संख्या–एन.जी.टी.–568 / 81–7–2020–49(पर्या) / 2017

प्रेषक,

भारत प्रसाद,
अनु सचिव,
उ0प्र0 शासन।

सेवा में,

अधिशाषी निदेशक–तकनीकी,
राष्ट्रीय स्वच्छ गंगा मिशन,
प्रथम तल, मेजर ध्यान चन्द्र नेशनल स्टेडियम,
इण्डिया गेट, नई दिल्ली–110002.

पर्यावरण, वन एवं जलवायु परिवर्तन अनु0–7 लखनऊ : दिनांक : 21 अक्टूबर, 2020

विषय–मा0 एन0जी0टी0, नई दिल्ली में विचाराधीन ओ0ए0 संख्या–673 / 2018 में पारित आदेश के अंतर्गत गठित केन्द्रीय अनुश्रवण समिति, जल शक्ति मंत्रालय को मासिक प्रगति आख्या प्रेषित किये जाने के सम्बन्ध में।

महोदय,

उपर्युक्त विषय पर मुझे यह कहने का निदेश हुआ है कि सदस्य सचिव, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, लखनऊ के पत्र सं0–जी33947 / सी–4 / आरआरसी / 2020, दिनांक 20.10.2020 द्वारा मा0 एन.जी.टी., नई दिल्ली में विचाराधीन ओ0ए0 सं0–673 / 2018 में पारित आदेश के अंतर्गत गठित केन्द्रीय अनुश्रवण समिति, जल शक्ति मंत्रालय की प्रथम मासिक बैठक में लिये गये निर्णयों के अनुपालन में प्रदेश में स्थित 12 नदियों के प्रदूषित खण्डों के पुनर्जीवीकरण हेतु बनायी गयी कार्ययोजना के क्रियान्वयन से सम्बन्धित माह–सितम्बर, 2020 की मासिक प्रगति आख्या केन्द्रीय अनुश्रवण समिति के अवलोकनार्थ संलग्न कर प्रेषित की जा रही है।

संलग्नक–यथोक्त।

भवदीय,

(भारत प्रसाद)
अनु सचिव।

संख्या–एन.जी.टी.–568 (1) / 81–7–2020–49(पर्या) / 2017, तद्दिनांक

प्रतिलिपि– सदस्य सचिव, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, लखनऊ को उनके उक्त संदर्भित पत्र दिनांक–20.10.2020 के संदर्भ में सूचनार्थ प्रेषित।

आज्ञा से,

(भारत प्रसाद)
अनु सचिव।

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
September 2020

Overall status of the State:

I. Total Population: Urban Population & Rural Population separately

Urban Population- 4.5 Crore in 2011

Rural Population- 15.51 Crore in 2011

II. Estimated Sewage Generation (MLD): **5500 MLD**

III. Details of Sewage Treatment Plant:

- Existing no. of STPs and Treatment Capacity (in MLD):
  Total No. - **106 (operational + Not operational)**
  Treatment Capacity - **3370.87 MLD**
- Capacity Utilization of existing STPs: **2630.588 MLD (78.03%)**
- MLD of sewage being treated through Alternate technology: -
- Gap in Treatment Capacity in MLD: **679**
- No. of Operational STPs: **100**
- No. of Complying STPs: **77**
- No. of Non-complying STPs: **23**

Details of each existing STP in the State

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP	Updated Status of STP maintained/supervised by UPJN
1	Chitrakoot	3.42	3.42	Operational	Achieving Norms	Doesn't pertain to UPJN
2	Kanpur	42	10	Operational	Achieving Norms	As it is
3	Kanpur	36 (9 MLD CETP + 27 MLD STP)	36 (9 MLD CETP + 27 MLD STP)	Operational	Achieving Norms	As it is
4	Kanpur Dehat	13	10	Operational	Achieving Norms	As it is
5	Farrukhabad	2.7	2.0	Operational	Achieving Norms	As it is

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP	Updated Status of STP maintained/supervised by UPJN
6	Prayagraj	50	50	Operational	Achieving Norms	As it is
7	Prayagraj	10	10	Operational	Achieving Norms	As it is
8	Prayagraj	25	25	Operational	Achieving Norms	As it is
9	Prayagraj	60	60	Operational	Achieving Norms	As it is
10	Prayagraj	29	29	Operational	Achieving Norms	As it is
11	Prayagraj	14	14	Operational	Achieving Norms	As it is
12	Prayagraj	20	20	Operational	Achieving Norms	As it is
13		60	60	Operational	Achieving Norms	As it is
14	Varanasi	8.0+1.8	8.0+1.8	Operational	Achieving Norms	As it is
15	Varanasi	80	80	Operational	Achieving Norms	As it is
16	Varanasi	120	120	Operational	Achieving Norms	As it is
17	Varanasi	140	140	Operational	Achieving Norms	Doesn't pertain to UPJN
18	Varanasi	12	12	Operational	Achieving Norms	As it is
19	Mirzapur	14	14	Operational	Achieving Norms	As it is
20	Gorakhpur	15	15	Operational	Achieving Norms	As it is
21	Gorakhpur	30	30	Operational	Achieving Norms	As it is
22	Saharanpur	38	38	Operational	Achieving Norms	As it is
23	Lucknow	6.5	6.5	Operational	Achieving Norms	Doesn't pertain to UPJN
24	Lucknow	37.5	37.5	Operational	Achieving Norms	Doesn't pertain to UPJN
25	Lucknow	345	345	Operational	Achieving Norms	As it is
26	Lucknow	56	56	Operational	Achieving Norms	As it is
27				Operational	Achieving Norms	As it is
28	Ghaziabad	56	56	Operational	Achieving Norms	As it is
29	Ghaziabad	56	56	Operational	Achieving Norms	Doesn't pertain to UPJN
30	Ghaziabad	56	56	Operational	Achieving Norms	Doesn't pertain to UPJN
31	Ghaziabad	3	3	Operational	Achieving Norms	As it is
32	Ghaziabad	5	2.5	Operational	Achieving Norms	Doesn't pertain to UPJN
33	Ghaziabad	56	56	Operational	Achieving Norms	Doesn't pertain to UPJN
34	Hapur	3	1.8	Operational	Achieving Norms	As it is
35	Hapur	6	3.5	Operational	Achieving Norms	As it is
36	Agra	78	68.41	Operational	Achieving Norms	As it is
37	Agra	12	6.35	Operational	Achieving Norms	As it is
38	Agra	14	13.39	Operational	Achieving Norms	As it is
39	Agra	40	18.73	Operational	Achieving Norms	As it is
40	Agra	24	18.91	Operational	Achieving Norms	As it is
41	Agra	36	36	Operational	Achieving Norms	Doesn't pertain to UPJN
42	Agra	4.5	4.5	Operational	Achieving Norms	Doesn't pertain to UPJN
43	Meerut	3	2.7	Operational	Achieving Norms	Doesn't pertain to UPJN
44	Meerut	7	6.5	Operational	Achieving Norms	Doesn't pertain to UPJN

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP	Updated Status of STP maintained/supervised by UPJN
45	Meerut	10	2	Operational	Achieving Norms	Doesn't pertain to UPJN
46	Meerut	15	4.8	Operational	Achieving Norms	Doesn't pertain to UPJN
47	Meerut	11	8	Operational	Achieving Norms	Doesn't pertain to UPJN
48	Meerut	15	4.5	Operational	Achieving Norms	Doesn't pertain to UPJN
49	Meerut	6	4.4	Operational	Achieving Norms	Doesn't pertain to UPJN
50	Meerut	6	5.5	Operational	Achieving Norms	Doesn't pertain to UPJN
51	Meerut	6	5.95	Operational	Achieving Norms	Doesn't pertain to UPJN
52	Meerut	5	4.9	Operational	Achieving Norms	Doesn't pertain to UPJN
53	Meerut	7	4	Operational	Achieving Norms	Doesn't pertain to UPJN
54	Meerut	10	3.8	Operational	Achieving Norms	Doesn't pertain to UPJN
55	Meerut	72	65	Operational	Achieving Norms	As it is
56	Meerut	6	5.6	Operational	Achieving Norms	Doesn't pertain to UPJN
57	Muzaffar Nagar	32.5	32.5	Operational	Achieving Norms	As it is
58	Ayodhya	12	6	Operational	Achieving Norms	As it is
59	Mathura	8	7	Operational	Achieving Norms	As it is
60	Noida	33	33	Operational	Achieving Norms	Doesn't pertain to UPJN
61	Noida	25	25	Operational	Achieving Norms	Doesn't pertain to UPJN
62	Noida	35	35	Operational	Achieving Norms	Doesn't pertain to UPJN
63	Noida	50	50	Operational	Achieving Norms	Doesn't pertain to UPJN
64	Greater Noida	2	2	Operational	Achieving Norms	Doesn't pertain to UPJN
65	Greater Noida	15	8	Operational	Achieving Norms	Doesn't pertain to UPJN
66	Greater Noida	20	10	Operational	Achieving Norms	Doesn't pertain to UPJN
67	Greater Noida	137	50	Operational	Achieving Norms	Doesn't pertain to UPJN
68	Noida	34	34	Operational	Achieving Norms	Doesn't pertain to UPJN
69	Noida	54	54	Operational	Achieving Norms	Doesn't pertain to UPJN
70	Bulandhsahar	0.805	0.805	Operational	Achieving Norms	As it is
71	Bulandhsahar	1.75	1.75	Operational	Achieving Norms	As it is
72	Bulandhsahar	4	4	Operational	Achieving Norms	As it is
73	Bulandhsahar	2.25	2.25	Operational	Achieving Norms	Doesn't pertain to UPJN
74	Bulandhsahar	1.5	1.5	Operational	Achieving Norms	As it is
75	Bulandhsahar	1.0	1.0	Operational	Achieving Norms	As it is
76	Bijnor	24	10	Operational	Achieving Norms	As it is
77	Rampur	14	0.11	Operational	Achieving Norms	As it is
78	Etawah	10.445	9.77	Operational	Not Achieving Norms	As it is

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP	Updated Status of STP maintained/supervised by UPJN
79	Etawah	13.5	13.5	Operational	Not Achieving Norms	Doesn't pertain to UPJN
80	Firozabad	3	3	Operational	Not Achieving Norms	Doesn't pertain to UPJN
81	Etawah	1.6	1.6	Operational	Not Achieving Norms	As it is
82	Mainpuri	23.0	2.0	Operational	Not Achieving Norms	As it is
83	Kanpur	210	70	Operational	Not Achieving Norms	As it is
84	Kanpur	43	35	Operational	Not Achieving Norms	As it is
85	Kanpur	130	100	Operational	Not Achieving Norms	As it is
86	Mirzapur	4	2.5	Operational	Not Achieving Norms	As it is
87	Ghaziabad	56	56	Operational	Not Achieving Norms	O & M against contract in One City-One Operator. Rehab of STP will be completed by Feb - 2021
88	Ghaziabad	74	74	Operational	Not Achieving Norms	As it is
89	Ghaziabad	70	70	Operational	Not Achieving Norms	O & M against contract in One City-One Operator. Rehab of STP will be completed by Feb - 2021
90	Agra	2.25	2.97	Operational	Not Achieving Norms	As it is
91	Agra	10	9.74	Operational	Not Achieving Norms	As it is
92	Mathura	13.59	8	Operational	Not Achieving Norms	O & M against contract in Hybrid Annuity Mode (HAM). Rehab of STP will be completed by Jan-2021
93	Mathura	14.5	7	Operational	Not Achieving Norms	
94	Mathura	16	6	Operational	Not Achieving Norms	
95	Mathura	4	3.8	Operational	Not Achieving Norms	Rehab of STP will be completed by Dec - 2020
96	Mathura	2.76	2.76	Operational	Not Achieving Norms	As it is
97	Moradabad	58	18	Operational	Not Achieving Norms	As it is
98	Rampur	15	0.07	Operational	Not Achieving Norms	As it is
99	Rampur	5	0.003	Operational	Not Achieving Norms	As it is

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP	Updated Status of STP maintained/supervised by UPJN
100	Sultanpur	5	5	Operational	Not Achieving Norms	O & M against contract in One City-One Operator. Rehab of STP will be completed by Nov - 2021
101	Firozabad	67	67	Non-operational	Non-operational	Doesn't pertain to UPJN
102	Moradabad	20	NA	Non-operational	Non-operational	Doesn't pertain to UPJN
103	Ghaziabad	56	56	Non-operational	Non-operational	Doesn't pertain to UPJN
104	Ghaziabad	30	30	Non-operational	Non-operational	To make the STP operational, G.O. for rehabilitation of Loni STP had been issued on 28.09.2020. The bids received for rehabilitation of these STPs have been opened and submitted to State Mission Directorate office for approval from State Level Technical Committee (SLTC).
105	Kanpur	5	5	Non-operational	Non-operational	STP is Operational and undergoing rehab. Rehab of STP will be completed by Mar - 2021
106	Banda	4	--	Non-operational	Non-operational	To make the STP operational, G.O. for rehabilitation of Banda STP had been issued on 04.09.2020. The bids received for rehabilitation of these STPs have been opened and submitted to State Mission Directorate office for approval from State Level Technical Committee (SLTC).

Details of under construction STPs in the State

S.No	Activity	Name & Capacity of Projects/Units (Existing and Required)			Status of I&D or house sewer connection	Expected Commissioning dates of projects being undertaken	Present Stage (% Progress)
		Name	Nos.	Capacity (MLD)			
Under Construction Projects							
1	STPs & I&D etc.	Ramna	1	50	-	Dec-20	90.00%
2		Ramnagar	1	10	-	Dec-20	56.00%
3		Mathura	1	30	-	Apr-21	74.00%
4		Shuklaganj	1	5	-	Oct-21	BEP submitted to IIT Roorkee for vetting
5		Unnao	1	15	-	Oct-21	14.00%
6		Kanpur	1	30	-	Oct-21	14.00%
7		Naini, Fafamau, Jhunsi	3	72	-	Sep-21	25.00%
8		Etawah	1	21	-	Jan-21	38.75%
9		Kasganj	1	15	-	Jul-21	38.25%
10		Sultanpur	3	17	-	Nov-21	10.00%
11		Jaunpur	1	30	-	Oct-21	15.50%
12		Chunar	1	0.01	-	Dec-20	65.00%
13		Muzaffarnagar	2	54.5	-	Feb-22	BEP submitted to IIT Roorkee for vetting
14		Budhana	1	10	-	Feb-22	
15		Baghpat	1	14	-	Dec-21	12.00%
16		Moradabad	1	25	-	Mar-22	Land Issue
17		Lucknow	2	40	-	Dec-22	(LOA Issued on 17.09.2020)
18		Bulandshahar	1	40	-	Dec-21	72.00%
19		Hapur	1	30	-	Mar-22	34.00%
20		Mirzapur	1	7	-	Mar-22	45.00%
21		Bareilly	1	35	-	Mar-22	45.00%
22		Aligarh	1	45	-	May-21	67.00%
23		Rae Bareilly	1	18	-	Dec-21	65.00%
24		Etah	1	24	-	Dec-20	88.00%
25		Modinagar	1	20	-	Dec-20	82.00%
26		Shahjahanpur	1	40	-	Dec-22	2.00%
27		Firozabad	1	67	-	Dec-20	98.00%
28		Lucknow	1	120	-	Dec-20	27.00%
29		Ballia	1	19.6	-	Dec-21	80.00%
30		Pratapgarh	1	8.95	-	Dec-21	90.00%
31		Jhansi	1	26	-	Mar-21	90.00%
32		Kanpur	1	15	-	Dec-20	98.00%
		Total	**38**	**954.06**			

Details of Proposed STPs in the State

S.No	Activity	Name & Capacity of Projects/Units (Existing and Required)			Status of Pending Projects	Expected Commissioning dates of projects being undertaken	Present Stage (% Progress)
		Name	Nos.	Capacity (MLD)			
Under Tendering Stage							
1	STPs & I&D etc.	Fatehgarh	2	61.5	Out of approx. 5500 MLD STP capacity requirement, the available capacity of STP by Dec., 2022 will be 4821.00 MLD. There will be a gap of 679.00 MLD which will be met after new projects formulation and their commissioning. Till the new STP for meeting the gap is sanctioned, it is submitted that State Government has issued Uttar Pradesh State Septage Management Policy for the faecal and septage management for the uncovered sewer network areas. Also the Government order has been issued to all the Urban Local Bodies for insitu waste waste treatment projects on all such drainsby adopting bio-remediation process.	To be completed within 24 months after the issuance of Letter of Authorization.	Administrative Approval and Expenditure Sanction (AA&ES) to be revised.
2		Ghazipur	1	21			Revised AA&ES issued on 06.05.2020. Bids received and opened on 08.09.2020. Technical bid evaluation under process.
3		Mirzapur	2	17			AA&ES issued on 28.05.2020. Bids received and opened on 08.09.2020. Technical bid evaluation under process.
4		Bareilly	4	63			Tender invited. Bids document will open on 27.11.2020. Land issue resolved.
5		Agra	13	177.60			AA&ES issued on 06.05.2020. Bid document is being prepared by NMCG.
6		Meerut	1	220			Revised AA&ES issued on 06.05.2020. Bid document is being prepared by NMCG.
7		Azamgarh	1	8			Land issue
		Total	**24**	**568.10**			

IV. Details of Industrial Pollution:

- No. of industries in the State: **11,332**

  Red- 2058, Orange- 5068, Green - 4206

- No. of water polluting industries in the State: **1648 (Grossly Polluting Industries)**
- Quantity of effluent generated from the industries in MLD: **850.5 MLD**
- Quantity of Hazardous Sludge generated from the Industries: **402336.478 MTA**
- Number of industrial units having ETPs: **1404**
- Number of industrial units connected to CETP**: 514** (Most of Tannery Unit at Kanpur are presently closed)
- Number and total capacity of ETPs (details of existing/ under construction / proposed)
- Compliance status of the ETPs: **1078 Units out of 1108 Operational Units Complying**
- Number and total capacity of CETPs (details of existing/ under construction / proposed)

  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

Town	Location of CETP	Existing ETP Capacity	Whether Complying or not	CETP Proposed, if any	Status (DPR/ tendering/ under construction/ ETC etc.)
Ghaziabad	Apparel Park Tronica City CETP, Phase-I (for textile units), Ghaziabad	6 MLD	Yes	-	-
Mathura	CETP, Industrial Area, Site-A, Mathura	6.25 MLD	Yes	-	Upgradation proposed under Namami Gange Project for ZLD.
Ghaziabad	CETP, HPDA, Pilkhaun, Hapur	2.1 MLD	Not Operational	-	-
Kanpur	CETP, UPSIDC Textile Complex, Rooma, Kanpur	1.5 MLD	Yes	-	-

	(for textile units)				
Kanpur	CETP Jajmau, Kanpur	36 MLD	Yes	-	New 20 MLD CETP is under construction & to be completed by Dec, 2021
Unnao	Banther Industrial Pollution Control Co. CETP, Banther, Unnao	4.5 MLD	Yes	-	DPR Sanctioned by NMCG for construction of new CETP of capacity 4.5 MLD
Unnao	Unnao Tanneries Pollution Control Company (CETP) Site-II, Unnao	2.15 MLD	Yes	-	DPR Sanctioned by NMCG for construction of new CETP of capacity 2.15 MLD

Town	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (existing, under construction & proposed)
State of U.P.	1108 (Operational)	779.639 MLD	Installed and Operational	As Above

V. Solid Waste Management:

- Total number of Urban Local Bodies and their Population

  Urban Local Bodies- 652

  Urban Population – 4.5 Crore

- Current Municipal Solid Waste Generation- **14100 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- 15 Plants (all are compost plant except one at Agra which is waste to energy Plant)

Installed Capacity- 5,395 TPD

Utilization of existing MSW processing facilities-

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

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

S.N	Action Points	Compliance Status
1. C& D Waste Processing Facilities		
	Noida (Sector-81)	Facility of 300 MTD to be completed by October, 2020. Presently facility of 150 MTD is operational.
	Ghaziabad (Hindon Vihar)	Facility of 400 MTD to be completed by Dec 2020. At present Screening Plant is functional.
	Rapid Railway Project from Delhi to Meerut	The National Capital Region Transportation Corporation is installing C & D Waste Management Facility of 150 TPD at Ghaziabad. Expected to be commissioned by September, 2020.
	Lucknow, Agra, Varanasi, Kanpur & Prayagraj	Funds @ Rs. 1.5 Crore/City released to concerned Municipal Corporation. Expected to be commissioned by December, 2020.
	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 - 12007

No. of wards having door to door collection service - 12007 (100%)

No. of wards practicing segregation at source -

- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology): Status submitted in the MPR of Month August 2020.

Existing SWM processing Facilities (Till July 2020 15 Plants with 5395 TPD)	15 Plants with 5,395 TPD
Plants to be made operational by 31.10.2020	02 Plants with 115 TPD (Jaunpur & Fatehpur)
Plants to be made operational by 31.03.2021 (Arbitration complete)	07 Plants with 860 TPD (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)
New plants sanctioned to be completed by March. 2021	37 Plants with 3,170 TPD

- **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, 2020.**
- **IT enabled architecture across the State by December, 2020.**
- **Waste to Energy (WTE) Plants: Lease agreement done in 04 Cites (Shahjahanpur, Moradabad, Muzaffarnagar, Ghaziabad).**

- 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-
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers-

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
652	14100		**5,395 TPD (38.53%)**		As Above

VI. Bio-medical Waste Management:

- Total Bio-medical generation: **37.21 MT/Day**
- No. of Hospitals and Health Care Facilities: **25206**

- Status of Treatment Facility/ CBMWTF:

- There are 20 Common Biomedical Waste Treatment Facilities (CBWTFs) installed in the State, out of which18 are functional and 01 is under up gradation and 01 is closed by the Board.
- Total incineration capacity of 18 functional CBWTFs is 51.2 MT/Day which is adequate to treat the Biomedical Waste generated in the State.
- UPPCB regularly inspects the CBWTFs for ensuring treatment of BMW as per the provisions of the BMW Rules, 2016.
- 07 CBWTFs were found defaulting in the past and action has been taken against them by UPPCB by imposing Environmental Compensation of Rs. 98.20 Lakhs

VII. Hazardous Waste Management:

- Total Hazardous Waste generation: **402336.478 MT/Annum**
- No. of Industries generating Hazardous waste: **2597**
- Treatment Capacity of all TSDFs: -
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated:

  402336.478 MT/Annum
- Details of on-going or proposed TSDF: One TSDF facility is proposed in Amroha District, which got Environmental clearance from SEIAA and UPPCB issued Consent to establish.

VIII. Plastic Waste Management:

- Total Plastic Waste generation: 254401.8 Ton per Annum
- Treatment/ Measures adopted for reduction or management of plastic waste:

- Recycling Facilities :
  In the State 23 Recyclers have been inventorized out of which 16 have obtained registration under Rule 13.

Recycling Capacity:

Name of Unit	Capacity
Ganesha Ecosphere., Kanpur Dehat	81 TPD PET Recycling
Ganesha Ecosphare Ltd., Rampur	127 TPD PET Recycling
Ultratech Cement, Sonebhadra	300D
V.K. Plastic, Ghaziabad	1 PD
Other Recyclers (20 No.)	146D
Recycling plant 900 TPA (Jhansi) & Waste to Oil 1800 TPA (Mathura) set up.	
Total recycling infrastructure in U.P. : 693 TPD (81.7 % of the Plastic Waste generated.)	

- Utilization of Plastic Waste for Road Construction: 100 Tons Plastic Waste used in Lucknow, Kanpur, Meerut and Jhansi.
- Plastic Waste disposal in Paper Mills:
- Units have done agreement with M/s Ultratech Cement for co-processing of Plastic Waste. Total 635.22 MT Plastic Waste has been disposed as co-processing during year 2020-21.
- In Ghaziabad 05 Waste Paper based Paper Units have disposed Plastic Waste 102.65 MT since January, 2020.
- In Meerut 04 Waste Paper based Paper Units have disposed Plastic Waste 99.57 MT in the year 2020-21.
- In Muzaffarnagar 13 Waste Paper based Paper Units have disposed Plastic Waste 433 MT in the year 2020-21.
- Compliance of Rule 9 Extended Producer Responsibility (EPR) :
- Producer Responsibility Organization (PRO) are working in the State of U.P. namely GEM Enviro Ltd., Shakti Plastic India Ltd., IPCA, Karo Sambhav etc.
- 35 EPR plans by Brand Owners and Producers have been submitted to UPPCB in 2019 and till date.
- The quantity of waste plastic recycled/ disposed from September, 2019 till date is approx. 25561 Tons.
- UPPCB has issued Show Cause Notice under Section 5 of Environment (Protection) Act, 1986 read with Plastic Waste Management Rules, 2016 as amended with 2018 against 353 defaulter Plastic Units.
- Prohibition on Plastic Carry Bag and Plastic & Thermocol Cutlery
- Notification dated 15.07.2018: Prohibition imposed on use, manufacture, sale, distribution, storage, transport, import or export of disposable plastic carry bags (irrespective of its thickness) as well as cups, glasses, plates, spoons, tumblers etc. made of plastic or thermocol disposable after one-time use.

Prohibited Item confiscated	858 MT
Fine imposed	Rs. 11.88 Cr.

Compliance made by Gram Panchayats :

- Total no. of Gram Panchayats 58755 and Revenew villages 94783.
- Swachh Bharat Mission Gramin, Uttar Pradesh conducted special drives in all the 75 Districts of the State.
- 21281 Gram Panchayats and 35092 Revenew Villages made Plastic Waste free by providing 189399 containers.
- 35618 Market linkages developed for disposal of Plastic Waste

- Constitution of Monitoring Committees
- State Level Advisory Body has been constituted on dated 05-10-2017 & reconstituted vide notification dated 02-04-2019 under Rule 16 of Plastic Waste Management Rules, 2016.
- State of Uttar Pradesh has constituted State Level Waste Management and Monitoring Committee under the Chairmanship of Principal Secretary, Urban Development vide its letter dated 14-06-2019.
- Compostable Carry Bags :
- CPCB has authorized following units of Uttar Pradesh for manufacture of compostable plastic.
- M/s. Navkar Laminators (P) Ltd., (Manufacturer), Code: NLPL Plant Address: A-154, Sector A-4, Tronica City, Ghaziabad, Uttar Pradesh – 201102
- M/s. Any Packaging, (Manufacturer), Code: AP Plant Address: G-4, Surajpur Industrial Area, Site – B, Greater Noida, Uttar Pradesh – 201306
- M/s. Murliwala Enterprises, (Manufacturer), Code: ME, Plant Address: Plot No. 202, Vishvkarma Industrial Estate, Meerut – Baghpat Road, Panchli Khurd (Vill), Meerut (Dist.), Uttar Pradesh – 250002
- M/s Uflex Limited 305 3rd floor Bhanot Corner, Pamposh Enclave, Greater Kailash-I New Delhi.

IX. Details of Alternate Treatment Technology being adopted by the State/UT

- The State has set up Faecal Sludge and Septage Treatment Plant (FSSTP) in Jhansi and Unnao.
- In the first stage the State has finalized tender for mechanized Faecal Sludge and Septage Treatment Plants in 6 cities.
- The Four FSSTP shall be completed by 31.03.2021 and remaining 02 by 31.09.2021.
- Tender has been also finalized and LoA issued for another 50 FSTP Plants and expected to be completed by 30.09.2021.
- The State has proposed to cover all the ULBs by year 2023.

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in situ treatment: Total 5500 MLD Sewage generated in 652 ULBs present in Uttar Pradesh. in order to ensure compliance of the orders of Hon'ble Tribunal, the Principal Secretary Urban Development has issued instructions vide Letter No: 142/Nine-9-2019-89J/2001 Dated: 03.02.2020 to the concerned ULBs for taking up the interim measures for

treatment of drains till permanent infrastructure for treatment of sewage is created (Letter copy submitted with MPR (June-July 2020).

XI. 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.

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: Complied

XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river: Latest water quality of polluted rivers is enclosed herewith and marked as **Annexure No.-1.**

XIV. Ground water regulation: Detailed Status submitted in the MPR of Month June-July 2020.

XV. Good irrigation practices being adopted by the State: Information not provided by Agriculture Department.

XVI. Rain Water Harvesting: Status submitted in the MPR of Month June- July 2020.

XVII. Demarcation of Floodplain and removal of illegal encroachments: The Irrigation and Water Resources Department UP has prepared a plan for Protection and management of Flood Plain Zones (FPZ). The Department has issued notification for Ganga River Segment- B Phase-I (Bijnore to Kanpur) dated 04.09.2020. The FPZ for rivers Sai, Gomti, Kali (East) & Ramganga has been finalized.

XVIII. Maintaining minimum e-flow of river: The Irrigation and Water Resources Department UP has prepared a plan for Environmental Flow studies of 06 perennial polluted rivers in the State. E-Flow study of Yamuna is to be done by MoWR, GoI as it is an inter-state river. The Department has finalized e-flow for Rapti, Saryu, Ghaghra & Ramganga Rivers.

XIX. Plantation activities along the rivers:

a). **Across the State**

- 22.59 Crore in 2019-20
- 25.87 Crore in 2020-21

b). **In Critically Polluted River Stretches**

- 9.97 Crore in 2019-20
- 10.49 Crore in 2020-21

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

XXI. Reuse of Treated Water:

XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:

XXIII. Status of Preparation of Action Plan by the 13 Coastal States: NA

XXIV. Regulation of Mining Activities in the State/UT:

<table>
<tr><td>1</td><td>Current Status</td><td>

State Government of U.P. is vigilant to curb illegal mining, transportation and storage in the State. District officers ensure strict adherence to rules and action is taken in reported cases of illegal mining, transportation and storage of minerals in order to check loss of public exchequer.
Strict adherence to rules are made by mining officers
Enforcement details of F.Y. 2019-20(up to Feb-2020) for curbing illegal mining/ transportation/storage are as under:-

<table>
<tr><th>No. of raids conducted</th><th>No. of FIR Lodged</th><th>No. of Complaint Lodged</th><th>Compounding Amount (Rs. in Crore)</th></tr>
<tr><td>34689</td><td>1417</td><td>4362</td><td>122.05</td></tr>
</table>

Integrated Mining Surveillance system to curb further incidences of illegal mining rolled out in the state.

</td></tr>
<tr><td>2</td><td>Desirable level of Compliance in terms of statutes.</td><td>

No target set to curb number of cases of illegal mining, transportation & Storage in the State.
Provision made in Rule 35, 57 and 70 of Uttar Pradesh Minor Mineral (Concession) Rules, 1963 to curb illegal mining & Transportation
To check illegal Mining using Storage license, provision of no storage of mineral within 5 Km radius of mining lease made in Uttar Pradesh Minerals (Preventions of illegal Mining, transportation and Storage) Rules, 2018.

</td></tr>
<tr><td>3</td><td>Gap between current Status and desired levels.</td><td>Under Integrated Mining Surveillance System following steps are being taken :-

Geo fencing of mining areas to infer mining outside the lease area
Drone surveillance of areas of complaints of illegal mining done and images monitored in State Command Centre.
Registration of Mineral transporting vehicles.
Installation of Radio Frequency Identification (RFID/UHF) tags in registered vehicles in process.
Installation of weigh bridges along with Camera at the exit of mines to ensure mineral transportation as per norms & its integration with State Command Centre.

</td></tr>
</table>

		• Installation of PTZ Camera at mine end for monitoring mining activities. • Automated check gates with camera and RFID reader proposed at five strategic places across the State in first phase to check illegal transportation of mineral
4	**Proposal of attending the gap with time lines.**	• Under Integrated Mining Surveillance System, Vehicle Registration is under progress with 30100 registration done so far. • 150 weigh bridges installed in mining areas & integrated with state command centre. • Drone Monitoring of mines as per requirement. Installation of automated check gates under process in collaboration with nodal agency UPDESCO.
5	**Name & designation of designated officer for ensuring compliance to provisions under statute.**	• Task force constituted at District Level to ensure compliance to Provisions under statute. • Task Force includes District Magistrate, Police superintendent, Divisional Forest Officer, Sub-divisional Magistrate, Assistant Regional Transport Officer, Police circle officer and Mines Officer.

XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring: -

Annexure No.-1

Latest Water Quality of Polluted river Stretches (August - September, 2020)

S.no	River	Sampling Location	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)
1	GANGA	U/s Kannauj	6.9	2.1	3300	1100
2		D/s Kannauj	6.6	2.6	7000	1700
3		Bithoor Kanpur	6.2	2.7	7900	3300
4		At Bhairao Ghat (Bathing Ghat), Kanpur	6.1	2.8	11000	4900
5		U/s Kanpur	6.2	3.0	17000	9200
6		At D/s Shuklaganj, Kanpur	6.1	3.2	21000	11000
7		At Gola Ghat (Bathing Ghat), Kanpur	5.9	3.5	32000	12000
8		At Jajmau Bridge (Bathing Ghat), Kanpur	5.8	4.1	35000	14000
9		D/S Kanpur	5.6	4.0	54000	22000
10		Dalmau, Raibareli	7.9	4.0	2600	1400
11		Kala Kankar, Pratapgarh	8.0	3.8	2300	1300
12		Kada Ghat, Kaushambi	7.1	2.7	4600	2100
13		U/s Prayagraj (Rasoolabad Ghat)	7.7	2.8	3300	1700
14		D/s Prayagraj	7.2	2.3	3200	1700
15		a/c Tamsa river, Sirsa, Son Barsa	8.2	2.9	4600	1700
16		U/s Vindhyachal, Mirzapur	6.6	3.7	4300	2300
17		D/s Mirzapur	5.9	4.4	31000	17000
18		At Chunnar Pontoon Bridge	6.2	4.1	22000	13000
19		U/s Varanasi	7.7	2.6	2300	1300
20		D/s Varanasi	7.0	3.9	22000	13000
21		Tarighat D/s Ghazipur	6.5	4.2	26000	17000
22		a/c Gomti river, Bhusaula	7.5	3.2	14000	7000
23	YAMUNA	U/S Okhla Barrage, Noida	4.9	13.5	-	-
24		D/S Village Gharbara/Tilwara, Noida	2.4	27.0	-	-
25		U/s Vrindavan	5.9	6.2	43000	21000
26		Kesi Ghat Vrindavan	5.8	6.6	46000	24000
27		D/s Vrindavan	5.8	6.6	46000	24000
28		U/s Mathura	5.4	7.4	49000	27000

S.no	River	Sampling Location	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)
29		Shahpur, Mathura	6.4	5.8	53000	31000
30		Vishram Ghat, Mathura	5.6	7.6	54000	31000
31		D/s Mathura	5.2	8.0	63000	33000
32		U/s Kailashghat, Agra	5.9	11.2	31000	15000
33		U/s Waterworks, Agra	5.1	13.6	42000	22000
34		D/s Tajmahal, Agra	4.8	15.2	92000	37000
35		U/s Firozabad	5.6	12.0	-	-
36		D/s Firozabad	5.4	14.0	-	-
37		U/s Etawah	5.7	13.6	-	-
38		D/s Etawah	5.5	14.4	-	-
39		U/s Water Intake, Prayagraj	7.8	1.9	1400	400
40		D/s Balua Ghat Praygraj	7.5	2.1	3900	2100
41		D/s Chhachhar nala, Prayagraj	7.6	2.2	2000	610
42		D/s Emergency Outfall, Prayagraj	7.6	2.0	1700	600
43	KALI EAST	D/s M/s New Bananza, paper mills vill. , Saini- Mawana Road, Meerut	Nil	52.0	120000	84000
44		Garh Road, Meerut	Nil	56.0	93000	68000
45		Kharkhoda-Prikshit Garh Road, Meerut	Nil	56.0	180000	98000
46		Babugarh, Gaziabad	Nil	36.0	17000000	15000000
47		U/s Devipura, Bulandshahar	Nil	62.0	-	-
48		D/s Mohan Kuteer Bulandshahar	Nil	66.0	-	-
49		U/s Kali river before wave distillery Ramghat road, Atrauli, Aligarh	3.8	14.0	-	-
50		D/s Kali River after wave distillery Ramghat road, Atrauli, Aligarh	4.0	12.0	-	-
51		Nadrai Gate, Kasganj	5.2	14.0	-	-
52		U/s Kannauj	6.0	4.6	7900	2200
53	HINDON	Hindon D/s Maheshpur Saharanpur	NIl	40.0	-	-
54		Hindon, Sardhana -Budhana Road, Vill Baparsi, Meerut	Nil	52.0	120000	84000
55		Hindon, Meerut Baghpat Road, Meerut	0.50	44.0	120000.0	84000
56		Hindon, karheda village , Ghaziabad	2.09	14.0	430000.0	220000
57		Hindon river, Mohan Nagar Road Bridge, Ghaziabad	1.06	17.0	150000.0	120000
58		Hindon river, Chijarsi Bridge, Ghaziabad	Nil	37.0	3500000	1700000
59		Hindon, D/s Kulsera Bridge, Noida	Nil	40.0	280000	140000

S.no	River	Sampling Location	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)
60	GOMTI	Dadhnamau Ghat, Sitapur	6.1	2.8	2600	2200
61		Manjhighat, Lucknow	4.9	3.4	6100	4000
62		U/s Water Intake, Gaughat, Lucknow	4.0	4.0	9200	5400
63		Kudiyaghat, Lucknow	2.7	8.0	70000	46000
64		D/s Mohan Meakins, Lucknow	2.1	9.0	94000	70000
65		Nishatganj Bridge, Lucknow	1.7	10.5	170000	110000
66		U/s Bairaj, Lucknow	1.6	11.5	240000	130000
67		D/s Pipraghat, Lucknow	1.7	12.0	350000	130000
68		D/s After meeting of STP, Nala Bharwara, Lucknow	1.5	14.0	460000	230000
69		D/s Gomti, Jaunpur	6.3	4.2	21000	11000
70		Gomti before meeting river Ganga, Rajwari, Varanasi	6.5	3.8	17000	8000
71	SAI	Sai river,Bani, Unnao	6.9	3.2	8800	4300
72		Sai river, Sirsaghat, Raibareli	7.0	4.0	3900	-
73		Sai river,Rajghat,Raibareli	6.5	4.4	4700	-
74		Sai river, Picnic spot, Raibareli,	6.2	4.5	4900	-
75		Sai river,Gaighat Raibareli, Pratapgarh	6.6	4.3	4100	-
76		Sai river,Belamai Ghat, Pratapgarh	6.5	4.4	4300	-
77		Sai Nadi,at D/s Stream Pratapgarh,near Railway Bridge	6.0	4.6	5100	-
78		Sai Nadi,Jalalpur, Jaunpur	6.6	3.5	21000	13000
79	AMI	Ami River U/s,before confluence with Sariya Nala, Near Village Bharsarh , Sahjanwa, Gorakhpur	7	5.8	-	-
80		Ami River d/s, a/c GIDA industrial effluent through Sariya Nala, Near Chhatai road bridge Khajani, Gorakhpur	5.2	20.0	-	-
81		Ami River D/s near Lko - Vns road bridge Kauriram Gorakhpur	6.6	14.0	-	-
82	RAPTI	Rapti river Domingarh, Gorakhpur	8.0	4.0	25000	18000
83		Rapti river D/s Gorakhpur	7.6	5.4	45000	25000
84	SARYU	Saryu at Ayodhya	9.0	3.2	2100	1300
85	BETWA	Betwa at Hamirpur, Banda	6.9	5.4	21000	2400