

30138

**MC MEHTA vs. UNION OF INDIA**

**O.A No. 200 OF 2014**

**REPORT IN COMPLIANCE OF THE ORDER DATED  
24.01.2024**

**UTTAR PRADESH**



**INDEX**

<b>S.NO</b>	<b>PARTICULARS</b>	<b>PAGE NO.</b>
1.	MEERUT	01
2.	MUZZAFARNAGAR	36
3.	HAPUR	71
4.	BIJNORE	93
5.	AMROHA	120



30140

Government of India  
Ministry of Jal Shakti  
Department of Water Resources,  
River Development & Ganga Rejuvenation



Report in  
Compliance of Hon'ble NGT order  
dt. 24<sup>th</sup> January 2024 in  
O.A. 200/2014 MC Mehta Vs UOI and  
ors.



*Report Submitted By:-*

DISTRICT GANGA COMMITTEE  
DISTRICT – MEERUT (UP)



**I. Sewage**

30141

Drain (city/town/)	Total Flow of drain	PH	BOD(mg/l)	COD(mg/l)	TSS(mg/l)	TDS(mg/l)	Heavy metals (Fe, Cr, Pb, Ar, Mn, Cu, Zn, Hg, Fluoride etc)	Nitrates	DO (mg/l)	TC(MPN/100ml)	FC(MPN/100ml)	Outlet flow in MLD	Cl(mg/l)	Colour/odour	Discharged into
Abu Nala-1 Meerut		7.57	48.0	260.0	252.0	849.0			0	150000	120000	39.22		45 Hz/Foul	Kali River
Abu Nala-2 Meerut		7.49	42.0	252.0	246	856.0			0	140000	100000	145.73		45 Hz/Foul	Kali River
Odeon Drain Meerut		7.68	54.0	284.0	264.0	960.0			0	200000	150000	161.73		50 Hz/Foul	Kali River
Chhuiya Nala Meerut		7.35	30.0	220.0	194.0	834.0	**	**	0	94000	63000	2.5	**	35 Hz/NoSp.	Kali River
Sardhana Drain, Kalina Meerut		7.66	284.0	412.0	378.0	1023.0			0	200000	160000	10.0		55 Hz/Foul	Hindon River
Chetawala Drain (date 22.11.2023)		7.3	10	39	65	872			0	-	-	21.6		BD L<5	River Ganga
Kinauni Drain	Dry														

Note-\*\*Sample has been collected for analysis and reports will be submitted later on.

1. Bioremediation is being done in all 03 major drains of city namely Abu Nala-1, Abu Nala-2 and Odeon.
2. In addition Phytoremediation is adopted in two drains namely Abu Nala-2 and Odeon drain

30143

**STP( SEWAGETREATMENTPLANT)**

ExistingSTP(location & capacity)	Capacity(operational)	Inlet/Outletwater quality & quantity	Number oftappeddrains(quantityof discharge)	Final dischargepoint	Proposalforminimising the Gap
ShatabadiNagar	15 MLD	4.8	0	KadrabadDrainby KhadauliDrain to Kaliriver	01STP 220MLD & 01 STP OF 65MLD
SportsGoodsComplex	7 MLD	4.5	0	KadrabadDrainby KhadauliDrain to Kaliriver	
ShraddhapuriYojnaPhase-1	6.0	4.3	0	Abunala-2toKali river	
ShraddhapuriYojnaPhase-2	6.0	6.0	0	Abunala-2toKali river	
VedVyasपुरीYojna	15.0	3.5	0	KadrabadDrainby KhadauliDrain to Kaliriver	
PallavपुरamPhase-1	7.0	6.5	0	Abunala-1toKali river	
PallavपुरamPhase-2	11.0	5.9	0	Abunala-1toKali river	
Rakshapuram	6.0	4.3	0	Abunala-1toKali river	
Pandavnagar	3.0	2.3	0	Abunala-2toKali river	
Lohianagar	10.0	1.5	0	Odeon Drain to Kaliriver	
Ganganagar	10.0	5.0	0	Abunala-1toKali river	
JagritiViharExtension	72.0	72.0	01(35.0MLD)	KaliRivertoKali river	
SainikVihar	6.0	4.5	0	AbuNala-1toKali river	
ModipuramTiraha	5.0	5.0	0	AbuNala-1toKali river	

CandtechEnclave, Mrt. Cantt	0.73	0.42	<b>30144</b> 0	Abunala-2toKali river
EcoPark, Opp. Rajesh Enclave,Mrt.Cantt	0.5	0.4	0	Abunala-2toKali river
CSDinfront of yogendrayadav Enclave MrtCantt	0.2	0.2	0	Abunala-2toKali river
PRC Lines near gurudwara,MrtCantt	0.4	0.3	0	Abunala-2toKali river

TotalSewage GenerationinMeerut District- **323.57MLD**

ExistingSewage TreatmentCapacity(MLD)- **179.00MLD**

CurrentlevelofSewageTreatment(MLD)- **134.20MLD**

GapinSewageTreatment(MLD)- **189.37MLD**

Proposal to minimize the gap-One STP **220 MLD** capacity is proposed for treatment of sewage of abunala-2 and Odeon drain by tapping. Consent to Establish (CTE) has been issued for the same byUPPCBon 20.12.2023.

- ONE MORE PROPOSAL OF 65 MLD ON DRAIN ABUNALA -1 IS ALSO PROPOSED.

**A.SewageInformation**

<b>PROPOSEDSTP(location&amp;capacity)</b>	<b>Capacity(operational)</b>	<b>Inlet/Outletwaterquality&amp;quantity</b>	<b>Numberoftappeddrains(quantityofdischarge)</b>	<b>GAP(intreatment)</b>	<b>FINAL DISCHARGE POINT GEO CODE/SAMPLING POINT</b>	<b>Proposed/ under construction with completion date</b>
JAGRITI VIHAR	220 MLD	--	02 drains to be tapped		Kali river	2026
LOCATION YET TO BE FINALIZED	65 MLD	--	01 drain to be tapped		Kali river	--

HOTELS/ASHRAMS

NumberofHotels/ashrams/dharamshalas	Consenttoestablish/operate	STP	Dischargepoint	Actiontaken
160 (Hotels/Banquettes)	35	167(STP/soakpit/septic tanks)	Dischargingtheireffluentto commonSTPs ofmunicipalauthority	<p>1- NoAshram,DharamshalasandHotelsareestablishednearby theGangariverinMeerutDistrict. However Public notice in newspaper dated-14.06.2023hasbeenpublishedforcompliance of Water and Air Act to the hotels/banquettesetc.situatedinthe cityarea.</p> <p>2. All major red and orange category of hotelshaveobtainedconsenttooperate(CTO)fromUPPCB</p> <p>3-ShowCauseNoticesforimpositionofenvironmental compensation has been issued todefaultersandalsopublicnoticehasbeenpublishedinthenewspaper.</p>

## II. Industrial Effluent Discharge

Total number of Industries	Daily effluent discharge	Treatment available (capacity)	Effluent quality analysis (outlet of treatment plants)	GAP	Proposed / under construction treatment project (with timeline)	Number of defaulting units - Action taken	Industrial solid waste generated/ day	Manner of disposal (Industrial solid waste)
54	26439 KLD	26439 KLD	Online Monitoring System (OCEMS) is installed in all Grossly Polluting Industries, which are connected to CPCB & UP PCB Servers	0	None	Recently Show Cause Notices were issued to 12 and Directions were issued to 17 units. Closure order were issued to 02 units. At present show cause of 09 has been terminated in respect of their compliance with Environmental Acts.	72322.867 MTA hazardous waste	Disposed through TSD, waste oil recyclers and tyre recyclers.

**III. Regulation of Flood Plain Zone:**

30148

Area-cities/towns	Notification of flood plain zone	Demarcation		Encroachment & direct discharge	Encroachment removal status	Timeline for completion
		No development zone pillars	Regulatory zone pillars			
Meerut	Ho'nble NGT Dated 13 July 2017	Demarcation of Flood Plain Zone- Completed in right bank of Gangariveri.e. <b>612 Nos. of Pillars</b> in Distt. Meerut	612 Nos. of Pillars	No, encroachment and direct Discharge through One Nos Natural Drain  no polluted	--	--

**AFFORESTATION/PLANTATION**

<b>Area-cities/towns</b>	<b>Totalplantation</b>	<b>Proposedproject</b>	<b>Timeline</b>
WholeDistrictMeerut 2023	30Lakhs	29Lakhs	July-August2023
Whole District Meerut2024	Tentative and it willbe done by 20+departmentsofDistt. Meerut	28Lakhs	July-August 2024

**Mining and Stone Crushing in river bed and flood plain zone of River Ganga and its tributaries:**

<b>Area of Mining</b>	<b>FIR/Registered/year</b>	<b>Vehicles/mine raised</b>	<b>Action taken status</b>	<b>Cases pending in Court</b>	<b>Enforcement of EMGSM 20 and Sustainable sand mining management guidelines 2016</b>
Nil	Nil	Nil	Nil	Nil	Nil

**DISTRICT GANGA COMMITTEE, MEERUT**

- (1) District Ganga Protection Plan at city/ town level District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).**
- (2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**Sewage Management**

- (i) District MEERUT – Total Sewage Generation – 359.40 MLD

<b>TOWNS</b>	<b>TOTAL SEWAGE GENERATION (MLD)</b>
NN MEERUT	323.57

NPP MAWANA	8.8
NPP Sardhana	10
NP Karnawal	0.60
NP Parikshitgarh	0.5

NP Lawar	0.5
NP Hastinapur	3.84
NP Siwal khas	0.70
NP Behsuma	0.60
NP Kharkhoda	2.48
NP Daurala	2.93
NP Falawada	0.60
NP Kithor	2.48
NP Shajahanpur	0.60
NP Harra	0.60

**(ii) Existing Sewage Treatment Capacities**

- TOTAL 18 STP, 179 MLD CAPACITY within Nagar Nigam area
  - *Under the Proposal*
  - 220 MLD, JAGRITI VIHAR MEERUT
  - 65.0 MLD, MEERUT

**(iii) Quantity of sewage being treated (Utilization Capacity)**

- Utilisation at present – 134.20 MLD out of total sewage of 323.57 MLD
- Gap – 189.37MLD (58.5%)
- Sewage Treatment After operation of all STPs at full capacity – 179 MLD

**(iv) Performance of STPs particularly for FC*****Monitoring of STPs Installed for Revival of River Kali(East)***

Surface water contamination (through Drains)										
Monitoring of STP										
S.N.	Name of STP	Date of Sampling	Sampling point	Colour (Hazen)	pH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	Total Coliform MPN/100ml	Fecal Coliform MPN/100ml
1	M/S STP Shatabdi Nagar Yojana Meerut	09-10-2023	Final Outlet of STP	20	7.56	17	152	57	4800	3400

2	M/S STP Sports Goods Complex Meerut	09-10-2023	Final Outlet of STP	25	7.47	22	164	64	4600	3200
3	M/S STP Shradhapuri Yojana Phase-I Meerut	09-10-2023	Final Outlet of STP	20	7.62	16	156	67	4000	3100
4	M/S STP Shradhapuri Yojana Phase-II Meerut	09-10-2023	Final Outlet of STP	25	7.46	20	176	53	910	780
5	M/S STP Ved Vyasपुरी Yojana Meerut	09-10-2023	Final Outlet of STP	20	7.78	18	164	67	4100	3200
6	M/S STP Pallavpuram Phase-I Meerut	09-10-2023	Final Outlet of STP	15	7.42	17	148	56	3900	2700
7	M/S STP Pallavpuram Phase-II Meerut	09-10-2023	Final Outlet of STP	20	7.56	16	168	64	3800	3100
8	M/S STP Rakshapuram Meerut	09-10-2023	Final Outlet of STP	25	7.42	22	180	57	5800	4000
9	M/S STP Pandev Nagar Meerut	09-10-2023	Final Outlet of STP	20	7.36	15	156	54	4300	3300
10	M/S STP Lohiya Nagar Meerut	09-10-2023	Final Outlet of STP	25	7.62	20	176	64	4700	3800

11	M/S STP Ganga Nagar Meerut	09-10-2023	Final Outlet of STP	20	7.47	18	144	46	930	610
12	M/S STP Jagriti Vihar Extension Garh Road Meerut	09-10-2023	Final Outlet of STP	10	7.48	8	76	9	830	600
13	M/S STP Sainik Vihar, Shradhapuri Phase-II, Meerut	09-10-2023	Final Outlet of STP	25	7.56	22	172	56	4800	3900
14	M/S STP Modipuram Tiraha	09-10-2023	Final Outlet of STP	20	7.54	17	164	76	910	610
15	M/S STP Candetch Enclave Mrt Cantt Meerut	09-10-2023	Final Outlet of STP	15	7.64	16	148	72	4000	3100
16	M/S STP Eco Park Opp. Site Rajesh Enclave Mrt Cantt Mrt	09-10-2023	Final Outlet of STP	20	7.46	18	152	63	3900	2700
17	M/S STP Ram CSD Infront of Yogendra Yadav Enclave Mrt Cantt Mrt	09-10-2023	Final Outlet of STP	25	7.57	20	160	72	4100	3100
18	M/S PRC Line Near Kanch Ka Gurudwara Mrt Cantt Mrt	09-10-2023	Final Outlet of STP	20	7.48	17	168	56	3800	2700

(v) **Where treated sewage is being discharged (to Ganga or tributaries)**

- Total sewage generated is being discharged to River Kali (EAST)

(vi) **Reasons for Under-utilization of STPs (Connectivity of Households/laying of sewer lines)**

- THE STPs WERE CONSTRUCTED TAKING INTO ACCOUNT THE FUTURE HABITATION.
- AS THE HABITATION IS INCREASING THE UTILISATION IS ALSO INCREASING ACCORDINGLY

(vii) **The current gap in sewage treatment**

Total sewage generation – 323.57 MLD ( NAGAR NIGAM)

Sewage Treatment at present – 134.20 MLD

Gap – 189.37MLD (58.5%)

Sewage Treatment After the operation of all STPs on full capacity – 179 MLD

**(viii) Time-bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues:**

- There is a time-bound plan, a proposal to minimize the gap - one STP 220MLD capacity is proposed for treatment of sewage of Abunala -2 and odeon drain by tapping. minimize the Gap of -189.37 MLD sewage. consent to establish has been issued for the same by UPPCB on 20.12.2023.
- There is another proposal of 65 MLD, STP for treatment of sewage of Abunala - 1.

**(ix) Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries):**

- there is no untreated sewage directly going into river Ganga
- the untreated sewage (overflow of septic tanks, etc.) goes to River Kali (there are 2 proposed STP for the treatment of untreated sewage)

**Drains joining Ganga and Tributary**

**1. Number of drains carrying sewage- sullage or industrial wastewater joining Ganga/ tributaries with their Quantity and Quality:**

Drain (city/ town/	Total Flow of drain	PH	BOD (mg/l)	COD (mg/l)	TS S (mg/ l)	TDS (m g/l)	Heavy metals (Fe, Cr, PB, Mn, Cu, Zn, Hg, Fluoride etc)	Nitra tes	DO (m g/l)	TC (MPN/ 100ml)	FC (MPN /100 ml)	Outlet flow in MLD	Cl(mg /l)	Colour/ odour	Disc harg ed Into
Abu Nala-1 Meerut	39.22 MLD	7.57	48.0	260.0	252.0	849.0			0	150000	120000	39.22		45Hz/ Foul	Kali River
Abu Nala-2 Meerut	145.73 MLD	7.49	42.0	252.0	246	856.0			0	140000	100000	145.73		45Hz/ Foul	Kali River
Odeon Drain Meerut	161.73 MLD	7.68	54.0	284.0	264.0	960.0			0	200000	150000	161.73		50Hz/Fou l	Kali River
Chhuiya Nala Meerut	—	7.35	30.0	220.0	194.0	834.0	**	**	0	94000	63000	2.5	**	35Hz/ Sp.	No Kali Rive R
Sardhana Drain, Kalina Meerut	10 MLD	7.66	284.0	412.0	378.0	1023.0			0	200000	160000	10.0		55Hz/ Foul	Hind On Rive R

Chetawala Drain (date 22.11.23)	21.6 MLD	7.3	10	39	65	872			0	-	-	21.6		BDL<5	River Ganga
Kinauni Drain	Dry														

Note-\*\* Sample has been collected for analysis and reports will be submitted later on.

1. Bioremediation is being done in all 03 major drains of the city namely Abu Nala-1, Abu Nala-2, and Odeon.
2. In addition Phytoremediation is adopted in two drains namely Abu Nala-2 and Odeon drain.

**ii. Drains joining outside city and town limits but, either joining in village or nearby town:**

- TABLE AS ABOVE 2.1

**iii. Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs:**

- There are 3 major drains namely Abunala - 1, Abunala -2, and odeon drain, which carry treated and untreated sewage simultaneously. There is a time-bound plan, and a proposal to minimize the gap - one STP 220MLD capacity is proposed for the treatment of sewage of Abunala -2 and Odeon drain by tapping. minimize the Gap of -189.37 MLD sewage. consent to establish has been issued for the same by UPPCB on 20.12.2023. There is another proposal of 65 MLD, STP for treatment of sewage of Abunala - 1

### **Septage management (In case of no STP)**

#### **i. Status of Septage management (with reference to FSTP/STP):**

- There are 70% of households dependent on septic tanks / soakpits.
- There is one co-treatment facility ( FSTP) of capacity 50KLD for fecal sludge management & disposal of septage, installed at the site of 72 MLD, STP.

#### **ii. Management of Greywater and its disposal:**

- All three major drains of the city carry greywater discharge. As stated above there is a proposal for tapping of all three drains in the near future.

### **2.4. Industrial Pollution Control**

- Attach the list of no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise):**

S.N.	Name of Industry	Production Sector- (Tannery, textile, Paper, Metal, Oil, Food, Other)	Presence of ETP (Effluent Treatment Plant in Industries )	Type of Industry	Total Industrial Effluent Generation (KLD)	Total Capacity of Treatments facility and its utilization (KLD)	Final Dischargi ng Points	Compli ance status	Action taken
1	Al-Saqib Exports Pvt. Ltd., Vill.-Alipur, Hapur Road, Meerut	Slaughter House	Yes	GPI	600	600	Irrigation	No	Dir <sup>n</sup> . Issued on dt.17.05.20 23
2	M/s Kanta Polytex India Pvt Ltd., Plot No - 18, Sec -8, Ved Vyas Puri, Industrial Area, Meerut	Dyeing of Yarn / Textile	Yes	GPI	32	32	Drain to Kali River	No	Dir <sup>n</sup> . Issued on dt.19.05.20 23
3	Daurala Organics Ltd. Daurala ,Meerut	Pharmaceutical	Yes	GPI	1400	1400	Drain to Kali River	No	Dir <sup>n</sup> . Issued on dt.14.06.20 23
4	Daurala Sugar Works (Chemical Unit) Daurala ,Meerut	Pharmaceutical	Yes	GPI	1450	1450	Drain to Kali River	Yes	
5	Gangol Sehkar Dugdh Utpadak Sangh Ltd, Gangol Road, Meerut	Milk Processing	Yes	GPI	600	600	Irrigation	Yes	
6	Harbans Dairy, Mohiuddipur, Meerut	Milk Processing	Yes	GPI	80	80	Drain to Kali River	Yes	
7	Harbans Lal Foods Pvt. Ltd, Mohiuddipur, Meerut	Milk Processing	Yes	GPI	492	492	Drain to Kali River	No	SCN issued under water act on dt- 25.07.2023
8	Jyoti Industries (Changed name S.S Textiles), E-86, udyogpuram Partapur, Meerut	Yarn/Textile Processing	Yes	GPI	95	95	Drain to Kali River	Yes	
9	M/s Loothara Handloom Pvt.Ltd, Gangol Road,Meerut	Yarn/Textile Processing	Yes	GPI	15	15	Drain to Kali River	No	Closure order issued under water act on dt.12.06.20

									23
10	M/s Modern Process House, Mohakampur,Meerut	Yarn/Textile Processing	Yes	GPI	13	13	Drain to Kali River	Yes	
11	M/s Rachit Prints,B-9,10,11 Udyogpuram, Meerut	Yarn/Textile Processing	Yes	GPI	15	15	Drain to Kali River	Yes	
12	National Handloom, Mohkampur, Meerut	Yarn/Textile Processing	Yes	GPI	13	13	Drain to Kali River	No	SCN issued under water act on dt.28.06.20 23
13	Pashupati Textiles, Garh Road, Meerut	Yarn/Textile Processing	Yes	GPI	10	10	Drain to Kali River	Yes	
14	Raj Kumar Textiles, A-16 Udyogpuram, Meerut	Dyeing and Textile	Yes	GPI	65	65	Drain to Kali River	No	Dir <sup>n</sup> . Issued on dt.12.06.20 23
15	Shakun Handifab, Partapur, Meerut	Yarn/Textile Processing	Yes	GPI	20	20	Drain to Kali River	No	SCN issued under water act on dt.25.07.20 23
16	Sab Miller India Ltd(New name anheusher bouch), Kankarkheda, Meerut	Breweries	Yes	GPI	250	250	Drain to Kali River	No	Dir <sup>n</sup> . Issued on dt.12.05.20 23
17	U.P. Dyeing & Printing Works, 68 Navchandi Ground, Meerut	Yarn/Textile Processing	Yes	GPI	13	13	Drain to Kali River	No	SCN issued under water act on dt.04.07.20 23
18	Alps Industries Ltd., Vill.- Aminagar Bhoorbaral,Meerut	Textile	Yes	GPI	400	400	Irrigation	Yes	
19	Anand Duplex Ltd. Unit -I,Vill – Saini Mawana Road, Mawana	Paper	Yes	GPI	650	650	Drain to Kali River	No	Dir <sup>n</sup> . Issued on dt.17.07.20 23

20	Anand Duplex Ltd. Unit -II, Vill – Saini Mawana Road, Mawana	Pulp &Paper	Yes	GPI	1000	1000	Drain to Kali River	No	SCN issued under water act on dt.22.05.2023
21	Anand Triplex Board Ltd., Vill – Saini Mawana Road, Meerut	Pulp &Paper	Yes	GPI	1900	1900	Drain to Kali River	No	SCN issued under water act on dt.06.09.2023
22	Chamunda Papers (P) Ltd., Dheerkheda Ind. Area ,Meerut	Pulp &Paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Yes	
23	Daurala Sugar Works, Distillery Unit Daurala, Meerut	Distillery	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	No	Dir <sup>n</sup> . Issued on dt.14.06.2023
24	Daurala Sugar Works, Sugar Unit, Daurala , Meerut	Sugar	Yes	GPI	2500	2500	Irrigation	No	Dir <sup>n</sup> . Issued on dt.14.07.2023
25	Dev Priya Product Ltd. Vill Saini Mawana Road ,Meerut	Pulp &Paper	Yes	GPI	2200	2200	Kali River	Yes	
26	Dev Priya industries Ltd. Vill – Saini Mawana Road , Mrt	Pulp &Paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	No	Dir <sup>n</sup> . Issued on dt.14.06.2023
27	Dev Priya Papers Ltd. Vill – Saini Mawana Road ,Meerut	Pulp &Paper	Yes	GPI	1150	1150	Kali River	No	Dir <sup>n</sup> . Issued on dt.14.06.2023
28	IPL ( U.P. State Sugar Corp. Ltd). Sakauti Tanda , Meerut	Sugar	Yes	GPI	500	500	Irrigation	No	Dir <sup>n</sup> . Issued on dt.14.06.2023
29	Janki news print pvt. ltd.(Sumit	Pulp &Paper	Yes	GPI	Zero Liquid	Zero Liquid	Zero	Yes	

	Agro Products Ltd.) Panchali Baghpat Road ,Meerut				Discharge (ZLD)	Discharge (ZLD)	Liquid Discharge (ZLD)		
30	Kanav Papers Pvt Ltd. (Formaly known as Dev Priya Fibers Pvt.Ltd.. Panchli, Bagpath Road ,Meerut	Pulp &Paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Yes	
31	Mawana Sugar Works, Mawana , Meerut	Sugar	Yes	GPI	2500	2500	Irrigation	No	SCN issued under water act on dt.15.09.20 23
32	Naglamal Sugar Complex , (Distillery Unit), Naglamal, Meerut	Distillery	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	No	Dir <sup>n</sup> . Issued on dt.19.05.20 23
33	Naglamal Sugar Complex Garh Road, Meerut	Sugar	Yes	GPI	1200	1200	Irrigation	No	Dir <sup>n</sup> . Issued on dt.14.06.20 23
34	New Bonanja India Ltd., Saini, Mawana Road, Meerut	Pulp &Paper	Yes	GPI	600	600	Kali River	No	Dir <sup>n</sup> . Issued on dt.17.07.20 23
35	Paswara Papers Ltd., Mohiuddinpur , Meerut	Pulp &Paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Yes	
36	Sangal Papers Ltd.Vill – Bhainsa Mawana, Meerut	Pulp &Paper	Yes	GPI	1500	1500	Drain to Kali River	Yes	
37	Shri Venktesh Paper Mills Formely Known as Anand Tissues Ltd., Vill.Fitkari, Mawana,Meerut	Pulp &Paper	Yes	GPI	1100	1100	Drain to Kali River	Yes	
38	Star Kraft Papers Pvt Ltd (Formely known as Devstar Paper Pvt Ltd. Panchali,Bagpat Road,Meerut)	Pulp &Paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Yes	

39	Anupam Processers, Partapur, Meerut	Yarn/Textile Processing	Yes	GPI	300	300	Drain to Kali River	No	SCN issued under water act on dt.23.05.2023
40	UP State Sugar Corp. Ltd. Mohiuddinpur ,Meerut	Sugar	Yes	GPI	250	250	Irrigation	No	SCN issued under water act on dt.25.04.2023
41	BMSR texofab pvt ltd. khsra no 84 mawana road meerut	Textile	Yes	GPI	170	170	Drain to Kali River	Yes	
42	Goldy Zippers plot no-9 khsra no 373 vill achrondra partapur meerut	Textile	Yes	GPI	3	3	Drain to Kali River	Yes	
43	Star Zippers A-8 Industrial area Partapur Meerut	Textile	Yes	GPI	2	2	Drain to Kali River	No	SCN issued under water act on dt.28.06.2023
44	Shri Adinath Texfeb, Vill kunda delhi road, Meerut	Textile	Yes	GPI	98	98	Drain to Kali River	No	Dir <sup>n</sup> . Issued on dt.19.06.2023
45	Achintya Health Care Pvt Ltd, Gangol Road Partapur,Meerut	Pulp &Paper	Yes	GPI	400	400	Drain to Kali River	No	SCN issued under water act on dt.06.09.2023
46	M/s Shree Krishna Processing Khasara No.1142, Badaruddin Nagar Nanu, Tehsil Sardhana, District Meerut	Dyeing	Yes	GPI	-	-	-	No	Closure order issued
47	M/s Shree Bala ji Enterprises, Khasra No.1210 Gangol Road Partapur,Meerut	Zip Dyeing	Yes	GPI	3	3	Drain to Kali River	No	SCN issued under water act on dt.04.07.20

									23
48	M/s Ramesh Textile Kunda Partapur, Meerut	Dying and Printing	Yes	GPI	80	80	Drain to Kali River	Yes	
49	M/s Al Akhlaq Exports Limited, Khasra No 98-104, Alipur Jijmana, Hapur Road, Meerut	Frozen Meat Packaging	Yes	GPI	30	30	Irrigation	No	Dir <sup>n</sup> . Issued on dt.17.07.20 23
50	M/s Shiva Fasteners Private Limited, S-36, S-38, Industrial Estate, Partapur, Meerut	Zip Dyeing	Yes	GPI	5	5	Drain to Kali River	Yes	
51	M/s Shri Bahubali Trader Plot - 34, Village - Kamruddhin Nagar, Sardhana Meerut Road, Mandhiyai Sardhana, Meerut	Dying And Printing	Yes	GPI	335	335	Drain to Hindon River	No	Dir <sup>n</sup> . Issued on dt.15.06.20 23
52	Bajaj Hindustan Ltd, Sugar, Kinoni, Meerut	Sugar	Yes	GPI	2400	2400	Drain to Hindon River	Yes	
53	Bajaj Hindustan Ltd, Distillery Unit, Kinoni, Meerut	Distillery	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Drain to Hindon River	Yes	
54	Sardhana Papers Pvt Ltd.,Sardhana,Meerut	Pulp & paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Drain to Hindon River	Yes	

- As there is no cluster of uniform nature industries, hence there is no CETP in District Meerut

### **3. Water quality status**

**Provide water quality status of Ganga and its tributaries in the District and city/ town in terms of its fitness for Bathing water quality that is, FC and FS:**

River Name	Sampling Point	Sample Date	Colour (Hazen)	Odour	pH	Conductivity ( $\mu\text{S}/\text{c}$ )	T D S (mg/l)	D.O. (mg/l)	B.O.D (mg/l)	C.O.D (mg/l)	Total Hardness (mg/l)	Ca Hardness (CaCO <sub>3</sub> ) (mg/l)	Mg Hardness (CaCO <sub>3</sub> ) (mg/l)	Chloride (mg/l)	Sulphate (mg/l)	Total Coliform
Ganga	Nandnaur Hastinapur Bridge Near Hastinapur, Meerut	05.10.2023	10	Odourless	7.34	320	200	8.4	2.2	10.0	140.0	100.0	40.0	15.0	10.0	1200
		20.10.2023	10	Odourless	7.42	300	180	8.6	2.0	8.0	130.0	80.0	50.0	20.0	12.0	1100
Ganga	Makdumpur, Meerut	05.10.2023	10	Odourless	7.38	340	210	8.2	2.0	12.0	150.0	110.0	40.0	20.0	10.0	1400
		20.10.2023	15	Odourless	7.29	320	200	8.0	2.4	10.0	140.0	90.0	50.0	25.0	12.0	1200
Hindon	Sardhana Budhana Road U/S	07.10.2023	60	Foul	7.59	840	540	Nil	58.0	296.0	380.0	260.0	120.0	40.0	46.0	200000

		22.10.20 3	50	Foul	7.48	810	520	Nil	54.0	288.0	360.0	250.0	110.0	40.0	48.0	170000
Hindon	Meerut Baghp Road D/S	07.10.20 3	25	No. Sp.	7.52	520	340	4.0	20.0	116.0	230.0	160.0	70.0	30.0	24.0	120000
		22.10.20 3	20	No .Sp.	7.58	460	300	4.2	18.0	112.0	210.0	150.0	60.0	25.0	22.0	100000
Kali East	U/S New Bonanza Pape Mills Vill.-Sai	09.10.20 3	30	No. Sp.	7.42	680	440	Nil	48.0	252.0	300.0	210.0	90.0	40.0	38.0	150000
		25.10.20 3	30	No. Sp.	7.45	660	420	Nil	46.0	244.0	290.0	190.0	100.0	45.0	34.0	140000
	M/S Garh Road	09.10.20 3	30	No. Sp.	7.51	600	390	Nil	42.0	252.0	270.0	180.0	90.0	30.0	30.0	130000
		25.10.20 3	30	No. Sp.	7.48	540	350	Nil	44.0	260.0	240.0	160.0	80.0	30.0	28.0	110000



CLASS A	Drinking Water Source without Conventional Treatment but after Disinfection.
CLASS B	Outdoor Bathing
CLASS C	Drinking Water Source with Conventional Treatment followed by Disinfection.
CLASS D	Fish Culture and Wild Life Propagation

- NOTE- THE WATER QUALITY OF GANGA RIVER PERTAINS TO CLASS B STANDARD, HENCE THE WATER IS FIT FOR BATHING
- HINDON RIVER & KALI RIVER IS NOT FIT FOR BATHING
- **4. Notification of Flood Plain Zones:**
- U.P STATE govt. order dated 17.10.2018 has been issued declaring no development/ no construction zone within 100m of the Ganga river on both sides from Bijnore to Kanpur.
- Demarcation of Flood Plain Zone- Completed on the right bank of Ganga river i.e. **612 Nos. of Pillars** in Distt.Meerut

### **5. Issues relating to Environmental Flow:**

- a. Notification issued by Government of India dated 09-Oct-2018 for ecological flow in Ganga River maintained as below:-
- b. Steps taken for maintaining Ecological flow/ status of compliance of the E-flow notifications.

Si No	Location of Barrage	Minimum flow releasing downstream near t barrage (in Cumec) (October to May)	Minimum flow releasi downstream near the barrage (in Cumec) (June to Sept.)
1	2	3	4
1	Bheem Gauda (Haridwar)	36	57
2	Bijnor	24	48

1. Compline of E-flow notification by Northern Division Ganga Canal (NDGC) Roorkee at Bheem Goda Barrage Haridwar U.K. in daily Gauge register
2. **36 Cumec** Water release from Bheem Goda Barrage Haridwar U.K.
3. **24 Cumec** Water release from Madhya Ganga Barrage Bijnor UP

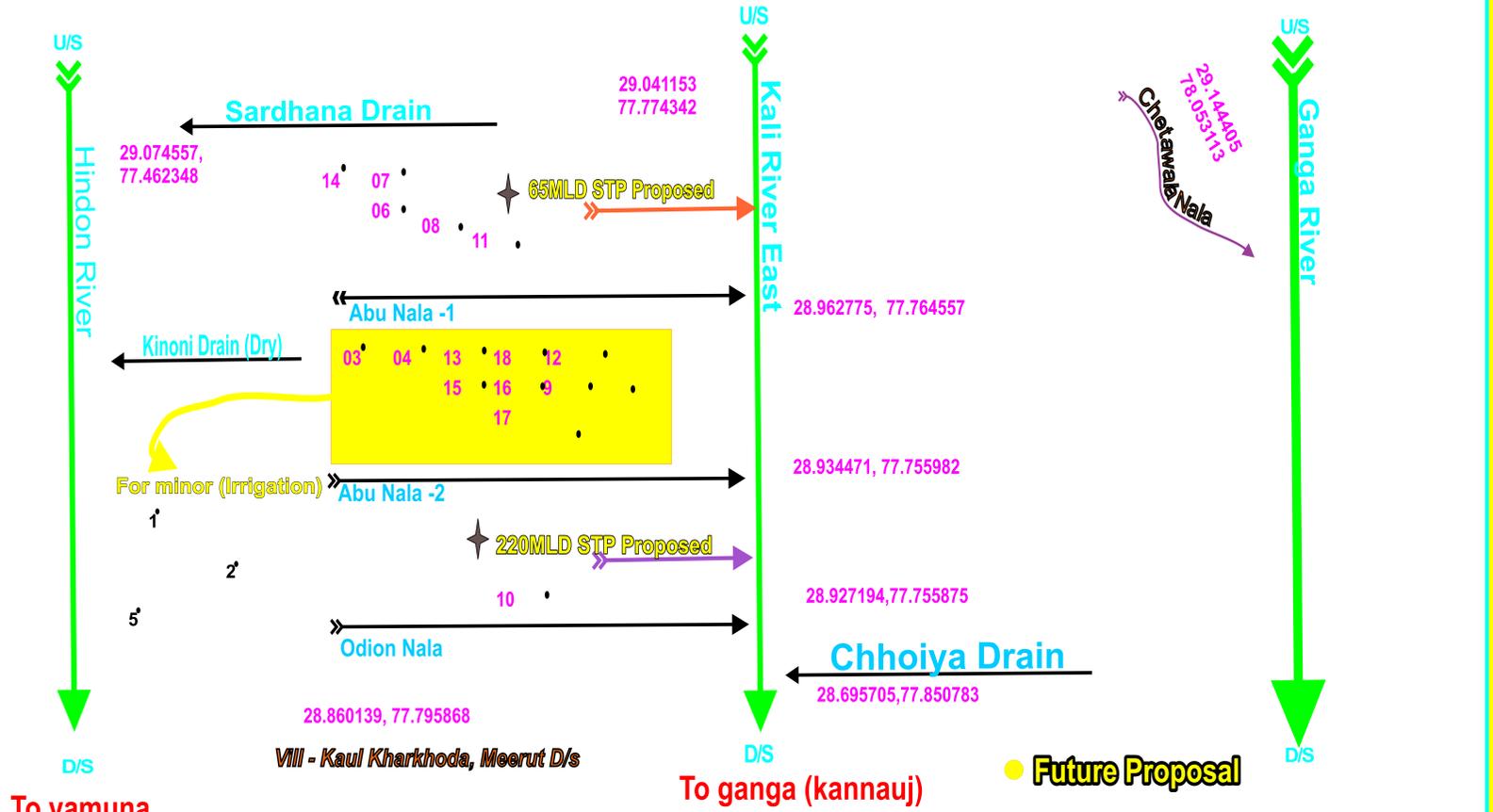
  
 (Deepak Meena, IAS)  
 District Magistrate/Chairperson  
 District Ganga Committee, Meerut(UP)



## **Best practices**

1. Industries have installed Web Cameras along with the link at the Central Pollution Control Board (CPCB) and Uttar Pradesh Pollution Control Board (UPPCB) Control Room Office for 24x7 surveillance.
2. All Pulp & Paper industries are achieving charter guidelines for maximum recycling of treated effluent in the process itself.
3. All sugar industries have achieved 100% utilization of treated water in Recycling in process/For use in Irrigation on agricultural land. District Meerut is an ancient city that is related to the Mahabharat Era and has a historical place Hastinapur. Our Holy River Ganga flows through Hastinapur Town and Parikshitgarh Meerut which covers 11 Gram Panchayats overall. By the efforts of District Administration Meerut, all the Ganga Grams are declared ODF now.
4. For 24x7 surveillance of continuous operation of Effluent Treatment Plants in major water-polluting industries.
5. Projects/ Benefits in the last 3 years (Namami/ Amrit 2.0):-  
  
Under the Namami Gange Project, UP Jal Nigam URBAN Meerut constructed 72 MLD sewage treatment Plant for the Treatment of Sewerage water. Through this 72 MLD STP, the untreated sewerage is stopped which directly flows into the River Kali East, the tributary of River Ganga.

# DRAINS AND RIVERS OF DISTRICT MEERUT



To Yamuna (GB Nagar)

S.N.	Location of STP	Installed Capacity of STP (in MLD)	Actual Utilization of installed Capacity
1	Shatabadi Nagar	15	4.8
2	Sports Goods Complex	7	4
3	Shraddhapuri Yojna Phase-1	6	5.5
4	Shraddhapuri Yojna Phase-2	6	5.6
5	Ved Vyaspuri Yojna	15	4.5
6	Pallavpuram Phase-1	7	6.5

VIII - Kaul Kharkhoda, Meerut D/s

To Ganga (Kannauj)

● Future Proposal

7	Pallavpuram Phase-2	11	8
8	Rakshapuram	6	4.4
9	Pandavnagar	3	2.7
10	Lohiya Nagar	10	2
11	Ganga Nagar	10	3.8
12	Jagrati Vihar Extension	72	65
13	Sainik Vihar	6	5.95
14	Modipuram Tiraha	5	4.9
15	Candtech Enclave, Mrt. Cantt	0.73	0.42
16	Eco Park, Opp. Rajesh Enclave, Mrt. Cantt	0.5	0.4
17	CSD in front of Yogendra Yadav Enclave, Mrt. Cantt	0.2	0.2
18	PRC Lines near Gurudwara, Mrt. Cantt	0.4	0.3



**Report in  
Compliance of Hon'ble NGT order  
Dated 24.01.2024 in  
O.A 200/2014 MC Mehta Vs UOI and Ors.**



*Report Submitted By :-*

**DISTRICT GANGA COMMITTEE  
DISTRICT MUZAFFARNAGAR**

## I. Sewage

Drain (city/town)	Total discharge per day	PH	BOD	COD	TSS	TDS	Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride, nitrates, chlorides, etc)	DO	TC	FC	Outlet flow and Geocode/ sampling tone	Colour/o dour (hazen)	Discharg ed Into
Dhandhera drain, MZN	65	7.0	148	464	132	1780	Above mention heavy metals are not being done by regional laboratory due to unavailability of either resources or instruments/ equipments.	0	Reports awaited	Reports awaited	Latitude: 29°21'53.4"N & Longitude: 77°41'20.0"E	45 Hzn	Direct in River kali west
Khadarwala Drain, MZN	5.41	7.4	118	272	84	920	Same as above	0	-	-	Latitude: 29°28'06.8"N & Longitude: 77°40'51.7"E	30 hzn	Direct in River kali west
Krishnapuri Drain, MZN	16.83	7.6	112	264	106	868	Same as above	0	-	-	Latitude: 29°28'06.5"N & Longitude: 77°40'51.6"E	30 hzn	Direct in River kali west
Laddawala Drain, MZN	20.43	7.2	108	288	94	690	Same as above	0	-	-	Latitude: 29°28'33.1"N & Longitude: 77°41'09.5"E	40 hzn	Direct in River kali west
Mansurpur Drain, MZN	1.1	7.1	110	264	92	704	Same as above	0	-	-	Latitude: 29°21'32.7"N & Longitude: 77°41'16.8"E	45 hzn	Direct in River kali west
Nai basti khalapar Drain, Mzn	1.71	7.4	112	256	94	792	Same as above	0	-	-	Latitude: 29°27'06.1"N & Longitude: 77°40'37.0"	30 hzn	Direct in River kali west

Nyajipura drain , mzn	3.16	7.5	114	288	82	828	Same as above	0	-	-	Latitude: 29°28'38.9"N & Longitude: 77°41'10.8"E	40 hzn	Direct in River kali west
Shamli road drain, mzn	1.47	7.6	102	244	88	492	Same as above	0	-	-	Latitude: 29°28'21.4"N & Longitude: 77°40'50.3"E	35 hzn	Direct in River kali west
Sujdu Village drain, mzn	2.08	7.3	106	288	66	556	Same as above	0	-	-	Latitude: 29°27'03.2"N & Longitude: 77°40'36.1"E	40 hzn	Direct in River kali west
Begraipur darin, mzn	65	7.2	146	248	110	386	Same as above	0	-	--	Latitude: 29°21'53.4"N & Longitude: 77°41'20.0"E	40 hzn	Direct in River kali west
Jatt mujhera drain, mzn	2.3	7.2	88	256	82	830	Same as above	0	-	-	Latitude: Longitude:	35 hzn	Direct in River kali west
Khatauli drain, mzn	4.65	7.5	52	160	72	720	Same as above	0	-	-	Latitude: 29.278421 Longitude: 77.787582	30 hzn	Direct in River kali East
Titawi drain, titawi, mzn	1.2	7.0	78	232	86	648	Same as above	0	-	-	Latitude: 29°21'32.7"N & Longitude: 77°41'16.8"E	45 hzn	Direct in River Hindon
Dhobi ghat drain, Budnana	100 % tapped into 10 MLD STP of Budhana												
Shamshan Ghat Drain, Budhana	100 % tapped into 10 MLD STP of Budhana												
Sabzi Mandi drain, Budhana	100 % tapped into 10 MLD STP of Budhana												

## II. STP:

## A.

Existing STP (location & capacity)	Capacity (operational)	Inlet/ Outlet water quality & quantity	Number of tapped drains (quantity of discharge)	GAP (in treatment)	Final discharge point	Proposed/ under construction STP With completion date
32.5 MLD STP Nagar Palika Parishad, Kidwai Nagar, MZN	32.5 MLD	BOD - 30 mg/l TSS - 50 mg/l FC - 1000 mg/l	03 (Partially Trapped)	55 MLD	River Kali West	<ol style="list-style-type: none"> <li>32.5 MLD Cap. STP under commissioning at final stage at Kidwai Nagar</li> <li>22 MLD capacity STP under trial at Sahawali</li> <li>10 MLD capacity STP Budhana under trial</li> </ol>

## B.

Proposed STP (Location & capacity)	Capacity (operational)	Inlet/outlet water quality & quantity	Number of tapped drains (quantity of discharge)	GAP (in treatment)	Final discharge point , geo code/ sampling point	Proposed under construction STP with completion date
22.00 MLD, Sahawali, Muzaffarnagar	Under trail run	BOD-250/10mg/l TSS-500/20mg/l COD-600/50mg/l TN-45/10 mg/l TP-07/01mg/l FC-230MPN/100ml	01	After operation of STP and full tapping of drain, No gap	River kali (W) through Sahawali drain 29.437173 77.725929	Feb,2024

32.5 MLD, Kidwai Nagar, Muzaffarnagar	Under commissioni ng	BOD-250/10mg/l TSS-500/20mg/l COD-500/50mg/l TN-45/10 mg/l TP-07/01mg/l FC-230MPN/100ml	04	After operation of STP and full tapping of drain, No gap	River Kali (W) 29.455561 77.682611	March, 2024
10.00 MLD, Budhana, Muzaffarnagar	6.8 MLD	BOD-250/10mg/l TSS-500/20mg/l COD-500/50mg/l TN-45/10 mg/l TP-07/01mg/l FC-230MPN/100ml	03	After full tapping of drain, No gap	River Hindon 29.286606 77.483536	Dec, 2023

### III. HOTELS/ ASHRAMS

S. No.	Name of Hotels/ ashrams/ dharamshalas	Consent to establish/ operate	STP	Discharge point Geocode/ sampling point	Action taken
1.	Hotel Silver Spoon Bhopa road Muzaffarnagar	No	Not installed	Through septic tank/ soak pit	Notice sent
2.	Hotel Brown Prakash chowk Court road MZR	No	Not installed	Through septic tank/ soak pit	Notice sent
3.	Hotel Mahadev Opp. Bas stand MZR	No	Not installed	Through septic tank/ soak pit	Notice sent
4.	Hotel Shiv Near Jansath Road MZR	No	Not installed	Through septic tank/ soak pit	Notice sent
5.	Hotel Sheraton South Civil Line Railway Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
6	Hotel Valentine Civil line Railway Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
7	Hotel Natraj Civil line Railway Road	no	Not installed	Through septic tank/ soak pit	Notice sent

8	Hotel Omega Blue 173 Civil line Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
9	Hotel Green Apple Ananand Bhawan Roorkee Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
10	Hotel Golden Inn Vikash Bhawan Meerut Road	no	Not installed	Through septic tank/ soak pit	Notice sent
11	Pecan Hotel & Restaurant Opp. Vardhaman Hospital Jansath Road	no	Not installed	Through septic tank/ soak pit	Notice sent
12	Sangam Hotel Vill- Mustafabad Bypass RoadP MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
13	Solitaire Inn NH-58 Meerut Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
14	Hotel Radiant Inn Opp. Grand Plaza Bhopa Road	no	Not installed	Through septic tank/ soak pit	Notice sent
15	Gupta Resort, Inn NH-58 Meerut Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
16	7 Sky hotel & Restaurant Mahaveer Chowk MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
17	Hotel Galaxy Tower South Civil Line MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
18	Omega Holiday Home Pvt. Ltd. Civil Line North MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
19	Moolchand Resorts 8Km NH-58 Meerut Road	no	Not installed	Through septic tank/ soak pit	Notice sent
20	The Mithai Art Gandhi Colony MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
21	The Green Restaurant North Civil Line Railway station MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
22	Omega Bar & Restaurant North Civil Line Railway station MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
23	Money Restaurant Court Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent

24	Biggies Pizza Restaurant Civil Line Circular Road MZR	no		Through septic tank/ soak pit	Notice sent
25	Oak Square Restaurant NH-58 Bypass road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
26	Akashay paatr Restaurant NH-Near Sher Nagar MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
27	Paradise Restaurant NH-58 Bypass Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
28	Biggies Pizza Restaurant 315 South Bhopa Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
29	Bhagwati Banquet Hall Jansath Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
30	Sidharth Banquet Hall Anand Vihar MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
31	Arpan Banquet Hall Mahaveer Chowk MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
32	Madhur Milan Palace Bhartiya Colony MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
33	Var Vadhu Farm Roorkee road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
34	Santosh Palace Infrant OF Sangam Hotel MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
35	Abhinandan Palace 4.5 Km Stone Roorkee Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
36	Kiran Farm's Opp Ram Narsery Roorkee Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
37	Raj Mahal Farm Radha Suwami satsang Roorkee Road MZR	no	Not installed	Through septic tank/ soak pit	Notice sent
38	Krishana Palace Near Guru Ram Rai School MZR	no	Not installed	Through septic tank/ soak pit	Notice sent

## IV. Industrial Effluent discharge:

S. No.	Total number of Industries	Daily effluent discharge (in KLD)	Treatment available (cetp/ petp/ etp operational capacity )	Effluent quality analysis (outlet of treatment plants Geo code sampling point)	GAP	Proposed/ under construction treatment project (with timeline)	Number of defaulting units- Action taken	Industrial solid waste generated/ day	Manner of disposal (Industrial solid waste)
1.	Aggarwal Duplex & Board Mills Ltd. Bhopa Road Muzaffarnagar	700	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
2.	Aristo Craft Paper Mills Pvt. Ltd. Meerut Road, Muzaffarnagar	250	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDF being made
3	Bajaj Hindustan Ltd. Bhaiana, Muzaffarnagar.	2000	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
4	Bindals Papers Mills Ltd. Bhopa Road, Muzaffarpur.	4000	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization	For the scientific disposal of Haz. Waste agreement with

								granted by UPPCB	TSDf being made
5	Bindalas Duplex Ltd, Bhopa Road (Unit-1), Muzaffarnagar	300	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
6	Bindalas Ouplex Ltd, Bhopa Road (Unit-2) Muzaffarnagar	600	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDf being made
7	D.L.S. Papers Pvt. Ltd., 10Km Meerut Road, Dhaulapul, Begrajpur, Muzaffarnagar	190	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
8	DDLS Paper Pvt. Ltd., Meerut Road, Begrajpur, Muzaffarnagar	300	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
9	D.S.M. Sugar Mansurpur, Meerut Road. Muzaffarnagar	1200	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made

10	Disha paper Industris, Jolly road, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDF being made
11	Galaxy Papers pvt.ltd. Jolly Road, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
12	Garg Duplex & Paper Mills (P) Ltd. Bhopa Road, Muzaffarnagar	1500	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
13	H.J. Tannery Pvt. Ltd. Jolly Road muzaffarnagar	70	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
14	I.P.L. (Formerly Titawi Sugar Complex), Titawi, Muzaffarnagar	750	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDF being made

15.	I.P.L. Sugar Unit Rohana kalan, Muzaffarnagar	350	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
16	Indian Potash Limited (Distillery Unit), Baheri, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
17	K.K. Duplex Pvt. Ltd., Jansath road, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
18	Mahalaxmi Craft & Tissues Bhopa Road, Jansath Muzaffarnagar.	150	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDf being made
19	Meenu Papers (P) Ltd. Bhopa Road Muzaffarnagar	250	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made

20	Orient Board & Paper Mill Pvt. Ltd. Jansath Road, Muzaffarnagar	480	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
21	Parijat Paper Mills, Ltd., Bhopa Road, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed			Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
22	Krishnanchal Pulp & Papers Pvt. Ltd. (Formerly Prime Papers) Jolly Road, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDF being made
23	Genus Papers & Board Ltd. (Unit-2), (Formerly N.S. Papers Ltd.), Jansath Road, Muzaffarnagar	1800	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
24	Rati Pushp Intermediats Pvt.Ltd., Jansath Road, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made

25	Shakti Craft & Tissues, Jansath road, Muzaffarnagar	135	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
26	Shakumbari Pulp & Paper Bhopa Road, Muzaffarnagar	150	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDf being made
27	Shri Bhageshwari Paper Mills (P) Ltd., 8hopa Road Unit-1 Muzaffarnagar	450	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
28	Shri Bhageshwari Paper Mills (P) Ltd., Bhopa Road Unit-2 Muzaffarnagar	1100	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
29	Siddheshwari Ind. Pvt. Ltd., Jansath Road, Muzaffarnagar	350	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made

30	Sidhali Papers mills Ltd, Bhop Road, Muzaffarnagar	370	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDF being made
31	Silver Tone Pulp & Paper, Bhopa Road, Muzaffarnagar.	1200	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
32.	Silver Tone Pulp & Paper (Unit-2) Bhopa Road, Muzaffarnagar	1800	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
33.	Silvertoan Paper Ltd. (Unit-1) Bhopa Road, Muzaffarnagar	1800	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
34.	Silvertoan Paper Ltd. (Unit-2) Bhopa Road, Muzaffarnagar	500	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDF being made

35.	Sir Shadi Lal Distillery & Chemical Works, Mansoorpur Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
36.	Shri Veer Balaji Papers (Formerly Sita Paper Mill), 8hopa Road, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
37.	Suyash craft & papers ltd., Velhana, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
38.	S.K. Papers Ltd., Jolly road, Muzaffarnagar	300	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDF being made
39.	Tehri Pulp & Papers Ltd. Bhopa Road (Unit- 1) Muzaffarnagar	700	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made

40.	Tehri Pulp & Papers Ltd. Bhopa Road (Unit- 2) Muzaffarnagar	600	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
41	Tirupati Balaji Fibres Ltd. Bhopa Road, Muzaffarnagar	250	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
42	Triveni Engg. Industries Ltd. (Alco Chemical Complex) Bilaspur, Jolly Road, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDF being made
43	Triveni Engg. industries Ltd. (Alco Chemical Complex) Unit-2 Bilaspur, Jolly Road, Muzaffarnagar.	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
44	Uttam Sugar Mills, Khaikheri, Muzaffarnagar	1000	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made

45	Magma industries, Begrajpur, Muzaffarnagar	50	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
46	Vellum Papers Pvt. Ltd., Vill. Sikhreda, 9th Km. Jolly Road, Muzaffarnagar	210	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDf being made
47	Saral Chemtech LLP, Jansath Road, Muzaffarnagar	17	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
48	Hanumanat Paper Mills Pvt. Ltd., g.5 Km. Jansath Road, Vill. Shernagar, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
49	Aramco Papers Pvt. Ltd., Jolly Road, Muzaffarnagar	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made

50	Al-Noor Exports, Jansath Road, Muzaffarnagar	480	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDf being made
51	Gulshan Polyoles Ltd., Jansath Road, Muzaffarnagar	2450	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
52	The Ganga Kisan Sahkari Chini Mills Ltd.,Morna, Muzaffarnagar.	550	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
53	Tikaula Sugar Mills Ltd. Tikaula	1920	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
54	Tikola Oistillery,Tikola, Muzaffarnagar.	ZLD	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDf being made

55	Triveni Engineering & Industries Ltd. Sugar Unit Khatauli, Muzaffarnagar	1935	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
56	Jain Processors, D-1, UPSIDC industrial Area Begraipur, Muzaffarnagar (Dyeing)	90	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
57	Ayman Collection, D-8, UPSIDC Industrial Area Begraipur, Muzaffarnagar (Dyeing)	45	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made
58	Shakeel Jeans, K-20, UPSIDC Industrial Area Begraipur, Muzafiarnagar (Dyeing)	40	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For scientific disposal of Haz. Waste agreement with TSDF being made
59	Bright Wash, K-23, UPSIDC Industrial Area Begraipur, Muzaffarnagar (Dyeing)	35	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDF being made

60.	Noor Fashion, K-19, UPSIDC Industrial Area Begrajpur, Muzaffarnagar(Dyeing)	34	ETP Operational	As per the norms	Adequate capacity ETP installed	Nil		Haz. Waste generated as per the authorization granted by UPPCB	For the scientific disposal of Haz. Waste agreement with TSDf being made
-----	---	----	-----------------	------------------	---------------------------------	-----	--	--	--

#### V. Regulation of Flood Plain Zone:

S. NO.	Name of wetland	Notification of flood plain zone	Demarcation (Area in hectares)	Encroachment & direct discharge GeoCode/Sampling point	Encroachment removal status
1.	Alampur	U.P STATE govt. order dated 17.10.2018 has been issued declaring no development/ no construction zone within 100m of the Ganga river on both sides from Bijnore to Kanpur.	185.00	Natural Lake present in the choel area of Madhya Ganga Nahar N-29-17-17.91 E-78-0-18.44	No Encroachment
2.	Haiderpur	Same as above	1221.00	Fully submerged wetland N-29-23-29.667 E-78-1-1.910	No Encroachment
3.	Boodhi ganga jheel	Same as above	389.0	Fully submerged wetland N-29-17-24.130 E-78-1-37.890	No Encroachment
4.	Jaitpur Gorsiwala-i	Same as above	50.00	Fully submerged wetland N-29-22-21.946 E-78-1-37-890	No Encroachment
5.	Jaitpur Gorsiwala-iii	Same as above	74.00	Fully submerged wetland N-29-22-15.341 E-78-1-5.440	No Encroachment

6.	Jalalpur Behda	Same as above	144.00	Partially submerged wetland N-29-25-56.434 E-78-1-39.756	No Encroachment
7.	Majispur	Same as above	26.00	Fully submerged area N-29-23-26.63 E-78.2.12.70	No Encroachment
8.	Kalyanpur	Same as above	1033.00	Fully submerged wetland in form of lake N-29-27-53.878 E-78-59-48.732	No Encroachment
9.	Jogiwali Jheel	Same as above	57.00	Fully submerged wetland in form of lake (natural lake) N-29-34-29.957 E-77-57-44.177	No Encroachment
10.	Kakawala ghat	Same as above	1179.00	Fully submerged wetland N-29-24-39.118 E-77-55-55.567	No Encroachment
11.	Chor ghat	Same as above	435.54	Fully submerged wetland in form of lake N-29-37-12.528 E-77-54-56.656	No Encroachment
12.	Badhiwala Jheel (Khedki)	Same as above	212.0	Fully submerged wetland in form of lake N-29-38-33.536 E-77-56-24.634	No Encroachment
13.	Badhiwala Jheel (suheli)	Same as above	238.0	Fully submerged wetland in form of lake N-29-36-06.430 E-77-56-14.163	No Encroachment
14.	Baikanthpur	Same as above	94.00	Fully submerged wetland in form of lake N-29-39-08.342 E-77-55-40.043	No Encroachment

**VI. AFFORESTATION/ PLANTATION**

Area- cities/ towns	Total plantation	Proposed project	Timeline
3,60,000 m sq.	39600 in the year 2020-21	Protection and care of the saplings planted.	2023-24

**VII. Mining:**

Area of mining Geocode/ sampling point	FIR/ case registered/ year	Vehicles/ mineral seized	Action taken status	Cases pending in Court	Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016
The District Survey report is prepared and it is also updated at regular intervals. At present neither any mining lease is operational in the district nor any area is in the district survey report.	In the financial year 2023-24, till now no FIR has been reported related to this matter(Area of sand mining lease)	From 01/01/2021 to till date , action has been taken on 29 case of illegal transportation of ordinary sand (category1) through Mcheck App	Penalties was imposed as per rules.	No data available related to this matter	–

**Compliance of Hon'ble NGT order**

**Dated 24.11.2023**

**In**

**O.A 200/2014 MC Mehta Vs UOI and Ors**

**DISTRICT MUZAFFARNAGAR**

**Sewage Management**

(i) District Muzaffarnagar – Total Sewage Generation – 78 MLD

<b>SI no</b>	<b>Name of ULB</b>	<b>Sewage Generation (MLD)</b>
1.	Muzaffarnagar	65.00
2.	Khatauli	3.00
3.	Purkazi	1.00
4.	Meerapur	1.00
5.	Bhokerheri	0.75
6.	Budhana	4.00
7.	Sisauli	0.50
8.	Shahpur	0.75
9.	Charthawal	1.00
10.	Jansath	1.00
	<b>Total</b>	<b>78.00</b>

(i) **Existing Sewage Treatment Capacities**

- 32.5 MLD STP, Kidwai Nagar

**Under Commissioning stage/Trial Run**

- 10 MLD STP, Bhudana
- 32.5 MLD, Kidwai Nagar
- 22 MLD, Sahawali

(ii) **Quantity of sewage being treated (Utilization Capacity)**

At present – 32.5 MLD is being treated in STP out of total sewage of 78 MLD

Gap (Untreated Sewage at present) – 45MLD (58.5%)

Sewage Treatment after operation of all STPs on full capacity – 97MLD (No gap)

## (iii) Performance of STPs particularly for FC

STP	Technology	Operational Status	Capacity (operational)	Inlet/Outlet Water quality & quantity	Number of tapped drains (quantity of discharge)	GAP (in treatment)	Final discharge point Geo code/ sampling point	Proposed/ under construction STP With completion date
32.5 MLD, Kidwai Nagar	Oxidation Pond	Operational	100%	BOD-250/30mg/l TSS-500/50mg/l FC-1000MPN/100ml	3	0	29.455561, 77.682611	
22.00 MLD, Sahawali, Muzaffarnagar	SBR	Under Trial Run	–	BOD-250/10mg/l TSS-500/20mg/l COD-600/50mg/l TN-45/10 mg/l TP-07/01mg/l FC-230MPN/100ml	01	After Operation None	29.437173, 77.725929	Feb, 2024
32.5 MLD, Kidwai Nagar, Muzaffarnagar	SBR	Commissioning Stage	–	BOD-250/10mg/l TSS-500/20mg/l COD-500/50mg/l TN-45/10 mg/l TP-07/01mg/l FC-230MPN/100ml	04	After Operation None	29.455561, 77.682611	March, 2024
10.00 MLD, Bhudana, Muzaffarnagar	SBR	Operational	6.8MLD	BOD-250/10mg/l TSS-500/20mg/l COD-500/50mg/l TN-45/10 mg/l TP-07/01mg/l FC-230MPN/100ml	03	None after full capacity operation	29.286606, 77.483536	

(i) **Where treated sewage is being discharged (to Ganga or tributaries)** - Total sewage generated is being discharged to River Kali (West), River Hindon and River Kali (East)

(ii) Reasons for Under-utilization of STPs (Connectivity of Households/laying of sewer lines)

STP	Operational Status	STP capacity utilization	Reason for under utilization
32.5 MLD, Kidwai Nagar	Operational	100%	-
32.5 MLD, Kidwai Nagar	Under Commissioning	-	-
10 MLD Bhudana	Trial Run	68%	Connectivity of households
22 MLD, Sahawali	Trial Run	-	-

(iii) **Current gap in sewage treatment**

Total sewage generation – 78 MLD

Sewage Treatment at present – 32.5 MLD

Gap – 45MLD (58.5%)

Total Sewage Treatment quantity after operation of all STPs on full capacity – 97MLD (No gap)

STP	Technology	Operational Status	Capacity (operational)	Inlet/Outlet Water quality & quantity	Number of tapped drains (quantity of discharge)	GAP (in treatment)	Final discharge point Geo code/ sampling point	Proposed/ under construction STP With completion date
32.5 MLD, Kidwai Nagar	Oxidation Pond	Operational	100%	BOD-250/30mg/l TSS-500/50mg/l FC-1000MPN/100ml	3	0	29.455561, 77.682611	
22.00 MLD, Sahawali, Muzaffarnagar	SBR	Under Trail Run	—	BOD-250/10mg/l TSS-500/20mg/l COD-600/50mg/l TN-45/10 mg/l TP-07/01mg/l FC-230MPN/100ml	01	After Operation None	29.437173, 77.725929	Feb, 2024
32.5 MLD, Kidwai Nagar, Muzaffarnagar	SBR	Commissioning Stage	—	BOD-250/10mg/l TSS-500/20mg/l COD-500/50mg/l TN-45/10 mg/l TP-07/01mg/l FC-230MPN/100ml	04	After Operation None	29.455561, 77.682611	March, 2024
10.00 MLD, Bhudana, Muzaffarnagar	SBR	Operational	6.8MLD	BOD-250/10mg/l TSS-500/20mg/l COD-500/50mg/l TN-45/10 mg/l TP-07/01mg/l FC-230MPN/100ml	03	None after full capacity operation	29.286606, 77.483536	

- (iv) **Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues:**

No timebound plan required. 03 proposed STPs are constructed/under trial run/commissioning stage. 100% treatment of sewage shall be achieved with operation of remaining 3 STPs on full capacities.

**Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries):** Nil. With operation of all STPs , there shall be no gap in treatment of sewage.

#### **Drains joining Ganga and Tributary**

- (i) Number of drains carrying sewage- sullage or industrial waste water joining Ganga/ tributaries with their Quantity and Quality.

<b>S. No.</b>	<b>Drain</b>	<b>Domestic/Industrial/ Mixed</b>	<b>Flow (MLD)</b>	<b>Quality Discharge Parameters</b>
1.	Dhandhera Drain, MZN	Industrial	25	pH=7.0 BOD=148 COD=464 TSS=132 TDS=1780
2.	Khadarwala Drain, MZN	Domestic	5.41	pH=7.4 BOD=118 COD=272 TSS=84 TDS=920
3.	Krishnapuri Drain, MZN	Domestic	16.82	pH=7.6 BOD=112 COD=464 TSS=106 TDS=868

4.	Laddawala Drain, MZN	Domestic	20.43	pH=7.2 BOD=108 COD=288 TSS=94 TDS=690
5.	Mansurpur Drain, MZN	Mixed	1.1	pH=7.1 BOD=110 COD=264 TSS=92 TDS=704
6.	Nai Basti Khalapar Drain, MZN	Domestic	1.71	pH=7.4 BOD=112 COD=256 TSS=94 TDS=792
7.	Nyajipura Drain, MZN	Domestic	3.16	pH=7.5 BOD=114 COD=288 TSS=82 TDS=828
8.	Shamli Road Drain, MZN	Domestic	1.47	pH=7.6 BOD=102 COD=244 TSS=88 TDS=492
9.	Sujdu Village Drain, MZN	Domestic	2.08	pH=7.3 BOD=106 COD=288 TSS=66 TDS=556
10.	Begrajpur Drain, MZN	Mixed	55.0	pH=7.2 BOD=146 COD=248 TSS=110

				TDS=386
11.	Jatt Mujhera Drain, MZN	Industrial	2.5	pH=7.2 BOD=88 COD=256 TSS=82 TDS=830
12.	Khatauli Drain, Khatauli, MZN	Domestic	1.5	pH=7.5 BOD=52 COD=160 TSS=72 TDS=720
13.	Titawi Drain, Titawi, MZN	Domestic	1.2	pH=7.0 BOD=78 COD=232 TSS=86 TDS=648
14.	Dobhi Ghat Drain Budhana	Domestic	Drains totally tapped and sewage being treated in 10 MLD STP , Budhana	
15.	Sabzi mandi Drain Bdhana	Domestic		
16.	Shamshan Ghat Road Drain	Domestic		

(ii) **Drains joining outside city and town limits but, either joining in village or nearby town** : As per the above table

(iii) **Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs:**

Already operational STP of 32.5 MLD is utilizing 100% capacity and all concerned drains have been trapped. Out of 3 STPs of 10MLD, 32.5 MLD and 22MLD, 10 MLD STP has been made operational and remaining 32.5 MLD and 22 MLD STPs are under trial operation/Commissioning Stage. All concerned drains in these 3 new STPs shall be 100 % tapped soon

**Septage management (In case of no STP)**

- (i) **Status of Septage management (with reference to FSTP/STP):**  
Till date, there is no proposal in effect

- (ii) **Management of Grey water and its disposal:**

Already operational STP of 32.5 MLD is utilizing 100% capacity and all concerned drains have been trapped. Out of 3 STPs of 10MLD, 32.5 MLD and 22MLD, 10 MLD STP has been made operational and remaining 32.5 MLD and 22 MLD STPs are under trial operation/Commissioning Stage. All concerned drains in these 3 new STPs shall be 100 % tapped soon

**2.1 Industrial Pollution Control**

Sl.No.	River (Hindon/Kali West/Kali East/Ganga)	Name of Industry Total no. of water polluting industries	Total Industrial discharge (MLD)	Treatment facility installed (Primary , secondary and tertiary treatment/ ZLD technology
1.	Hindon	02 (Sugar)	Used in Ferti Irrigation	
2.	Kali West	54	26.30	
3.	Kali East	01 (Sugar)	Used in Ferti Irrigation	
4.	Ganga	03 (02 Sugar, 01 Distillery)	Used in Ferti Irrigation Distillery - ZLD	

**(1) Water quality status**

<b>River/Tributary</b>	<b>DO</b>	<b>BOD</b>	<b>TC</b>	<b>FC</b>
Ganga (Shukratal Ghat)	6.6	2.0	1100	700
Kali East (Khatauli Drain)	Nil	52.0	NA	NA
Kali (West) D/S	Nil	36.0	NA	NA
Hindon D/S	Nil	36.0	NA	NA

- (2) Notification of Flood Plain Zones –** Government of Uttar Pradesh has issued notification dated 17.10.2018 regarding no construction/ no development zone uner 100 meter of both bank river
- (3) Issues relating to Environmental Flow:** Notification has been issued by vide notification dated 09.10.2018

The report is being submitted by the District Ganga/Environment Committee.

  
**(Ankit Singh)**  
 Regional Officer  
 UPPCB, Muzaffarnagar

  
**(Kanahiya Patel)**  
 D.F.O  
 Muzaffarnagar

  
**(Arvind Mallappa Bangari)**  
 District Magistrate  
 Muzaffarnagar

## **BEST PRACTICES**

### **Best practices adopted for Prevention and Control of Water Pollution:**

1. For 24x7 surveillance of continuous operation of Effluent Treatment Plants in major water-polluting industries, UPPCB and District Magistrate Muzaffarnagar directed industries to install CCTV cameras covering major units of ETPs which have been complied with and at present, major industries have installed CCTV Cameras along with the link at the Central Control Room of the District Administration Office for 24x7 surveillance.
2. All Pulp & Paper industries are achieving charter guidelines for maximum recycling of treated effluent in the process itself. 09 Pulp & Paper industries have also achieved ZLD. Individual paper industries have succeeded in recycling more than 50% of effluent discharge in the process itself.
3. At present all distillery units in Muzaffarnagar are operating slop boilers for disposal of spent wash. No distillery unit is presently operating Bio Composting for disposal of spent wash. 01 distillery unit M/s Sir Shadilal Distillery & Chemical Works was the only unit operating Bio Composting which was also permanently closed by the Board in the year 2020-21.
4. All sugar industries have achieved 100% utilization of treated water in Recycling in process/For use in Irrigation on agricultural land.
5. Dhandhera/Begrajpur Drain is the major drain that carries treated industrial effluent due to which, the drain is timely deep silted/cleaned on regular intervals by the concerned industries in compliance with the directions issued by UPPCB and the District Administration.

REGIONAL OFFICE, U.P. POLLUTION CONTROL BOARD, MUZAFFARNAGAR

SAHARANPUR



**Report in  
Compliance of Hon'ble NGT order  
Dt 24.01.2024  
O.A 200/2014 MC Mehta Vs UOI and Ors**



**Report Submitted By:-**

**DISTRICT GANGA COMMITTEE  
DISTRICT HAPUR**

**Information required in compliance of Hon'ble NGT order 24.01.2024 in O.A. 200/2014 MC**

**Mehta Vs UOI and ors.**

**Name of the District:** Hapur

**Length of stretch of river Ganga in the District:** Ganga River (Hapur) – 38 KM

**Stretch of any tributary in the district:**

(a) Name: Kali east River

(b) Stretch length: 74.50

## I. Sewage

Drain (city/town/ per day	Total flow of drain per day	PH	BOD	COD	TSS	Heavy metals			Nitrates	DO	TC	FC	Outlet flow	Cl	Colour/ Odour	Discharged Into
						Cu	Fe	Ni								
Kadrabad Drain, Hapur	46.0 MLD	7.20	44	126	87	0.27	1.54	0.06	1.2	NIL	32 X 10 <sup>5</sup>	22 X 10 <sup>5</sup>	46 MLD	250	Turbid/ Faint	Kali River
Chhuiya Drain NH-24 Babugarh, Hapur	5 MLD	7.40	33	92	100	0.36	0.58	0.01	1.6	NIL	14 X 10 <sup>4</sup>	12 X 10 <sup>4</sup>	5 MLD	210	Turbid/ Faint	Kali River
Garh Drain near Village Garh, Hapur	3 MLD	7.50	22	48	55	0.14	2.10	ND	0.6	NIL	2400	1700	3 MLD	109	Turbid/ Odorless	Ganga River
Hapur Drain, Hapur	27 MLD	7.12	48	149	152	0.25	2.42	0.03	0.3	NIL	40 X 10 <sup>5</sup>	27 X 10 <sup>5</sup>	27 MLD	146	Turbid/Fa int	Kali River
Hapur city Drain, Hapur	05 MLD	7.16	50	137	152	0.26	1.38	0.05	0.2	NIL	32 X 10 <sup>5</sup>	26 X 10 <sup>5</sup>	05 MLD	152	Turbid/Fa int	Kali River
Fuldera Drain near Syana Escape Police Chowki, Hapur	<b>DRY</b>															

**II- STP for treating the sewage of the drains ultimately flowing to river ganga or its tributaries:-**

Existing STP (location & capacity)	Capacity (operational)	Inlet/ Outlet water quality & quantity	Number of tapped drains (quantity of discharge)	GAP (in treatment)	Final discharge point/Geo Code/Sampling Point	Proposed/ under construction STP With completion date
06 MLD Garhmukteshwar, Hapur	Operational	BOD - 30 mg/l TSS - 50 mg/l FC - 1000 mg/l	01 3.5 MLD	No Gap	Ganga River Lat-28.775889, Long-78.118952	Nil
03 MLD Brijghat, Hapur	Operational	BOD - 30 mg/l TSS - 50 mg/l FC - 1000 mg/l	01 02 MLD	No Gap	Ganga River Lat-28.749625, Long-78.141193	Nil
03 MLD Pilkhuwa, Hapur	Operational	BOD - 30 mg/l TSS - 50 mg/l FC - 1000 mg/l	01 07 MLD	4.7 MLD	Kali River Lat-28.706363, Long-77.664151	Nil
30 MLD Rampur Road, Hapur	Operational	BOD - 30 mg/l TSS - 50 mg/l FC - 1000 mg/l	01 10 MLD	20.58 MLD Tapping of drains and sewer pipelines is under progress.	Kali River Lat-28.712825, Long-77.771041	Nil

Proposed STP (Location & capacity)	Capacity (operational)	Inlet/outlet water quality & quantity	Number of tapped drains (quantity of discharge)	GAP (in treatment)	Final discharge point, geo code/ sampling point	Proposed under construction STP with completion date
Nil	NA	NA	NA	NA	NA	NA

\* Sewage Treatment After operation of all STPs on full capacity, only 4.7 MLD GAP left (Babugarh-0.7 MLD & Pilakhuwa-4 MLD). In this regards STPs of required capacity in Babugarh and Pilakhuwa shall be installed shortly.

**III- Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries: -**

Number of Hotels/ ashrams/dharamshalas	Consent to establish/ operate	STP	Discharge point Geocode/ sampling point	Action taken
13	01 (STP Installed)	Not Installed	Through septic tank/ soak pit	Notice sent
10	00	Not Installed	Through septic tank/ soak pit	Notice sent

**IV. Industrial Effluent discharge by industries whose effluent is ultimately flowing to river Ganga or its tributaries: -**

Total number of Industries	Daily effluent discharge	Treatment available (CETP/ PETP/ ETP operational capacity)	Effluent quality analysis (outlet of treatment plants)	GAP	Proposed/ under construction treatment project (with timeline)	Number of defaulting units- Action taken	Industrial solid waste generated/ day	Manner of disposal (Industrial solid waste)
36	6.076 MLD	ETP/PETP Installed in each individual industries of adequate capacity.	As per schedule, analysis done by Regional Office Ghaziabad	0	0	1- M/s PRATEAK MITTAL, W-32, TEXTILE CENTER PILAKHWA HAPUR- Show Cause Notice issued u/s 33A of water Act. 2- RAYBAN FOODS PRIVATE LIMITED, Khasara No. 925, 926, 926/1,1083, 1084/2, 1085, 1086, 1159, 1159/2, 1160/1, Rampur Marg, Bulandshahar Road, Hapur – Closure order issued u/s 33A of water Act.	20 TPD	Through TSD/Authorized recyclers.

**V. Regulation of Flood Plain Zone:**

Area- cities/ towns	Notification of flood plain zone	Demarcation		Variable flow (Cusec)	Encroachment /Encroachment removal status	Timeline for completion
		No development zone pillars	Regulatory zone pillars			
Ganga River & Kali River, Hapur	UP State Govt. order dated 17.10.2018 has been issued declaring no developmen t/no constructio n zone within 100 mtr of the Ganga River on both sides from Bijnor to Kanpur.	A project has been initiated for the demarcation of Flood Plain Zone. This project is based on the coordinates outlined in the report from the study of Hydrological modelling and hydrodynamic transport phenomena of flood moment by IIT.	Ganga River & Kali River is rain-fed and has nil discharge during the dry season.	Bheem Gauda (Haridwar) -36  Bijnor - 24	<ul style="list-style-type: none"> <li>• A notice under section 61-B of Indian Forest Act 1927 has been issued to the concerned person for removal of encroachment. The proper action is under process with the help of Forest Department, Police Department and District Administration, Hapur.</li> <li>• A Biodiversity Park has been sanctioned by Government of India via file No. Ad-34012/1/2022 NMCG-NMCG for Hapur forest Division. The park area is about 51 ha which is located at Alamgirpur Forest Block of Garhmukteshwar Range. The tenure for completion of Biodiversity Park is 5 year's from 2022 to 2026. The Environment, Forest and Climate Change Department, Government of Uttar Pradesh will be the implementing agency for the project. The construction of Park is under progress.</li> <li>• The Plantation/Afforestation of about 105 ha has been done along flood plains of Ganga River Stretch in last 3 years. The restoration of land will be done by construction of Biodiversity Park as per suggestion from experts Prof. C.R. Babu and Dr. Faiyaz A. Khudsar, of Yamuna Biodiversity Park, New Delhi.</li> </ul>	03 Years

**VI- Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones:**

Area- cities/ towns	Total plantation	Proposed project	Time line
Garhmukteshwar	25 Hectare	Biodiversity Park	2022-23 to 2025-26

**VII. Mining and Stone Crushing in river bed and flood plain zone of River Ganga and its tributaries:**

Area of mining/Geo code/Sampling point	FIR/ case registered/ year-2023	Vehicles/ mineral seized	Action taken status	Cases pending in Court	Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016
<b>Nil</b>	<b>04</b>	<b>155</b>	<b>Penalty imposed Rs 46,03,700.00</b>	<b>Nil</b>	<b>-</b>

**Compliance of Hon'ble NGT order**

**Dt 24.11.2023**

**O.A 200/2014 MC Mehta Vs UOI and Ors.**

**District Hapur.**

## **2.1 Sewage Management:-**

(i) District Hapur – Total Sewage Generation – 44.28 MLD

<b>SI No</b>	<b>Towns/ULB</b>	<b>Sewage Generation (MLD)</b>
1.	NPP, Hapur	30.58
2.	NPP, Pilkhuwa,	07
3.	NPP, Garhmukteshwar	06
4.	NP, Babugarh	0.7

(ii) **Existing Sewage Treatment Capacities**

- 06 MLD Garhmukteshwar, Hapur.
- 03 MLD Brijghat, Hapur.
- 03 MLD Pilkhuwa, Hapur.
- 30 MLD Rampur Road, Hapur

Under Commissioning stage/Trial Run: -Nil

(iii) **Quantity of sewage being treated (Utilization Capacity)**

At present – 18.5 MLD out of total sewage of 44.28 MLD

Gap – 25.78 MLD (58.22 %)

Sewage Treatment After operation of all STPs on capacity – 42 MLD {GAP 4.7 MLD (Babugarh-0.7 MLD & Pilakhuwa-4 MLD)}

**(iv) Performance of STPs particularly for FC.**

STP	Technology	Operational Status	Capacity (operational)	Inlet/Outlet Water quality & quantity	Number of tapped drains (quantity of discharge)	GAP (in treatment)	Final discharge point Geo code/ sampling point	Proposed/ under construction STP With completion date
06 MLD Garhmukteshwar, Hapur	UASB followed by Extended aeration.	Operational	06 MLD	BOD - 30 mg/l COD-250 mg/l TSS - 100 mg/l FC - 1000 mg/l	01 3.5 MLD	No Gap	Ganga River Lat-28.775889, Long-78.118952	No
03 MLD Brijghat, Hapur	UASB followed by Extended aeration.	Operational	02 MLD	BOD - 30 mg/l COD-250 mg/l TSS - 100 mg/l FC - 1000 mg/l	01 02 MLD	No Gap	Ganga River Lat-28.749625, Long-78.141193	No
03 MLD Pilkhuwa, Hapur	UASB followed by Extended aeration.	Operational	03 MLD	BOD - 30 mg/l COD-250 mg/l TSS - 100 mg/l FC - 1000 mg/l	01 07 MLD	4.7 MLD	Kali River Lat-28.706363, Long-77.664151	No
30 MLD Rampur Road, Hapur	SBR	Operational	10 MLD	BOD - 30 mg/l COD-250 mg/l TSS - 100 mg/l FC - 1000 mg/l	01 10 MLD	20.58 MLD	28.712825, 77.771041	Tapping of drains and sewer pipelines is under progress.

**(v) Where treated sewage is being discharged (to Ganga or tributaries) :-** Total sewage generated is being discharge to River Ganga/Kali(East).

**(vi) Reasons for Under-utilization of STPs (Connectivity of Households/laying of sewer lines)**

STP	Operational Status	STP capacity utilization	Reason for under utilization
06 MLD Garhmukteshwar, Hapur	Operational	3.5 MLD	Connectivity of House hold/Sewar connection.
03 MLD Brijghat, Hapur	Operational	100%	-
03 MLD Pilkhuwa, Hapur	Operational	100%	-
30 MLD Rampur Road, Hapur	Operational	33.33 %	Connectivity of House hold/Sewar connection.

**(vii) Current gap in sewage treatment**

- Total Sewage generation – 44.28 MLD
- Sewage treatment at present- 18.5 MLD
- Gap – 25.78 MLD (58.22 %)
- Sewage Treatment After operation of all STPs on capacity – 42 MLD {GAP 4.7 MLD (Babugarh-0.7 MLD & Pilakhuwa-4 MLD)}

**(viii) Time bound plan for bridging the gap and tying up with financial arrangements and not delaying****Tendering and identifying executing agencies or having any other issues:**

Sewage Treatment After operation of all STPs on full capacity, only 4.7 MLD GAP left (Babugarh-0.7 MLD & Pilakhuwa-4 MLD). In this regards STPs of required capacity in Babugarh and Pilakhuwa shall be installed shortly.

**(ix) Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries): Kali River (East)**

## 2.2 Drains joining Ganga and Tributary: -

- (i) Number of drains carrying sewage- sullage or industrial waste water joining Ganga/ tributaries with their Quantity and Quality:

Drain	Domestic/ Industrial/ Mixed	Flow	Quality Discharge Parameters
Kadrabad Drain, Hapur	Mixed	46 MLD	BOD- 44 COD -126 pH – 7.20 TSS - 87 DO - Nil
Chhuiya Drain NH-24 Babugarh, Hapur	Domestic	05 MLD	BOD- 33 COD -92 pH – 7.40 TSS - 100 DO - Nil
Garh Drain near Village Garh, Hapur	Domestic	03 MLD	BOD- 22 COD -48 pH – 7.50 TSS - 55 DO - Nil
Hapur Drain, Hapur	Mixed	27 MLD	BOD- 48 COD -149

			pH – 7.12 TSS - 152 DO - Nil
Hapur city Drain, Hapur	Domestic	05 MLD	BOD- 50 COD -137 pH – 7.16 TSS - 152 DO - Nil
Fuldera Drain near Syana Escape Police Chowki, Hapur	DRY		

- (ii) **Drains joining outside city and town limits but, either joining in village or nearby town:**  
Chhuiya Drain coming from Meerut.
- (iii) **Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs:**

STP	Total Sewage Generation	Treatment of sewage	GAP (in treatment)
Nagar Pallika Parishad, Hapur	30.58	10 MLD	20.58 MLD
Nagar Pallika Parishad, Pilkhuwa,	07	03 MLD	4.0 MLD
Nagar Pallika Parishad, Garhmukteshwar	06	3.5 MLD	0.5 MLD
Nagar Panchayat, Babugarh	0.7	0	0.7 MLD

### **2.3 Septage management (In case of no STP) :-**

- (i) **Status of Septage management (with reference to FSTP/STP):** 32 KLD FSTP installed in Nagar Pallika Parishad, Hapur.
- (ii) **Management of Grey water and its disposal:** Through Septic tank/Sock pit.

### **2.4 Industrial Pollution Control:**

- (i) **Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise):** Details of CETP: -01 CETP of Capacity 2.1 MLD is installed and Operated in Pilkhuwa Textile Center, Hapur. Status of Water Polluting Industries which are established/operated in the catchment area of River Ganga and Kali East:-

<b>SI no</b>	<b>Name of Industry</b>	<b>Address</b>	<b>Treatment facility installed (ETP and PETP/ZLD technology)</b>	<b>Total discharge KLD</b>	<b>Recipient River</b>	<b>Complying /Not Complying</b>
1.	BHARAT TEXTILE MILLS	P85, TEXTILE CENTRE, PILKHUWA, HAPUR, UTTAR PRADESH 245304, HAPUR,245304	PETP installed	16 KLD	East Kali River	Complying
2.	BHAGWATI TEXTILE	B 70 UPSIDC IND. AREA M.G ROAD PHASE 1MASURI, HAPUR	ETP installed	42 KLD	East Kali River	Complying
3.	M/s SIMBHAOLI SUGARS LTD BRIJNATHPUR DISTILLERY	UNIT- BRIJNATHPUR DISTILLERY, VILLAGE BRIJNATHPUR, TEHSIL-HAPUR, DISTT.-HAPUR	ETP installed	ZLD	ZLD	Complying
4.	SIMBHAOLI SUGAR LTD UNIT	BRIJNATHPUR Hapur,HAPUR,	ETP installed	600 KLD	On Land	Complying

	BRIJNATHPUR SUGAR					
5.	JINDAL PIPES LIMITED	JINDAL PIPES LIMITED, 22ND MILES DELHI HAPUR ROAD. P.O. JINDAL NAGAR, DISTRICT HAPUR,	ETP installed	120 KLD	East Kali River	Complying
6.	CTA APPARELS PVT LTD	PLOT NO. P 26 TO P 29, HPDA TEXTILE CENTER YOJNA, PILKHUWA,HAPUR.	PETP installed	220 KLD	East Kali River	Complying
7.	GAURI DRAYERS	P-35, TEXTILE CENTRE PILAKHUWA, HAPUR,	PETP installed	18.0 KLD	East Kali River	Complying
8.	KARTIKEY PROCESSORS	B-8, B-9, UPSIDC Indl Area, M.G.Road, Hapur	ETP installed	60.0 KLD	East Kali River	Complying
9.	S R FASHION	G-169, M.G. Road, Industrial Area, Hapur.	ETP installed	15.0 KLD	East Kali River	Complying
10.	RAC PAPERS LIMITED	KHASRA NO- 420, VILLAGE-BADNAULI MODINAGAR ROAD, HAPUR,	ETP installed	ZLD	East Kali River	Complying
11.	SUPERTEX AND PRINTS CORPORATION	KHASRA NO. 586, PRATAPUR, PILAKHUA, TEHSIL-DHOLANA, HAPUR,	ETP installed	200 KLD	East Kali River	Complying
12.	RAYBAN FOODS PRIVATE LIMITED	Khasara No. 925, 926, 926/1,1083, 1084/2, 1085, 1086, 1159, 1159/2, 1160/1, Rampur Marg, Bulandshahar Road, Hapur 245101,	ETP installed	515 KLD (Total treated effluent will be used in boiler, cooling tower,	On Land	Not Complying

				floor washing, road side sprinkling & kernel technology )		
13.	YES TEX	Khasra No.-244, Front of Choupala Restaurant Behind of Petrol Pumb, NH-24, Delhi Hapur Road, Pilkhuwa, Hapur.	ETP installed	16 KLD	East Kali River	Complying
14.	G S DASS APPARELS PVT LTD	P-41, 42, 43, Textile Center Pilahuwa, Hapur,	PETP installed	22.0 KLD	East Kali River	Complying
15.	SHUBHANANDA TEXTILE MILLS PVT LTD	5/37,5/38, M.G. ROAD UPSIDC industrial area Phase -3, HAPUR,	ETP installed	30 KLD	East Kali River	Complying
16.	SIMBHAOLI SUGARS LTD UNIT SIMBHAOLI SUGAR SIMBHAOLI	SIMBHOALI HAPUR,,	ETP installed	ZLD	ZLD	Complying
17.	SIMBHAOLI SUGARS LTD UNIT SIMBHAOLI DISTILLERY SIMBHAOLI	Village SIMBHAOLI, Hapur,	ETP installed	ZLD	ZLD	Complying
18.	DAIRY CRAFT INDIA PVT LTD	Vill - Bahadurgarh, Tehsil-Gadhmukteshwar, Hapur.	ETP installed	45.0 KLD	East Kali River	Complying

19.	MOTHER DAIRY FRUIT AND VEGITABLE PVT LTD PILKHUWA	mother dairy fruit and vegetable pvt. ltd, 18 KM stone, Ghaziabad-Hapur Road, Pilkhuwa, Hapur (U.P.O-245304,HAPUR,245304	ETP installed	1160 KLD	East Kali River	Complying
20.	Moon Beverages Ltd Old Name HINDUSTAN COCA COLA BEVERAGES PVT LTD	5th Km Milestone Masuri-Gulawati Road Industrial area Tehsil Dhaulana Distt Hapur,HAPUR,201015	ETP installed	1900KLD	-	Complying
21.	RIYA PROCESSORS	PLOT NO. P-57, TEXTILE CENTRE, PILKHUWA, DISTT. HAPUR (U.P.)	PETP installed	9.0 KLD	East Kali River	Complying
22.	TIRUPATI DYEING AND PRINTING MILLS	G-581 TO 588, UPSIDC, INDUSTRIAL AREA, M.G. ROAD HAPUR,HAPUR,245101	PETP installed	35 KLD	East Kali River	Complying
23.	RKB TOWEL MANUFACTURING COMPANY LIMITED	VILLAGE- PARSAUN, NEAR 34TH KM STONE, NH-9, POST- JINDAL NAGAR, DISTRICT-HAPUR,HAPUR,201313	ETP installed	400 KLD	East Kali River	Complying
24.	BIVO GARMENTS	P-89, TEXTILE CENTRE YOJNA PILKHUA, HAPUR INDUSTRIAL AREA,HAPUR,245101	PETP installed	27.0 KLD	East Kali River	Complying
25.	GIRDHAR PROCESSOR	G-111, PHASE-1, M.G. ROAD INDUSTRIAL AREA, HAPUR.,HAPUR,245101	ETP installed	28 KLD	East Kali River	Complying
26.	VED CELLULOSE LTD	Khasara No- 231-232, Village - Lakhan , Hapur Road , NH-24 , Hapur,HAPUR,245101	ETP installed	ZLD	ZLD	Complying

27.	GOPALJEE DAIRY FOODS PVT LTD PILKHUWA	GOPALJEE DAIRY FOODS PVT. LTD. KHERPUR KHERABAD, PILKHUWA, HAPUR,UTTARPRADESH,HAPUR,2453 04	ETP installed	900 KLD(in which 500KLD is Recycled)	East Kali River	Complying
28.	M/s RRC REDROZE THREAD PVT LTD	P-17-18-19, Textile Centre, Pilakhua, Hapur,GHAZIABAD	PETP installed	6 KLD	East Kali River	Complying
29.	M/s GULMOHUR TEXTILE	P-105, Textile Centre, Pilukhua, Hapur	PETP installed	19.0 KLD	East Kali River	Complying
30.	M/s M A TRADERS BROS	P-51, P- 52 TEXTILE CENTER, PILKHUWA, TEHSIL DHAULANA, DISTT. HAPUR	PETP installed	36.0 KLD	East Kali River	Complying
31.	M/s SARASWATI THREAD MILLS	P - 55, TEXTILE CENTRE, PILAKHUWA, HAPUR	PETP installed	43.0 KLD	East Kali River	Complying
32.	M/s M A TRADERS BROS	P-46, Industrial Area, Textile Centre, Pilakhuwa, Distt-Hapur	PETP installed	20.0 KLD	East Kali River	Complying
33.	M/s PRATEAK MITTAL	W-32, TEXTILE CENTER PILAKHWA HAPUR	PETP installed	20.0 KLD	East Kali River	Not Complying
34.	M/s R R KNITFAB	P 66, Textile Center, Pillakhuwa, Hapur,	PETP installed	32.0 KLD	East Kali River	Complying
35.	M/s SS Creation	W-26, Textile Center, Pilkhuwa, HAPUR	PETP installed	18.0 KLD	East Kali River	Complying
36.	M/s PILKHUWA WATER PROOFING CO PVT LTD	PO Jindal Nagar Vill Parson, hapur	PETP installed	4.5 KLD	East Kali River	Complying

**3 Water quality status: -**

River/Tributary	Sampling Point	DO	BOD	FS	FC
Ganga	Down Stream	12.10	1.60	280	130
	Up Stream	11.80	1.70	350	170
Kali (East)	NH-24 (Up Stream)	0.0	45.0	3200000	2200000
	Jhandamusarafpur (Down Stream)	0.0	44.0	2600000	1700000

4- **Notification of Flood Plain Zones:** A notice under section 61-B of Indian Forest Act 1927 has been issued to the concerned person for removal of encroachment. The proper action is under process with the help of Forest Department, Police Department and District Administration, Hapur.

a) Notification of Ecological flow	Notification issued by Government of India dated 09.10.2018 for ecological flow of Ganga River maintain as below:-			
	Sl. No.	Location of Barrage	Minimum flow downstream near the barrage (In Cumec) (Oct. to May)	Minimum flow releasing downstream near the barrage (In Cumec) (June to Sept.)
	1	Bheem Gauda (Haridwar)	36	57
	2	Bijnor	24	48
(b) Steps taken for maintaining Ecological flow/ status of compliance of the E-flow notifications	B - In the Compliance of E-flow notification by Northern Division Ganga Canal (NDGC) Roorkee at Bheem Goda Barrage Haridwar U.K. in daily Gauge register.			
	36 Cumec water release from Bheem Goda Barrage Haridwar U.K. 24 Cumec water release from Madya Ganga Barrage Bijnor U.P.			

**Disclaimers:**

The final report is compiled by District Ganga Committee, Hapur. All the necessary information provided by the concerned Departments are given in the prescribed format.



(Vikas Mishra)  
Regional Officer,  
U.P. Pollution Control Board,  
Ghaziabad.



(Sanjay Kumar Mall)  
District Forest Officer  
Hapur.



(Prerna Sharma)  
District Magistrate  
Hapur.

## **Best practices**

1. Best practices adopted for Prevention and Control of Water Pollution:
  - a. For 24x7 surveillance of continuous operation of Effluent Treatment Plants in major water polluting industries CCTV Cammeras and OCEMS, whose servers are linked to the Central Pollution Control Room and Uttar Pradesh Pollution control Room.
  - b. Both Pulp & Paper are operating on the Zero Liquid Discharge method.
  - c. At present, both distillery units in Hapur are operating the Zero liquid discharge method.
  - d. All sugar industries have achieved 100% utilization of treated water in Recycling in process/For use in Irrigation on agricultural land.





30232



93

Submitted in Compliance of  
**HON'BLE NATIONAL GREEN TRIBUNAL**

Order Date 24 January 2024

&

Submitted by

**DISTRICT GANGA COMMITTEE**

**BIJNOR (UTTAR PRADESH)**

Drain (city/town/	Total flow of drain per day	PH	BO D (mg /l)	CO D (m g/l)	TSS (mg/ l)	TD S (m g/l)	Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc)	DO (mg /l)	TC (MPN /100 ml)	FC (MPN/ 100 ml)	Outlet flow (geo coordinat es)	Colour/ odour (hazen)	Discharged Into
Nasiya /Nohra drain, Near Village- Fajalabad, Tehsil Kanth, Dist- Moradabad	6.66 MLD	8.0	2.2	48	64	23 0	Fe-3.31, pb- ND, T.Cr- 5.64, Ni- ND, Cu-1.5	6.8	940	700	29.104311, 78.647959	30	River Ramganga
Ekra Nala, Dhampur, Bijnor	7.16 MLD	7.10	80	248	136	32 2	Fe-4.51, pb- ND, T.Cr- 3.41, Ni- ND, Cu-1.4	0	790	460	29.277271, 78.499702	Slightly grey	Karula/ Gagan River
Drain (city/town/	Total flow of drain per day	PH	BO D (mg /l)	CO D (m g/l)	TSS (mg/ l)	TD S (m g/l)	Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc)	DO (mg /l)	TC (MPN /100 ml)	FC (MPN/ 100 ml)	Outlet flow (geo coordinat es)	Colour/ odour (hazen)	Discharged Into

NearTella Temple Mohalla.Santomallan Najibabad, District-Bijnor.	0.532 MLD	7.3	80	360	112	516	Fe-3.31, pb-ND, T.Cr-2.58, Ni-ND, Cu-2.0	0	1100	700	29.017827, 78.336452	greyish	Malan River
Near Ramleela Ground Moh. Pahadibagh Najibabad, District-Bijnor. (Bar mesh installed at outlet of Drain)	2.774 MLD	7.12	90	376	120	580	Fe-0.84, pb-ND, T.Cr-2.23, Ni-ND, Cu-0.95	0	1300	700	29.618879, 78.337866	greyish	Malan River
Drain (city/town/	Total flow of drain per day	PH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TD S (mg/l)	Heavy metals (Fe, Cr, Pb, Ar, Mn, Cu, Zn, Hg, Fluoride etc)	DO (mg/l)	TC (MPN/100 ml)	FC (MPN/100 ml)	Outlet flow (geocoordinates)	Colour/ odour (hazen)	Discharged Into
Abbu colony Drain near Abbu Colony Rampura,	0.96 MLD	7.2	70	352	108	482	Fe-4.0, pb-ND, T.Cr-2.11, Ni-ND, Cu-1.8	0	940	490	29.616295, 78.334100	greyish	Malan River

Najibabad, District- Bijnor.													
H.M.H Hospital Drain moh.- Rampura drain, Najibabad, District- Bijnor.	0.257 MLD	7.48	90	368	116	53 6	Fe-4.51 , pb- ND, T.Cr- 2.23, Ni- ND, Cu-1.6	0	1100	700	29.616850 3, 78.331859 0	greyish	Malan River

## I. Sewage

## II STP

Existing STP (location & capacity)	Capacity (operation al)	Inlet/ water quality & outlet quantity	Number of tapped drains (quantity of discharge)	GAP (in treatment)	Final discharge point	Proposed/ under construction STP With completion date
24 MLD STP, Village- khedki, Hemraj colony, Bijnor	Approx. 22 MLD	BOD -10 mg/l COD-40 mg/l TSS-25 TC-1100 mpn/100 ml FC-110 mpn/100 ml	17 tapped drains with in city (22 MLD)	0	Agriculture land/ Hemraj drain/ River Ganga	Proposed STP's Details Below

S.No.	Name Of ULB	Proposed STP(MLD)
1.	Haldaur	1.90

2.	Dhampur	5.0
3.	Sherkot	6.5
4.	Shehora	5.0
5.	Afjalgarh	2.90
6.	Nehtaur	4.70
7.	Nagina	10.0
8.	Najibabad	9.0
9.	Kiratpur	6.5
10.	Chandpur	8.5
11.	Noorpur	4.50
12.	Jhalu	2.0
13.	Mandawar	2.0
14.	Badhapur	2.40
15.	Sahaspur	2.50
16.	Jalalabad	2.0
17.	Sahanpur	2.50

**III. HOTELS/ ASHRAMS**

S.no.	Name of Hotels/ Ashrams /dharmshalas	Consent to establish/operate	STP	Discharge point Geocode/sampling point	Action taken
1	M/s Vyanjan Vatika, Bairaj Road, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
2	M/s Waliya Residency Pvt. Ltd. Kotwali road, Najibabad, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
3	M/s Sathi Lunch, Near Samrat Cinema hal, Najibabad, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
4	M/s Hotel Indralok, Near Gas Agency, Najibabad, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
5	M/s Invitation Hall, Near Malan Nadi, Najibabad, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
6	M/s Eurasia Palace Hotels & Banquets Pvt. Ltd., Eurasia Palace, Nagina Chowk, Dhampur, Bijnor	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
7	M/s Shiv Vatika, Near Ranibag Choki, Dhampur, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
8	M/s Panchwati, Jalilpur road, Chandpur, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
9	M/s Paras Hotel, Chandpur, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
10	M/s Natraj Hotel, Chandpur, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
11	M/s Rajputana Hotel, kalagarh road, Dhampur, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
12	M/s Pearl Residency, Dhampur, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
13	M/s Royal Castle, Chhakkar road, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
14	M/s Rohit Hotel, Civil line, Bijnor	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
15	M/s Aishwarya Hotel, Shakti chowk, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent

16	M/s Khana Hotel, Bairaj road, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
17	M/s Hotel Ganga, Near guest House, civil line-II, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent
18	M/s Hotel Rajat Residency, Station road, Bijnor.	NO	Not Installed	Through Septic tank or Soakpits	Notice sent

#### IV. Industrial Effluent discharge

S.No.	Total number of Industries	Daily effluent discharge	Treatment available (cetp/ petp/ etp operational capacity)	Effluent quality analysis (outlet of treatment plants Geo code sampling point)	GAP	Proposed/ under construction treatment project (with timeline)	Number of defaulting units- Action taken	Industrial solid waste generated/ day	Manner of disposal (Industrial solid waste)
1	Bajaj Hindustan sugar ltd., Bilai, bijnor	1500	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
2	Dhampur Sugar Mills Ltd. Dhampur Distt. Bijnor (U.P.)	2800	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
3	Dwarikesh Sugar Industries Ltd. Sugar	1300	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization	For the scientific disposal of Haz. Waste

	Unit, Dwarikesh Nagar, Bundki, Distt. Bijnor							granted by uppcb	agreement with TSDF being made
4	Dwarikesh Sugar Industries Ltd. Dwarikesh Puram Afzalgarh, DistrictBijnor	1500	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
5	The Kisan Sahkari Chini Mills Ltd., Sneh Road, Najibabad, Distt. Bijnor	600	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
6	Wave Industries Pvt. Ltd. VillageRasidp ur Gari, UnitBijnor.	600	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
7	P.B.S Foods, (Sugar) Pvt. Ltd, Chandpur, Distt. Bijnor.	900	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
8	Avadh Sugar & Energy Ltd, Sugar Unit,	2600	ETP operational	As per Norms	Adequate Capacity	Nil	-	Haz. Waste generated as per the	For the scientific disposal of

	Seohara, Distt. Bijnor				ETP installed			authorization granted by uppcb	Haz. Waste agreement with TSDF being made
9	Uttam Sugar Mills Ltd., unit - Barkatpur, Tehsil - Najibabad, Dist. Bijnor	1700	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
10	The Kisan Sahkari Chini Mills Ltd, (Distillery Unit), VillJasvantpu r, Sneh Road, Najibabad, Distt. Bijnor	ZLD	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
11	Dhampur Sugar Mills Ltd. ( Unit distillery), Dhampur Distt. Bijnor (U.P.)	ZLD	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
12	Dwarikesh Sugar Industries Ltd, (Distillery Unit), UnitDwarikes h Nagar P.OBundki,	ZLD	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made

	TehsilNagina, DisttBijnor								
13	Jain Distillery, 8th Km, Stone, Nagina road, Bijnor	ZLD	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
14	Mohit Petro Chemicals Pvt. Ltd, 9th Km. stone, Nagina road, Bijnor	ZLD	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
15	Uttam Sugar Mills Ltd ,(Distillery Unit), Vill. Barkatpur, Najibabad, Distt.- Bijnor	ZLD	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
16	Avadh Sugar & Energy Ltd, Distillery Unit, Seohara, Distt. Bijnor	ZLD	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
17	Chandpur Enterprises Ltd. (Paper Division), Noorpur Road,	800	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made

	Chandpur, Bijnor.								
18	Mohit Paper Mills Pvt Ltd. Nagina Road, Bijnor.	3056	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
19	Rama paper Mills Ltd, Kiratpur, Bijnor	2040	ETP operational	As per Norms	Adequate Capacity ETP installed	Nil	-	Haz. Waste generated as per the authorization granted by uppcb	For the scientific disposal of Haz. Waste agreement with TSDF being made
20	Shree Badri Kedar papers Pvt. LTD. Najibabad, Bijnor	-	-	-	-	-	-	-	Self Closed since 2019
21	Omar International Village Yakubpur, Sahaspur, Dhampur, Bijnor.	-	-	-	-	-	-	-	Closed since 2018

#### V. Regulation of Flood Plain Zone:

Area- cities/ towns	Notification of flood plain zone	Demarcation		Encroachment & direct discharge Geo Code/Sampling point	Encroachment removal status	Timeline for completion
	164/2020/2031//20-27-fl 0&4&07	No development zone pillars	Regulatory zone pillars			
Bijnor left bank of Ganga River		487	519		Not Pertain	N.A

**VII.AFFORESTATION/ PLANTATION**

<b>Total plantation (No. of plants planted)</b>	<b>Year</b>
6593969	2022-23
7549845	2023-24
6827326	2024-25 {Proposed in current year}

Geo tagged Locations attached

वृक्षारोपण जन आन्दोलन-2023-(जियोटैग स्थल) as on 01-02-2024 11:37:25

क्र-सं	विभाग का नाम	कुल वृक्षारोपण स्थलों की संख्या	कुल जियोटैग स्थल	% स्थल (वृक्षारोपण स्थलों के सापेक्ष)	कुल रोपित (पौध संख्या)	जियोटैग स्थल पर पौधों की संख्या	जियोटैग % (रोपित के सापेक्ष)
1	2	3	4	5	6	7	8
1	आवास विकास विभाग	0	0	0.00	0	0	0.00
2	औद्योगिक विकास विभाग	0	0	0.00	0	0	0.00
3	सिंचाई विभाग	0	0	0.00	0	0	0.00
4	रेलवे विभाग	5	0	0.00	18000	0	0.00
5	रक्षा विभाग	0	0	0.00	0	0	0.00
6	व्यावसायिक शिक्षा	0	0	0.00	400	0	0.00
7	चिकित्सा शिक्षा	0	0	0.00	2000	0	0.00
8	दुग्ध विकास	0	0	0.00	200	0	0.00
9	पिछड़ा वर्ग कल्याण	0	0	0.00	150	0	0.00
10	महिला एवं बालविकास	0	0	0.00	100	0	0.00
11	होमगार्ड नागरिक सुरक्षा और राजनैतिक पेशन	0	0	0.00	1350	0	0.00
12	खाद्य एवं रसद	10	2	20.00	450	67	14.89
13	उच्च शिक्षा	80	25	31.25	25000	4419	17.68
14	जल शक्ति विभाग	212	17	8.02	16000	5780	36.13
15	ऊर्जा विभाग	88	23	26.14	8120	4033	49.67
16	बेसिक शिक्षा	779	1115	143.13	25000	14845	59.38
17	खाद्य सुरक्षा एवं औषधि प्रसाधन	0	4	0.00	500	300	60.00
18	दिव्यांग जन सशक्तिकरण	0	2	0.00	300	200	66.67
19	युवा कल्याण	0	42	0.00	2250	1747	77.64
20	सहकारिता विभाग	94	109	115.96	11200	8869	79.19
21	गृह विभाग	23	23	100.00	7270	5967	82.08
22	पंचायतीराज विभाग	1751	459	26.21	256000	215013	83.99
23	स्वास्थ्य विभाग	361	634	175.62	15000	14117	94.11
24	कृषि विभाग	482	622	129.05	502000	484451	96.50
25	लघु सिंचाई एवं भूगर्भ जल	0	2	0.00	155	155	100.00
26	माध्यमिक शिक्षा	366	262	71.58	20000	20298	101.49
27	पशुपालन विभाग	73	61	83.56	10000	10297	102.97
28	राजस्व विभाग	878	774	88.15	211000	219571	104.06
29	ग्राम्य विकास विभाग	3406	2038	59.84	2524000	2635672	104.42
30	परिवहन विभाग	9	9	100.00	2200	2300	104.55
31	उद्यान विभाग	95	105	110.53	311000	328610	105.66
32	उद्योग विभाग	14	3	21.43	9400	10000	106.38
33	नगर विकास विभाग	49	129	263.27	35000	38276	109.36

	2017	2018	2019	2020	2021	2022
34	107	287	257	400	300	310
35	0	11	0	0	0	11
36	0	18	0	0	0	18
37	0	0	100	200	200	200
38	13	22	189	700	970	1000
39	4	11	275	270	400	270
40	0	0	0	0	0	0
41	31	121	300	1000	1000	1000
42	<b>8938</b>	<b>8952</b>	<b>77.81</b>	<b>4377749</b>	<b>4473214</b>	<b>492.18</b>

### IX. Mining:

a.

Area of mining	FIR/ case registered/ year	Vehicles/ mineral seized	Action taken status	Cases pending in Court	Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016
No Sand Mining in Bijnor					

**Compliance of Hon'ble NGT order**

**Dt 24-01-2024**

**In**

**O.A. 200/2014 MC Mehta Vs UOI**

**and Ors**

**District Bijnor**

**Sewage management**

(i) District Bijnor- Total Sewage generation- 110.34 MLD

S. No.	Name of ULB	Sewage Generation (MLD)
1.	Bijnor	22
2.	Haldaur	2.77
3.	Dhampur	6.77
4.	Sherkot	7.85
5.	Shehora	6.66
6.	Afjalgarh	3.94
7.	Nehtaur	6.25
8.	Nagina	12.91
9.	Najibabad	12.16
10.	Kiratpur	6.94
11.	Chandpur	4.93
12.	Noorpur	4.89

13.	Jhalu	2.27
14.	Mandawar	1.47
15.	Badhapur	2.45
16.	Sahaspur	2.97
17.	Jalalabad	2.78
18.	Sahanpur	0.33

**(ii) Existing Sewage Treatment Capacities**

24 MLD STP, Village Khedki, Bijnor

**Proposed STP's**

S.No.	Name Of ULB	Proposed STP(MLD)
1.	Haldaur	1.90
2.	Dhampur	5.0
3.	Sherkot	6.5
4.	Shehora	5.0
5.	Afjalgarh	2.90
6.	Nehtaur	4.70
7.	Nagina	10.0
8.	Najibabad	9.0
9.	Kiratpur	6.5

10.	Chandpur	8.5
11.	Noorpur	4.50
12.	Jhalu	2.0
13.	Mandawar	2.0
14.	Badhapur	2.40
15.	Sahaspur	2.50
16.	Jalalabad	2.0
17.	Sahanpur	2.50

**(iii) Quantity of Sewage being treated (Utilization capacity)**

At present 24 MLD STP is functional at rate of 22 MLD  
 Gap ( Untreated Sewage at present)- 86.34 MLD

**(iv) Performance Of STP particularly for FC**

STP	Tecnology	Operation al Status	Capacity (Operati onal)	Inlet/Outlet water quality & quantity	Number of tapped drains(quantity of discharge)	GAP (in treatme nt)	Final discharge point Geo code/sampl ing point	Proposed under constrution STP with completion date
-----	-----------	---------------------	-------------------------	---------------------------------------	--	---------------------	--	---

24 ML D, Vill age Khe dki He mra j, Bijn or	UASB	Operation al	22 MLD	BOD-250/30 mg/l TSS-500/50 mg/l FC- 1000MPN/100 ml	17	0	29.376681 78.084267	Proposed STP's are as below
--	------	-----------------	--------	--	----	---	------------------------	--------------------------------

### Proposed STP's

S.No.	Name Of ULB	Proposed STP(MLD)
1.	Haldaur	1.90
2.	Dhampur	5.0
3.	Sherkot	6.5
4.	Shehora	5.0
5.	Afjalgarh	2.90
6.	Nehtaur	4.70
7.	Nagina	10.0
8.	Najibabad	9.0

9.	Kiratpur	6.5
10.	Chandpur	8.5
11.	Noorpur	4.50
12.	Jhalu	2.0
13.	Mandawar	2.0
14.	Badhapur	2.40
15.	Sahaspur	2.50
16.	Jalalabad	2.0
17.	Sahanpur	2.50

**(v) Where treated sewage is being discharged(To ganga or tributaries)-**

Total sewage generated is being discharged to river Ganga, River Malan, River Ramganga and River Gagan

**(vi) Reasons for under utilization of STP's (Connectivity of Households/laying of sewer lines)**

STP	Operational Status	STP capacity utilization	Reason for under utilization
24 MLD, Village Khedki Hemraj, Bijnor	Operational	90%	—

**(vii) Current Gap in sewage treatment**

Total Sewage Generation- 110.34 MLD

Sewage treatment at present- 24 MLD

Gap- 86.34 MLD

STP	Tecnology	Operation al Status	Capacity (Operati onal)	Inlet/Outlet water quality & quantity	Number of tapped drains(quantit y of discharge)	GAP (in treatme nt)	Final discharge point Geo code/sampl ing point	Proposed under constrution STP with completion date
24 MLD, Village Khedki Hemraj, Bijnor	UASB	Operation al	22 MLD	BOD-250/30 mg/l TSS-500/50 mg/l FC- 1000MPN/100 ml	17	0	29.376681 78.084267	Proposed STP's are as below

**(viii) Time Bound for bridging the gap and tying up with financial arrangement and not delaying tendering and identifying executing agencies or having any other issues**

17 proposed STP's at 17 ULB's are yet to be installed.

**(ix) Where untreated sewage(when there is no STP) is discharged(Ganga/Tributaries)**

With the installation of 17 proposed STP. There shall be no gap in the treatment of sewage.

## **2.2 Drains Joining Ganga And Tributary**

**(i) number of drains carrying sewage-sullage or industrial waste joining Ganga/tributaries with their quantity and quality.**

S.No.	Drain	Domestic/Industrial/Mixed	Flow(MLD)	Quality Discharge Parameters
1	Hemraj Drain Bijnor	Domestic	22 MLD	pH=7.84 BOD=2.4 COD=64 TSS=58 TDS=224
2	Nasiya/Nohra drain , seohara dhampur	Domestic	6.66 MLD	pH=8.0 BOD=2.2 COD=48

				TSS=64 TDS=230
3	Ekra nalla, Dhampur	Domestic	7.16 MLD	pH=7.10 BOD=80 COD=248 TSS=136 TDS=322
4	Near Tella Temple ,najibabad	Domestic	0.5 MLD	pH=7.3 BOD=80 COD=360 TSS=112 TDS=516
5	Ramleela ground, najibabad	Domestic	2.77 MLD	pH=7.12 BOD=90 COD=376 TSS=120 TDS=580
6	Abbu colony, najibabad	Domestic	0.9 MLD	pH=7.2 BOD=70 COD=352 TSS=108 TDS=482
7	Near H.M.H. Hospital Drain, Najibabad	Domestic	0.25 MLD	pH=7.48 BOD=90 COD=368 TSS=116

				TDS=536
8	Chhoiyan Drain, Bijnor	Mixed	3 MLD	pH=7.9 BOD=4.0 COD=80 TSS=69 TDS=317

**(ii) Drains Joining outside city and town limits but, either joining in village or nearby town**

As per the Above Table

**(iii) Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STP's**

Already One 24 MLD STP in Bijnor city is operational . The Proposed 17 STP's as various ULB's . After installation of 17 STP's there will be no gap in Sewage management.

**2.3 Septage Management(in case of no STP)**

**(i) Status of Status management (with reference to FSTP/STP)**

Till date no proposal in effect.

**Water Quality Status**

S.NO		
1.	Provide water quality status of Ganga and its tributaries in the District and city/ town in terms of its fitness for Bathing water quality that is, FC and FS:	As below

River/Tributaries	DO (mg/l)	BOD (mg/l)	TC MPN/100 ml	FC MPN/100 ml
Gagan	8.70	1.5	1300	700
Ganga	9.20	1	1400	470
Malan	8.80	1.2	1300	470
Ramganga	8.7	1.3	1300	490

Fit For Outdoor Bathing

**Notification of Flood Plain Zones**

164/2020/2031/20-27-सि०-4-07(एन०जी०टी०)/16 टी०सी० दि० 04.09.2020 U.P. Govt.

**Issues Relating to Environmental Flow**

7537 क्यूसैक

*[Handwritten Signature]*  
01/02/2024.

**Divisional Director**  
**Social Forestry Division**  
**Bijnor**

*[Handwritten Signature]*  
01.02.24  
**Chief Development Officer**  
**Bijnor**

*[Handwritten Signature]*  
01/2/24.

**District Magistrate**  
**Bijnor**

## **BEST PRACTICES**

The main economy of district Bijnor is sugarcane production apart from some agro-industrial units. Sherkot is famous for its brush business whereas the Nagina area of the district is famous for handicraft work.

### 1. Brush Business (Sherkot) :

Sherkot town in Dhampur assembly constituency of Bijnor district in western Uttar Pradesh is called the 'Brush City' of India. The major and minor industries of the city include only painting and drawing brushes and work related to this is done in almost every household of the city. Barring some individual small farming, brushwork is the main means of earning livelihood for the people of the city. Sherkot town has about 600 small cottage industry units that produce an estimated 70 percent of the painting and drawing brushes in India.

They employ 25,000 to 30,000 people in and around the municipality city. This small cottage industry is mainly unorganized. Most Indian brushes are produced in Sherkot, Uttar Pradesh (also known as the 'Brush Capital of India'), and the supply chain extends to Rajasthan, Kerala, Karnataka, Maharashtra, Tamil Nadu, Uttarakhand, and West Bengal etc.

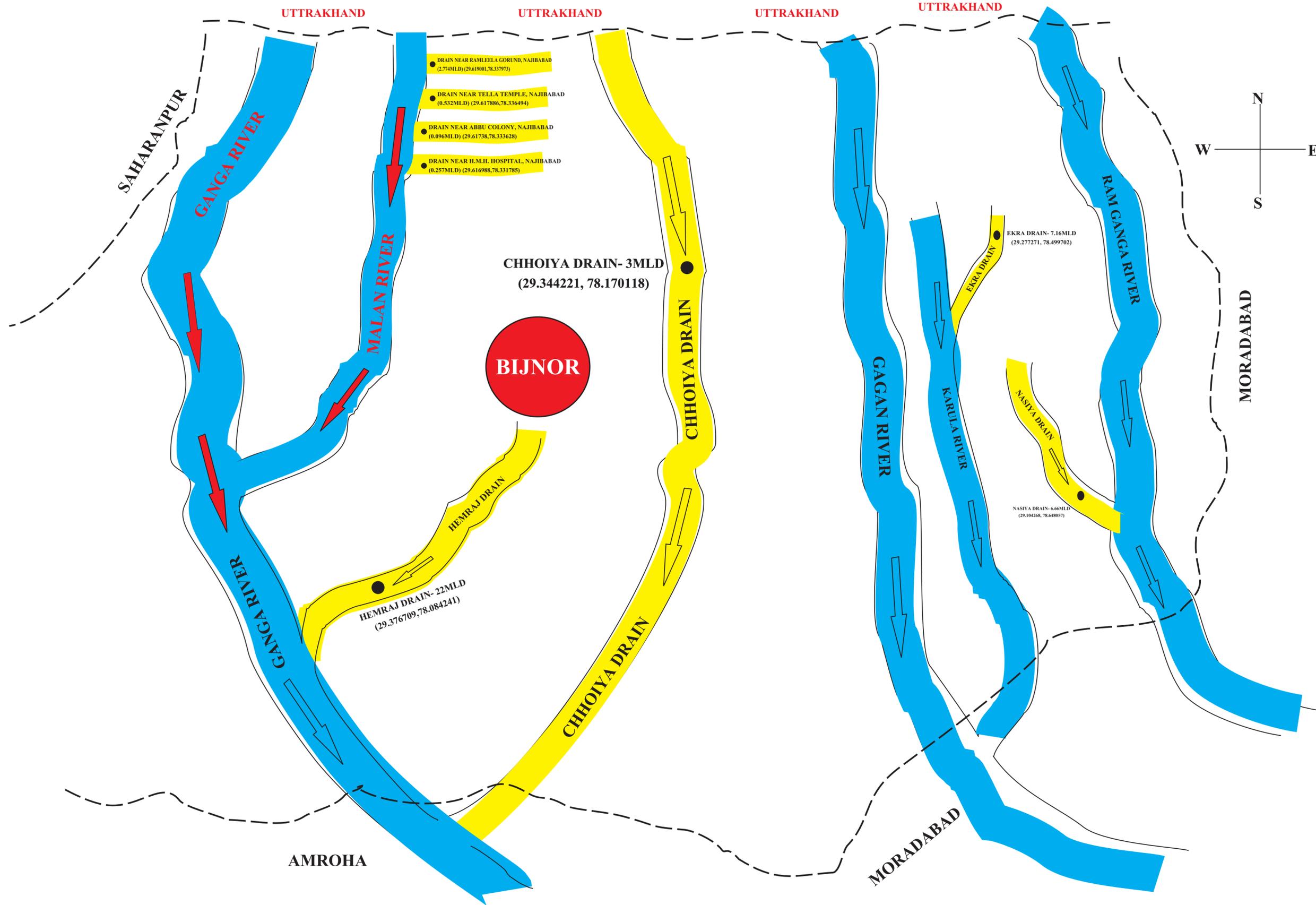
### 2. Handicraft Work :

Nagina tehsil has been famous for handloom work since ancient times, out of which wood carving work is mainly famous. Also, volunteers and women make baskets, mats, etc. from the grass found on the banks of the Ganga, which provides employment to women and besides strengthening the economy, it is also helpful in environmental protection.

### 3. Special cultural and religious connections to rivers :

The fair begins with taking a holy dip in the River Ganga on the full moon day of Kartik Purnima (October- November). The festival begins ten days before the start of Kartik Purnima, during which traders can sell /sell goods. Bring some excellent breeds of cattle from all over India for purchase. On or after Kartik Purnima, various cultural programs are organized.

DISTT. BIJNOR





**Report in  
Compliance of Hon'ble NGT order  
Dt 24.1.2024  
O.A 200/2014 MC Mehta Vs UOI and Ors**



**Report Submitted By-  
DISTRICT GANGA COMMITTEE**

**DISTRICT AMROHA**

## 1. Sewage

Drain (city/town/	Total flow of drain per day	PH	BO D (mg /l)	CO D (m g/l )	TS S (m g/l )	TDS (mg /l)	Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc)	DO (mg/l )	TC (MPN /100 ml)	FC (MPN/ 100 ml)	Outlet flow (geo coordinat es)	Colour/ odour (hazen)	Discharged Into
Chhoiya drain Near meeting River Ganga, RasoolpurB Havar(Sample date-06.10.23	3 MLD	7.59	2.2	32	65	243	<b>Fe-0.89, Pb-ND, T.Cr-0.35, Ni-ND, Cu- 1.5 Sample date- 06.10.23</b>	7.9	790	360	29.069167, 78.076667	10(Haz)	River Ganga
<b>Bagad Drain Near NH-24, Bridge Gajraula, Amroha</b>  (Sample Date- 06.10.2023	3.5 MLD	7.64	10	96	84	368	<b>Fe-2.31, Pb-ND, T.Cr-1.7, Ni-ND,Cu- 1.2 Sample date- 06.10.23</b>	4.0	940	490	<b>28.806171, 78.217797</b>	20(Haz)	River Ganga

**STP**

Existing STP (location & capacity)	Capacity (operational)	Inlet/ water quantity	Outlet quality & quantity	Number of drains (quantity of discharge)	GAP (in treatment)	Final discharge point	Proposed/ under construction STP With completion date
NO STP IN DISTRICT AMROHA	-	-	-	-	-	-	STP Proposed at Nagar Palika Gajraula Capacity-6.5 MLD

**II. HOTELS/ ASHRAMS**

Number of Hotels/ ashrams/ dharamshalas	STP	Discharge point	Action taken
9	Collection Tank, Settling Tank, Septic Tank	Municipal Drain/Road side Drain	04 Notice sent

## a. DETAILS OF THE HOTEL

Sl. No.	Hotel Name
1	M/s Vasant Hotel, NH-24, Delhi-Moradabad road, Gajraula, Amroha.
2	M/s Swagat Hotel, NH-24, Delhi-Moradabad road, Gajraula, Amroha.
3	M/s Sumaglum Hotel, Joya road, Amroha.
4	M/s Hotel Regal-77, Naugava Sadat road, Amroha.
5	M/s Hotel Haveli (Ex Name Meriton Hotel), NH-24, Delhi-Moradabad road, Gajraula, Amroha.
6	M/s Abhinandan Hotel, Atrasi road, Amroha.
7	M/s Amro palace, kanth road, Amroha.
8	M/s Parth hotel, T.P. Nagar, Amroha.
9	M/s Highway resort, Gajraula, Amroha.

## IV. Industrial Effluent discharge

Total number of Industries	Daily effluent discharge	Treatment available (cetp/ petp/ etp operational capacity)	Effluent quality analysis (outlet of treatment plants Geo code sampling point)	GAP	Proposed/ under construction treatment project (with timeline)	Number of defaulting units- Action taken	Industrial solid waste generated/ day	Manner of disposal (Industrial solid waste)
13	5347 KLD	ETP installed in each Industry Separately of Adequate	As per schedule monitoring and analysis done by Regional Office UPPCB, Bijnor	0	-	-	752.29	Through TSDF

		Capacity						
--	--	----------	--	--	--	--	--	--

**a. Status of Grossly Polluting Industries**

S.N.	Name and Address	Sector	Production Capacity	Status of ETP	Discharge	Discharge Point	intermediate / Final Discharge Point	Compliance Status/ Action taken in case default
1	Wave Industries Pvt. Ltd, Vill-Malaysia Po-Mandi Dhanaura, Distt-Amroha	Sugar	Cane crushing capacity-10500 TCD and 30MW co-generation power plant	Installed	2100 KLD	Treated effluent used for Irrigation /used in distillery unit	On land/ used in distillery unit	Complied Sample date-13.12.23 pH-7.9 BOD-28 mg/l COD-176 mg/l TDS-940 mg/l TSS-28 mg/l
2	Triveni Engineering & Industries Ltd. Chandanpur, Hasanpur, Distt. Amroha	Sugar	Cane crushing capacity-6000 TCD	Installed	1200 KLD	Treated effluent used for Irrigation	On land	Complied Sample date-05.12.23 pH-7.85 BOD-28 mg/l COD-192 mg/l TDS-640 mg/l TSS-28 mg/l
3	Kisan Sahkari Chini Mills Ltd, Hasanpur, Distt. Amroha	Sugar	Cane crushing capacity-2500 TCD	Installed	500 KLD	Treated effluent used for Irrigation	On land	Complied Sample date-14.12.22 pH-7.94 BOD-26 mg/l COD-176 mg/l TDS-768 mg/l TSS-27 mg/l

4	Jubilant Ingrevia Limited (Distillery Unit) Bhartiagram, Gajraula District- Amroha,	Distillery	183 KLD Alcohol production in non-monsoon season and 133 KLD at monsoon season	Installed	Spent wash 1460 KLD	Incinerated in incineration boiler/Bio composting, ZLD	ZLD	Complied
5	Wave Industries Pvt. Ltd, (Distillery Unit) Vill-Malaysia Musallepur, Po-Mandi Dhanaura, Distt-Amroha	Distillery	140 KLD Ethanol Production by using B- Heavy Mollasses / sugar syrup & 7 MW co-generation power and production of Ethyl Alcohol-100 KLD by using C- Heavy Mollasses.	Installed	Spent wash 800 KLD	Incinerated in incineration boiler, ZLD	ZLD	Complied
6	Coral News Prints Ltd. Gajraula, Amroha.	Paper	News print paper 20 MT/day	Installed	400 KLD	Treated effluent recycled in process/used for irrigation	On land	Complied Sample date-18.07.23 pH-7.98 BOD-26 mg/l COD-192 mg/l TDS-504 mg/l TSS-28 mg/l
7	Kamakshi Papers Pvt. Ltd., Gajraula, Distt. Amroha	Paper	News print , writing printing and Kraft Paper 60 MT/day	Installed	585 KLD	Treated effluent recycled in process/used for irrigation	On land	Complied Sample date-03.11.23 pH-7.83 BOD-24 mg/l COD-152 mg/l TDS-512 mg/l TSS-25 mg/l
8	JUBILANT INGREVIA LIMITED (CHEMICAL UNIT 1) Bhartiagram, Gajraula District- Amroha.	Chemical Unit	Acetaldehyde 20550 MT/Month, Acetic Acid & derivatives 16004.2 MT/Month, Acetic Anhydride 3250 MT/Month, Ethyl/butyl Acetate 7452.1 MT/Month, Formaldehyde 19912.5 MT/Month, Diketene Ester Derivatives 500 MT/Month, Diketene Amide Derivative 333.3 MT/Month, Diketene Arylide derivatives 500 MT/Month, Other Ketene & Diketene Derivatives 166.7 MT/Month.	Installed	590 KLD	Treated effluent reused in process/ used for horticulture	ZLD	Complied
9	Jubilant Ingrevia Limited (Chemical Unit II) Bhartiagram, Gajraula, District- Amroha.	Chemical Unit	Pyridine and Picoline derivatives 90000 TPA etc.	Installed	825 KLD	Incinerated in incineration boiler, ZLD	ZLD	Complied
10	Jubilant Agri and Consumer Products Limited (Fertilizer	Fertilizer Unit	Single Super Phosphate (SSP, Zincoated SSP)- 22500 MT per month,	Installed (Settling tank)	110 KLD	Treated effluent recycled in water scrubbing	ZLD	Complied

	Unit) Bhartiagram, Gajraula, Amroha.		Granular(GSSP,Zn-GSSP,B-GSSP,ZnB-GSSP, BIOSTIMULANT-22500 MT per month and Sulphuric Acid-9000 MT per month					
11	Dairy India Pvt Ltd. Gajraula, Amroah.	Milk Processing	Milk, Curd, Chach, Cheese, Milk Powder and Ghee by processing 300 KLD raw milk.	Installed	562 KLD	Treated effluent used for irrigation	On Land	Complied Sample date-05.12.23 pH-8.0 BOD-28 mg/l COD-176 mg/l TDS-564 mg/l TSS-27 mg/l
12	Umang Dairies Ltd. 3 Km. Hasanpur road Gajraula, Amroha	Dairy	Milk powder-1410 Ton/Month, Panner-180 Ton/Month and Butter/Ghee-300 Ton/Month	Installed	950 KLD	Treated effluent used in process	ZLD	Complied
13	A.Q. Frozen Foods Pvt. Ltd, Kunda feeder road, Bacchrayun Amroha.	Slaughter House and Meat Processing	Slaughtering of Animals 800 Buffalos/day, 2000 Goat/sheep/day.	Installed	-	-	-	Unit closed Since 2020

#### V. Regulation of Flood Plain Zone:

Area- cities/ towns	Notification of flood plain zone	Demarcation		Encroachment & direct discharge Geo Code/Sampling point	Encroachment removal status	Timeline for completion
		NO Development Zone Pillars	Regulatory Zone Pillars			
<b>Amroha left bank of Ganga River</b>		555	476	<b>There is no encroachment on land of River Ganga in District Amroha</b>	<b>There is no encroachment on land of River Ganga in District Amroha</b>	Demarcation has been completed

**AFFORESTATION/ PLANTATION**

Area- cities/ towns	Total plantation	Proposed plantation in the year 2022 & 2023
DHANAURA	268800	District Plan achieved for the year 2022 and 2023
DHANAURA	164800	
DHANAURA	249600	
HASANPUR	408800	
HASANPUR	385000	
HASANPUR	242800	

**VII. Mining:****a.**

Area of mining	FIR/ case registered/ year	Vehicles/ mineral seized	Action taken status	Cases pending in Court	Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016
जनपद अमरोहा में रामसर साईट एवं हसिन्नापुर वन्यजीव अभ्यरण होने	जनपद अमरोहा में रामसर साईट एवं हसिन्नापुर वन्यजीव अभ्यरण होने के कारण खनन क्षेत्र चिन्हित नहीं हो सकता	279	खनन विभाग द्वारा कार्यवाही करते हुए पनेल्टी लगाई गयी है	जनपद अमरोहा में रामसर साईट एवं हसिन्नापुर वन्यजीव अभ्यरण होने के कारण	जनपद अमरोहा में रामसर साईट एवं हसिन्नापुर वन्यजीव अभ्यरण होने के कारण खनन क्षेत्र चिन्हित नहीं हो सकता।

के कारण खनन क्षेत्र चिन्हित नहीं हो सकता।			74.83 Lakh पनेल्टी लगाते हुए वसूली की कार्यवाही की गयी।	खनन क्षेत्र चिन्हित नहीं हो सकता	
--	--	--	--	--	--

b.

Area of RBM Mining	Overloading Illegal Transport	Action Taken	Penalty Imposed/Recovered
NO RBM MINING	NO RBM MINING	NO RBM MINING	NO RBM MINING

**Compliance of Hon'ble NGT order**

**Dt 24.1.2024**

**In**

**O.A 200/2014 MC Mehta Vs UOI and Ors  
District- Amroha**

**Sewage Management**

<b>S.NO</b>	<b>NAME OF ULB</b>	<b>SEWAGE GENERATION(MLD)</b>
1.	HASANPUR	12
2.	DHANAURA	4
3.	GAJRAULA	7.4
4.	JOYA	1.8
5.	UJHARI	2.64
6.	SAIDNAGLI	2
7.	NAUGAWAN SADAT	4
8.	AMROHA	27.29
9.	BACHHRAON	3
2.	Existing Sewage Treatment Capacities :	STP Proposed at Gajraula Capacity-6.5 MLD
3.	Quantity of sewage is being treated (utilization capacity)	STP is Proposed Capacity-6.5 MLD
4.	Performance of STPs particularly for FC :	STP is Proposed
5.	Where treated sewage is being discharged (to Ganga or tributaries) :	Sewage is being discharged to Bagad river

6.	Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) :	STP is Proposed Capacity-6.5 MLD
8.	Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues :	STP is Proposed
9.	Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries):	Total sewage generated is being discharged to Bagad River

### Drains Joining Ganga and Tributary

1.Number of drains carrying sewage- sullage or industrial waste water joining Ganga/ tributaries with their Quantity and Quality:

S.No	Drain	Domestic/Industrial/Mixed	Flow (MLD)	Quality Discharge Parameters
1.	Chhoiya drain Near meeting River Ganga, RasoolpurB Havar(Sample date-06.10.23	Domestic	3	PH-7.59 BOD-2.2 COD-32 TSS-65 TDS-243
2.	Bagad Drain Near NH-24, Bridge Gajraula, Amroha Sample Date- 06.10.2023	Domestic	3.5	PH-7.64 BOD-10 COD-96 TSS-84 TDS-368

2.Drains joining outside city and town limits but, either joining in village or nearby town:- As per the above Table

3.Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs: STP is Proposed at Gajraula, Capacity 6.5 MLD

**Septage Management (In case of no STP)**

S.NO		
1	Status of Septage management (with reference to FSTP/STP):	<b>One FSTP installed at Daidera, Amroha Capacity-32 KLD</b>  <b>STP Proposed at Nagar Palika Gajraula Capacity-6.5 MLD</b>
2.	Management of Grey water and its disposal:	Total sewage generated is being discharged to river Bagad.

**Industrial Pollution Control**

S.NO		
1.	Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs	List Attached Below
	<b>Town Wise</b>	

S.N.	Name and Address	Sector	Production Capacity	Status of ETP	Discharge	Discharge Point	intermediate / Final Discharge Point	Compliance Status/ Action taken in case default
1	Wave Industries Pvt. Ltd, Vill-Malaysia Po-Mandi Dhanaura, Distt-Amroha	Sugar	Cane crushing capacity-10500 TCD and 30MW co-generation power plant	Installed	2100 KLD	Treated effluent used for Irrigation /used in distillery unit	On land/ used in distillery unit	Complied Sample date-13.12.23 pH-7.9 BOD-28 mg/l COD-176 mg/l TDS-940 mg/l TSS-28 mg/l

2	Triveni Engineering & Industries Ltd. Chandanpur, Hasanpur, Distt. Amroha	Sugar	Cane crushing capacity-6000 TCD	Installed	1200 KLD	Treated effluent used for Irrigation	On land	Complied Sample date-05.12.23 pH-7.85 BOD-28 mg/l COD-192 mg/l TDS-640 mg/l TSS-28 mg/l
3	Kisan Sahkari Chini Mills Ltd, Hasanpur, Distt. Amroha	Sugar	Cane crushing capacity-2500 TCD	Installed	500 KLD	Treated effluent used for Irrigation	On land	Complied Sample date-14.12.22 pH-7.94 BOD-26 mg/l COD-176 mg/l TDS-768 mg/l TSS-27 mg/l
4	Jubilant Ingrevia Limited (Distillery Unit) Bhartiagram, Gajraula District- Amroha,	Distillery	183 KLD Alcohol production in non-monsoon season and 133 KLD at monsoon season	Installed	Spent wash 1460 KLD	Incinerated in incineration boiler/Bio composting, ZLD	ZLD	Complied
5	Wave Industries Pvt. Ltd, (Distillery Unit) Vill-Malaysia Musallepur, Po-Mandi Dhanaura, Distt-Amroha	Distillery	140 KLD Ethanol Production by using B- Heavy Mollasses / sugar syrup & 7 MW co-generation power and production of Ethyl Alcohol-100 KLD by using C- Heavy Mollasses.	Installed	Spent wash 800 KLD	Incinerated in incineration boiler, ZLD	ZLD	Complied
6	Coral News Prints Ltd. Gajraula, Amroha.	Paper	News print paper 20 MT/day	Installed	400 KLD	Treated effluent recycled in process/used for irrigation	On land	Complied Sample date-18.07.23 pH-7.98 BOD-26 mg/l COD-192 mg/l TDS-504 mg/l TSS-28 mg/l
7	Kamakshi Papers Pvt. Ltd., Gajraula, Distt. Amroha	Paper	News print , writing printing and Kraft Paper 60 MT/day	Installed	585 KLD	Treated effluent recycled in process/used for irrigation	On land	Complied Sample date-03.11.23 pH-7.83 BOD-24 mg/l COD-152 mg/l TDS-512 mg/l TSS-25 mg/l

8	JUBILANT INGREVIA LIMITED (CHEMICAL UNIT 1) Bhartiagram, Gajraula District- Amroha.	Chemical Unit	Acetaldehyde 20550 MT/Month, Acetic Acid & derivatives 16004.2 MT/Month, Acetic Anhydride 3250 MT/Month, Ethyl/butyl Acetate 7452.1 MT/Month, Formaldehyde 19912.5 MT/Month, Diketene Ester Derivatives 500 MT/Month, Diketene Amide Derivative 333.3 MT/Month, Diketene Arylide derivatives 500 MT/Month, Other Ketene & Diketene Derivatives 166.7 MT/Month.	Installed	590 KLD	Treated effluent reused in process/ used for horticulture	ZLD	Complied
9	Jubilant Ingrevia Limited (Chemical Unit II) Bhartiagram, Gajraula, District- Amroha.	Chemical Unit	Pyridine and Picoline derivatives 90000 TPA etc.	Installed	825 KLD	Incinerated in incineration boiler, ZLD	ZLD	Complied
10	Jubilant Agri and Consumer Products Limited (Fertilizer Unit) Bhartiagram, Gajraula, Amroha.	Fertilizer Unit	Single Super Phosphate (SSP, Zincated SSP)- 22500 MT per month, Granular(GSSP,Zn-GSSP,B-GSSP,ZnB-GSSP, BIOSTIMULANT-22500 MT per month and Sulphuric Acid-9000 MT per month	Installed (Settling tank)	110 KLD	Treated effluent recycled in water scrubbing	ZLD	Complied
11	Dairy India Pvt Ltd. Gajraula, Amroah.	Milk Processing	Milk, Curd, Chach, Cheese, Milk Powder and Ghee by processing 300 KLD raw milk.	Installed	562 KLD	Treated effluent used for irrigation	On Land	Complied Sample date-05.12.23 pH-8.0 BOD-28 mg/l COD-176 mg/l TDS-564 mg/l TSS-27 mg/l
12	Umang Dairies Ltd. 3 Km. Hasanpur road Gajraula, Amroha	Dairy	Milk powder-1410 Ton/Month, Panner-180 Ton/Month and Butter/Ghee-300 Ton/Month	Installed	950 KLD	Treated effluent used in process	ZLD	Complied
13	A.Q. Frozen Foods Pvt. Ltd, Kunda feeder road, Bacchrayun Amroha.	Slaughter House and Meat Processing	Slaughtering of Animals 800 Buffalos/day, 2000 Goat/sheep/day.	Installed	-	-	-	Unit closed Since 2020

**Water Quality Status**

S.NO		
1.	Provide water quality status of Ganga and its tributaries in the District and city/ town in terms of its fitness for Bathing water quality that is, FC and FS:	As below

River/Tributary	DO Mg/l	BOD Mg/l	TC MPN/100 ml	FC MPN/100 ml
Ganga	8.9	1.2	1300	490
Chhoiya Drain	7.9	2.2	790	360
Bagad Drain	7.64	10	940	490

**Notification of Flood Plain Zones**

164/2020/2031/20-27-सि०-4-07(एन०जी०टी०)/16 टी०सी० दि० 04.09.2020 U.P. Govt.9

**Issues Relating to Environmental Flow**

River Ganga Flow at District Amroha Approx 7537 cusec

  
 Divisional Forest Officer  
 Member Convenor  
 District Ganga Committee  
 Amroha

  
 District Magistrate,  
 Chairman,  
 District Ganga Committee  
 Amroha

## **Best Practices**

### **1. Project benefits in last 3 years( Namami/ Amrit 2.0):**

Under the Amrit 1.0 program, 18333 drinking water houses have been connected under the Drinking Water House Connections Scheme in Nagar Palika Parishad, Amroha.

### **2. Afforestation/ Plantation:**

<b>Area-cities/Towns</b>	<b>Total Plantation</b>	<b>Proposed Project</b>	<b>Timeline</b>
DHANAURA	268800	District Plan	2021
DHANAURA	164800	District Plan	2022
DHANAURA	249600	District Plan	2023
HASANPUR	408800	District Plan	2021
HASANPUR	385000	District Plan	2022
HASANPUR	242800	District Plan	2023

### **3. SEWAGE CONTROL (how much progress has been there)**

Around 27300 families are being benefited by the construction of 32 KLD FSTP/ Septage Management

### **4. Contribution to Amrit 2.0 and Namami Gange**

Under the Amrit 2.0 program, it is proposed to connect drinking water houses under the following schemes approved in Amroha District.

- a. Dhanaura Restructuring Drinking Water Scheme-7760
- b. Naugawan Saadat Restructuring Drinking Water Scheme-8460
- c. Joya Restructuring Drinking Water Scheme – 5468
- d. 24\*7 drinking water supply scheme in Ward No. 08 Peergarh of Amroha Nagar -1302

**DISTT. AMROHA**

