National Mission for Clean Ganga
Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)

For the State of Uttar Pradesh

October 2021 – December 2021

I. **Status of implementation of Action Plan by States:** Action Plan for **Priority I** to **Priority IV Rivers** (**Hindon, Yamuna, Varuna, Kali East, Gomti, Ganga and Ramganga**) were approved by State River Rejuvenation Committee and CPCB. Action Plan for **Priority V Rivers (Betwa, Ghaghra, Saryu, Rapti and Sai)** were approved by State River Rejuvenation Committee. Action Plan for two additional Rivers Ami and Tamsa were also prepared and approved by State RRC.

II. **STP/CETP wise status of projects grounded to-date, status of projects awaiting sanction or in DPR stage (incremental progress in respect of projects):**

A. **Details of Under Construction STPs in the State-**

Information received from SMCG is annexed as **Annexure-I**

Ongoing STPs						
Sl	**Location**	**Nos**	**Capacity in MLD**	**% as of Sep. 2021 MPR**	**% as of Dec. 2021 MPR**	**Timeline**
1	Shuklaganj	1	5	13%	16%	November 2022
2	Unnao	1	15	56.32%	63.00%	March 2022
3	Kanpur - Pankha	1	30	64%	77.0%	March 2022
4	Naini – Jhusi - Phaphamau	3	72	57.45%	64.00%	March 2022
5	Etawah	1	21	90%	95.00%	March 2022
6	Kasganj	1	15	94%	100.00%	December 2021
7	Sultanpur	3	17	45%	55.00%	March 2022
8	Jaunpur	1	30	71.50%	77.00%	March 2022
9	Muzaffarnagar	2	54.5	21%	24.00%	December 2022
10	Budhana	1	10	21.5%	30.00%	December 2022
11	Baghpat	1	14	62%	70.00%	March 2022

12	Moradabad	1	25	Land Issue (Sub-judice)		24 months after decision
13	Lucknow	2	40	Sub-judice		
14	Bulandshahr	1	40	95%	95%	January 22
15	Hapur	1	30	80%	80%	March 2022
16	Mirzapur	2	7	98%	100%(Power Connection awaited)	March 2022
17	Bareilly	1	35	75%	77%	March 2022
18	Aligarh	1	45	80%	80%	April 2022
19	Rae Bareilly	1	18	99%	99%	February 2022
20	Etah	1	24	98%	100%	March 2022
21	Modinagar	1	20	95%	100%	December 2021
22	Shahjahanpur	1	40	12%	20%	January 2023
23	Lucknow	1	120	35%	35%	December 2022
24	Ballia	1	19.6	Revised DPR submitted to PPRBD, UPJN for evaluation		-
25	Pratapgarh	1	8.95	Bids invited, last date is 29.10.2021	20 %. Work is under progress in State Sector	-
26	Kanpur	1	15	98%	98%	-
27	Mirzapur	2	17	Contract signed, BEP submitted by contractor	Contract Agreement has been signed on 24.06.2021. Survey work in progress	June 2023
28	Ghazipur	1	21	-		June 2023
29	Kairana	1	15		4.38%	August 2023
30	Fatehgarh – Farrukhabad	2	45	Contract signed	LOA issued to M/s. HNB Engineers Pvt. Ltd. On 29.10.2021	October 2023
31	Bareilly	4	63	-	LOA issued to M/s. Enviro Infra Engineers Pvt. Ltd. On 28.07.2021.	July 2023
32	Ayodhya	1	33		LOA has been issued on 03.01.2022.	June-2024
Total		**43**	**963.05**			

B. <u>The status of sanctioned Projects which are under tendering stage is as follows:-</u>

S. No	Name of the project	Sanctioned cost (in Cr.)	No. of STPs proposed	STP capacity (MLD)	Remarks
1	Rehabilitation/Renovation of Agra Sewerage Scheme (I&D works) in UP (HAM)	842.25	13	177.60	NIT had been published on 17.05.2021 and 10 bids have been received on 22.09.2021. Technical Evaluation has been completed on 19.12.2021.
2	Pollution Abatement works for River Kali at Meerut town. (HAM)	690.71	1	220	NIT has been published on 01.09.2021 and bids are to be received on 12.01.2022.
3	Renovation of sewer line and STP works at NPP Azamgarh	42.21	1	8	Technical bids have been opened on 10.12.2021. Technical evaluation is under progress. Financial bid will be opened on 21.12.2021.
	Total	**1575.17**	**15**	**405.60**	

Total 5500 MLD Sewage is being generated in 652 ULBs present in Uttar Pradesh. Presently, 110 STPs are installed in Uttar Pradesh, which have 3486 MLD sewage treatment capacity. In addition to above, 43 STPs having total capacity of 963.05 MLD are under construction and 15 STPs having total capacity of 405.60 MLD are under tendering process. Upon completion of these STPs, the total sewage treatment capacity shall become 4854.65 MLD. Gap of 645.35 MLD is still present.

For long term measures for reducing the gap of 645.35 MLD, 37 Projects for I&D of drains and construction of STPs are being prepared under Namami Gange Phase-2 Programme by U.P. Jal Nigam (Rural). The total estimated cost of 37 DPRs is Rs. 6700 cr. wherein I&D of 145 drains and construction of 28 STPs, having total capacity of 822.60 MLD are proposed.

The summary of above details is mentioned as follows:-

S. No.	Description	Capacity (MLD)
1	**Estimated Sewage Generation**	**5500.00**
2	Total installed capacity of 110 STPs	3486
3	Total capacity of 43 nos. STPs under construction	963.05

S. No.	Description	Capacity (MLD)
4	Total capacity of 15 nos. sanctioned STPs under tendering stage	405.06
5	Proposed capacity of 28 STPs in 37 DPRs Under preparation	822.60
	Sub-Total (S. No. 2 - 5)	**5677.25**
	Gap (5500 – 5677.25)	**NIL**

Thus, there will be no Gap left between the sewage generation and the treatedsewage after the approval and execution of above aforesaid projects.

C. Details of Under Construction CETPs in the State-

S.No.	District	Working Agency	CETP Proposed	Timeline
1.	Unnao	M/s EMS Infracon Pvt Ltd	DPR Sanctioned by NMCG for construction of new CETP of capacity 4.5 MLD	Work has been awarded on 22.11.21. (02 years after allotment of work)
2.	Unnao	To be decided	DPR Sanctioned by NMCG for construction of new CETP of capacity 2.15 MLD	Bidding under process. 02 years after allotment of work
3.	Mathura	M/s. Fateh Enviro Engineers Pvt. Ltd.	Upgradation proposed under Namami Gange Project for 70% reuse of treated water. 50% of work being completed	Feb-2022
4.	Kanpur	JATETA	New 20 MLD CETP is under construction & to be completed by Dec, 2021-	Dec-2021

D. Status of existing STPs in the State

- Existing No. of STPs and Treatment Capacity (in MLD):

  Total No. – **110**
- Treatment Capacity - **3486 MLD**
- Capacity Utilization of existing STPs: **2905 MLD (83%)**
- MLD of sewage being treated through Alternate technology: -
- Gap in Treatment Capacity in MLD: **645.35**
- No. of Operational STPs: **110**
  - No. of Complying STPs: **84**
    No. of STPs having BOD up to 10 mg/L**: 16**
    No. of STPs having BOD between 10-30 mg/L: **68**
  - No. of Non-complying STPs: **21**
- No. of Non-operational STPs **- 05**

- **Details of each existing, under construction and Sanctioned STPs in the State:**

Details of each existing STP in the State (December, 2021)

1. Details of 21 Non- Compliant STPs

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
1	10.445 MLD STP near Tixi Tempel	Etawah	10.445	10.445	Yamuna Pollution Control Unit, UP Jal Nigam, Agra	07.12.21	7.70	32.0	248.0	78.0	260000	140000	**Not Achieving**	River Yamuna
2	67 MLD Mohammadpur, Biharipur	Firozabad	67	67	U.P. Jal Nigam	14.12.21	7.50	32.0	304.0	90.0	220000	140000	**Not Achieving**	River Yamuna
3	1.65 MLD Saifai	Etawah	1.65	1.65	U.P. Jal Nigam	07.12.21	7.70	33.0	264.0	87.0	230000	170000	**Not Achieving**	
4	23 MLD STP at Mauja Odenya, Padaria	Mainpuri	23.0	10.4	Nagar Palika Parishad	08.12.21	7.70	35.0	336.0	92.0	270000	140000	**Not Achieving**	Ishan River / River Ganga
5	36 MLD (9 MLD CETP + 27 MLD STP)	Kanpur	36 (9 MLD CETP + 27 MLD STP)	36 (9 MLD CETP + 27 MLD STP)	U.P. Jal Nigam	21.12.21	8.16	120.0	260.0	92.0	120000	63000	**Not Achieving**	
6	210 MLD, Bingawan Kanpur	Kanpur	210	140	U.P. Jal Nigam	21.12.21	7.64	54.0	260.0	72.0	790000	310000	Not Achieving	Tributary of River Ganga

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
7	5 MLD, Jajmau Kanpur	Kanpur	5	5	U.P. Jal Nigam	21.12.21	8.16	120.0	260.0	92.0	120000	63000	**Not Achieving**	River Ganga
8	43 MLD Jajmau, Kanpur	Kanpur	43	37	U.P. Jal Nigam	21.12.21	8.16	120.0	260.0	92.0	12000	63000	**Not Achieving**	River Ganga
9	130 MLD Jajmau, Kanpur	Kanpur	130	120	U.P. Jal Nigam	21.12.21	8.16	120.0	260.0	92.0	120000	63000	**Not Achieving**	River Ganga
10	80 MLD Dinapur STP	Varanasi	80	80	U.P. Jal Nigam	28.12.21	7.52	32.0	134.0	94.0	17000	9300	**Not Achieving**	River Ganga
11	12 MLD DLW STP	Varanasi	12	12	DLW	28.12.21	7.49	34.0	158.0	114.0	390000	210000	**Not Achieving**	Varuna
12	14 MLD Pakka Pokhra	Mirzapur	14	14	U.P. Jal Nigam	27.12.21	7.51	42.0	198.0	114.0	63000	17000	**Not Achieving**	River Ganga
13	4 MLD Vindhyachal	Vindhyachal / Mirzapur	4	2.5	U.P. Jal Nigam	27.12.21	8.33	36.0	208.0	116.0	26000	14000	**Not Achieving**	River Ganga
14	38 MLD STP, Mahilpur Road	Saharanpur	38	38	Jal Kal	22.12.21	7.70	37.0	332.0	165.0	2200	1700	**Not Achieving**	Hindon river to Yamuna river

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
15	4.50 MLD Kalindi Vihar, Agra	Agra	4.5	4.5	ADA	09.12.21	7.90	32.0	164.0	58.0	230000	130000	**Not Achieving**	River Yamuna
16	13.59 MLD, Masani, Mathura	Mathura	13.59	8	Nagar Palika Parishad	21.12.21	7.90	42.0	208.0	80.0	210000	84000	**Not Achieving**	River Yamuna
17	14.5 MLD Trans-yamuna, Jamunapar, Mathura	Mathura	14.5	7	Nagar Palika Parishad	21.12.21	8.00	48.0	224.0	78.0	280000	94000	**Not Achieving**	River Yamuna
18	04 MLD Vrindavan Near Pagal Baba Mandir, Mathura	Mathura	4.0	3.8	Nagar Palika Parishad	21.12.21	8.20	48.0	216.0	76.0	350000	130000	**Not Achieving**	River Yamuna
19	30 MLD Masani Mathura	Mathura	30	20	U.P. Jal Nigam	21.12.21	7.80	40.0	208.0	64.0	43000	14000	**Not Achieving**	
20	16 MLD Trans Yamuna, Laxmi Nagar, Mathura	Mathura	16	6	U.P. Jal Nigam	21.12.21	8.00	52.0	232.0	86.0	350000	110000	**Not Achieving**	River Yamuna
21	2.76 MLD Goverdhan STP	Mathura	2.76	2.76	Nagar Palika Parishad	21.12.21	7.80	40.0	208.0	64.0	240000	79000	**Not Achieving**	River Yamuna

2. List of 05 Non-Operational STPs –

Sl. No.	Name and Address of STP	District / City/ Town	Installed Capacity (MLD)	Utilized Capacity (MLD)	Technology/process STP based	Institutions responsible for O&M of STP	Operation Status (functioning/non-operational (reason for non-operational)/under construction/constructed & commissioned	Name of river catchment	Remark
1	Moradabad	Moradabad	20	NA	SBR	MDA	Not Operational	Ramganga River	Due to lack of sewage generation from the New MDA Colony near STP.
2	4 MLD Kanwara Road	Banda / Kanwara	4	--	Oxidation process	U.P. Jal Nigam	Not Operational	ken river sub tributary Yamuna /Tributary Ganga River	Presently, the rehab work is in progress. **The STP will be made operational by October, 2021.**
3	5 MLD Hathia Nala	Sultanpur	5	5	Oxidation Pond(Ist Pond of II Phase)	U.P. Jal Nigam	Not Operational since 01.05.2021 - (Inspected on-23.09.21)	River Gomti	Capacity upgradation is being done under the Namami Gange Programme which is proposed to be **completed by Dec-21**
4	26 MLD, Jhansi	Jhansi	26			U.P. Jal Nigam			Closed due to Mechanical Fault & break down of Mechanical machinery and Aeration diffuser system (Out of Order).
5	6 MLD STP Garh Zone, Garhmukeshwar Hapur	Hapur / Garhmukteswar	6	3.5	UASB followed by extended aeration	U.P. Jal Nigam	Not Operational (21.12.21)	Garh Catchment area	

3. List of 84 Achieving STPs –

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
1	13.5 MLD STP at Mauja Umrain	Etawah	13.5	3.0	Nagar Palika Parishad, Etawah	07.12.21	8.00	28.0	232.0	82.0	220000	130000	Achieving	Treated sewage is for irrigation
2	03 MLD STP Firozabad	Firozabad	3	3	Jal Kal	08.12.21	7.80	27.0	224.0	74.0	220000	110000	Achieving	
3	3.42 MLD Near Divyang kendra	Chitrakoot	3.42	3.42	U.P. Jal Nigam	10.09.20	7.50	22.0	115.2	86.0	92000	43000	Achieving	Lowland area to River Mandakini
4	15 MLD S.T.P. Jharkhandi, Maherwa ki Bari	Gorakhpur	15	15	U.P. Jal Nigam	28.12.21	7.63	10.0	58.0	26.0	1800	800	Achieving	
5	30 MLD S.T.P. Opp. Manyavar Kanshiram Shahri Garib Awas Yojna, Deoria bypass Road	Gorakhpur	30	30	U.P. Jal Nigam	28.12.21	7.58	8.0	54.0	24.0	1600	700	Achieving	River Ganga (Bihar)
6	56 MLD STP, Daulatganj	Lucknow	42+14	42+14	U.P. Jal Nigam	29.12.21	7.01	16.9	88.4	40.0	13000	780	Achieving	River Gomti
7					U.P. Jal Nigam									

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
8	56 MLD Trans Hindon (Indirapuram), Ghaziabad	Ghaziabad	56	56	Nagar Nigam	29.12.21	7.37	21.0	77.0	46.0	350000	38000	Achieving	River Hindon
9	56 MLD S.B.R., Bapudham, Ghaziabad	Ghaziabad	56	56	Ghaziabad Development Authority	28.12.21	7.65	22.0	104.0	49.0	3400	1200	Achieving	Hindon
10	30 MLD, Sadullabad (Loni), Ghaziabad	Ghaziabad	30	30	U.P. Jal Nigam	27.12.21	7.32	10.0	93.0	8.0	2700	1200	Achieving	Hindon
11	74 MLD S.B.R., Indirapuram, Ghaziabad	Ghaziabad	74	74	U.P. Jal Nigam	29.12.21	7.17	9.0	81.0	8.0	2700	830	Achieving	River Hindon
12	56 MLD, Indirapuram, (GDA), Ghaziabad	Ghaziabad	56	56	GDA	29.12.21	7.44	11.0	91.0	18.0	2400	820	Achieving	River Hindon
13	56 MLD S.B.R., Dudahaida Vijay Nagar, Ghaziabad	Ghaziabad	56	56	GDA	29.12.21	7.55	8.0	78.0	9.0	1400	930	Achieving	River Hindon
14	56 MLD S.B.R., Morty, Ghaziabad	Ghaziabad	56	56	GDA	28.12.21	7.44	14.0	121.0	24.0	2700	930	Achieving	River Hindon
15	70 MLD U.A.S.B.R. Dudahaida Vijay Nagar, Ghaziabad	Ghaziabad	70	70	Nagar Nigam	29.12.21	7.75	24.0	88.0	35.0	350000	170000	Achieving	River Hindon
16	3 MLD Pilkhaun	Ghaziabad	3	3	U.P. Jal Nigam	27.12.21	7.44	23.0	98.0	18.0	12000	4100	Achieving	River kali/ River Ganga

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
17	5 MLD Tronica City, Loni	Ghaziabad	5	3	UPSIDC	27.12.21	7.31	15.0	77.0	20.0	2200	1100	Achieving	
18	56 MLD S.B.R. Govindpuram, Ghaziabad	Ghaziabad	56	56	GDA	28.12.21	7.5	28.0	159.0	40.0	14000	2700	Achieving	River Hindon
19	78 MLD Dhadhupura, Agra	Agra	78	68.41	U.P. Jal Nigam	09.12.21	7.40	25.0	164.0	42.0	230000	130000	Achieving	Onland
20	2.25 MLD Budi ka Nagla, Agra	Agra	2.25	2.97	U.P. Jal Nigam	09.12.21	7.80	29.0	164.0	48.0	300000	170000	Achieving	Irrigation/River Yamuna
21	10 MLD Peelakhar, Agra	Agra	10	9.74	U.P. Jal Nigam	09.12.21	8.00	24.0	170.0	68.0	260000	210000	Achieving	Irrigation/River Yamuna
22	12 MLD Devri Road, (Bhimnagri), Agra	Agra	12	6.35	U.P. Jal Nigam	09.12.21	7.30	26.0	148.0	43.0	70000	40000	Achieving	River Yamuna
23	14 MLD Jaganpur, Sikandarpur, Agra	Agra	14	13.39	U.P. Jal Nigam	09.12.21	7.70	29.0	176.0	47.0	90000	60000	Achieving	Onland
24	40 MLD Sadarban, Bichhpuri, Agra	Agra	40	18.73	U.P. Jal Nigam	09.12.21	7.60	26.0	148.0	42.0	40000	20000	Achieving	River Yamuna
25	24 MLD Dhadhupura (New), Agra	Agra	24	18.91	U.P. Jal Nigam	09.12.21	7.10	27.0	170.0	47.0	70000	40000	Achieving	Onland

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
26	36 MLD Sadarwan (Bichpuri) New	Agra	36	36	ADA	09.12.21	8.00	28.0	148.0	54.0	260000	170000	Achieving	Land/ Agra canal
27	03 MLD Pandav Nagar, Meerut	Meerut	3	2.7	MDA	27.12.21	7.40	17.0	158.0	56.0	3200	2400	Achieving	River Kali (East)
28	07 MLD Pallavpuram-1, Meerut	Meerut	7	6.5	MDA	27.12.21	7.50	17.0	158.0	62.0	3400	2400	Achieving	River Kali (East)
29	10 MLD Lohiya Nagar, Meerut	Meerut	10	2	MDA	27.12.21	7.50	18.0	128.0	34.0	2700	2100	Achieving	River Kali (East)
30	15 MLD Shatabdinagar, Meerut	Meerut	15	4.8	MDA	27.12.21	7.50	16.0	158.0	62.0	3300	2600	Achieving	River Kali (East)
31	7 MLD Pallavpuram-2, Meerut	Meerut	7	7	MDA	27.12.21	7.40	18.0	168.0	68.0	3400	2200	Achieving	River Kali (East)
32	15 MLD Vedvyaspuri Meerut	Meerut	15	4.5	MDA	27.12.21	7.40	16.0	148.0	48.0	3100	2200	Achieving	River Kali (East)
33	06 MLD Rakshapuram, Meerut	Meerut	6	4.4	MDA	27.12.21	7.50	17.0	162.0	64.0	3300	2300	Achieving	River Kali (East)
34	06 MLD Shradhapuri-1, Meerut	Meerut	6	5.5	MDA	27.12.21	7.50	18.0	172.0	72.0	3400	2600	Achieving	River Kali (East)

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
35	06 MLD Sainik Vihar	Meerut	6	5.95	MDA	27.12.21	7.40	16.0	156.0	44.0	3100	2100	Achieving	River Kali (East)
36	5 MLD Modipuram Tiraha	Meerut	5	4.9	MDA	27.12.21	7.50	18.0	166.0	72.0	3400	2500	Achieving	River Kali (East)
37	07 MLD Sports Goods Complex, Meerut	Meerut	7	4	MDA	27.12.21	7.30	17.0	156.0	58.0	3100	2200	Achieving	River Kali (East)
38	72 MLD Garh road (Jagriti vihar)	Meerut	72	65	U.P. Jal Nigam	27.12.21	7.20	10.0	78.0	9.0	780	600	Achieving	River Ganga
39	10 MLD Ganga Nagar, Meerut	Meerut	10	3.8	MDA	27.12.21	7.30	15.0	128.0	34.0	2700	2100	Achieving	River Kali (East)
40	06 MLD Shradhapuri-Phase-2, Meerut	Meerut	6	5.6	MDA	27.12.21	7.30	15.0	146.0	46.0	2700	2100	Achieving	River Kali (East)
41	32.5 MLD Nagar Palika Parishad, Muzaffarnagar	Muzaffar Nagar	32.5	32.5	Nagar Palika Parishad, Muzaffarnagar	27.12.21	7.20	24.0	112.0	40.0	195000	105000	Achieving	River Hindon
42	12 MLD Ayodhya	Ayodhya	12	6	U.P. Jal Nigam	21.12.21	7.83	18.0	76.0	44.0	94000	70000	Achieving	River Saryu

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
43	08 MLD STP Near 100 Bed Hospital Vrindavan, Mathura	Mathura	8.0	7.0	U.P. Jal Nigam	21.12.21	7.70	28.0	176.0	52.0	92000	31000	Achieving	River Yamuna
44	33 MLD Sector-54, Noida	Noida	33	33	Noida Authority	14.12.21	7.39	9.0	104.0	52.0	32000	1100	Achieving	River Yamuna
45	25 MLD Sector-50, Noida	Noida	25	25	Noida Authority	14.12.21	7.32	15.0	128.0	57.0	680	400	Achieving	River Yamuna
46	35 MLD Sector-123, Noida	Noida	35	35	Noida Authority	14.12.21	7.52	10.5	120.0	55.0	1200	610	Achieving	River Hindon
47	50 MLD Sector-168, Noida	Noida	50	50	Noida Authority	14.12.21	7.49	9.0	112.0	53.0	78	20	Achieving	River Yamuna
48	2.0 MLD Greater Noida Authority STP, Vill- Badalpur	Greater Noida	2	2	Greater Noida Authority	13.12.21	7.36	6.0	33.0	8.0	1400	550	Achieving	River Yamuna
49	15 MLD ECO tech -2	Greater Noida	15	8	Greater Noida Authority	13.12.21	7.1	6.0	22.0	20.0	2100	1400	Achieving	----
50	20 MLD ECO tech -3	Greater Noida	20	10	Greater Noida Authority	13.12.21	7.39	8.0	50.0	9.0	1100	680	Achieving	----
51	137 MLD Kasana, GreaterNoida	Greater Noida	137	50	Greater Noida Authority	13.12.21	7.25	10.0	55.0	12.0	2700	930	Achieving	River Hindon

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
52	34 MLD Sector -50 Noida	Noida	34	34	Noida Authority	14.12.21	7.41	13.5	136.0	61.0	39000	14000	Achieving	River Yamuna
53	54 MLD Sector-54, Noida	Noida	54	54	Noida Authority	14.12.21	7.44	15.0	144.0	65.0	140000	21000	Achieving	River Yamuna
54	58 MLD Moradabad	Moradabad	58	18	U.P. Jal Nigam	21.12.21	7.1	9.6	68.0	7.0	170	70	Achieving	Ramganga River
55	15 MLD Pehrigaon	Rampur	15	0.07	U.P. Jal Nigam	21.12.21	7.3	24.0	88.0	41.0	1300	600	Achieving	Ramganga River
56	5 MLD Rampur	Rampur	5	0.003	U.P. Jal Nigam	21.12.21	7.4	9.2	40.0	9.0	120	50	Achieving	Ramganga River
57	14 MLD Benzirpur	Rampur	14	0.11	U.P. Jal Nigam	28.12.21	7.6	28.0	96.0	40.0	120	50	Achieving	Ramganga River
58	42 MLD, Sajari Kanpur	Kanpur	42	22	U.P. Jal Nigam	20.12.21	8.03	24.0	80.0	46.0	63000	28000	Achieving	Tributary of River Ganga
59	2.7 MLD Fatehgarh STP	Farrukhabad	2.7	2.0	U.P. Jal Nigam	20.12.21	8.68	21.0	120.0	48.0	110000	79000	Achieving	River Ganga
60	10 MLD STP Ponghat	Prayagraj	10	10	Ganga Pollution control unit, U.P. Jal Nigam	23.12.21	7.49	18.0	42.0	24.0	8400	450	Achieving	River Ganga
61	25 MLD STP Kodra	Prayagraj	25	25	Ganga Pollution control unit, U.P. Jal Nigam	23.12.21	7.51	20.0	36.0	40.0	13000	450	Achieving	River Ganga
62	60 MLD STP Rajapur	Prayagraj	60	60	Ganga Pollution control unit, U.P. Jal	22.12.21	7.46	22.0	40.0	36.0	24000	680	Achieving	River Ganga

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
					Nigam									
63	29 MLD STP Salori-1	Prayagraj	29	29	Ganga Pollution control unit, U.P. Jal Nigam	22.12.21	7.51	28.0	68.0	32.0	43000	920	**Achieving**	River Ganga
64	14 MLD STP Salori-2 Expansion	Prayagraj	14	14	Ganga Pollution control unit, U.P. Jal Nigam	22.12.21	7.37	10.0	28.0	12.0	7900	400	**Achieving**	River Ganga
65	80 MLD STP Naini	Prayagraj	20	20	Ganga Pollution control unit, U.P. Jal Nigam	23.12.21	7.49	24.0	62.0	28.0	21000	680	**Achieving**	River Yamuna
66			60	60									**Achieving**	River Yamuna
67	9.8 MLD Bhagwanpur STP	Varanasi	8.0+1.8	8.0+1.8	U.P. Jal Nigam	28.12.21	7.57	28.0	102.0	90.0	24000	13000	**Achieving**	River Ganga/Assi
68	50 MLD Ramana	Varanasi	50	50	U.P. Jal Nigam	28.12.21	7.62	15.0	58.0	32.0	2200	1300	**Achieving**	River Ganga
69	10 MLD Ramnagar	Varanasi	10	10	U.P. Jal Nigam	28.12.21	7.8	14.0	58.0	22.0	600	200	**Achieving**	River Ganga
70	120 MLD Goithaha STP	Varanasi	120	120	U.P. Jal Nigam	28.12.21	7.66	13.0	42.0	25.0	1100	450	**Achieving**	Varuna
71	140 MLD Dinapur STP	Varanasi	140	140	U.P. Jal Nigam	28.12.21	7.56	22.0	68.0	26.0	680	200	**Achieving**	River Ganga/ Varuna

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
72	6.5 MLD Awas vikas Parishad STP	Lucknow	6.5	6.5	U.P. Awas vikas Parishad	22.12.21	8.02	23.6	110.0	32.0	7900	1700	Achieving	River Gomti
73	37.5 MLD Awas vikas Parishad STP	Lucknow	37.5	37.5	U.P. Awas vikas Parishad	22.12.21	7.88	22.8	114.4	38.0	11000	2700	Achieving	River Gomti
74	345 MLD STP, Bharwara	Lucknow	345	345	U.P. Jal Nigam	29.12.21	7.21	18.0	92.8	42.0	54000	7900	Achieving	River Gomti
75	3 MLD STP Brijghat Zone, Garhmukeshwar Hapur	Hapur / Garhmukteswar	3	1.8	U.P. Jal Nigam (NGRBA)	14.12.21	7.30	11.0	43.0	14.0	2100	930	Achieving	River Ganga (Brijghat Area)
76	0.805 MLD Ahara Road, Zone-A, Anoopshahar	Bulandhsahar	0.805	0.805	U.P. Jal Nigam	27.12.21	7.49	26.0	216.0	79.0	4300000	3100000	Achieving	River Ganga
77	1.75 MLD Ahara Road, Zone-B, Anoopshahar	Bulandhsahar	1.75	1.75	U.P. Jal Nigam	27.12.21	7.55	24.0	216.0	86.0	3900000	2200000	Achieving	River Ganga
78	04 MLD Narora (NGRBA)	Bulandhsahar	4	4	U.P. Jal Nigam	27.12.21	7.26	18.0	128.0	58.0	920	430	Achieving	
79	2.25 MLD Narora Atomic power Station Narora Township	Bulandhsahar	2.25	2.25	Narora Atomic power Station	27.12.21	7.39	20.0	136.0	61.0	1600	920	Achieving	
80	1.5 MLD Anoopshahar Zone A (NGRBA)	Bulandhsahar	1.5	1.5	U.P. Jal Nigam	27.12.21	7.38	24.0	200.0	82.0	4000000	1700000	Achieving	River Ganga
81	01 MLD STP Zone-B Anoopshahar	Bulandhsahar	1.0	1.0	U.P. Jal Nigam	27.12.21	7.61	26.0	184.0	84.0	5400000	3100000	Achieving	River Ganga

Sl. No.	Name and Address of STP	City/ Town / District	Installed Capacity (MLD)	Utilized Capacity (MLD)	Institutions responsible for O&M of STP	Date	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/100ml)	FC (MPN/100ml)	whether Achieving or Not Achieving	Name of river catchment in which STP is located
82	24 MLD Bijnor	Bijnor	24	10	U.P. Jal Nigam	28.12.21	7.9	8.0	40.0	32.0	1400	110	**Achieving**	River Ganga
83	13 MLD Jalalpur, Amrapur	Kanpur Dehat	13	10	U.P. Jal Nigam	21.12.21	7.57	27.0	120.0	56.0	68000	35000	**Not Achieving**	Tributary of River Ganga
84	50 MLD STP Numayadahi	Prayagraj	50	50	Ganga Pollution control unit, U.P. Jal Nigam	23.12.21	7.42	20.0	44.0	30.0	15000	680	**Not Achieving**	River Yamuna

Number of existing **CETP- 07**

Capacity of **CETP – 58.55 MLD**

No. of **under construction CETP - 03**

Capacity of under construction **CETP – 26.65 MLD**

- Status of compliance and operation of the CETPs (Dec. 2021)

S.No.	Name	Existing Capacity	District	Compliance Status
1.	Apparel Park Tronica City CETP, Phase-I (for textile units), Ghaziabad	6 MLD	Ghaziabad	Yes
2.	CETP, HPDA, Pilkhaun, Hapur	2.1 MLD	Hapur, Ghaziabad	Yes
3.	Banther Industrial Pollution Control Co. CETP, Banther, Unnao	4.5 MLD	Unnao	Yes
4.	Unnao Tanneries Pollution Control Company (CETP) Site-II, Unnao	2.15 MLD	Unnao	Yes
5.	CETP, Industrial Area, Site-A, Mathura	6.25 MLD	Mathura	No
6.	CETP, UPSIDC Textile Complex, Rooma, Kanpur (for textile units)	1.5 MLD	Kanpur	No
7.	CETP Jajmau, Kanpur	36 MLD	Kanpur	No

III. Solid Waste Management:

- Total number of Urban Local Bodies and their Population

  Urban Local Bodies- 651

  Urban Population – 4.5 Crore

- Current Municipal Solid Waste Generation- **14710 TPD approx.**
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biomethanation, MRF etc

  No. of MSW processing facilities- 18 Plants (all are compost plant)

  Installed Capacity- 6020 TPD

  Utilization of existing MSW processing facilities- 6020 TPD (100%)

- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%) - NA

- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)

1. C& D Waste Processing Facilities	
Noida (Sector-81)	Facility of 300 MTD has come into operation since 05-10-2020.
Ghaziabad (Hindon Vihar)	Facility of 400 MTD is functional.
Lucknow, Agra, Varanasi, Kanpur & Prayagraj	Funds @ Rs. 1.5 Crore/City released to concerned Municipal Corporation. Expected to be commissioned by March, 2022.
Meerut	C & D Waste Management Facility is to be developed in 2 years.

- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source

  Total no. of wards - 12022

  No. of wards having door to door collection service - 12022 (100%)

  No. of wards practicing segregation at source – 8294

- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology):

Proposed Completion Date	**Number, Place and Capacity**
Plants to be made operational by 31.03.2022 (Arbitration resolved)	08 Plants with 895 TPD (Fatehpur, Sambhal, Badaun, Mirzapur, Balia, Rampur, Jhansi & Meerut)
Plants under land dispute to be resolved and commissioned	08 Plants with 930 TPD (Bareilly, Firozabad, Loni, Nazibabad, Bhadohi, Basti, Gorakhpur, Akbarpur-Ambedkar Nagar) ➢ The land has been Procured in Bareily, Firozabad and Loni. ➢ 75% construction work is completed in Loni. ➢ DPR has been approved from SHPSC in Bareily and Bhadohi and in Firozabad, DPR is planned to be presented before the committee in the next SHPSC. ➢ Land identified in Basti was not suitable and work under

	progress to make it suitable. ➢ Land has been identified in the Gorakhpur. Soil testing and survey is done. DPR is completed and shall be presented before the next SHPSC. ➢ Land has been identified in the Akbarpur (Ambedkar Nagar).
New plants sanctioned to be completed by December, 2022	20 plants with capacity of 1720 TPD are approved from the SHPSC and are under tendering process. 14 Plants with capacity of 2025 TPD, DPR is prepared and to be presented to the next SHPSC. Other than these 34 plants the 11 more plants are planned to be established by December 2022.

- **It is targeted that all smaller ULBs (approximately 450) that generate less than 10 TPD of solid waste establish composting facility for processing by December, 2022.**

- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.-
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers- **There is no legacy waste site situated within 1 KM of the banks of rivers**.
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers- Out of total 504 drains falling into the rivers **116** drains having Bar mesh/ Floating Racks.

Status of ULB wise Management of Solid Waste

ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
651	14468	**10433**	**6020 TPD**	100%	As Above

IV. Details of Nodal Officer appointed by Chief Secretary in the State/UT: Three tier monitoring mechanism developed and functional as submitted in the previous reports.

V. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: MoM Dated 16.08.2021 and 08.10.2021 was annexed in previous MPR

VI. Demarcation of Floodplain and removal of illegal encroachments:

- **6590 pillars** have been placed against 15293 pillars for demarcation of flood plain zone of River Ganga from Kannauj to Unnao.
- Hindon Flood Plain Zone has been decided by CE Yamuna vide office order no- N-1891/CEYamuna, dt. 29.09.2020.
- Yamuna Flood Plain Zone has been decided by CE Yamuna vide office order no- N-291/CE/NGT, dt. 29.01.2021.
- Varuna Flood Plain Zone has been decided by CE Sone vide office order no- N-7579/CE Sone, dt. 17.12.2020
- Gomti Flood Plain Zone has been decided by CE Sharda Sahayak vide office order no- N-1522/CESS, dt. 03.09.2020. For minor rivers, 50 metres have been decided.

Details of FPZ is enclosed as **Annexure- II**

VII. Maintaining minimum e-flow of river:

- E-flow for Kannauj-Unnao maintained as per directions of CWC.
- E-flow in Ghaghra River has been decided by CE Gandak vide office order no. 8685/CEG, dt. 02.03.2021.
- E-flow in Rapti has been decided by CE Gandak vide office order no. 8686/CEG, dt. 02.03.2021
- E-flow in Ramganga River has been decided, 4 Cumec from Harevali Barrage by CE Eastern Ganga Canal vide office order no. 1833/CEEGC, dt. 05.02.2021
- E-flow in Saryu has been decided. Minimum E-flow, 1 Cumec from Gopiya Barrage by CE Saryu-1 vide office order no- 161 /CESF, dt. 01.03.2021.
- E-flow in Betwa has been decided by CE Betwa vide office order no. 5641, dt. 07.10.2021

- E-flow for River Yamuna and Ganga (Unnao-UP Border) yet to be decided. Remaining are non-perennial rivers, e-flow cannot be maintained.
  Details of E-flow is enclosed as **Annexure- II**

VIII. Plantation activities along the rivers:

Details submitted in Previous MPR

IX. Development of Biodiversity Park: Status submitted in the MPR of Month June-July 2020.

X. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards: - Not yet Decided.

Monthly Physical Progress of NGRBA Projects in the Basin Status as on 31.12.2021

S. No.	State / Town	Name of the project	Overall Physical progress (in %)	Present Status Not started (A), On-going (B), Completed (C)	Remarks
1	U.P./ Allahabad	Sewerage & Non-Sewerage schemes for Pollution abatement of River Ganga at Allahabad	**100%**	**(C)**	
		Non EAP Component	100%		
		EAP Component	100%		
2	U.P./ Allahabad	Sewerage works in Sewerage District-E of Allahabad	**100%**	**(C)**	
		Non EAP Component	100%		
		EAP Component	100%		
3	U.P./ Allahabad	Sewerage works in Sewerage District-C of Allahabad	100%	**(C)**	
4	U.P./ Allahabad	14 mld Salori STP at Allahabad	100.0%	**(C)**	
5	U.P./ Allahabad	Sewerage works in Sewerage District 'A' of Allahabad	100.0%	**(C)**	(Expenditure includuing Price Escalation of Rs.6.67 cr.)
6	U.P./ Allahabad	Sewerage works in Sewerage District 'B' of Allahabad	100%	**(C)**	(Expenditure includuing Price Escalation of Rs.5.57 cr.)
7	U.P./ Allahabad	Sewerage Network in Dist.-E, Alld. (Add. work)	100%	**(C)**	
8	U.P./ Allahabad	I&D works & STP work for Naini (District G) & Phaphamau (District-F) in Allahabad city and Jhunsi Area of Allahabad	64.30%	**(B)**	(Expediture including NMCG + SPV release)
9	U.P./ Allahabad	Project for Rehabilitation and 15 year O&M of SPS, sewerage and STPs in Allahabad	Under Trail & Run	**(B)**	**Under Trail & Run.** (Expediture including NMCG + SPV release)
10	U.P./ Garhmukteshwar	Sewerage system and Sewage Treatment Plant works at Garhmukteshwar	100%	**(C)**	
11	U.P./ Anupshahr	Up-gradation of STP and Sewerage Works for Anupsahar	100%	**(C)**	

12	U.P./ Narora	Sewerage Scheme for Narora Town, Dist-Bulandshahr	100%	**(C)**	
13	U. P. / Moradabad	Prevention of Pollution of River RamGanga at Moradabad (Phase-I)	STP/ SPS Commissioned	**(C)**	**STP/SPS is commissioned.** Hydro testing in some part of sewer line is in progress.
14	U.P./ Bithoor	Sewerage Scheme for Bithoor Town, Kanpur	100%	**(C)**	
15	U.P. / Varanasi	JICA assisted Ganga Action Plan Phase-II Project at Varanasi	98.00%	**(B)**	
16	U.P./ Kannuaj	Kannuaj Sewerage Scheme Phase-II	100%	**(C)**	
17	U.P./ Kanpur	Sewerage works in Sewerage Dist. –I, Kanpur.	Under Commissiong	**(B)**	**Under Commissiong** (Expenditure includuing Price Escalation of Rs.43.53 cr.)
18	U.P./ Kanpur	I&D of Sisamau nala of Kanpur city	100%	**(C)**	
19	U.P./Varanasi	50 MLD STP Ramana in Assi- Bhu Sewerage District, **Varanasi.**	Under Trail & Run	**(B)**	(Expediture including NMCG + SPV release) **Under Trail & Run.**
20	U.P./Ramnagar	Interception, Diversion of Drains & sewage treatment works at **Ramnagar**	Under Trail & Run	**(B)**	**Under Trail & Run**
21	U.P./Vrindavan	Renovation and up-gradation of Vrindavan STP / SPS& appurtnant works, **Vrindavan**	100%	**(C)**	
22	U.P./Mathura	Rehabilitation / Up-gradation of I&D and STP at **Mathura** (HA Based - PPP)	99.00%	**(B)**	(Expediture including NMCG + SPV release)
23	U.P./Ayodhya-Faizabad	Interception, Diversion of Drains a**t Ayodhya**-Faizabad (DBOT)	100%	**(C)**	
24	U.P./Unnao	Interception, Diversion of Drains & sewage treatment works at **Unnao**	63.55%	**(B)**	(Expediture including NMCG + SPV release)
25	U.P./Shukhalaganj	Interception, Diversion of Drains & sewage treatment works at **Shukhalaganj**	17.5%	**(B)**	Design and drawing is under progress.
26	U.P./ Kanpur	Interception & Diversion of ICI and Thermal drains and construction of Sewage treatment plant at **Pankha, Kanpur.**	77.00%	**(B)**	(Expediture including NMCG + SPV release)

27	U.P./ Jaunpur	Interception, Diversion of Drains & sewage treatment works at **Jaunpur (DBOT Mode)**	80.00%	**(B)**	
28	U.P./ Sultanpur	Interception, Diversion of Drains & sewage treatment works at **Sultanpur (DBOT Mode)**	60.00%	**(B)**	
29	U.P./ Kasganj	Interception, Diversion of Drains & sewage treatment works at **Kasganj (DBOT Mode)**	98.50%	**(B)**	
30	U.P./ Etawah	Etawah Sewerage Scheme I&D works Etawaha **(DBOT Mode)**	95.25%	**(B)**	
31	U.P./Chunar	Fecal Sludge Management at **Chunar**	Under Trail & Run	**(B)**	**Under Trail &Run**
32	U.P./ Firozabad	Firozabad Sewerage Scheme I&D works **Firozabad (DBOT Mode)**	100.00%	**(B)**	
33	U.P./ Baghpat	I&D & STP works at Baghpat town, Distt. **Baghpat**	75%	**(B)**	
34	U.P./ Muzaffarnagar	Interception, Diversion of Drains & sewage treatment works at **Muzaffarnagar (HA Based-PPP)**	24.75%	**(B)**	LOA issued to M/s M/sGA Infra Pvt.Ltd,Jaipur JV M/s Buildcon Ltd,jaipur on 13.02.2020
35	U.P./ Budhana	Interception, Diversion of Drains at **Budhana**	30.5%	**(B)**	LOA issued to M/s M/sGA Infra Pvt.Ltd,Jaipur JV M/s Buildcon Ltd,jaipur on 13.02.2020
36	U.P./ Moradabad	Interception, Diversion of Drains & sewage treatment works at **Moradabad Zone-II (HA Based-PPP)**	0%	**(A)**	LOA issued to M/s GA Infra Pvt Ltd.,Jaipur J.V. M/s Lahoty Buildcon Ltd.,jaipur on 29.02.2020

37	U.P./ Lucknow	I&D & STP works at Lucknow town **(DBOT Mode)**	0%	**(A)**	LOA issued to M/s RK Engineers Sales Ltd. Lucknow JV M/s Khilari Infrastructure Pvt.Ltd. Navi Mumbai on 17.09.2020. Court Case
38	U.P./Ghazipur	Interception, Diversion of Drains & sewage treatment works at **Ghazipur** (HA Based - PPP)	0%	**(A)**	LOA issued to M/s EMS Infracon Pvt. Ltd. Ghaziabad JV M/s EMIT Group , New Delhi on 20.02.2021
39	U.P./ Farrukhabad-Fatehgarh	Interception, Diversion of Drains & sewage treatment works at **Farrukhabad-Fatehgarh** (HA Based -PPP)	0%	**(A)**	LOA issued to M/s HNB Engineer Pvt. Ltd., Maharshtra on 29.11.2021
40	U.P./ Mirzapur	Interception, Diversion of Drains & sewage treatment works at **Mirzapur** (HA Based - PPP)	0%	**(A)**	LOA issued to M/s M/s EMS Infracon Pvt. Ltd. Ghaziabad JV M/s EMIT Group , New Delhi on 20.02.2021
41	U.P./ Bareilly	Interception, Diversion of Drains & sewage treatment works at **Bareilly (HA Based-PPP)**	0%	**(A)**	LOA issued to M/s Enviro Infra Engineers Pvt. Ltd, Delhi on 28.07.2021
42	U.P./ Agra	Interception, Diversion of Drains & sewage treatment works at **Agra (HA-PPP Mode)**	0%		Bid is incvited on 22.09.2021. Ten Bid received. Technical bid evaluation completed and sent to NMCG.
43	U.P./ Meerut	Interception, Diversion of Drains & sewage treatment works at **Meerut (HA-PPP Mode)**	0%		Bid is invited on 12.01.2022
44	U.P./ Kairana	Interception, Diversion of Drains & sewage treatment works at **Kairana**	4.38%	**(B)**	LOA issued to M/s SIPL JV RKC, Gurugram, Harayana on 24.08.2021.
45	U.P./ Faizabad	Interception, Diversion of Drains & sewage treatment works at **Faizabad** Distt Ayodhya			LOA issued to M/s ECO Protection EngineersPrivate Limited,Annanagar,Chennai on 30.12.2021

ओ0ए0 संख्या– 673/2018 से आच्छादित सिंचाई विभाग की प्रथम, द्वितीय, तृतीय,चतुर्थ एवं पंचम वरीयता वाली 12 नदियों का विवरणः-

upto dt. 13.01.2022

Sl. No.	Name of River	River's stretch	Record seasonal variation in River flow.	Directions	Action taken	Timeline		Possibility of maintaining E-flow	
							Timeline		Timeline
	1st Priority-04								
1	Hindon	Saharanpur to Ghaziabad	Non-Perennial flow	Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Yamuna vide office order no- N-1891/CEYamuna, dt. 29.09.2020	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.	9 months	Hindon River is non-perennial river so E-flow can not be maintained	---
2	Kali River (East)	Mujaffarnagar to Gulauthi	Non Perennial flow	Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Ganga vide office order no- N-6773/CE Ganga, dt. 27.08.2020	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.	9 months	Kali River (East) is non-perennial river so E-flow can not be maintained	---
3	Varuna River	Rameshwar to Varanasi	Non Perennial flow	Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Sone vide office order no- N-7579/CE Sone, dt. 17.12.2020	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.	9 months	Varuna River is non-perennial river so E-flow can not be maintained	---

Sl. No.	Name of River	River's stretch	Record seasonal variation in River flow.	Directions	Action taken	Timeline		Possibility of maintaining E-flow	
							Timeline		Timeline
4	Yamuna	Azgarpur to Etawah & Shahpur to Prayagraj	Perennial flow	1. Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Yamuna vide office order no- N-291/CE/NGT, dt. 29.01.2021	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.based on their studies.	9 months	---	---
				2. E-flow	E-flow in Yamuna River will be studied & decided by Central Water Commision.	---	9 months	There is no other barrage or discharge regulating structure on river Yamuna after Okhla.	As per direction of UYRB, 10 Cumec of discharge has been maintained D/S of Okhla Barrage.
	2nd Priority-00	**0**							
	3rd Priority-01	**1**							
5	Gomti	Sitapur to Varanasi	Non-Perennial flow	Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Sharda Sahayak vide office order no- N-1522/CESS, dt. 03.09.2020	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.	9 months	Gomti River is non-perennial river so E-flow can not be maintained	---
	4th Priority-02	**2**							

Sl. No.	Name of River	River's stretch	Record seasonal variation in River flow.	Directions	Action taken	Timeline		Possibility of maintaining E-flow	
							Timeline		Timeline
6	Ganga	Kannauj to Kanpur/Unnao	Perennial flow	1. Identification, Notification & Demarcation of flood plain zone.	Notification has been issued on 4th Sep 2020 by State Govt.	**(i) Kannauj to Unnao** 6590 pillars have been placed against 15293 pillars for demarcation of flood plain zone.	9 months	---	
				2. E-flow	E-flow from Kannauj to Unnao is being maintained from Narora Barrge & Kanpur Barrage as per the directions of Central Water Commision.	24 Cumec- Nov. to May 48 Cumec- Jun. to Oct.	---	E-flow is being maintained as per direction of CWC	
	Ganga	Kanpur/Unnao to Varanasi	Perennial flow	1. Identification, Notification & Demarcation of flood plain zone.	Identification of Flood Plain Zone is being carried out by CWC.	**(ii) Unnao to Varanasi** ---	---	---	9 months
				2. E-flow		---		E-flow for Second Phase will be maintained from Kanpur Barrage only.	

Sl. No.	Name of River	River's stretch	Record seasonal variation in River flow.	Directions	Action taken	Timeline		Possibility of maintaining E-flow	
							Timeline		Timeline
7	Ramganga	Moradabad to Kannauj	Perennial flow	1. Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Eastern Ganga vide office order no- N-7089/CEEGC, dt. 27.08.2020	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.based on their studies.	9 months	---	---
				2. E-flow	E-flow in Ramganga River has been decided, 4 Cumec from Harevali Barrage by CE Eastern Ganga Canal vide office order no. 1833/CEEGC, dt. 05.02.2021	---	---	E-flow is being maitained from Harevali Barrage	---
	5th Priority-05	**5**							
8	Betwa	Hamirpur to Wagpura	Perennial flow	1. Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE (Betwa) vide office order no. 2660/dt. 01.03.2021	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.based on their studies.	9 months	---	---
				2. E-flow	E-flow has been decided by CE Betwa vide office order no. 5641, dt. 07.10.2021	Mansoon Period= 57.77 Cumec Non Mansoon Period= 9.22 Cumec	---	E-flow is being maitained	---

Sl. No.	Name of River	River's stretch	Record seasonal variation in River flow.	Directions	Action taken	Timeline		Possibility of maintaining E-flow	
							Timeline		Timeline
9	Ghaghra	Barhalganj to Deoria	Perennial flow	1. Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Gandak vide office order no- N- 6168, dt. 11.11.2020	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.based on their studies.	9 months	---	---
				2. E-flow	E-flow in Ghaghra River has been decided by CE Gandak vide office order no. 8685/CEG, dt. 02.03.2021	Mansoon Period=165.53 Cumec Non Mansoon Period=47.46 Cumec	---	E-flow is being maintained	---
10	Rapti	Domingarh to Rajghat	Perennial flow	1. Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Gandak vide office order no- N- 6169, dt. 11.11.2020	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest	9 months	---	---
				2. E-flow	E-flow has been decided by CE Gandak vide office order no. 8686/CEG, dt. 02.03.2021	Mansoon Period=58.77 Cumec Non Mansoon Period=13.46 Cumec	---	E-flow is being maintained	---
11	Sai	Unnao to Jaunpur	Non-Perennial flow	Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Sharda Sahayak vide office order no- N-1521/CESS, dt. 03.09.2020	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.	9 months	Sai River is non-perennial river so E-flow can not be maintained	---

Sl. No.	Name of River	River's stretch	Record seasonal variation in River flow.	Directions	Action taken	Timeline		Possibility of maintaining E-flow	
							Timeline		Timeline
12	Saryu	Ayodhya to Elafatganj	Perennial flow	1. Identification, Notification & Demarcation of flood plain zone.	Flood Plain Zone has been decided by CE Saryu-1 vide office order no- N- 762, dt. 30.09.2020	Demarcation of flood plain will be made at suitable location by planting a row of suitable plants through forest department.based on their studies.	9 months	---	---
				2. E-flow	Minimum E-flow has been decided, 1 Cumec from Gopiya Barrage by CE Saryu-1 vide office order no- 161 /CESF, dt. 01.03.2021	1 Cusec	---	E-flow (1 Cumec) is being maintained from Gopia Barrage	---

Notes:

1. No construction/No development zone for River Ganga is decided on the basis of O.A. 200/2014 M.C. Mehta v/s Union of India.
2. For Yamuna & other major rivers, it is also decided on the same principle as 100mtr.
3. For minor rivers, it is decided as 50mtr.
4. E-flow is maintained in river Ganga as per the guidelines of C.W.C. from Kannauj to Unnao as 24 cumec from November to May and 48 cumec from June to October.
5. For Yamuna river, as per Upper Yamuna River Board compulsory Downstream discharge is 10 cumec which is maintained from Okhla Barrage.
6. For non perennial rivers, E-flow can not be maintained through out the year and no surplus water is available to augment the flow in these rivers.
7. There is no surplus water in any canal that can augment, flow in critical polluted reaches.