projects for construction of 103 Ghats and 15 crematoria have been completed; 2 projects for 8 Ghats construction are in progress; and 2 projects for construction of 2 ghats are in tendering stage.

b) Ghat Cleaning Projects: -

3 pilot demonstration projects for the cleaning 175 ghats at Varanasi, Prayagraj, Mathura-Vrindavan, Kanpur and Bithoor have been sanctioned at an estimated



cost of Rs. 41.59 Crore. The projects have been completed and ghats are now being maintained by the urban local bodies concerned.

c) River Surface Cleaning Project: -

A pilot demonstration projects for the river surface cleaning through mechanical trash skimmer at Varanasi, Prayagraj, Mathura-Vrindavan, Kanpur and Garhmukteshwar for 3 years was sanctioned at the cost of Rs. 12.42 Crore. The project has been completed.

d) Forestry Interventions: -

Financial assistance is provided for implementing forestry interventions in the state of Uttar Pradesh as per the DPR prepared by Forest Research Institute (FRI), Dehradun since the year 2016-17 onwards. Since 2016-17 to till date, 9166-hectare plantation has so far been carried out for which an expenditure of Rs. 77.20 crores have been incurred by the Uttar Pradesh State Forest Departments.

e) Strengthening of laboratories of Uttar Pradesh State Pollution Control Board: -

NMCG has also sanctioned the project "Strengthening of laboratories of Uttar Pradesh State Pollution Control Board (UPPCB) on 06.06.2018 for establishment of laboratory infrastructure in terms of instruments, staff, laboratory development, chemical & glassware and laboratory operation at Ghaziabad, Bijnor, Raebareli, Kanpur, Prayagraj, Varanasi, Bulandshahr and Lucknow of UPPCB with the financial assistance of Rs. 36.08 crores with 100% Central funding.

(Anup Kumar Srivastava)
Executive Director (Technical)
National Mission for Clean Ganga

Annexure - 1

Table A- Status of sewerage infrastructure projects, as on June, 2024, is given as under:

| Sl. No. | District | Name of the project | STP Capacity (MLD) | Sewer Network (km) | Sanctioned cost (Rs in Cr.) | Status |
|---------|-----------|--|--------------------|--------------------|-----------------------------|-----------|
| 1 | Prayagraj | Sewerage & Non-Sewerage schemes at District-'B' & 'E' | 85.00 | 10.88 | 199.26 | Completed |
| 2 | Prayagraj | Sewerage & Non-Sewerage schemes at District-'A' | 20.00 | 9.24 | 106.08 | Completed |
| 3 | Prayagraj | Sewerage work in Sewerage District-E | 0.00 | 109.20 | 142.00 | Completed |
| 4 | Prayagraj | 14 MLD STP at Salori | 14.00 | 0.00 | 42.40 | Completed |
| 5 | Prayagraj | Sewerage System in Sewerage District-C & Allahpur | 0.00 | 134.19 | 170.95 | Completed |
| 6 | Prayagraj | Sewerage Works in Sewerage District-A | 0.00 | 241.63 | 299.40 | Completed |
| 7 | Prayagraj | Sewerage system with Sewer network-District B | 0.00 | 214.88 | 300.84 | Completed |
| 8 | Prayagraj | Sewer Network in District E of Allahabad -Part 2 under Component "A" | 0.00 | 42.66 | 52.78 | Completed |
| 9 | Prayagraj | I&D and STP for Naini (District G) Phaphamau (District F) and Jhunsi | 72.00 | 13.21 | 767.59 | Completed |
| 10 | Prayagraj | Rehabilitation and O&M of existing STP | 80.00 | 0.00 | 904.00 | Completed |
| 11 | Varanasi | 140 MLD STP at Dinapur (JICA) | 140.00 | 0.00 | 246.44 | Completed |

| | | | | | | |
|----|-------------|--|-------|--------|--------|-----------|
| 12 | Varanasi | Construction of interceptor sewers, relieving trunk sewer & rising mains | 0.00 | 28.00 | 165.76 | Completed |
| 13 | Varanasi | Construction of 3 pumping stations at Chaukaghat, Phulwariya & Sariya. | 0.00 | 0.00 | 39.57 | Completed |
| 14 | Varanasi | Rehabilitation of old trunk sewer | 0.00 | 0.00 | 89.95 | Completed |
| 15 | Varanasi | Rehabilitation of 5 Ghat pumping stations and STPs at Dinapur & Bhagwanpur | 0.00 | 0.00 | 20.52 | Completed |
| 16 | Varanasi | Non Sewerage, Institutional Development & Other works | 0.00 | 0.00 | 126.20 | Completed |
| 17 | Varanasi | STP for Assi-BHU Sewerage District at Ramana | 50.00 | 0.00 | 161.31 | Completed |
| 18 | Varanasi | I&D and STP works at Ramnagar | 10.00 | 0.44 | 72.91 | Completed |
| 19 | Hapur | Sewerage system & STP works, Garmukteshwar | 9.00 | 69.00 | 46.51 | Completed |
| 20 | Moradabad | Sewerage system & STP works (Phase I) | 58.00 | 264.25 | 330.05 | Completed |
| 21 | Kannauj | Sewerage system & STP works (Phase II) | 1.00 | 62.50 | 43.66 | Completed |
| 22 | Bulandsahar | Sewerage scheme at Narora | 4.00 | 21.03 | 48.45 | Completed |
| 23 | Bulandsahar | Sewerage Works in Anup Shahar | 2.50 | 58.88 | 75.79 | Completed |
| 24 | Kanpur | Sewerage scheme and STP at Bithoor | 0.00 | 0.00 | 13.40 | Completed |
| 25 | Kanpur | I&D of Sisamau Nala of Kanpur | 0.00 | 1.63 | 63.80 | Completed |
| 26 | Kanpur | Sewerage Works in Sewerage District 1 of Kanpur | 0.00 | 401.50 | 430.49 | Completed |

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|----|---------------|--|--------|-------|--------|-----------|
| 27 | Kanpur | Rehabilitation and New STP works at Pankha and Jajmau | 160.00 | 16.50 | 967.23 | Completed |
| 28 | Unnao | I&D and STP works at Unnao | 15.00 | 3.30 | 102.20 | Completed |
| 29 | Mirzapur | I&D and STP works at Mirzapur Town | 17.00 | 2.07 | 129.08 | Completed |
| 30 | Chunar | Faecal Sludge Management at Chunar | 0.01 | 0.00 | 2.70 | Completed |
| 31 | Mathura | Rehabilitation & Augmentation/ Upgradation of 4 MLD STP at Vrindavan | 4.00 | 0.00 | 42.82 | Completed |
| 32 | Mathura | Mathura sewerage scheme | 67.30 | 0.00 | 460.45 | Completed |
| 33 | Ayodhya | I&D works at Ayodhya, District-Faizabad | 0.00 | 5.00 | 37.67 | Completed |
| 34 | Kasganj | I&D and STP works at Kasganj | 15.00 | 2.80 | 76.73 | Completed |
| 35 | Muzaffarnagar | I&D and STP works at Budhana | 10.00 | 1.00 | 48.76 | Completed |
| 36 | Bareilly | I&D and STP works at Bareilly | 63.00 | 0.00 | 271.39 | Completed |
| 37 | Jaunpur | I&D and STP works at Jaunpur | 30.00 | 0.00 | 206.05 | Completed |
| 38 | Baghpat | I&D and STP works at Baghpat Town | 14.00 | 2.35 | 77.36 | Completed |
| 39 | Firozabad | I&D and STP works at Firozabad | 0.00 | 2.50 | 51.08 | Completed |
| 40 | Etawah | I&D and STP works at Etawah | 44.95 | 75.28 | 140.60 | Completed |
| 41 | Ghazipur | I&D and STP works at Ghazipur | 21.00 | 1.30 | 165.99 | Completed |

| 42 | Bijnor | Faecal Sludge Management at Bijnor | 0.00 | 0.00 | 0.39 | Completed |
|----|---------------|--|----------------|----------------|----------------|----------------|
| | | Sub-Total (A) | 7740.61 | 1006.76 | 1795.22 | |
| 43 | Moradabad | I&D and STP works at Zone-2 | 25.00 | 0.00 | 118.69 | Under Progress |
| 44 | Unnao | I&D and STP works at Shuklaganj | 5.00 | 0.15 | 65.18 | Under Progress |
| 45 | Farrukhabad | I&D and STP works at in Farrukhabad-Fatehgarh | 47.70 | 5.76 | 261.12 | Under Progress |
| 46 | Mathura | I&D and STP Works for balance drains. | 60.00 | 11.26 | 292.56 | Under Progress |
| 47 | Ayodhya | I&D and STP works at Faizabad town, District Ayodhya | 33.00 | 0.00 | 221.66 | Under Progress |
| 48 | Sultanpur | I&D and STP works at Sultanpur | 17.00 | 8.00 | 70.18 | Under Progress |
| 49 | Agra | I I&D and STP works at Agra | 177.60 | 17.61 | 842.25 | Under Progress |
| 50 | Muzaffarnagar | I&D and STP works at Muzaffarnagar | 54.50 | 5.91 | 234.03 | Under Progress |
| 51 | Meerut | I&D and STP works at Meerut | 220.00 | 0.00 | 690.71 | Under Progress |
| 52 | Lucknow | I&D and STP works at Lucknow | 40.00 | 0.00 | 213.91 | Under Progress |
| 53 | Shamli | I&D and STP works at Kairana Town | 15.00 | 0.00 | 78.42 | Under Progress |
| 54 | Varanasi | I&D and STP Works for Assi-BHU Area (Phase II), Varanasi | 55.00 | 3.45 | 308.09 | Under Progress |
| 55 | Mathura | I&D and STP Works at Kosi Kalan, Mathura | 12.00 | 0.03 | 66.59 | Under Progress |



| | | | | | | |
|----|------------|--|-----------------|----------------|-----------------|-----------------|
| 56 | Mathura | I&D and STP Works at Vrindavan, Mathura | 13.00 | 0.60 | 77.70 | Under Progress |
| 57 | Hathras | I&D and STP works at Hathras Town | 24.00 | 5.67 | 128.91 | Under Progress |
| 58 | Lucknow | I&D and STP works at Lucknow, Phase-II Part-I | 50.00 | 3.50 | 264.67 | Under Progress |
| 59 | Prayagraj | I&D of balance 13 drains and augmentation of Salori STP (district C) | 43.00 | 0.00 | 331.75 | Under Progress |
| 60 | Shamli | I&D and STP works at Shamli Town | 40.00 | 0.20 | 206.02 | Under Progress |
| 61 | Saharanpur | I&D and STP works at Saharanpur | 135.00 | 16.00 | 577.23 | Under Tendering |
| 62 | Mathura | I&D and STP Works at Chhata | 6.00 | 2.17 | 56.15 | Under Tendering |
| 63 | Prayagraj | I&D of Balance 7 drains and Augmentation of Rajapur STP | 90.00 | 8.00 | 475.98 | Under Tendering |
| 64 | Shamli | I&D and STP works at Banat Town. | 5.00 | 0.64 | 48.71 | Under Tendering |
| 65 | Shamli | I&D and STP works at Babri & Bantikhera Villages | 5.00 | 2.84 | 55.47 | Under Tendering |
| 66 | Shamli | I&D and STP works at Thanabhawan Town | 10.00 | 7.54 | 97.19 | Under Tendering |
| 67 | Hapur | I&D and STP works at Hapur | 6.00 | 0.06 | 49.06 | Under Tendering |
| 68 | Prayagraj | I&D and STP works at Dist-A Prayagraj | 50.00 | 0.01 | 186.47 | Under Tendering |
| 69 | Lucknow | I&D and STP works at t Lucknow, Phase-II Part-II | 100.00 | 0.00 | 351.03 | Under Tendering |
| | | Sub-Total (B) | 6369.73 | 1338.80 | 99.40 | |
| | | Grand Total (A+B) | 14110.34 | 2345.56 | 1894.616 | |

Annexure - 2**Table-B: Status of CETP projects, as on June, 2024, is given as under:**

| Sl. No. | District | Name of the project | Capacity (MLD) | Collection & Conveyance Network (Km) | Sanctioned cost (Rs in Cr.) | Status |
|---------|-----------|------------------------------------|----------------|--------------------------------------|-----------------------------|-----------------|
| 1 | Mathura | 6.25 MLD (Textile based) | 6.25 | 5.4 | 15.92 | Completed |
| 2 | Kanpur | 20 MLD at Jajmau (Tannery based) | 20 | 24.5 | 617.02 | Completed |
| 3 | Unnao | 4.5 MLD at Banthar (Tannery based) | 4.5 | 6.49 | 136.76 | Under progress |
| 4 | Unnao | 2.6 MLD at Unnao (Tannery based) | 2.6 | - | 126.5 | Under Tendering |
| 5 | Gorakhpur | 7.5 MLD at Gorakhpur | 7.5 | - | 93.52 | Under Revision |
| | | Total | 40.85 | 36.39 | 989.72 | |

