BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Original Application No. 310 OF 2022

In the matter of:

Kamlesh Singh — Applicant

Vs.

State of Uttar Pradesh & Ors. — Respondents

AND

M.A No. 59/2024 in O.A No. 56/2024

Saurabh Tiwari — Applicant

Vs.

Union of India & Ors. — Respondents

Index

Filed by Adv. Rajkumar
On behalf of Central Pollution Control Board

Place: Delhi
Dated: 03.02.2025

Report

In compliance of Hon'ble NGT order dated 23.12.2024

In the matter of :-

[OA No. 310/2022]

Kamlesh Singh Vs State of Uttar Pradesh & Ors.

And

[M.A. No. 59/2024 in OA No. 56/2024]

Saurabh Tiwari Vs Union of India & Ors.

Submitted by

Central Pollution Control Board

(Ministry of Environment, Forest & Climate Change)

Petition and Hon'ble National Green Tribunal (NGT) Order in the matter of O.A. No. 310/2022

I. **The applicant in OA No. 310/2022** has raised the grievance about the quality of water of river Ganga in Sangam city Prayagraj. Contention of the complainant is that Magh Mela is going on in Sangam which will continue up to 08.03.2024 but there are as many as 50 drains which are discharging polluted water downstream Rasulabad till Sangam in the stretch of 8 kilometers, as a result of which the color of water has changed and water is almost blackish. The complainant has alleged that as many as 10 STP's have been setup but these STP's are not working properly.

II. Hon'ble NGT order dated 23.09.2024

The Hon'ble NGT in the OA No. 310/2022 passed the following directions vide its order dated 23.09.2024:

"7. *Therefore, at this stage, we deem it proper to constitute a High-Powered Committee comprising the Chief Secretary, State of UP, Secretary, Ministry of Jal Shakti, Secretary, MoEF&CC, Chairman, CPCB and Chairman, UP Pollution Control Board. The Chief Secretary, State of UP will be the Chairman of this High-Powered Committee. The High- Powered Committee will duly consider the issue of improving the quality of water of River Ganga at Prayagraj and take effective steps for preventing the discharge of untreated sewage and other pollutants in the River Ganga before the commencement of Kumbh Mela.*

8. The CPCB will do the sample analysis of the water quality of untapped drains and STP outlets from the point of their discharge in river Ganga/Yamuna in Prayagraj and also the quality of the

river water of Ganga and Yamuna at different places at least at equal distance 10 points in the entire stretch where the congregation for the Maha Kumbh 2025 will take place. This report will be placed by the CPCB before the High-Powered Committee within a period of 15 days.

9. The High-Powered Committee will submit the report before the Tribunal within two months."

III. Hon'ble NGT in its order dated 23.12.2024 has instructed:

18. *During the Maha Kumbh 2025 regular monitoring of the water quality of the river Ganga and Yamuna is necessary at frequent intervals to meet primary water quality criteria.*

19. Hence, we dispose of the MA and OA with the following directions: -

i. *During the Maha Kumbh in order to have a better monitoring mechanism and to ensure that on account of the unwanted flow of untreated sewage in river Ganga and Yamuna, the pilgrims who come for holy bath may not suffer, the CPCB and UPPCB will increase their monitoring points and frequency of monitoring on river Ganga and Yamuna.*

ii. *The CPCB and UPPCB will take the water samples from river Ganga and Yamuna from the points atleast twice a week at regular intervals by avoiding duplicacy of sample on the same day and will display the sample analysis report on the website of UP PCB and CPCB. The report will also include performance of STPs and geo tubes.*

iii. *Periodic samples will be collected by UP PCB and CPCB at the outlet of STPs and advanced oxidation ponds and the analytical reports be uploaded on website of PCB and CPCB. Apart from the above, the online monitoring data will also be uploaded.*

iv. *The sample analysis report will be sent by CPCB and UP PCB during the Mela fortnightly to the Registrar General of the Tribunal so that in case of need, the matter can be listed for consideration again.*

v. *The solid waste generated during the event will be managed as per the prescribed Rules relating to its management and disposal.*

vi. *It has been pointed out that the Magh Mela will continue from 12.01.2025 till 26.02.2025 for about 45 days and there will be six important bathing days. The regulatory agencies will strengthen the management system and be more prompt in ensuring the compliance, especially during the days of increase footfall. The authorities will ensure that no untreated sewage and solid waste from any of the drains in Prayagraj is discharged in river Ganga and Yamuna. The UP PCB and CPCB shall ensure that the river water quality at all times is drinking water/bathing water quality.*

vii. *During the Maha Kumbh and after the Maha Kumbh is over, the authorities will take steps for effective disposal of the sludge generated in the STPs and deposited in geo-tubes by following the requisite*

environmental norms and for the same, performance report shall be filed.

viii. *In addition to submitting the sample analysis report as directed in para (iv) above, the CPCB and UPPCB will submit comprehensive action taken report before the Registrar General of the Tribunal by 31.01.2025 and 28.02.2025 disclosing the status of compliance.*

20. The MA and OA are accordingly disposed of.

Maha-Kumbh 2025 Report upto 26th Jan, 2025

In compliance of Hon'ble NGT order dated 23.12.2024, in OA No. 310/2022 in the matter of Kamlesh Singh vs State of Uttar Pradesh & Ors, CPCB has taken following action in view of Maha-Kumbh (13 Jan to 26 Feb, 2025) at Prayagraj:

S.N.	Hon'ble NGT Order dated 23.12.2024	Compliance status	Remark
1	CPCB to increase their monitoring points and frequency of monitoring on river Ganga and Yamuna.	• **Total 07 river locations** at Prayagraj (05 on R. Ganga and 02 on R. Yamuna) including 03 additional locations (Ganga-02, Yamuna-01)	Analysis report is at para 1 of this report
2	The CPCB and UPPCB to take the water samples from river Ganga and Yamuna from the points at least twice	• **Frequency of monitoring is every 4th day** from 12th Jan, 2025	

	a week at regular intervals		
3	Periodic samples to be collected by CPCB and UPPCB at the outlet of STPs and advanced oxidation ponds	• **Fortnightly sampling of** STPs of Prayagraj was carried out on 20-21.01.2025 • **Fortnightly sampling of** Seven (07) Geo-tube installed on untapped drains on the river bank, before confluence to R. Ganga /R. Yamuna was carried out on 18-19 Jan, 2025	Analysis report is at para 2 for STPs Analysis report for Geo-tube is at para 3 for STPs
4	Analytical reports to be uploaded on website of CPCB and UPPCB	• All monitoring data is available at CPCB site from 16th January, 2025 onwards on https://cpcb.nic.in/ Water quality at Mahakumbh-2025 on regular basis. • http://103.7.181.103:4000/	Complied
5	Online monitoring data to also be uploaded	• Online data of STPs and Geo-tube is available at CPCB site under water quality at Mahakumbh section. http://103.7.181.103:4000/	Complied

1. River Water Quality

i. In compliance of Hon'ble NGT order dated 23.12.2024, total 07 river locations at Prayagraj (05 on R. Ganga and 02 on R. Yamuna) from Shringverpur ghat (u/s of Prayagraj) to Deehaghat (d/s of Prayagraj) is being monitored with frequency of every 4th day during Maha-Kumbh 2025. Details of river location of Prayagraj is annexed at **Annexure -1.**

ii. Dissolved Oxygen (DO) level was found >5.0 mg/l at all locations on all monitoring.

iii. River water quality was conforming with the primary water quality for bathing w.r.t pH and DO at all the monitored locations in Prayagraj.

iv. With respect to Biochemical Oxygen Demand (BOD), river water quality was not conforming with the bathing criteria during monitoring carried out on 12-13 January, 2025 at most of the locations, however after that organic pollution (in terms of BOD) started to decrease due to freshwater intrusion at upstream locations. After 13th January 2025, river water quality conforming the bathing criteria w.r.t. BOD except Lord Curzon bridge on river Ganga on 19th January, 2025.

v. River water quality was not conforming with the primary water quality for bathing w.r.t. Fecal Coliform (FC) at all the monitored locations on various occasions. Huge number of people taking bath at Prayagraj during Maha Kumbh Mela in river including auspicious bathing days which eventually leads to increase in fecal concentration.

vi. Photographs are attached as **Annexure-2**.

Table 1: River water quality status at Prayagraj during Maha-Kumbh 2025

Date	River	Location	pH Total (6.5 - 8.5)	DO (≥ 5 mg/l)	BOD (mg/L)	Total Coliform	Fecal Coliform
12.01.2024	Ganga	Shringverpur Ghat	7.45	9	2.44	4500	<1.8
	Ganga	Lord Curzon bridge	7.41	8.8	2.36	7800	<1.8
	Ganga	Before Shashtri bridge near	7.48	8.7	2.16	4500	<1.8

		Nagvasuki Mandir					
	Ganga	Sangam	7.52	8.5	3.74	4500	2000
	Ganga	Deeha Ghat	7.63	7.9	5.24	17000	4500
	Yamuna	Old Naini Bridge	7.87	8	4.52	17000	2000
	Yamuna	B/c to river Ganga at Sangam	7.84	8.1	3.64	70000	4500
13.01.2025	Ganga	Shringverpur Ghat	7.88	9.1	3.42	49000	23000
	Ganga	Lord Curzon bridge	7.93	7	2.22	45000	2000
	Ganga	Before Shashtri bridge near Nagvasuki Mandir	7.91	8.9	4.48	45000	2000
	Ganga	Sangam	7.92	9.2	3.94	4500	<1.8
	Ganga	Deeha Ghat	8.09	9.5	3.58	130000	33000
	Yamuna	Old Naini Bridge	8.11	9	4.82	9300	11000
	Yamuna	Before confluence to river Ganga at Sangam	8.08	9	4.70	3300	2000
14.01.2025	Ganga	Shringverpur Ghat	7.64	9.2	<1	2000	<1.8
	Ganga	Lord Curzon bridge	7.84	8.9	1.63	4500	<1.8
	Ganga	Before Shashtri bridge near Nagvasuki Mandir	7.88	8.8	1.25	17000	4500
	Ganga	Sangam	7.86	7.8	2.18	49000	11000
	Ganga	Deeha Ghat	7.97	7.5	2.49	33000	17000

	Yamuna	Old Naini Bridge	8.19	8.2	1.06	79000	33000
	Yamuna	Before confluence to river Ganga at Sangam	8.17	8.3	1.66	7800	2000
15.01.2024	Ganga	Shringverpur Ghat	8.21	9	<1	2000	<1.8
	Ganga	Lord Curzon bridge	8.19	8.9	<1	49000	7800
	Ganga	Before Shashtri bridge near Nagvasuki Mandir	8.11	8.9	1.09	130000	13000
	Ganga	Sangam	8.19	8.5	<1	20000	6800
	Ganga	Deeha Ghat	8.2	8.6	<1	7800	4500
	Yamuna	Old Naini Bridge	8.22	8.9	<1	49000	2000
	Yamuna	Before confluence to river Ganga at Sangam	8.16	8.8	<1	33000	2000
19.01.2024	Ganga	Shringverpur Ghat	7.81	9.4	1.76	<1.8	<1.8
	Ganga	Lord Curzon bridge	8.18	9	4.52	13000	7800
	Ganga	Before Shashtri bridge near Nagvasuki Mandir	8.22	8.8	1.36	204000	4500
20.01.2025	Ganga	Sangam	7.47	8.6	2.46	700000	49000
	Ganga	Deeha Ghat	7.34	8.9	<1.0	33000	7800
	Yamuna	Old Naini Bridge	7.88	8.4	1.78	130000	23000
	Yamuna	Before confluence	7.72	8.2	2.15	330000	33000

		to river Ganga at Sangam					
24.01.2025	Ganga	Shringverpur Ghat	6.95	10.2	RA	RA	RA
	Ganga	Lord Curzon bridge	7.48	10	RA	RA	RA
	Ganga	Before Shashtri bridge near Nagvasuki Mandir	7.88	10.5	RA	RA	RA
	Ganga	Sangam	7.92	9.7	RA	RA	RA
	Ganga	Deeha Ghat	7.82	8.5	RA	RA	RA
	Yamuna	Old Naini Bridge	7.84	8.2	RA	RA	RA
	Yamuna	Before confluence to river Ganga at Sangam	7.92	8.2	RA	RA	RA

2. Sewage Treatment Plants (STPs)

i. There are ten (10) Sewage Treatment Plants (STPs) installed at Prayagraj with treatment capacity of 340 MLD. Seven (07) STPs discharge their treated wastewater into R. Ganga while three (03) into R. Yamuna. Photographs are attached as **Annexure-3**.

ii. All STPs were found operational and samples from outlet of the STPs were collected. As per sample analysis report, all STPs are complying with stipulated norms notified by MoEF & CC except one (10 MLD STP, Ponghat).

iii. Disinfection facility at all STPs was found operational during visit.

iv. It was also observed that all the STPs were operational at more than its installed capacity except 14 MLD STP Salori.

Table 2: Compliance status of STPs in Prayagraj during Maha-Kumbh 2025 with its operational capacity

S. N.	Location	Installed/ utilized capacity (MLD)	Date of Visit	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Fecal Coliform (MPN/ 100 ml)	Compliance status As per MoEF & CC
1.	Phapham au	14/ 17.92	20.01.2025	7.12	16.8	52.3	16.4	<1.8	Complying
2.	Numayadahi	50/ 57.76	21.01.2025	7.52	8.36	27.9	16.2	<1.8	Complying
3.	Naini, Old	80/ 123.15	21.01.2025	7.69	14.7	56.2	16.4	<1.8	Complying
4.	Naini, New	42/ 48.63	20.01.2025	7.4	6.75	32.9	21.2	<1.8	Complying
5.	Jhunsi	16/ 17.34	21.01.2025	7.44	15.4	57.4	24.8	<1.8	Complying
6.	Salori, Old	29/ 39	21.01.2025	7.33	17.4	60.8	17.6	<1.8	Complying
7.	Salori, New	14/ 13.89	21.01.2025	7.44	6.32	21.7	3.4	<1.8	Complying
8.	Rajapur	60/ 88.9	20.01.2025	7.43	28	85.6	23.6	<1.8	Complying
9.	Ponghat	10/ 16.82	21.01.2025	7.45	32	111	54.4	<1.8	Non- Complying
10.	Kodra	25/ 32.52	21.01.2025	7.48	3.76	14.3	11.6	<1.8	Complying

3. Geosynthetic Dewatering Tubes filtration followed by Advanced Oxidation Process monitoring

i. Seven (07) Geosynthetic Dewatering Tubes (geo-tube) filtration sites were operational at Prayagraj. All seven (07) sites were visited by team of CPCB during 6-8 Jan, 2025 to verify the installation status and during 18-19 January, 2025 for its treatment verification.

ii. Twenty-one (21) number of drains were tapped and treated through, under geo-tube system. **(Annexure-4).**

iii. All seven (07) geo-tubes were monitored and sample was collected & analysed in CPCB RD, Lucknow Lab. As per sample analysis results, all were found non complying w.r.t prescribed norms for pH (6.5-8.5), DO (5.0 mg/l), TSS (50 mg/l), COD (100 mg/l), BOD (30 mg/l) & FC (230 MPN/100ml) (as prescribed in 55th EC of NMCG with agenda item no. 55.12).

iv. Compliance status (site wise) of the geo-tubes is given in table 3 and photographs are annexed as **Annexure-5.**

Table 3: Compliance status of Geo-tubes installed to treat the drains discharging in to R. Ganga and Yamuna

Geo-tube name	**Date of Visit**	**PH**	**DO**	**TSS (mg/L)**	**COD (mg/L)**	**BOD (mg/L)**	**Fecal Coliform (MPN/ 100ml)**	**Compliance status**
		Standards						
		6.5-8.5	**5.0 mg/l**	**50 mg/l,**	**100 mg/l,**	**30 mg/l,**	**230 MPN/ 100 ml,**	
Sadar Bazar Drain	18.01.2025	7.63	5.5	39.2	109	43.8	2.0 x10^3	Non-Complying
Rajapur Drain	18.01.2025	7.38	4	41.2	83.1	22.2	3.5 x10^6	Non-Complying
ADA Colony/ Jwala Devi Drain	18.01.2025	7.3	5.5	59.4	80.4	22	5.4x10^6	Non-Complying
Jondhwal Drain	18.01.2025	7.19	6	68	132	36.2	9.2x10^6	Non-Complying
Shivkuti Drain	18.01.2025	7.49	2	82.8	68	22.8	<1.8	Non-Complying

Salori Drain	18.01.2025	7.4	3	40.4	66.1	31.5	$3.5x10^6$	Non-Complying
Sasur Khaderi River	19.01.2025	7.49	1	70	41.4	14.9	$9.2x10^6$	Non-Complying

- Site wise salient observations made during visit for each geo-tube system is as under:

A. Sadar Bazar Drain:

- 01 Geosynthetic Dewatering Tube was installed for filtration.
- No flow meter was observed at inlet and outlet of geo-tube filtration system.
- Dosing of Poly aluminium chloride & Poly Electrolyte was carried out during visit.
- Dosing of Hydrogen peroxide and Tricholoro Isocyanuric Acid (TCCA 90%) manually in ozonation tank.
- No separate tank was installed for Hydrogen peroxide dosing.
- Ozonation process was found operational with dosing rate of 3.704 Nm^3/hr.
- OCEMS was installed and found operational at outlet.
- DG sets were available for power supply required for operation of geo-tube filtration system.

B. Rajapur Drain:

- 08 Geosynthetic Dewatering Tubes were installed for filtration by tapping of Rajapur drain.
- No flow meter was observed at inlet, however flowmeter at outlet of geo-tube filtration system was installed with flow rate 2775 m^3/hr during visit.
- Dosing of Poly aluminium chloride & Poly Electrolyte was carried out during visit.

- Dosing of Hydrogen peroxide and Tricholoro-Isocyanuric Acid (TCCA 90%) manually in ozonation tank.
- No separate tank was installed for Hydrogen peroxide dosing.
- Ozonation process was found operational with dosing rate 6.351 Nm^3/hr during visit.
- OCEMS at outlet was found installed and operational.
- DG sets and electricity are available for operation of geo-tube filtration system.

C. ADA colony/ Jwala Devi Drain:

- ADA colony/ Jwala Devi Drain was found tapped for treatment.
- 01 Geosynthetic Dewatering Tubes was installed for filtration.
- No flow meter was observed at inlet and outlet.
- Dosing of Poly aluminium chloride & Poly Electrolyte was carried out during visit.
- Dosing of Hydrogen peroxide and Tricholoro Isocyanuric Acid (TCCA 90%) manually in ozonation tank.
- Ozonation process was found operational with dosing rate 4.533 Nm^3/hr.
- OCEMS was installed at outlet and found operational.
- Power supply from Power corporation and DG sets both were available for un interrupted power supply for operation of geo-tube filtration system.

D. Jhondhwal Drain:

- 02 Geosynthetic Dewatering Tubes was installed for filtration.
- No flow meter was observed at inlet and outlet.
- Dosing of Poly aluminium chloride & Poly Electrolyte was carried out during visit.

- Dosing of Hydrogen peroxide and Tricholoro Isocyanuric Acid (TCCA 90%) manually in ozonation tank.
- No separate tank was installed for Hydrogen peroxide.
- Ozonation was found operational with dosing rate 6.249 Nm^3/hr.
- OCEMS was installed and found operational.

E. Shivkuti Drain:

- Lean flow observed at inlet of geo-tubeduring visit.
- 01 Geosynthetic Dewatering Tubes was installed for filtration.
- No flow meter was observed at inlet and outlet.
- Dosing of Poly aluminium chloride & Poly Electrolyte was carried out during visit.
- Dosing of Hydrogen peroxide and Tricholoro Isocyanuric Acid (TCCA 90%) manually in ozonation tank.
- No separate tank was installed for Hydrogen peroxide.
- Ozonator was found operational with dosing rate 3.085 Nm^3/hr.
- OCEMS was installed and found operational.

F. Salori Drain:

- 05 Geosynthetic Dewatering Tubes was installed for filtration.
- No flow meter was observed at inlet, however flowmeter at outlet of geo-tube filtration system was installed with flow rate 1557 m3/hr during visit.
- Dosing of Poly aluminium chloride & Poly Electrolyte was carried out during visit.
- Dosing of Hydrogen peroxide and Tricholoro Isocyanuric Acid (TCCA 90%) manually in ozonation tank.
- No separate tank was installed for Hydrogen peroxide.

- Ozonation process was found operational with dosing rate 6.096 Nm^3/hr.
- OCEMS was installed and found operational.

G. Sasur Khaderi Drain:

- 01 Geosynthetic Dewatering Tubes was installed for filtration.
- **Bypass was observed at tapping point due to inadequate/damaged tapping.**
- No flow meter was observed at inlet, however flowmeter at outlet of geo-tube filtration system was installed and found non-operational during visit.
- Dosing of Poly aluminium chloride & Poly Electrolyte was carried out during visit.
- No provision for dosing of Hydrogen peroxide and Tricholoro Isocyanuric Acid (TCCA 90%) at this site and no chemical was available at site.
- **Ozonator was found non-operational during visit.**
- OCEMS was installed and found operational.

4. Action taken

i. Executive Engineer, UP Jal Nigam (Urban) has been asked by CPCB vide letter dated 20.01.2025 **(Annexure- 6)** to take necessary action based on the observations made by the inspecting team for geo-tube.

ii. A follow-up letter regarding action taken was also sent on 28.01.2025 to Executive Engineer (Cons Div.), UP Jal Nigam (Urban), Keedganj, Prayagraj **(Annexure- 7).**

iii. MS, UPPCB has also been asked vide letter dated 28.01.2025 **(Annexure-8)** to identify the possible sources of water pollution in river Ganga and

Yamuna at Prayagraj and to take immediate necessary action to effectively control the polluting sources.

Ajit Kumar Vidyarthi

(Ajit Kumar Vidyarthi)
Scientist 'F'
Central Pollution Control Board
03.02.2025

Annexure- 1

Location Details for river monitoring:

Table-1 River (Stretch - Farrukhabad to Prayagraj)			
S. N.	**Name and details of locations**	**Frequency**	**Latitude & Longitude**
1.	River Ganga at u/s of Prayagraj at Shringverpur Ghat, Prayagraj	On every 4th day & all auspicious Snan days	25.588883 81.637654
2.	River Ganga near Lord Karzan bridge at Phaphamau, Prayagraj		25.506253 81.864783
3.	River Ganga near Nagvasuki Mandir Pantoon Pul No. 15 before shastri bridge, Prayagraj		25.446692 81.887116
4.	River Yamuna before confluence to River Ganga at Sangam		25.426264 81.885809
5.	River Yamuna before confluence to River Ganga near Old Naini Bridge at Prayagraj		25.427248 81.856376
6.	River Ganga at Sangam (confluence point of river Ganga and river Yamuna)		25.404339 81.906443
7.	River Ganga d/s at Deeha Ghat, Prayagraj		25.324994 82.001933

Annexure- 2

Picture Gallery of River Monitoring

<table>
<tr><td colspan="2">River monitoring in Prayagraj as on 12.01.2025</td></tr>
<tr><td> 
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<tr><td>Shringverpur</td><td>Shringverpur</td></tr>
<tr><td> 
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<tr><td>Near Lord Curzon</td><td>Near Lord Curzon</td></tr>
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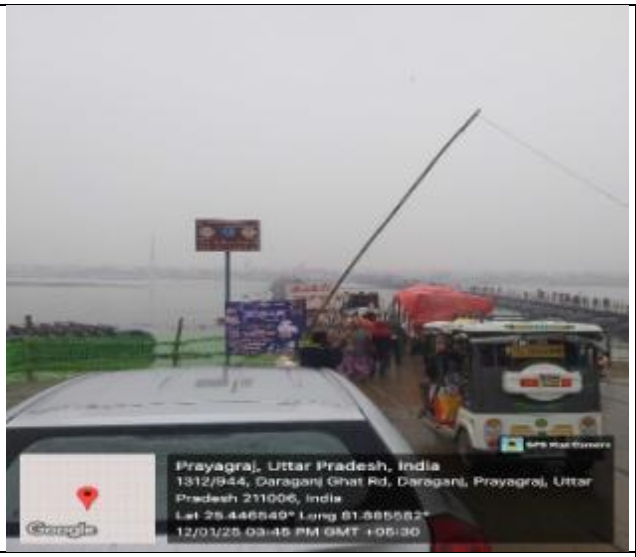
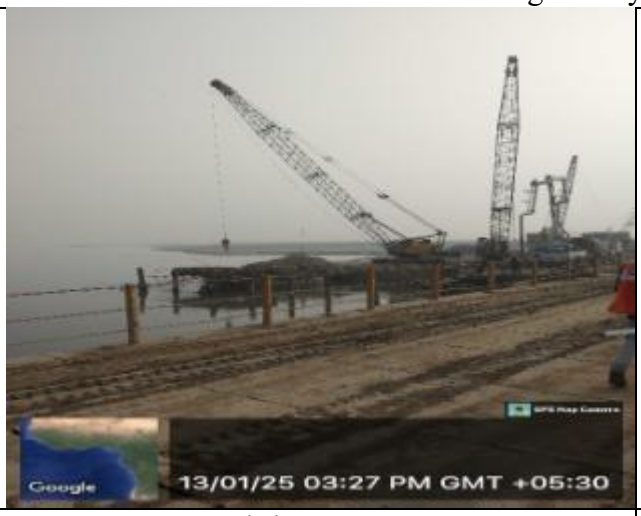
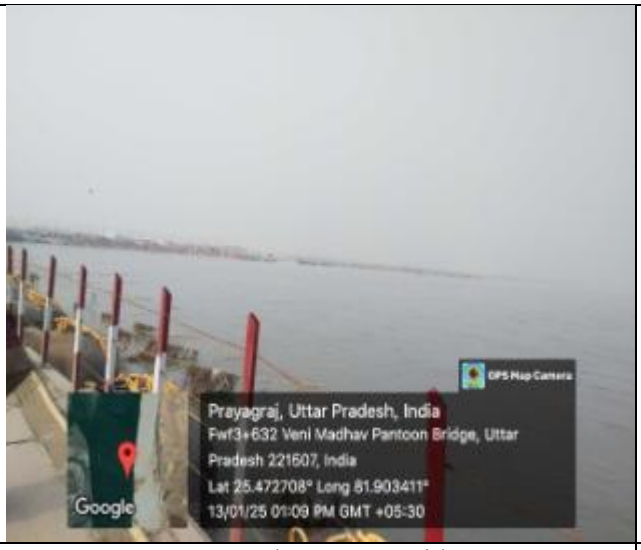
	
Near Nagvasuki Mandir	Near Nagvasuki Mandir
	
Deeha Ghat	Deeha Ghat
River monitoring in Prayagraj as on 13.01.2025	
	
Shringverpur	Shringverpur



Near Lord Curzon Bridge

Near Lord Curzon bridge

Near NagvasukiMandir

Near Nagvasuki Mandir

River monitoring in Prayagraj as on 14.01.2025

Yamuna near Naini Bridge

Yamuna near Naini Bridge

R. Ganga, Sangam

R. Ganga, Sangam

Deeha ghat

River Yamuna near Sangam

Sangam

River monitoring in Prayagraj as on 15.01.2025

	
River Yamuna near Sangam	Solid waste collection near Sangam

Annexure-3

Picture Gallery of STP Monitoring at Prayagraj

Monitoring of STPs in Prayagraj region during 20.01.2025 to 22.01.2025	
	
Jhunsi STP*(FCR)*	Jhunsi STP *(Tube Settlers)*
Jhunsi STP	

	
Kodra STP	Kodra STP *(Bio-tower)*
Kodra STP	
	
Naini 1 STP*(Aeration Tank)*	Naini 1 STP*(CCT)*
Naini 1 STP	
	
Naini 2/New Naini STP	Naini 2/New Naini STP*(Tube Settlers)*

Naini 2/New Naini STP	
	
Numayadahi STP *(Bio-tower)*	Numayadahi STP*(CCT)*
Numayadahi STP	
	
Phaphamau STP*(FCR)*	Phaphamau STP *(Tube settlers)*
Phaphamau STP	
	
Ponghat STP*(Aeration Tank)*	Ponghat STP *(Bio-tower)*

Ponghat STP	
	
Rajapur STP*(UASBR)*	Rajapur STP*(CCT)*
Rajapur STP	
	
Salori14 MLD STP*(Inlet)*	Salori 14 MLD STP
Salori 14 MLD STP	
	
Salori 29 MLD STP	Salori29 MLD STP*(CCT)*
Salori 29 MLD STP	

Annexure-4

List of drains to be tapped under geo-tube process with their flow.

S.N.	Name of Drain	Flow	site of drain	main drain	cumulative flow
1	Rajapur Drain	27.166 1	1	Rajapur Drain	27.166
2	ADA Colony/Jwala Devi Drain	4.277	2		4.277
3	Jondhwal Drain-	6.753 MLD	3		9.094

4	Shankar Ghat Drain No. 01 -	0.444 MLD		Jhondwal Drain	
5	Shankar Ghat Drain No. 02-	0.946 MLD			
6	Shankar Ghat Colony Drain (Near Phaphamau Bridge)-	0.951 MLD			
7	Sadar Bazar Drain	4.787 4	4	Sadar Bazar Drain	4.787
8	Shivkuti Drain No. 05-	0.320 MLD	5	Shivkuti Drain 05	1.362
9	Shivkuti Drain No. 06-	0.275 MLD			
10	Shivkuti Drain No. 07(East)-	0.767 MLD			
11	Salori Drain(Partially)	– 8.783 MLD	6	Salori Drain	11.882
12	Govindpur Colony Drain (Purani Basti)-	0.218 MLD			
13	Govindpur Colony Drain No 1-	0.275 MLD			
14	Govindpur Colony Drain No 2-	0.323 MLD			
15	Govindpur Colony Drain No 3-	0.162 MLD			
16	Govindpur Colony Drain No 4-	0.271 MLD			
17	Shivkuti Drain No 1-	1.192 MLD			
18	Shivkuti Drain No 2-	0.162 MLD			
19	Shivkuti Drain No 3 (North)-	0.218 MLD			
20	Shivkuti Drain No 4-	0.278 MLD			
21	Sasur Khaderi (Tapped but overflows) –	10.950 MLD (Partially)	7		10.95

Annexure-5

Photographs of Geosynthetic Dewatering Tubes filtration followed by Advanced Oxidation Process taken during monitoring 18-19.01.2025

Sadar Bazar Drain (Monitoring Date: 18.01.2025)

Tapping of Drain for Treatment Through Geo-Tube

Geosynthetic Dewatering Tubes

Final Outlet

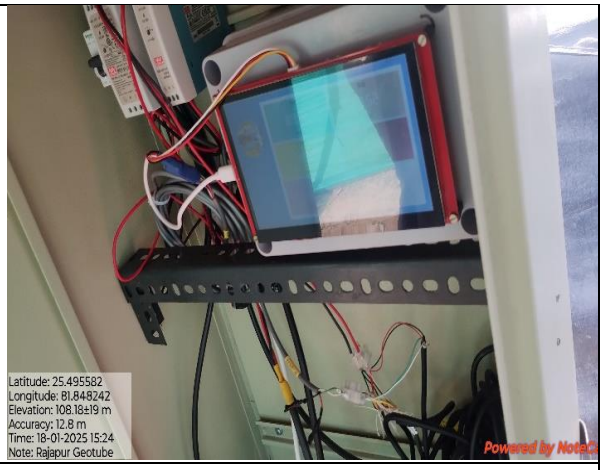
OCEMS at Outlet

Rajapur Drain (Monitoring Date: 18.01.2025)

Tapping of Drain for Treatment Through Geo-Tube

Geosynthetic Dewatering Tubes

Final Outlet



OCEMS at Outlet

ADA Colony/Jawala Devi Drain (Monitoring Date: 18.01.2025)

Tapping of Drain for Treatment Through Geo-Tube

Geosynthetic Dewatering Tubes

Final Outlet

Dosing Rate flow rate of Ozone

Jondhwal Drain (Monitoring Date: 18.01.2025)

Tapping of Drain for Treatment Through Geo-Tube

Geosynthetic Dewatering Tubes

Final Outlet

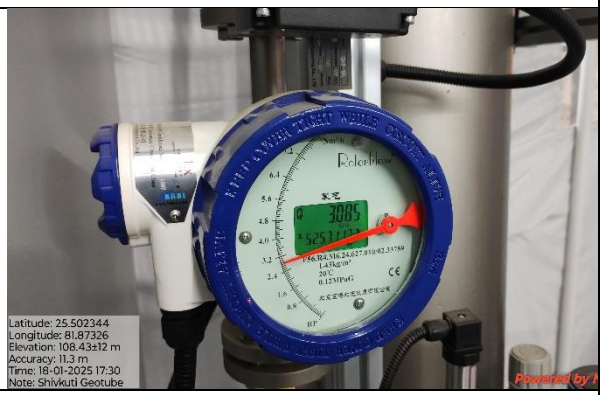
OCEMS at Outlet

Shivkuti Drain (Monitoring Date: 18.01.2025)

Tapping of Drain for Treatment Through Geo-Tube

Geosynthetic Dewatering Tubes

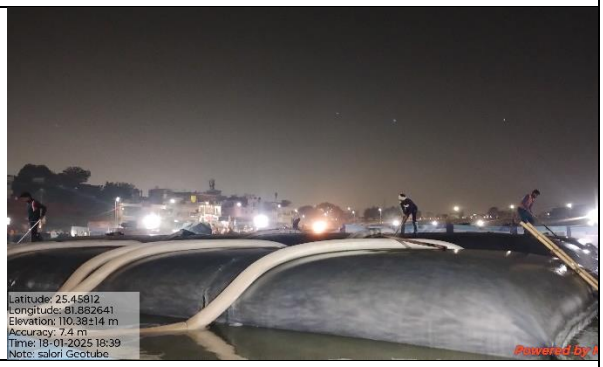
Final Outlet



Dosing Rate flow rate of Ozone

Salori Drain (Monitoring Date: 18.01.2025)

Tapping of Drain for Treatment Through Geo-Tube



Geosynthetic Dewatering Tubes

Final Outlet

OCEMS at Outlet

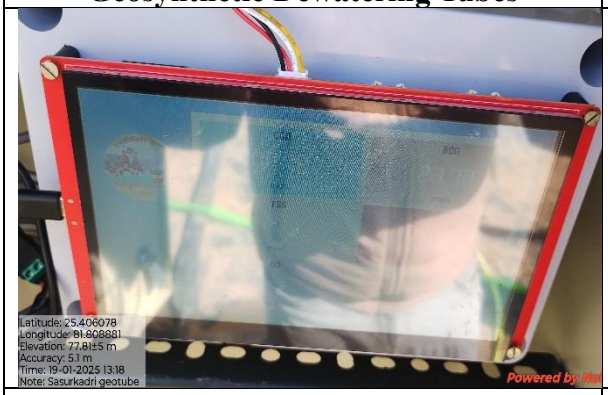
Sasurkhadari Drain (Monitoring Date: 19.01.2025)

Inadequate tapping of Drain for Treatment Through Geo-Tube

Bypass through Broken Tapping

Geosynthetic Dewatering Tubes

Final Outlet



OCEMS at Outlet

Not working Ozonator

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
क्षेत्रीय निदेशालय, लखनऊ Regional Directorate, Lucknow
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)
(Ministry of Environment, Forest and Climate Change, Govt. of India)

PJ -14099//2/2021/PRJT-NGRBA/RD-LUCKNOW/

दिनांक – 20.01.2025

सेवा मे,

अधिशासी अभियंता निर्माण खंड (प्रथम)
उत्तर प्रदेश जल निगम (नगरीय)
13, यमुना बैंक रोड, कीड गंज, प्रयागराज

विषय: माननीय एन.जी.टी. के आदेशों के अनुपालन मे महाकुम्भ-2025 के दौरान नालों पर स्थापित जियो ट्यूब की इस कार्यालय की टीम द्वारा की गई मॉनीटरिंग के संबंध में।

महोदय,

प्रयागराज में आयोजित होने वाले महाकुम्भ -2025 के दौरान, गंगा तथा यमुना नदियों के जल को स्वच्छ / नहाने एवं आचमन लायक बनाने की दिशा मे लिए गए निर्णय मे सभी Untapped (21) नालों पर जिओ ट्यूब माध्यम से अपशिष्ट जल का उपचार निर्धारित है। माननीय एन.जी.टी. के आदेशों के अनुपालन मे इस कार्यालय की टीम द्वारा दिनांक 6-7 जनवरी, 2025 के मध्य किए गए भौतिक सत्यापन मे समस्त (07) जिओट्यूब Installation/Stabilization की अवस्था मे पाए गए थे।

केन्द्रीय प्रदूषण नियंत्रण बोर्ड, क्षेत्रीय निदेशालय, लखनऊ की टीम द्वारा दिनांक 18-19 जनवरी, 2025 को भी निरीक्षण कार्य किया गया जिसमे जांच के दौरान पाए गए मुख्य बिन्दु संबंधी आख्या (संलग्नक -1) आपके अवलोकन एवं तत्काल कार्यवाही हेतु संलग्न है ।

केंद्र और प्रदेश सरकार की गंगा नदी की जलगुणवत्ता की शीर्ष प्राथमिकता को ध्यान मे रखते हुए आपसे अनुरोध है कि इस आख्या के आलोक मे कृत कार्यवाही से इस कार्यालय को शीघ्र अवगत कराना सुनिश्चित करें।

संलग्नक: यथोपरि

भवदीय

(कमल कुमार)
क्षेत्रीय निदेशक

प्रतिलिपि-

1. सदस्य सचिव, के.प्र.नि.बो. – सादर सूचनार्थ
2. सदस्य सचिव, उ.प्र.प्र.नि.बो. – सादर सूचनार्थ एवं आवश्यक कार्यवाही हेतु
3. प्रभारी, डब्लूक्यूएम – II – सादर सूचनार्थ
4. क्षेत्रीय अधिकारी, उपप्रनिबो, प्रयागराज – अनुवर्ती कार्यवाही हेतु, कृ.

(क्षेत्रीय निदेशक) 20/1/25

Annexure – 7

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
क्षेत्रीय निदेशालय, लखनऊ Regional Directorate, Lucknow
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)
(Ministry of Environment, Forest and Climate Change, Govt. of India)

PJ -14099//2/2021/PRJT-NGRBA/RD-LUCKNOW/ 1055 दिनांक – 28.01.2025

सेवा मे,

अधिशासी अभियंता निर्माण खंड (प्रथम)
उत्तर प्रदेश जल निगम (नगरीय)
13, यमुना बैंक रोड, कीड गंज, प्रयागराज

विषय: प्रयागराज मे नालों पर स्थापित जियो ट्यूब की इस कार्यालय की टीम द्वारा की गई मॉनीटरिंग के संबंध में भेजे पत्र दिनांक 20.01.2025 के सम्बंध मे।

महोदय,

माननीय हरित अभिकरण दिल्ली के आदेश दिनांक 23.12.2024 के अनुपालन मे कृपया इस कार्यालय द्वार भेजे गए उक्त विषयक पत्र दिनांक 20.01.2025 (ई मेल दिनांक 20.01.2025) का संज्ञान लेना चाहें । पत्र मे केन्द्रीय प्रदूषण नियंत्रण बोर्ड, क्षेत्रीय निदेशालय, लखनऊ की टीम द्वारा दिनांक 18-19 जनवरी, 2025 को किए गए निरीक्षण कार्य संबंधी आख्या, जिसमे प्रयागराज मे अन टैप नालों पर स्थापित जिओट्यूब का प्रदर्शन संतोषजनक नहीं पाया गया था, आपके अवलोकन एवं तत्काल कार्यवाही हेतु संलग्न की गई थी। कृत कार्यवाही संबंधी सूचना से इस कार्यालय को अभी तक अवगत नहीं किया गया है ।

अतः आपसे अनुरोध है माननीय हरित अभिकरण, दिल्ली के आदेश दिनांक 23.12.2024, जिसमे महाकुम्भ -2025 के दौरान गंगा नदी के जल की गुणवत्ता नहाने/ आचमन लायक सुनिश्चित करना था, के अनुपालन मे तत्काल कार्यवाई कर कृत कार्यवाई से इस कार्यालय को भी अविलम्ब अवगत कराना सुनिश्चित करें।

भवदीय

(कमल कुमार)
क्षेत्रीय निदेशक

प्रतिलिपि-

1. सदस्य सचिव, के.प्र.नि.बो. – सादर सूचनार्थ
2. सदस्य सचिव, उ.प्र.प्र.नि.बो. – सादर सूचनार्थ एवं आवश्यक कार्यवाही हेतु
3. प्रभारी, डब्लूक्यूएम – II – सादर सूचनार्थ
4. क्षेत्रीय अधिकारी, उपप्रनिबो, प्रयागराज – अनुवर्ती कार्यवाही हेतु, कृ.

(क्षेत्रीय निदेशक) 29/1/25

"पिकप भवन", विभूति खण्ड, गोमती नगर, लखनऊ-226 010 (उ.प्र.)
"PICUP Bhawan", Vibhuti Khand, Gomti Nagar, Lucknow-226 010 (U.P.)
EPABX दूरभाष : 0522-4087600, 4087700
दूरभाष / Tel. : 0522-4087601, 2721915
ई मेल / e-mail : rdlucknow.cpcb@gov.in, cpcb.lucknow@gmail.com

प्रधान कार्यालय/Head Office
"परिवेश भवन", ईस्ट अर्जुन नगर, दिल्ली-110 032
"Parivesh Bhawan", East Arjun Nagar, Delhi-110 032
EPABX दूरभाष/ Tel. : 011-43102030, 22303717
वेबसाईट/website:http://www.cpcb.nic.in

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार.
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA.

Speed Post/E-mail

F. No. PJ-14099/14/2024-WQM-II-HO-CPCB-HO **Date: 28.01.2025**

To,

Member Secretary
Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuti Khand,
Gomti Nagar, Lucknow-226 010
Uttar Pradesh

Sub: Water quality of river Ganga and Yamuna at Prayagraj during Maha Kumbh Mela, 2025 reg.

Sir,

Central Pollution Control Board (CPCB) is carrying out water quality monitoring of river Ganga at five locations and river Yamuna at two locations at Prayagraj twice in a week including major bathing occasions during Maha Kumbh Mela, 2025. Based on the monitoring carried out from 12-15 January & 19 to 20 January, 2025 (*data attached as Annexure-I*), following observations are made:

- Water quality of river Ganga and Yamuna is not conforming with the primary water quality criteria for bathing w.r.t Biochemical Oxygen Demand (≤ 3 mg/l) at four locations on river Ganga (Shringverpur Ghat, Before Shastri Bridge, Sangam & Deeha Ghat) and two locations on river Yamuna (Old Naini Bridge & before confluence to river Ganga at Sangam), on various occasions.
- With respect to Faecal Coliform, water quality of river Ganga and Yamuna is not conforming with the bathing criteria (FC ≤ 2500 MPN/100ml) at all the monitored locations on various occasions.

Therefore, you are requested to identify the possible sources of water pollution in river Ganga and Yamuna at Prayagraj and take immediate necessary action to effectively control the polluting sources. Action taken report may kindly be provided to CPCB within 15 days of issuance of this letter.

Yours faithfully,

Encl: As above

28/01/25

(A. K. Vidyarthi)
Director & DH, WQM-II

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली - 110032.
Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032.
दूरभाष /Tel : 43102030, 22305792, वेबसाइट/Website: www.cpcb.nic.in

Annexure-I

River water quality at Prayagraj during Maha Kumbh, 2025 (12-15 January and 19 to 20 January, 2025)

Date	River	Location	pH (6.5 - 8.5)	Color (Hazen)	DO (≥ 5 mg/l)	Temp (°C)	Turbidity (NTU)	COD (mg/l)	BOD (≤3mg/l)	Fecal Coliform (≤ 2500 MPN/100ml)
12.01.2025	Ganga	Shringverpur Ghat	7.45	5	9	15	20	9.54	2.44	<1.8
	Ganga	Lord Curzon bridge	7.41	5	8.8	15	28	9.44	2.36	<1.8
	Ganga	Before shashtri bridge near Nagvasuki Mandir Pantoon Pul No. 15	7.48	10	8.7	16	41	8.65	2.16	<1.8
	Ganga	Sangam	7.52	10	8.5	17	10	14.9	3.74	2000
	Ganga	Deeha Ghat	7.63	5	7.9	16	11	22.8	5.24	4500
	Yamuna	Old Naini Bridge	7.87	5	8	17	8	12.8	4.52	2000
	Yamuna	Before confluence to river Ganga at Sangam	7.84	5	8.1	17	6.3	13.8	3.64	4500
13.01.2025	Ganga	Shringverpur Ghat	7.88	5	9.1	16	26	11.9	3.42	23000
	Ganga	Lord Curzon bridge	7.93	10	7	16	40	8.95	2.22	2000
	Ganga	Before shashtri bridge near Nagvasuki Mandir Pantoon Pul No. 15	7.91	10	8.9	15	45	19.9	4.48	2000
	Ganga	Sangam	7.92	10	9.2	16	9.6	14.2	3.94	<1.8
	Ganga	Deeha Ghat	8.09	10	9.5	16.5	12	13.6	3.58	33000
	Yamuna	Old Naini Bridge	8.11	5	9	17	6.1	15.4	4.82	11000
	Yamuna	Before confluence to river Ganga at Sangam	8.08	5	9	17	9.07	16.5	4.7	2000
14.01.2025	Ganga	Shringverpur Ghat	7.64	5	9.2	15	31	BDL	BDL	<1.8
	Ganga	Lord Curzon bridge	7.84	5	8.9	15	31	5.7	1.63	<1.8
	Ganga	Before shashtri bridge near Nagvasuki Mandir Pantoon Pul No. 15	7.88	5	8.8	15	40	5.5	1.25	4500
	Ganga	Sangam	7.86	5	7.8	15	20.6	11.5	2.18	11000
	Ganga	Deeha Ghat	7.97	5	7.5	15	15	8.54	2.49	17000
	Yamuna	Old Naini Bridge	8.19	5	8.2	15	8	5.5	1.06	33000
	Yamuna	Before confluence to river Ganga at Sangam	8.17	10	8.3	15	7.3	6	1.66	2000
15.01.2025	Ganga	Shringverpur Ghat	8.21	5	9	14	28.7	BDL	BDL	<1.8
	Ganga	Lord Curzon bridge	8.19	5	8.9	14	33.9	BDL	BDL	7800
	Ganga	Before shashtri bridge near Nagvasuki Mandir Pantoon Pul No. 15	8.11	5	8.9	14	45	5.5	1.09	13000

Date	River	Location	pH (6.5 - 8.5)	Color (Hazen)	DO (≥ 5 mg/l)	Temp (°C)	Turbidity (NTU)	COD (mg/l)	BOD (≤3mg/l)	Fecal Coliform (≤ 2500 MPN/100ml)
	Ganga	Sangam	8.19	5	8.5	14	50	BDL	BDL	6800
	Ganga	Deeha Ghat	8.2	5	8.6	14	15	BDL	BDL	4500
	Yamuna	Old Naini Bridge	8.22	5	8.9	15	30	BDL	BDL	2000
	Yamuna	Before confluence to river Ganga at Sangam	8.16	5	8.8	15	9	6.3	BDL	2000
19 & 20.01.2025	Ganga	Shringverpur Ghat	7.81	10	9.4	15	Result awaited	Result awaited	Result awaited	Result awaited
	Ganga	Lord Curzon bridge	8.18	10	9	15	Result awaited	Result awaited	Result awaited	Result awaited
	Ganga	Before shashtri bridge near Nagvasuki Mandir Pantoon Pul No. 15	8.22	10	8.8	15	Result awaited	Result awaited	Result awaited	Result awaited
	Ganga	Sangam	7.47	10	8.6	15	Result awaited	Result awaited	Result awaited	Result awaited
	Ganga	Deeha Ghat	7.34	10	8.9	15	Result awaited	Result awaited	Result awaited	Result awaited
	Yamuna	Old Naini Bridge	7.88	5	8.4	16	Result awaited	Result awaited	Result awaited	Result awaited
	Yamuna	Before confluence to river Ganga at Sangam	7.72	5	8.2	16	Result awaited	Result awaited	Result awaited	Result awaited

Item Nos. 08 & 09 Court No. 1

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Original Application No. 310/2022

Kamlesh Singh Applicant

Versus

State of Uttar Pradesh Respondent

WITH

M.A. No. 59/2024
In
Original Application No. 56/2024

Saurabh Tiwari Applicant

Versus

Union of India & Ors. Respondent(s)

Date of hearing: 23.12.2024

CORAM: HON'BLE MR. JUSTICE PRAKASH SHRIVASTAVA, CHAIRPERSON
HON'BLE DR. A. SENTHIL VEL, EXPERT MEMBER

Applicant: Mr. Saurabh Tiwari, Applicant in Person in M.A No. 59/2024 (Through VC)

Respondents: Ms. Garima Prashad, AAG with Mr. Ankit Verma, Adv. for the State of UP
Mr. Gigi. C. George, Advs. for NMCG
Mr. Pradeep Misra & Mr. Daleep Dhyani, Advs. for UPPCB
Mr. Mukul Katyal, Adv. for CPCB
Mr. Raj Kumar, Adv. for CPCB in OA 310/2022

ORDER

1. In these matters, the Tribunal is considering the grievance about quality of water of river Ganga in Prayagraj and the allegation of discharge of untreated sewage through the drains in river Ganga and Yamuna with reference to the Magh Mela and the forthcoming Kumbh Mela.

2. The OA No. 310/2022 was registered on the basis of the letter petition raising the concern about environmental pollution in river Ganga due to discharge of sewage and incomplete work of laying of sewer-line/pipeline and inadequate steps to meet the requirement of fresh water in river Ganga and Yamuna in the forthcoming Kumbh Mela.

3. The MA No. 59/2024 has been registered on the basis of the report submitted by the joint Committee in pursuance to the order of the NGT dated 18.01.2024 passed in OA No. 56/2024. In the OA, the grievance was raised about the quality of water of river Ganga in Sangam Prayagraj and discharge of sewage from 50 drains after Rasulabad till Sangam, especially with reference to the forthcoming Kumbh Mela. The OA was disposed of by the Tribunal by order dated 18.01.2024 forming a joint Committee and with the direction to the joint Committee to ascertain the correct factual position, truthfulness of the allegations made in the OA and take appropriate remedial action. There was a further direction to the joint Committee to submit the action taken report before the Registrar General of the Tribunal and it was observed that if it is found necessary, the matter will be listed for consideration before the Tribunal.

4. In pursuance to the aforesaid direction, the joint Committee through the Uttar Pradesh Pollution Control Board (UPPCB) had filed the report on 26.04.2024 disclosing the gaps and short comings noticed by that during the inspection the joint Committee had found that out of 76 drains, 37 drains were tapped by the UP Jal Nigam and after treatment from 10 STP, the discharge is made in river Ganga and Yamuna. The report further stated about the proposed 3 STPs at Rajapur (90 MLD), Naini-1 (50 MLD) and Salori (43 MLD) for treating the sewage of untapped drains in forthcoming Kumbh Mela. It was stated in the report that from 5 places everyday water samples are collected from river Yamuna and

Ganga. Since the gaps were reflected in the report, therefore, the MA was registered and listed before the Tribunal.

5. The Central Pollution Control Board (CPCB) had filed the report dated 09.09.2024 in the MA No. 59/2024 disclosing the status of the drains discharging in Prayagraj District as follows:

"xxx ……xxx……xxx

8. That, with respect to the drains discharging in Prayagraj district, following is submitted:

i. As per the latest data available, the monitoring of total 59 drains discharging in Prayagraj district as per the inventory was carried out by CPCB during pre-monsoon 2023 (May 22, 2023 to June 23, 2023). The status of total 59 drains discharging from Prayagraj is annexed herewith as Annexure IV.

ii. Out of total 59 drains, 27 drains confluence with River Ganga, 20 drains confluence with River Yamuna and 12 drains confluence with River Mansahaita. The tabular details are as follows:

River	***No. of Drains***	***No. of Tapped drains***	***Total Flow (MLD)***	***Total BOD Load (TPD)***
Ganga	*27*	*12*	*130.01*	*6.74*
Yamuna	*20*	*8*	*3.67*	*0.25*
Mansahaita	*12*	*6*	*26.7*	*1.10*

iii. Out of these 59 drains, 58 drains are domestic drains and carry only domestic wastewater, 01 drain namely Ghaghar Nala, Harshvardhan Nagar is a mixed drain and carry both domestic wastewater and industrial effluent. The analysis of water quality in Ghaghar Nala showed Color-50 Hazen, BOD-36.5 mg/l and COD-135 mg/l.

iv. The analysis of water quality in Maniya Drain (domestic drain) showed Color-100 Hazen, BOD-368 mg/l and COD-582 mg/l which carries domestic sewage from Mungari and nearby areas and cremation wastes. This indicates high contribution of pollution into river Ganga through Maniya Drain. However, other drains of Prayagraj district show the BOD. range from 7.6-135 mg/l and COD range from 31.9-300 mg/l.

v. Interim remedial measures were found adopted in 21 drains, out of which 11. drains confluence with river Ganga, 04 drains confluence with river Yamuna and 06 drains confluence with river Mansahaita. However, non-operational non-functional interim remediation measure (bio-remediation

system) in 02 drains namely, Nehru Drain/Nehru Park Nala and Ghaghar Nala, Sadiyapur were observed."

6. The CPCB in its report dated 09.09.2024 has disclosed the four locations where manual water quality monitoring of river Ganga is done under the National Water Quality Monitoring Programme on fortnight basis as under:

"6. That, with respect to the river Ganga water quality it is submitted as follows:

i. The manual water quality monitoring of river Ganga is carried out at 04 locations under National Water Quality Monitoring Programme (NWMP) in the stretch passing through district Prayagraj, Uttar Pradesh on fortnightly basis by Uttar Pradesh Pollution Control Board (UPPCB).

ii. The 04 locations are namely,

a. Prayagraj, Rasoolabad
b. Prayagraj downstream, Sangam
e. Before confluence with Tamas river &
d. After confluence with Tamas river, Sirsa"

7. The UPPCB had filed the report on 20.09.2024 disclosing the details of sewage generation in Prayagraj Nagar Nigam as under:

"xxx ……xxx……xxx
1. Project Manager, Ganga Pollution Control Unit, U.P. Jal Nigam (Rural), Prayagraj has informed that presently total sewage generation in Prayagraj city through 81 nos. drains and sewerage network is about 468.28 MLD out of which 394.48 MLD sewage is treated through existing 10 STP's. Total gap in treatment capacity is 128.28 MLD. Details of sewage generation & gap analysis is being attached as Annexure-01 and 02 to this response.

2. The Project Manager, Ganga Pollution Control Unit, U.P. Jal Nigam (Rural), Prayagraj has informed regarding tapped & untapped drains joining River Ganga & Yamuna in Prayagraj Nagar Nigam, Prayagraj. Details of tapped drains & untapped drains joining River Ganga & Yamuna is being attached as Annexure-03 and 04 to this response.

3. The Project Manager has also informed regarding action plan for treatment of remaining waste water through 03 additional STPs with total capacity of 183 MLD to fulfill the gap in sewage generation and treatment, along with tapping of untapped drains in Prayagraj Nagar Nigam, Prayagraj. A project for Onsite Treatment of Drains to treat the waste water of those untapped drains whose completion time for Gange Programme is going beyond Mahakumbh-2025 period, of Rs

55.57 crores, sanctioned by NMCG, New Delhi on 24.7.2024 will be executed by Nagar Nigam, Prayagarj/UP Jal Nigam (Urban), to maintain river water quality for the pilgrimage. The details of 03 additional STPs and above sanctioned project is Annexed as Annexure-05 to this response.

4. The officials of the UPPCB, Prayagraj have inspected the site of the 40 untapped drains i.e. 25 drains meeting to River Ganga & 15 drains meeting to River Yamuna at Prayagraj on 30.07.2024 & 31.07.2024."

8. The above report revealed that untreated sewage through the untapped drains was flowing into the river and there was a gap in the generation and treatment of sewage. The status of the 10 STPs in Prayagraj mentioned in the report was as follows:

"

Sl. No.	***Name of STP***	***Design Capacity (MLD)***	***Year of commencement***	***Technology***	***Status***	***Name of Agency for operation of STPs***	***Recipient aquatic body of treated sewage***
01	*Nalnl*	*80*	*2021*	*ASP*	*Operational*	*UP Jal Nigam (Rural)*	*Directly discharging into River Yamuna*
02	*Nalni*	*42*	*2023*	*FCR*	*Operational*	*UP Jal Nigam (Rural)*	*Directly discharging Into River Yamuna*
03	*Numayadahi*	*50*	*2020*	*Blo-Tower and ASP*	*Operational*	*UP Jal Nigam (Rural)*	*Directly Discharging into River Yamuna*
04	*Salon*	*29*	*2020*	*FAB*	*Operational*	*UP Jal Nigam (Rural)*	*Directly Discharging into River Ganga*
05	*Salori*	*14*	*2016*	*SBR*	*Operational*	*UP Jal Nigam (Urban)*	*Directly discharging into River Ganga*
06	*Rajapur*	*60*	*2021*	*UASB*	*Operational*	*UP Jal Nigam (Rural)*	*Directly discharging into River Ganga.*
07	*Kodra*	*25*	*2020*	*Bio-Tower and ASP*	*Operational*	*UP Jal Nigam (Rural)*	*Directly discharging into River Ganga.*
08	*Ponghat*	*10*	*2020*	*Bio-Tower and ASP*	*Operational*	*UP Jal Nigam (Rural)*	*Directly discharging into River Ganga*
09	*Phaphamau*	*14*	*2023*	*FCR*	*Operational*	*UP Jal Nigam (Rural)*	*Directly discharging into River Ganga*
10	*Jhunsi*	*16*	*2023*	*FCR*	*Operational*	*UP Jal Nigam (Rural)*	*Directly discharging into River Ganga*

"

9. The UPPCB in its report dated 20.09.2024 had the following five sample points:

"

Sl. No.	Location of Sampling point	Date of sample collection	Parameters					
			pH	D.0. (mg/l)	B.O.D. (mg/i)	C.O.D. (mg/l)	Total Coliform (MPN /100 ml)	Feacal Coliform (MPN/10 ml)
1	River Ganga Upstream Near Fatehpur Ghat, Prayagraj	30.07.2024	8.11	7.9	2.5	8.0	1300	450
2	River Ganga Downstream near Shastri bridge, Prayagraj	30.07.2024	8.25	7.6	2.8	12.0	1700	930
3	River Ganga at Sangam, Prayagraj	30.07.2024	8.17	7.7	2.7	10.0	1500	610
4	River Ganga Downstream after confluence with River Yamuna near Chhatnag Ghat, Prayagraj	30.07.2024	8.13	7.5	2.9	13.0	2100	780
5	River Yamuna at Sarswati Ghat, Prayagraj	30.07.2024	8.07	7.8	2.6	8.8	1300	610
	Standards Primary Water Quality Criteria for bathing water (water used for organized outdoor bathing)		Betwee 6.5-8.5	5.0 mg/ I or more	3.0 mg/I or less	-	-	500 MPN/100 ml (Desirable) 2500 MPN/100 ml (Maximum permissible)

"

10. In the aforesaid background, the Tribunal by order dated 09.12.2024 had granted time to the State of UP to place on record the comprehensive sewage management system/plan prepared by the authorities in Prayagraj keeping in view the existing load and expected increased load during the Maha Kumbh 2025.

11. The affidavit of the Principal Secretary, Environment, Forest and Climate Change Department, State of UP dated 13.12.2024, has been

filed in compliance with the order dated 09.12.2024. This affidavit discloses the present status of the generation and treatment of sewage, the expected increase on account of influx during the Maha Kumbh Mela, the current status of flow in the drains and expected increase and the steps that have been taken to ensure the prevention of discharge of untreated sewage in river Ganga and Yamuna in District Prayagraj. The latest affidavit of the Principal Secretary, Environment discloses the status of sewage generation and treatment as under:

"xxx …….xxx…….xxx
4. That the UP Jal Nigam (Rural) has informed that in presently 471.90 MLD Sewage is generated in Prayagraj (293.59 MLD through drains and 178.31 MLD through Sewer Network). As per topographical condition city has been divided into 8 Sewerage District. A copy of detailed report submitted by the U.P. Jal Nigam (Rural) is being annexed herewith and marked as Annexure R-1. District wise Sewage Generation Details are as under: -

Details of Sewage Generation

S. No.	Sewerage district	Nos. of Drains				Total Flow Received at STP	Source of Sewage Generation			
		Tapped	Untapped (to be tapped)	Untapped (tapping is not Required)	Total		Tapped Drains	Untapped Drains	Sewerage Network (Col. 7 – Col. 8)	Total
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
1	A	3	8	2	13	106.30	29.94	3.65	76.36	109.95
2	B	5	0	0	5	57.04	47.18	0.00	9.86	57.04
3	C	2	13	0	15	51.25	33.09	13.24	18.16	64.49
4	D	7	7	0	14	73.88	27.20	45.32	46.68	119.20
5	E	2	3	0	5	41.30	21.07	4.42	20.23	45.72
6	F	2	1	1	4	16.33	9.31	1.19	7.02	17.52
7	G	7	7	1	15	36.76	36.76	8.37	0.00	45.13
8	Jhunsi	9	0	1	10	11.62	11.62	1.22	0.00	12.84
	Total	**37**	**39**	**5**	**81**	**394.48**	**216.17**	**77.42**	**178.31**	**471.90**
Hence, Total Sewage Generation in City by 81 Nos. Drains + sewerage network								**471.90**	**MLD**	

5. That During Mahakumbh-2025 due to floating population, the sewage generation is estimated to be increased by 10% of the present flow. The expected flow during Mahakumbh is estimated based on increase in flow during previous Magh Mela period. The projected flow may be around 519.09 MLD (322.95 MLD through drains and 196.14 MLD through Sewer Network.

6. That the treatment of flow during Mahakumbh- 2025 shall be done in following manner:

a. At existing STPs 450.68 MLD
b. Through onsite treatment- 68.41 MLD

Status of Drains

7. That there are total 81 drains joining Ganga & Yamuna River out of which 37 drains are tapped into existing STPs while 44 drains are untapped. The name, tapping status, tapping plan for untapped, present flow & expected flow of all the drains during Mahakumbh-2025 are tabulated below: -

(A) Tapped drains joining river Ganga & Yamuna

S. No.	Name of Drains	RIVER	Current Flow (MLD)	Expected flow during Mahakumbh (MLD)	Diverted & treated on STP
1	2	3	4	5	6
1	Chachar Drain	Yamuna	25.70	28.27	80 MLD Naini – I STP
2	Drain at Gate No. 9	Yamuna	2.21	2.43	
3	Drain at Gate No. 13	Yamuna	2.03	2.23	
4	Sasur Khaderi Drain	Yamuna	18.50	20.35	50 MLD Numayadahi STP
5	Main Ghaghar Drain	Yamuna	26.58	29.24	
6	Karela Bagh Drain	Yamuna	0.61	0.67	
7	Karela Bagh Drain A-1	Yamuna	0.75	0.83	
8	Karela Bagh Drain A-2	Yamuna	0.74	0.81	
9	Chilla Drain	Ganga	1.23	1.35	29 and 14 MLD Salori STP
10	Allenganj Nala / Buxi Bund Drain	Ganga	20.56	22.62	
	Salori Drain (Partially Tapped)	Ganga	11.30	12.43	
11	Mehdauri Gaon Drain	Ganga	1.48	1.63	60 MLD Rajapur STP
12	Rasulabad Puccaghat Drain	Ganga	1.63	1.79	
13	Jondhwal Rasulabad Drain (Murdaghat)	Ganga	1.58	1.74	
14	Jondhwal Ghat Drain/Chhuhara Mandir	Ganga	1.38	1.52	
15	Morigate Drain	Ganga	8.46	9.31	
16	Drains of Daraganj Area	Ganga	2.11	2.32	
17	Mumfordganj Drain	Ganga	10.56	11.62	
18	Ponghat Nala	Ganga	7.71	8.48	10 MLD Ponghat STP
19	Kodra Nala	Ganga	13.36	14.70	25 MLD Kodra STP
20	Shantipuram Drain	Ganga	4.69	5.16	14 MLD Phaphamau STP
21	Basna Drain	Ganga	4.62	5.08	

S. No.	Name of Drains	RIVER	Current Flow (MLD)	Expected flow during Mahakumbh (MLD)	Diverted & treated on STP
1	2	3	4	5	6
22	Mawaiya Nala	Yamuna	29.97	32.97	42 MLD Naini – II STP
23	Mahewa Ghat Drain No. 1	Yamuna	0.75	0.83	
24	Mahewa Ghat Drain No. 2	Yamuna	0.42	0.46	
25	Mahewa Ghat Drain No. 3	Yamuna	0.61	0.67	
26	Arail Drain No. 2 (Kharkauni drain)	Yamuna	3.31	3.64	
27	Sachcha Baba Ashram Drain	Yamuna	1.49	1.64	
28	Near Arail Ghat	Yamuna	0.21	0.23	
29	5 small drains near Gangoli Shivala Drain (Augharwa Nala, Bhola Mandir Nala,Gangoli Shivala Nala I, Gangoli Shivala Nala II, Savitri Nagar Nala)	Ganga	1.02	1.12	16 MLD Jhunsi STP
30	Dham Drain	Ganga	0.44	0.48	
31	Shastri Bridge Drain (inc. 3 small drains)	Ganga	0.64	0.70	
32	Triveni Marg Drain I	Ganga	1.15	1.27	
33	Triveni Marg Drain II	Ganga	0.62	0.68	
34	Ulta Quila I	Ganga	0.33	0.36	
35	Ulta Quila II	Ganga	0.26	0.29	
36	Lotey Haren/Havelia Nala	Ganga	6.53	7.18	
37	Lakkar Drain	Ganga	0.63	0.69	
	Total		**216.17**	**237.79**	

(B) Untapped drains joining river Ganga & Yamuna

Sr. No.	Name of Drain	River	Current Flow (MLD)	Expected flow during Mahakumbh (MLD)	Name of STP at which flow to be Diverted & treated	Remarks
1	2	3	4	5	6	7
1	Dariyabad Kakahraghat Drain Meerapur	Yamuna	2.113	2.32	**50 MLD Naini-III** (LOA has been issued to the firm on dated 25.11.2024 and execution work shall be completed in 16 months from date of start.)	In view of upcoming Mahakumbh-2025 flow of these drains shall be pumped into existing Bargad Ghat SPS and same shall be
2	Dariyabad Pipalghat Drain	Yamuna	0.120	0.13		

Sr. No.	Name of Drain	River	Current Flow (MLD)	Expected flow during Mahakumbh (MLD)	Name of STP at which flow to be Diverted & treated	Remarks
1	2	3	4	5	6	7
						treated at 80 MLD Naini-I STP for which work is being done by UP Jal Nigam (Urban) and this is expected that work shall be commissioned by 31.12.2024.
3	Salori Drain (Partialy)	Ganga	8.783	9.66	**Under Construction 43 MLD Salori** (Current progress of work is 30% and as per schedule, work shall be commissioned by August, 2025)	In view of upcoming Mahakumbh-2025 flow of these drains shall be treated through onsite method i.e., Advance Oxidation Process/Geo Synthetic Dewatering Tube Modular Dosing System/Geo Tube Method for which work is being done by UP Jal Nigam (Urban) and this is expected that work shall be commissioned by 31.12.202
4	Shivkuti Drain No. 1	Ganga	1.192	1.31		
5	Shivkuti Drain No. 2	Ganga	0.162	0.18		
6	Shivkuti Drain No. 3 (North)	Ganga	0.218	0.24		
7	Shivkuti Drain No. 4	Ganga	0.278	0.31		
8	Shivkuti Drain No. 5	Ganga	0.320	0.35		
9	Shivkuti Drain No. 6	Ganga	0.275	0.30		
10	Shivkuti Drain No. 7 (East)	Ganga	0.767	0.84		
11	Govindpur Colony Drain (Purani Basti)	Ganga	0.218	0.24		
12	Govindpur Colony Drain No. 1	Ganga	0.275	0.30		
13	Govindpur Colony Drain No. 2	Ganga	0.323	0.36		
14	Govindpur Colony Drain No. 3	Ganga	0.162	0.18		
15	Govindpur Colony Drain No. 4	Ganga	0.271	0.30		
16	Jondhwal Drain	Ganga	6.753	7.43	**Under Construction 90 MLD Rajapur** (Current progress of work is 6% and as per schedule, work shall be commissioned by February,	
17	Shankarghat Drain -01	Ganga	0.444	0.49		
18	Shankarghat Drain -02	Ganga	0.946	1.04		
19	A.D.A. Colony Drain / Jwaladevi	Ganga	4.277	4.70		
20	Shankarghat Colony Drain (Near Phaphamau Bridge)	Ganga	0.951	1.05		
21	Rajapur Drain	Ganga	27.166	29.88		

Sr. No.	Name of Drain	River	Current Flow (MLD)	Expected flow during Mahakumbh (MLD)	Name of STP at which flow to be Diverted & treated	Remarks
1	2	3	4	5	6	7
22	Sadar Bazar Drain	Ganga	4.787	5.27	2026)	4
23	Nehru Park Nala	Ganga	2.719	2.99	25 MLD Kodra	01 Drain has been tapped and under trial & run while 01 Drain will be tapped by 31.12.2024 by UP Jal Nigam (Urban)
24	Yadavpur drain	Ganga	0.651	0.72		
25	Dariyabad Jogighat Drain Meerapur	Yamuna	0.510	0.56	80 MLD Naini-I	For tapping of these drains work is under progress by UP Jal Nigam (Rural) and this is expected that work shall be commissioned by 31.12.2024.
26	Balua ghat JCC Backside	Yamuna	0.150	0.17		
27	Drain near Chachar Drain/Bargad Ghat Meerapur	Yamuna	0.190	0.21		
28	Ghaghar Drain 1-A / Sadiyapur Drain	Yamuna	0.260	0.29		
29	Ghaghar Drain 1-A1	Yamuna	0.210	0.23		
30	Ghaghar Drain 1-B/Harshvardhan Drain	Yamuna	0.100	0.11		
31	Indira Awas Drain / Jai Gurudev Ashram Drain	Ganga	1.190	1.31	14 MLD Phaphamau	The work is under trial & run since 04.12.2024
32	Mahewa Pasi Tola Drain No. 1	Yamuna	0.720	0.79	42 MLD Naini-II	The work is under trial & run since 04.12.2024
33	Mahewa Pasi Tola Drain No. 2	Yamuna	0.410	0.45		
34	Mahewa Pasi Tola Drain No. 3	Yamuna	0.620	0.68		
35	Mahewa Pasi Tola Drain No. 4	Yamuna	0.310	0.34		
36	Mahewa Pasi Tola Drain No. 5	Yamuna	0.410	0.45		
37	3 small drain near mahewa ghat	Yamuna	2.111	2.32	80 MLD Naini-I	
38	Baretha/Kashipur	Ganga	1.050	1.16	10 MLD Ponghat	The work is under trial & run since 28.11.2024

Sr. No.	Name of Drain	River	Current Flow (MLD)	Expected flow during Mahakumbh (MLD)	Name of STP at which flow to be Diverted & treated	Remarks
1	2	3	4	5	6	7
39	Madauka	Yamuna	3.62	3.98	42 MLD Naini-II	The work is under trial & run since 30.11.2024
40	Gokula Drain	Ganga	1.220	1.34	-	Due to low organic load treatment of these drains shall be done through onsite method by Nagar Nigam, Prayagraj
41	Baswar	Yamuna	0.170	0.19	-	
42	Co-operative drain	Ganga	0	0.00	-	Dry weather flow of these drains are zero
43	Fort Drain no. - 1	Yamuna	0	0.00	-	
44	Fort Drain no. - 2	Yamuna	0	0.00	-	
	Total		**77.42**	**85.16**		

1. ***Work plan & its status for tapping/treatment of Untapped drains joining river Ganga & Yamuna***

S. No.	Action Plan	Nos of drains	Discharge (MLD)	Proposed STP (MLD)	Current Progress
1	2	3	4	5	6
A	**Projects Sanctioned under Namami Gange Programme**				
(i)	Interception and Diversion of 7 Drains and Augmentation of Rajapur STP Capacity by 90 MLD- The work is awarded and is under progress. Date of start is 24.08.2024 and Date of Completion is 23.02.2026.	7	45.32	90	6%
(ii)	Interception and Diversion of 13 Drains and Augmentation of Salori STP Capacity by 43 MLD - The work is awarded and is under progress. Date of start is 19.03.2024 and Date of Completion is 18.08.2025.	13	13.24	43	30%
(iii)	Interception and Diversion of 02 Drains and Augmentation of Naini-1 STP Capacity by 50 MLD- For Execution of work E-Tender was invited, which Technical Bid Evaluation Report is under review. The execution work shall be completed in 16 months from date of start.	2	2.24	50	LOA has been issued to the firm on dated 25.11.2024
	Sub Total - A	**22**	**60.80**	**183**	
Not	**Project mentioned above in Sr. No. (i), (ii) & (iii) will not be completed before**				

S. No.	Action Plan	Nos of drains	Discharge (MLD)	Proposed STP (MLD)	Current Progress
1	2	3	4	5	6
e	**Mahakumbh-2025 so a separate project is sanctioned by National Mission for Clean Ganga, New Delhi for onsite treatment of these untapped drains. The work is under progress in supervision of U.P. Jal Nigam (Urban). The work will be commissioned by 31.12.2024**				
B	**Projects Sanctioned under Mahakumbh - 2025 Programme**				
Sr. No.	**Description**	**Nos. of Drain**	**Flow in MLD**	**Name of STP on which Treatment shall be done**	**Current Progress**
1	Interception and Diversion of 02 drains:- The work is under progress by UPJN (Urban). **01 Drain has been tapped and under trial run while 01 Drain will be tapped by 31.12.2024**	2	3.37	25 MLD Kodra STP	90%
2	Interception and Diversion of Jai Guru Dev drain	1	1.19	16 MLD Phaphamau STP	Work is **under trial & run**.
3	Interception and Diversion of 6 no. drains of Mahewa, 4.14 MLD & 1.83 MLD SPS	5	3.38	42 MLD Naini-II STP	Work is **under trial & run**.
		1	1.20	80 MLD Naini-I	
4	Interception and Diversion of Madauka drain & 4.71 MLD SPS	1	3.62	42 MLD Naini-II STP	Work is **under trial & run**.
5	Interception and Diversion of Kashipur drain & 1.52 MLD SPS	1	1.05	10 MLD Ponghat STP	Work is **under trial & run**.
6	Interception and Diversion of 6 no. drains of Baluaghat area & 1.75 MLD SPS: - The work is under progress. **Drains will be tapped by 31.12.2024.**	6	1.42	80 MLD Naini-I STP	51%
	Sub Total - B	**17**	**15.23**		
	Total (A+B)	**39**	**76.03**		

8. That from the perusal of the above-mentioned table it is evident that work of 10 out of 17 drains is under trial run while balance 7 drains shall be commissioned by 31.12.2024.

9. That there are 10 STP's which have been installed in Prayagraj Nagar Nigam. Out of these, 9 STP's are being operated & maintained by M/s Prayagraj Water Private Ltd. under Supervision of UP Jal Nigam (Rural) & 1 STP is being operated & maintained by M/s Toshiba Water Solutions Pvt. Ltd. under Supervision of UP Jal Nigam (Urban). That the details of Details of STP's utilization capacity and their functioning is being mentioned as under:

Sewerage District	Name of STPs	Name of Technology	Year of Commissioning	Design Capacity (in mld)	Current Utilized Capacity (in mld)	Functioning/Performance
2	3	4	5	6	7	8

Sewerage District	*Name of STPs*	*Name of Technology*	*Year of Commissioning*	*Design Capacity (in mld)*	*Current Utilized Capacity (in mld)*	*Functioning/Performance*
2	*3*	*4*	*5*	*6*	*7*	*8*
A	80 MLD Naini-I	Activated Sludge Process	1998	80	95-115	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
B	50 MLD Numayadahi	Bio Tower + Activated Sludge Process	2013	50	57-63	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
C	29 MLD Salori 1	Fluidized Aerobic Bed Reactor	2007	29	32-41	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
	14 MLD Salori 2	Sequential Batch Reactor	2016	14	13-14	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
D	60 MLD Rajapur	Upflow Anaerobic Sludge Blanket Reactor	2013	60	73-80	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
E	25 MLD Kodra	Bio Tower + Activated Sludge Process	2013	25	28-31	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
	10 MLD Ponghat	Bio Tower + Activated Sludge Process	2013	10	12-14	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
F	14 MLD Phaphamau	Food Chain Reactor	2023	14	13-18	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
G	42 MLD Naini-II	Food Chain Reactor	2023	42	35-40	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
Jhunsi	16 MLD Jhunsi	Food Chain Reactor	2023	16	14*	*Due to widening of road under Mahakumbh-2025 Program. 8 nos. I&Ds was dismantled and flow from 5 I&D is being received at STP for primary treatment only (as silt content is very high). After completion of river front road works and subsequently construction of I&Ds, the STP will be stabilize by 31.12.2024.
	Total			**340**	**360-390**	

10. That the Uttar Pradesh Pollution Control Board (UPPCB) vide its report dated 12.12.2024 has informed that all 9 STP's at Prayagraj are functioning as per prescribed norms. However, one STP (16 MLD Jhunsi) was non- operational due to flood. This non-operational STP is now made operational and is under stabilization and can be made fully operational after the completion of river front works which is being under taken by the Irrigation Department. The UPPCB has further informed the report of last six months of the functioning of the STP's and its capacity. Report of water samples which have been collected at River Yamuna and Ganga by the board has also been mentioned in the report. A copy of report submitted by the UPPCB is annexed herewith and marked as Annexure R-2.

11. For all STPs installed in Uttar Pradesh, the compliance status is being monitored by Accountability Assessment Committee (formed as per the direction of Hon'ble NGT) chaired by Principal Secretary, Namami Gange & Rural Water Supply, GoUP has issued the directions to the all non-complaint and non-operational STPs in UP. The last meeting was held on 11.09.2024. On the basis of report by UPPCB, directions have been issued to the respective departments

for taking corrective measures for non- complaint STPs on 06.11.2024 by State Mission for Clean Ganga.

12. That in view of maintaining the river water quality during upcoming Maha Kumbh 2025 and to ensure the quality of treated effluent of STPs, monitoring is being done in following manner:

Testing in In-house lab on daily basis
Testing by UPPCB on weekly basis
Supervision by Third Party Agency of NMCG, New Delhi.
Through OCEMS.

Separate work order has also been issued to MNNIT, Prayagraj for collection and testing of river quality at upstream of River Ganga, Yamuna and treated effluent of STPs shall be done during entire Maha Kumbh period.

13. In view of Mahakumbh-2025 it has been ensured that sufficient stock of chemical i.e., Chlorine, FeCl3, Poly, Lime, Defoamer etc., shall be available at all the STP's as well as additional man power will be deployed considering additional population during Mahakumbh-2025.

14. That the UP Jal Nigam (Urban) has informed that the remediation of which drains to be clubbed in the untapped drain para mentioned previously. 22 untapped drains within the Municipal Corporation Prayagraj is being done by geosynthetic dewatering tubes filtration followed by Advanced Oxidation Process. That the Project for Remediation of Untapped Drains has been duly approved by National Mission for Clean Ganga (NMCG) vide AAES No- Pr-12012/4/2024-0/0 Project Development (UP) NMCG Dated 24.07.2024. A copy of office order issued dated 24.07.2024 by National Mission for Clean Ganga is being annexed herewith and marked as ***Annexure R-3****.*

15. That remediation/treatment of 22 untapped drains will be carried out by UP Jal Nigam (Urban) as executing Agency during Maha Kumbh Mela Period. That out of 22 drains, drains mentioned at Serial No 1 to 20 are proposed to be treated by geosynthetic dewatering tubes followed by Advanced Oxidation Process and Remaining two drains i.e., at serial No 21 and 22 will be temporarily intercepted & diverted by blocking the drains through Geosynthetic Bags and Pumping it to 25 MLD Bargadghat Sewage Pumping Station through Pumps. Sewage from Bargadghat SPS goes to 80 MLD STP Naini for Treatment. A copy of chart showing 22 untapped drains and their treatment capacity is being annexed herewith and marked as ***Annexure R-4****.*

16. That above-mentioned treatment methodology will employ a multi-stage advanced oxidation-based ozonisation process to improve water quality efficiently. The proposed methodology includes initial filtration, chemical dosing, and final ozonisation for comprehensive treatment. A copy of treatment methodology which is being used for treatment is being annexed herewith and marked as ***Annexure R-5****.*

17. That During Kumbh Mela 2019 following 05 Untapped Drains were treated through Geosynthetic Dewatering Tubes Filtration Methodology followed by Disinfection through Chlorination:-

(i) Rajapur Drain
(ii) Arail Bridge Drain
(iii) Salori Drain
(iv) Loteyharan Drain
(v) Mawaiya Drain

The Influent and Effluent Parameters of the aforesaid Drains were regularly Tested by CSIR-Indian Institute of Toxicological Research, Lucknow which was nominated as Third Party Agency by State Mission for Clean Ganga, Lucknow. A copy of test reports conducted by CSIR-Indian Institute of Toxicological Research, Lucknow is being annexed herewith and marked as ***Annexure R-6****.*

18. That it is most respectfully submitted that as per the samples collected by the CSIR during 2019 Kumbh Mela, the treated effluents of above drains treated through Geosynthetic Dewatering Tubes Filtration Methodology followed by Disinfection through Chlorination Conformed to standards of treated effluent for BOD, COD,TSS and PH but did not conform to treated effluent standards for Total Coliform and Feacal Coliform. Since the treated effluents did not conform with the parameters of total coliform and fecal coliform, therefore the Advanced Oxidation Process (Ozonization) has been proposed for Treatment of Untapped Drains during Maha Kumbh 2025 so that Treated Effluent Meets Standard for Total Coliform and Feacal Coliform."

12. The affidavit of the Principal Secretary, Environment discloses the following action plan to manage excess sewage generation during the mela:-

"19. That it is most respectfully submitted that the District Administration Prayagraj has prepared an action plan to manage the excess sewage which will be generated during the upcoming Maha Kumbh 2025 which is as follows:

ACTION PLAN TO HANDLE EXCESS SEWAGE THAT WILL BE GENERATED DURING MAHA KUMBH MELA PERIOD

Sr No	*Name of Drain*	*Site*	*Discharge of Drain in MLD*	*Treatment Capacity Installed for Peak Flow in MLD*	*Geo Tube 25mx6m each*	*Cavitation Pump*	*Geo Tube Pump*
1	*2*	*3*	*4*	*5*	*6*	*8*	*9*
1	*Rajapur Drain*	*Site 01*	*27.166*	*42 MLD*	*10 Nos (25mx6m) (08 W+2S)*	*05 nos (04 W+ 04 S) 04-12.5 HP+01-10HP*	*08 nos (07 W+01 S) 25 HP*

2	ADA Colony/ Jwala devi Drain	Site 02	4.277	8.5 MLD	02 Nos (1W+1S)	02 nos (01W+01S) 12.5 HP	02 nos (01W+01S) 25 HP
3	Jondhwal Drain	Site 03	9.094	13.60 MLD	3 Nos (2W+1S)	03 nos (2W+1S) 12.5 HP	03 nos (2W+1S) 25 HP
4	Shankar Ghat Drain 01						
5	Shankar Ghat Drain 02						
6	Shankar Ghat Drain 03						
7	Sadar Bazar Drain	Site 04	4.787	7.17 MLD	3 Nos (2W+1S)	03 nos (2W+1S) 12.5 HP	02 nos (2W+1S) 25 HP
8	Shivkuti Drain 05	Site 05	1.362	2.72 MLD	2 No (1W+1S)	2 nos (1W+1S) 12.5 HP	2 nos (1W+1S) 25 HP
9	Shivkuti Drain 06						
10	Shivkuti Drain east 07						
11	Salori Drain Partially	Site 06	11.882	24 MLD	5 Nos (3W+2S)	03 nos (2 W+1S) 12.5 HP	05 nos (04 W+1S) 25 HP
12	Govindpur Colony purani basti						
13	Govindpur Colony 01						
14	Govindpur Colony 02						
15	Govindpur Colony 03						
16	Govindpur Colony 04						
17	Shivkuti Drain 01						
18	Shivkuti Drain 02						
19	Shivkuti Drain 03						
20	Shivkuti Drain 04						
21	Sasur Khedari River	Site 07	10.95	20 MLD	3 Nos	03 nos (02W+1S) 25 HP	04 nos (03 W+1S) 12.5 HP
22	Dariyabad Kakaraghat Drain Mira Pur	Site 08	2.483	5 MLD	Not Required	Not Required	3 nos (2W+1S) 15 HP
23	Dariyabad Pipalghat Drain	Site 09	0.12	02 MLD	Not Required	Not Required	12 nos (1W+1S) 5 HP
	TOTAL		**72.121 MLD**	**124.99 MLD**			

20. That from the above-mentioned chart it is evident that the Treatment Units being set up for Treatment of Drains will be able to treat upto 125.00 MLD Sewage Flow which is approximately 55 MLD more than the present dry weather discharge of the drains. Hence, the Treatment Units being set up will be able to cater the additional sewage Discharge during Maha Kumbh 2025.

21. That as a long term measure, the domestic sewer connection are being made with the sewer line so that the Sewage will flow in close system not through drains. The Municipal Corporation in District Prayagraj has been divided into eight sewerage Districts. Below is the chart showing the Details of Sewerage Network and Domestic Sewer House Connections in Municipal Corporation Prayagraj.

Sr No	Sewerage District	Population	No. of Households in Sewerage District	Existing Street Length	Existing Sewer Line Length	No of Houses on Existing Sewer Line	No. of Households with Sewer House Connections	No. of Households without Sewer House Connections	No. of Houses Where Sewer line does not Exist	No of Households in Sewered Areas Without Sewer Connections as per actual Survey done	Agency Maintaining Sewer	Sewer House Connection done in Last 02 Months
1	**A**	328914	54819	310.38	305	53412	53263	1556	1407	149	UPJN(R) +Jalkal Vibhag	0
2	**B**	291612	48602	221.91	213.71	45352	43661	4941	3250	1691	UPJN(R)+ Jalkal Vibhag	0
3	**C**	174870	29145	222.47	220.04	28555	27097	2048	590	1458	UPJN(R)+ Jalkal Vibhag	0
4	**D**	276036	48006	516.17	505	45934	44849	3157	2072	1085	UPJN(U)+ Jalkal Vibhagh	997
5	**E**	204390	34188	183.5	181.1	34075	34075	113	113	0	UPJN(U) + Jalkal Vibhag	3606
6	**F**	33708	7818	52	40	5618	5410	2408	2068	340	Jalkal Vibhag	0
7	**G**	17334	2889	15	15	2889	2889	0	0	0	Jalkal Vibhag	0
Sub Total A		**1326864**	**225467**	**1521.43**	**1479.9**	**215657**	**211244**	**14223**	**9500**	**4723**		**4603**
1	**F**	116286	19381	234	0	0	0	0	19381	0	-	
2	**G**	270000	45000	728	0	0	0	0	45000	0	-	
3	**J**	207558	34593	684	0	0	0	0	34593	0	-	
4	**B & E**	207300	34550	413	0	0	0	0	34550	0	-	
Sub Total B		801144	133524	2059	0	0	0	0	133524	0	-	
Grand Total (A+B)		**2128008**	**358991**	**3580.43**	**1479.9**	**215657**	**211244**	**14223**	**143024**	**4723**	**-**	**4603**

Action Plan for Providing Sewer House Connections at Existing Sewer line

Sr No	Sewerage District	No of Households in Sewered Areas Without Sewer Connections	Agency Maintaining Sewer	Action Plan for Providing 100% Domestic Sewer House Connection in Sewered Area
1	District-A	149	UPJN(R) +Jalkal Vibhag	DPR to be Prepared Under State Sector
2	District-B	1691	UPJN(R)+ Jalkal Vibhag	
3	District-C	1458	UPJN(R)+ Jalkal Vibhag	
4	District-D	1085	UPJN(U)+ Jalkal Vibhagh	House Connection Work is being executed under Mahakumbh-2025 which will be completed by 15.01.2025
5	District-E	0	UPJN(U) + Jalkal Vibhag	

Sr No	Sewerage District	No of Households in Sewered Areas Without Sewer Connections	Agency Maintaining Sewer	Action Plan for Providing 100% Domestic Sewer House Connection in Sewered Area
6	District-F	340	Jalkal Vibhag	DPR to be Prepared Under State Sector
7	District-G	0	Jalkal Vibhag	

22. That at present, there is requirement of Laying 2100.53 Km Sewerage Network and 143024 Nos. of Domestic Sewer House Connection under Nagar Nigam, Prayagraj. For 100 wards of Nagar Nigam Prayagraj (including extended areas) which are densely populated the following proposals have been made in City Water Action plan of AMRUT 2.0 below is the chart showing the GAP Analysis in sewerage network and house connection action plan.

a) *Sewerage Network and Sewer House Connection Scheme in Sewerage District A, B, C and D of Prayagraj City-Rs 350.00 Cr*

b) *Sewerage Network and Sewer House Connection Scheme in Sewerage District-G Naini and Naini Extended Area of Nagar Nigam Prayagraj -Rs 382.80*

c) *Sewerage Network and Sewer House Connection Scheme in Sewerage District-J Jhusi and Jhunsi Extended Area Nagar Nigam Prayagraj -Rs 364.00 Cr*

d) *Sewerage Network and Sewer House Connection Scheme in Sewerage District F Phaphamau and Phaphamau Extended Area of Nagar Nigam Prayagraj -Rs 350.00 Cr*

e) *Sewerage Network and Sewer House Connection Scheme in Jhalwa, Bamhrauli and Pipalgaon Extended Area Nagar Nigam Prayagraj -Rs 425.00 Cr*

All the above 05 projects are under process for approval by the State level technical committee (SLTC) and State High Power Steering Committee (SHPSC) for Preparation of Detail Project Report.

For Scarcely populated extended areas of Nagar Nigam Prayagraj, treatment of faecal sludge /Septage will be done at following Feacal Sludge Co-Treatment Plants constructed/under construction at existing Sewage Treatment facilities are as under-

(i) 100 KLD Faecal Sludge (Co-Treatment) Plant at Naini. (Under Construction)- Under Trial and Run

(ii) 50 KLD Faecal Sludge (Co-Treatment) Plant at Jhunsi. (Under Construction)- Under Trial and Run

(iii) 50 KLD Faecal Sludge (Co-Treatment) Plant at Salori- Operational."

13. So far as the septage management during the Maha Kumbh in the mela area is concerned, the affidavit discloses as under:

> ***"Mela Area Septage Management During Mahakumbh-2025:-***
>
> *Mahakumbh Mela Area is usually divided into 25 Sectors as per Administrative Requirement as given below:-*
>
> 1) *Sector 1 & 2 on west side of Beni Bandh in Parade Area.*
>
> 2) *Sector 3 & 4 on the eastern side of Beni bandh on the banks of River Ganga and Yamuna*
>
> 3) *Sector 5 and Sector 10 to 22 on eastern bank of River Ganga towards Jhunsi side*
>
> 4) *Sector 23 to 25 on Arail side*
>
> 5) *Sector 06 to 09 on western bank of River Ganga from Nagvasuki Temple towards Phaphamau side.*
>
> - *Maximum Expected Population in Maha Kumbh Mela area on peak / bathing day = 50000000.00*
> - *Total Feacal Sludge Generation (MLD) = (50000000 x 120)/ (365 x1000000) = 16.44 MLD*
> - *Permanent population (Kalpvasis / pilgrims) expected in Mela area = 50,00,000.00*
> - *Quantity of Grey water (BOD Less than 100) Generated per day = (5000000.00 X 50)/ 1000000 = 250 MLD*
> - *The Feacal sludge Generated in Mela Area from Toilets is transported through cesspool vehicles and treated at Existing Permanent STPs in the city and Temporary STPs usually constructed in Mela Area.*
> - *The Grey waste water (BOD Less than 100) generated from washing hands, Kitchen etc. having very less BOD is collected in various ponds (Approx 75 Nos, Average 03 Nos in each sector) constructed in mela area and the treatment is done by Bioremediation method to make the mela vicinity odour free. Sectors in which Sewerage Network is available in nearby vicinity, Grey water is discharged into Sewers."*

14. In respect of the grey water treatment, it has been disclosed in the affidavit that:

> *"24. That approximately 200 Km Drainage is being laid in Mela Area for efficient disposal of Grey water generated in Mela Area. The Grey waste water (BOD Less than 100) generated from washing hands, kitchen etc. having very less BOD is collected in various ponds (Approx 75 Nos, Average 03 Nos in each sector) constructed in*

mela area and the treatment is done by Bioremediation method to make the mela vicinity odour free. Sectors in which Sewerage Network is available in nearby vicinity, Grey water is discharged into Sewers. The ponds are constructed in Mela Area by Carrying out Excavation and Covering the Excavated portion with 150 Micron HDPE line in order to prevent infiltration of Grey water into the Ground. Bioremediation Units are Installed and Treatment is carried out using biological Enzymes and Microbes providing sufficient Retention Time. Screens are installed at Inlet to catch any floating waste material. V-Notch is also installed at inlet to measure the flow reaching Pond.

25. That the District Administration Prayagraj has executed contracts for bio-remediation of grey water, construction of three prefabricated STP's, laying of drainage pipe lines and operation and maintenance work of 100 KLD & 50 KLD Facecal Sludge Co-Treatment Plants at Naini and Jhunsi, details of which are as follows-:

Sr. No.	***Detail of Work***	***Contract Agreement No.***	***Amount***	***Name of Firm***	***Date of Start***	***Date of Completion***
1	Survey , Design, Supply, Installation ,of V-Notch, Dosing Enzymes & Chemicals, Dosing Units , Piping and fitting arrangements and other Treatment units , Construction of Check Barriers and any other relevant materials, labour, equipments and T&P etc. required for Treatment of Grey water generated in Sector- 5, 6 and 07 (Package-1) of Maha Kumbh Mela Area by Bioremediation Method alongwith Regular desludging of ponds and Operation & Maintenance of all the Treatment units and V-notch during Maha Kumbh Mela period	01/E.E./2024-25	**4597449.13**	M/s Organic121 Scientific Pvt Ltd., 328, 3rd Floor, Suncity Success Tower, Sector 65, Gurugram, Harayana 122018 E-mail: Info@organic121.com, Hgupta@organic121.com. **JV** M/s Welcome Enviro Technologies99, NANKAGADHI, Unnamed Road, Dasna Dehat, Ghaziabad, Uttar Pradesh, 201015 E-mail: wetcchmsd@gmail.com	01.10.2024	31.03.2025
2	Survey , Design, Supply, Installation ,of V-Notch, Dosing Enzymes & Chemicals, Dosing Units , Piping and fitting arrangements and other Treatment	03/E.E./2024-25	**3887239.90**	M/s VasudhaSanrakshan Private Limited., Palpur, Jagdishpur, Amethi, Uttar Pradesh- 227809 E-mail: vasudha.ka.sanrakshan @gmail.com (65%). **JV** M/s Agrobotics Tech Private Limited 36G, Ground Floor, Parsvnath Estate, Omega Sector-1, Greater Noida, Uttar Pradesh E-mail:	01.10.2024	31.03.2025

	units , Construction of Check Barriers and any other relevant materials, labour, equipments and T&P etc. required for Treatment of Grey water generated in Sector- 8, 9 and 10 (Package-2) of Maha Kumbh Mela Area by Bioremediation Method alongwith Regular desludging of ponds and Operation & Maintenance of all the Treatment units and V-notch during Maha Kumbh Mela period			shravani:1lk2976@gmail.com (35%)		
3	Survey , Design, Supply, Installation ,of V-Notch, Dosing Enzymes & Chemicals, Dosing Units , Piping and fitting arrangements and other Treatment units , Construction of Check Barriers and any other relevant materials, labour, equipments and T&P etc. required for Treatment of Grey water generated in Sector- 11, 12 and 13 (Package-3) of Maha Kumbh Mela Area by Bioremediation Method alongwith Regular desludging of ponds and Operation & Maintenance of all the Treatment units and V-notch during Maha Kumbh Mela period	02/E.E./2024-25	**5895296.97**	M/s Organic121 Scientific Pvt Ltd., 328, 3rd Floor, Suncity Success Tower, Sector 65, Gurugram, Harayana 122018 E-mail: Info@organic121.com, Hgupta@organic121.com. **JV** M/s Welcome Enviro Technologies99, NANKAGADHI, Unnamed Road, Dasna Dehat, Ghaziabad, Uttar Pradesh, 201015 E-mail: wetcchmsd@gmail.com-	01.10.2024	31.03.2025
4	Survey , Design, Supply, Installation ,of V-Notch, Dosing Enzymes & Chemicals, Dosing Units , Piping and fitting arrangements and other Treatment units , Construction of	06/E.E./2024-25	**4552623.30**	M/s SIGN-AGE (INDIA) PRIVATE LIMITED., A 49, SECOTOR 83 PHASE II EXTENSION NOIDA, Email: signagetender@gmail.com	01.10.2024	31.03.2025

	Check Barriers and any other relevant materials, labour, equipments and T&P etc. required for Treatment of Grey water generated in Sector- 14, 15 and 16 (Package-4) of Maha Kumbh Mela Area by Bioremediation Method alongwith Regular desludging of ponds and Operation & Maintenance of all the Treatment units and V-notch during Maha Kumbh Mela period					
5	Survey , Design, Supply, Installation ,of V-Notch, Dosing Enzymes & Chemicals, Dosing Units , Piping and fitting arrangements and other Treatment units , Construction of Check Barriers and any other relevant materials, labour, equipments and T&P etc. required for Treatment of Grey water generated in Sector- 17, 18 and 19 (Package-5) of Maha Kumbh Mela Area by Bioremediation Method alongwith Regular desludging of ponds and Operation & Maintenance of all the Treatment units and V-notch during Maha Kumbh Mela period	07/E.E./2024-25	**4482582.94**	M/s SIGN-AGE (INDIA) PRIVATE LIMITED., A 49, SECOTOR 83 PHASE II EXTENSION NOIDA, Email: signagetender@gmail.com	01.10.2024	31.03.2025
6	Survey , Design, Supply, Installation ,of V-Notch, Dosing Enzymes & Chemicals, Dosing Units , Piping and fitting arrangements and other Treatment units , Construction of Check Barriers and any other	04/E.E./2024-25	**4237441.69**	M/s VasudhaSanrakshan Private Limited., Palpur, Jagdishpur, Amethi, Uttar Pradesh- 227809	01.10.2024	31.03.2025

	relevant materials, labour, equipments and T&P etc. required for Treatment of Grey water generated in Sector- 20, 21 and 22 (Package-6) of Maha Kumbh Mela Area by Bioremediation Method alongwith Regular desludging of ponds and Operation & Maintenance of all the Treatment units and V-notch during Maha Kumbh Mela period					
7	Survey , Design, Supply, Installation ,of V-Notch, Dosing Enzymes & Chemicals, Dosing Units , Piping and fitting arrangements and other Treatment units , Construction of Check Barriers and any other relevant materials, labour, equipments and T&P etc. required for Treatment of Grey water generated in Sector- 23, 24 and 25 (Package-7) of Maha Kumbh Mela Area by Bioremediation Method alongwith Regular desludging of ponds and Operation & Maintenance of all the Treatment units and V-notch during Maha Kumbh Mela period	05/E.E./2024-25	**3572058.28**	M/s VasudhaSanrakshan Private Limited., Palpur, Jagdishpur, Amethi, Uttar Pradesh- 227809.	01.10.2024	31.03.2025
8	Supply of all Material, Labour, Fuel & other Consumables, Disinfectants, Plants for Planted Gravel Filter bed , T&P etc. for Operation and Maintenance of 02 Nos Feacal Sludge Co-Treatment Plant of 100 KLD Capacity at Naini 42 MLD STP Campus and	36/SECCPYJ-MK-2024/2024-25	**15632531.01**	M/s. Shivay Constructions, Sector-K-312, L.D.A., Ashiyana Colony, Kanpur Road, Lucknow-226018.	01.01.2025	30.09.2025

	50 KLD Capacity at Jhunsi 16 MLD STP Campus alongwith operation & maintenance of 15 Nos. Cesspool vehicles and collection of feacal sludge/septage from septic tank of households in Naini and Jhunsi area as per directions of Engineer-in-Charge.					
9	Survey, Design, Supply, Installation and Operation & Maintenance of 03 Nos Prefabricated Sewage Treatment Plant of 0.5 MLD Capacity Each for Treatment of Sewage/ Septage / Faecal Sludge in Maha Kumbh Mela Area, Under Maha Kumbh Mela – 2025 Programme	11/SECCPYJ-MK-2024/2024-25	**47587561.56**	M/s. Shri Ram Constructions, 23 Shivpuri Colony Picnic Spot Road Faridinagar Lucknow 226015 **JV** M/s R & R Infra C-18B, G.F Parsavnath Paradise Mohan Nagar Ghaziabad UP	23.09.2024	31.03.2025
10	Laying & jointing of HDPE / D.I. Pipe, construction of pond and its appurtenant work including its operation and maintenance during entire mela duration and its dismantling and return back of all supply to departmental store in satisfactory condition in departmental store under Package-1 in Sector 1 & 2 of Mahakumbh Mela	11/EE-MK-2025/2024-25	**5389732.53**	M/s Shree Enterprises, Chaukatha, Tiwariyan Sukulpur, Meja, Prayagraj	29.09.2024	28.03.2025
11	Laying & jointing of HDPE / D.I. Pipe, construction of pond and its appurtenant work including its operation and maintenance during entire mela duration and its dismantling and return back of all supply to departmental store in satisfactory condition in	26/SECCPYJ-MK-2025/2024-25	**17787956.89**	M/s J.P. Enterprises, 10-A, J.P. Nagar, Naini, Prayagraj	09.10.2024	31.03.2025

	departmental store under Package-2 in Sector 3, 4 & 5 of Mahakumbh Mela					
12	Laying & jointing of HDPE / D.I. Pipe, construction of pond and its appurtenant work including its operation and maintenance during entire mela duration and its dismantling and return back of all supply to departmental store in satisfactory condition in departmental store under Package-3 in Sector 6, 7 & 8 of Mahakumbh Mela	31/SECCPYJ-MK-2025/2024-25	**17410298.64**	M/s G.P. Construction, (JV) M/s Twara Construction Company Pvt. Ltd. Jaitpur, Phulpur, Hanumanganj, Prayagraj	11.10.2024	31.03.2025
13	Laying & jointing of HDPE / D.I. Pipe, construction of pond and its appurtenant work including its operation and maintenance during entire mela duration and its dismantling and return back of all supply to departmental store in satisfactory condition in departmental store under Package-4 in Sector 9, 10,11 & 12 of Mahakumbh Mela	20/SECCPYJ-MK-2025/2024-25	**27008855.59**	M/s S.S. Construction, (JV) M/s Jay Devi Enterprises, 536A/2/29, Allahpur, Prayagraj	07.10.2024	31.03.2025
14	Laying & jointing of HDPE / D.I. Pipe, construction of pond and its appurtenant work including its operation and maintenance during entire mela duration and its dismantling and return back of all supply to departmental store in satisfactory condition in departmental store under Package-5 in Sector 13, 14,15 & 16 of Mahakumbh Mela	26/SECCPYJ-MK-2025/2024-25	**17787956.89**	M/s J.P. Enterprises, 10-A, J.P. Nagar, Naini, Prayagraj	09.10.2024	31.03.2025
15	Laying & jointing of	13/SECCPYJ-MK-	**30160601.65**	M/s Durgawati Global Project Pvt. Ltd. (JV) M/s	03.10.2024	31.03.2025

	HDPE / D.I. Pipe, construction of pond and its appurtenant work including its operation and maintenance during entire mela duration and its dismantling and return back of all supply to departmental store in satisfactory condition in departmental store under Package-6 in Sector 17, 18,19 & 20 of Mahakumbh Mela	2025/2024-25		Baba Construction Pvt. Ltd., Durgawati Hospital, Bus Station, Barhalganj, Gorakhpur.		
16	Laying & jointing of HDPE / D.I. Pipe, construction of pond and its appurtenant work including its operation and maintenance during entire mela duration and its dismantling and return back of all supply to departmental store in satisfactory condition in departmental store under Package-7 in Sector 21, 22 & 23 of Mahakumbh Mela	21/SECCPYJ-MK-2025/2024-25	**19000130.88**	M/s Durgawati Global Project Pvt. Ltd. (JV) M/s Baba Construction Pvt. Ltd., Durgawati Hospital, Bus Station, Barhalganj, Gorakhpur.	07.10.2024	31.03.2025
17	Laying & jointing of HDPE / D.I. Pipe, construction of pond and its appurtenant work including its operation and maintenance during entire mela duration and its dismantling and return back of all supply to departmental store in satisfactory condition in departmental store under Package-8 in Sector 24 & 25 of Mahakumbh Mela	04/EE-MK-2025/2024-25	**7795539.36**	M/s Rajesh Singh, Ward no.1, Kareha, Karchhana, Prayagraj	24.09.2024	23.03.2025

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15. To create the public awareness, the following steps are stated to be taken:

> **"**27. *That the Kumb Mela Adhikhari, District Prayagraj in it's separate report has informed about the effective steps which are being undertaken for the management of population which is anticipated to increase at the time of Maha Kumbh Mela period in District Prayagraj. Comprehensive waste management systems including proper disposal of waste has been adopted. Various awareness programmes with regards to protection of environment will be organised during the mela period, so as to educate the population and ensure that no open defecation takes place and solid and liquid waste management is done in proper manner. Further 10 Hoardings per Sector with 10 different sets of messages and designs regarding behavioral change and good hygiene practices are to be placed across all 25 sectors of Mela area. An initiative to beautify the city and Mela area with high quality street art projects being developed on various themes of sanitation, cleanliness, and Ganga-basin conservation is also been undertaken. Further awareness with regards to plastic free environment is also being conducted, so as to prohibit the use of plastics. A copy of report submitted by the Kumbh Mela Adhikari Prayagraj is being annexed herewith and marked as* ***Annexure R-8."***

16. The Applicant in the MA has filed objection to the report of the Principal Secretary, Environment and during the course of hearing he has referred to paragraph 3 of the objection concerning the discharge of untreated sewage in river Ganga at Daraganj, Prayagraj and Mehdauri Colony, Rasulabad. Ld. AAG, State of UP has informed that at all these three locations, the steps have been taken to prevent the discharge of untreated sewage in river Ganga by adopting geo-tube treatment.

17. The Ld. AAG, State of UP, on instructions, has stated that during the Maha Kumbh 2025 no drain in Prayagraj will discharge untreated sewage in river Ganga or Yamuna and that it will be ensured that the water quality does not go above 30 mg/l of BOD though the attempt would be aimed at maintaining the standard of 10 mg/l of BOD and fecal coliform to be 100 MPN/100 ml.

18. During the Maha Kumbh 2025 regular monitoring of the water quality of the river Ganga and Yamuna is necessary at frequent intervals to meet primary water quality criteria.

19. Hence, we dispose of the MA and OA with the following directions:-

i) During the Maha Kumbh in order to have a better monitoring mechanism and to ensure that on account of the unwanted flow of untreated sewage in river Ganga and Yamuna, the pilgrims who come for holy bath may not suffer, the CPCB and UPPCB will increase their monitoring points and frequency of monitoring on river Ganga and Yamuna.

ii) The CPCB and UPPCB will take the water samples from river Ganga and Yamuna from the points atleast twice a week at regular intervals by avoiding duplicacy of sample on the same day and will display the sample analysis report on the website of UP PCB and CPCB. The report will also include performance of STPs and geo-tubes.

iii) Periodic samples will be collected by UP PCB and CPCB at the outlet of STPs and advanced oxidation ponds and the analytical reports be uploaded on website of PCB and CPCB. Apart from the above, the online monitoring data will also be uploaded.

iv) The sample analysis report will be sent by CPCB and UP PCB during the Mela fortnightly to the Registrar General of the Tribunal so that in case of need, the matter can be listed for consideration again.

v) The solid waste generated during the event will be managed as per the prescribed Rules relating to its management and disposal.

vi) It has been pointed out that the Magh Mela will continue from 12.01.2025 till 26.02.2025 for about 45 days and there will be six important bathing days. The regulatory agencies will strengthen the management system and be more prompt in ensuring the

compliance, especially during the days of increase footfall. The authorities will ensure that no untreated sewage and solid waste from any of the drains in Prayagraj is discharged in river Ganga and Yamuna. The UP PCB and CPCB shall ensure that the river water quality at all times is drinking water/bathing water quality.

vii) During the Maha Kumbh and after the Maha Kumbh is over, the authorities will take steps for effective disposal of the sludge generated in the STPs and deposited in geo-tubes by following the requisite environmental norms and for the same, performance report shall be filed.

viii) In addition to submitting the sample analysis report as directed in para (iv) above, the CPCB and UPPCB will submit comprehensive action taken report before the Registrar General of the Tribunal by 31.01.2025 and 28.02.2025 disclosing the status of compliance.

20. The MA and OA are accordingly disposed of.

Prakash Shrivastava, CP

Dr. A. Senthil Vel, EM

December 23, 2024
Original Application No. 310/2022
with M.A. No. 59/2024
In Original Application No. 56/2024
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