35087

To,

The Registrar(General),
National Green Tribunal
Principal bench
New Delhi

No: 354/35-3/NGT DGC

Date: 28/07/2024

Subject :**Submission of Action Plan for District Meerut in compliance of order dated 16.04.2024 passed by Hon'ble NGT in OA No 200/2014 MC Mehta Vs Union of India &Ors.**

Sir,

In the above noted case Hon'ble Tribunal was pleased to pass the following direction-

> "…….*4. Since, the sewage and trade effluents are being discharged in river Ganga and its tributaries, therefore, preventive/remedial action is required to be taken by the concerned local bodies/administrative authorities expeditiously. Hence, each of the District Magistrate is required to prepare an action plan for remediating the situation and ensuring the object of zero discharge of sewage/effluent in river Ganga and its tributaries. Such action plan needs to be a time bound action plan with an outer limit to complete the objective in respect of each of the source of pollution of river Ganga and its tributaries……*"

In compliance of the aforesaid order Action Plan for the District Meerut is attached herewith for kind perusal.

With regards,

Enclosure: Action Plan.

Your's faithfully,

28/7/2024

(Deepak Meena)
District Magistrate,
Meerut

DISTRICT-MEERUT

ACTION PLAN
IN
COMPLIANCE OF ORDER
DATED 16.04.2024 PASSED BY
HON'BLE NATIONAL GREEN TRIBUNAL IN
O.A.-200/2014 MC MEHTA VS UOI AND ORS.

Submitted by:-

District Magistrate,
Meerut

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1. Introduction:-

Hon'ble National Green Tribunal on 16.04.2024 in hearing of the matter Original Application No. 200/2014, M.C. Mehta Vs Union of India and others has passed order as below:-

"……4. Since, the sewage and trade effluents are being discharged in river Ganga and its tributaries, therefore, preventive/remedial action is required to be taken by the concerned local bodies/administrative 4 authorities expeditiously. Hence, each of the District Magistrate is required to prepare an action plan for remediating the situation and ensuring the object of zero discharge of sewage/effluent in river Ganga and its tributaries. Such action plan needs to be a time bound action plan with an outer limit to complete the objective in respect of each of the source of pollution of river Ganga and its tributaries.

5. Let the action plan be also filed by District Magistrates in respect of each of the District concerned, where river Ganga and its tributaries flow in the State of U.P. along with the next report……"

District- Meerut is also covered with above order in the view of River Ganga and Tributaries Kali(East) and Hindon flows in the district.

2.District Profile-

2.(a) - History

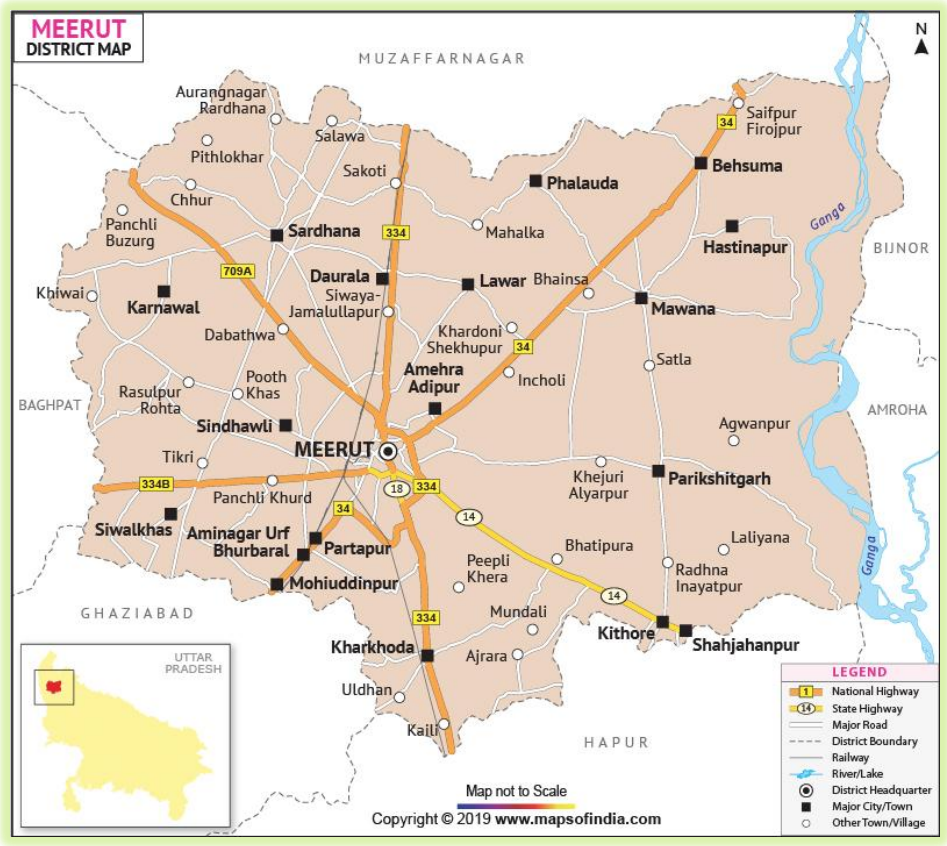
Meerut is situated between the holy rivers Ganga and Yamuna Meerut is a busy trade centre of western Uttar Pradesh. The fertile Ganga-Yamuna doab had been an important centre of human activities since the very early times of Vedic Civilisation. Meerut probably derives its name from the word "Maya Rashtra", meaning the country of Maya, who was the architect of the asuras (the demons) as per the Hindu mythology. His daughter Mandodari was the wife of Ravana, the antagonist of the first epic, Ramayana. In Mahabharata, the Kauravas had their capital in Hastinapur, which is situated in present day Meerut District. From the medieval period onwards, the proximity of this city to Indraprastha (present day Delhi) helped it play an important role in the affairs of India. However, Meerut attracted the attention of the historians for the first time when the brave people of this city offered fierce resistance to the invading forces of Qutub-ud-din Aibak (11th century AD) and Timur (14th century AD). Since then, it remained under the suzerainty of those who ruled over Delhi.With the capture of power by the British, Meerut became a major military centre. The aggrieved Indian soldiers of the British Army began their fight against the imperial powers in this soil on 10th May, 1857. They captured the control of the city in one day and marched to Red Fort in Delhi, which was considered to be the symbol of control over the whole of India. On their way, they were joined by the common people who shouted patriotic war cries. By the next morning, Red Fort had fallen into the hand of the freedom fighters.The spark that began in Meerut soon spread all over India and acquired the form of a nationalistic struggle for independence. It took one year for the British to put down the freedom struggle. Nevertheless, the First War of Indian Independence that began in Meerut continued to inspire the patriots all over the country. It paved the way for the organised national movement in later 19th century.

2.(b)-Area and Geography

Meerut is a city in the Indian state of Uttar Pradesh. It is an ancient city with settlements dating back to the Indus Valley civilisation having been found in and around the area. The city lies 70 km northeast of the national capital New Delhi, and 453 km northwest of the state capital Lucknow. . Meerut city is located in western Uttar Pradesh. It lies between latitude 280 32‟ to 290 18‟ N and longitude 770 07‟ to 780 14‟ E. Meerut city and surroundings is spread over an area of 26937 hectare.

Meerut is the second largest city in the National Capital region, and as of 2011 the 33rd most populous urban agglomeration and the 26th most populous city in India. It ranked 292 in 2006 and is projected to rank 242 in 2020 in the list of largest cities and urban areas in the world. The municipal area (as of 2001) is 141.89 km2 with the cantonment covering 35.68 km2. The city is one of the largest producers of sports goods, and the largest producer of musical instruments in India. The city is also an education hub in western Uttar Pradesh. Meerut is also known as the “Sports City of India”. The city is famous for being the starting point of the 1857 rebellion against British colonial rule. The town is divided into 70 wards as per Meerut Nagar Nigam. Sugar and electronics goods are other flourishing industries. Meerut and nearby Modinagar form an educational hub adjacent to the national capital.

2.c.District Administrative Set-up



Administrative Map of District Meerut

2.d.Details of Tehsil/blocks/villages

S.No.	Tehsils	Blocks	Total Number of Villages
1.	Meerut	Jaani, Kharkhoda, Machra, Meerut, Rajpura, Rohta	302
2.	Mawana	Hastinapur, Machra, Mawana, Parikshitgarh	224
3.	Sardhana	Daurala, Sardhana, Saroorpur	136

3.Natural Resources

3.(A)-Existing Forest Cover:

There is a net increase of 0.41 sq.km has been observed in the State compared to the previous assessment which can be attributed to plantation and conservation. Forest outside Green wash areas have seen a considerable increase. The latest Forest Survey of India (FSI) state of the forest report shows that the overall forest cover of Meerut district has increased from 2.67% in 2019 to 2017.According to the FSI report, all trees with canopy density of over 10%, having an extent of more than one hectare and falling on forest, private, community or institutional land, are reflected in the assessment report. Barring the change in geographical areas, the so-called "increase" in forest cover has raised concerns among environmentalists as the forest department sets itself a high plantation target each year and claims a 80% to 90% survival rate of saplings. According to 2019 assessment the forest area of Meerut and its nearby district are given below.

District Name	Geographical Area (sq.km)	2019 Assessment(sq.km)				%GA	Change wrt 2017
		V. Dense Forest	M. Dense Forest	Open Forest	Total		
Meerut	2559	0.00	34.00	34.41	68.41	2.67	0.41

3.(B)-WILD LIFE SANTURY

Hastinapur Wildlife Sanctuary is a protected area in the Gangetic plains of Uttar Pradesh, India. It was established in1986 and covers2,073 km2 (800 sq mi)across Meerut, Muzzafarnagar, Ghaziabad, Bijnor, Meerut and Amroha districts. This area has not enjoyed protection needed to check poaching and various other threats to wildlife due to lack of proper notification.

Hastinapur Wildlife Sanctuary lies on the western bank of the Ganges River at an elevation of 130–150 m (430–490 ft). Tall wet grasslands dominate in low-lying areas and are inundated most of the year. Short wet grasslands are dry from winter to the onset of the monsoon. Dry scrub grasslands dominate on elevated alluvial deposition. Swamps and marshes are present between elevated grounds and the sandy bed of the Ganges. A large part of the sanctuary is settled and under cultivation. Sugarcane, rice, wheat, maize and cucurbits are the major cultivated crops.

4.GEOGRAPHY/DEMOGRAPHY

Meerut is the largest city in NCR after Delhi also known as sports city of India.[citation needed] Meerut lies between the plains of the Ganges and those of the Yamuna. In area Meerut district covers 2,522 km2 (974 sq mi), which is larger than Delhi (Delhi covers an area of 1,484 km2 [573 sq mi]). However, Meerut's population is three times less than that of Delhi (Current population of Meerut is 3,443,689).According to the 2011 census, the Meerut Urban Agglomeration (Meerut UA) has a population of around 1.42 million, (comparable to kingdom of Bahrain or Trinidad and Tobago) with the municipality contributing roughly 1.31 million of it. The Meerut Urban Agglomeration consists of area falling under Meerut Municipal Corporation, Meerut Cantonment Board and 4 census towns of Sindhawali, Amehra Adipur, Aminagar Urf Bhurbaral and Mohiuddinpur. This makes Meerut the 33rd most populous urban agglomeration and the 28th most populous city in India. The sex ratio in Meerut UA is 887, lower than the state average of 908; while the child sex ratio is 845, lower than the state average of 899. 12.99% of the population is under 6 years of age. The overall literacy rate is 76.28%, higher than the state average of 69.72%.

As of 2017, Meerut ranks 328 (based on population), 189 (based on population density), 648 (based on built-up area) among world's urban areas.

According to the 2001 census, the city ranked 2nd in terms of population in NCR and 25th in India.

Category	Agriculture				Barren/uncultia ble/wastelands			Built up			Forest	Wetlands/water bodies		
	Crop Land	Current Shifting	Fallow	Plantation	Gullied/ Ravinous land	Salt affected land	Scrub land	Mining	Urban	Rural	Scrub Forest	Inland wetlands	River/ Streams/Canals	Water bodies
Area (in sq.km)	2198.66	0.00	44.76	55.00	0.00	0.00	11.41	0.97	135.91	41.66	0.41	17.44	64.32	3.35

5.Land Use Pattern

As per the district wise distribution of Land use/Land cover of Uttar Pradesh data(2011- 2012) available in **Bhuvan- Indian Geo Platform of ISRO,** for Meerut there is 2198.66 sq. km land as crop land out of total geographical area of the district and 44.76 sq.km land is Fallow Land and 55.00 sq.km is already under Plantation, which should be maintained. There is also 11.41sq.km land left as Scrub land which comes under waste land category.There is Forest land also available in the district as Scrub forest which is 0.41 sq.km out of total geographical area . Therefore ,Barren/uncultivable/waste land available in the up wind and down wind directions of the wind shall be identified for developing green belt to curb the rising level of air pollutants in the city.

6.CLIMATE

Meerut has a monsoon influenced humid subtropical climate characterised by hot summers and cooler winters. Summers last from early April to late June during and are extremely hot, with temperatures reaching 49 °C (120 °F). The monsoon arrives in late June and continues till the middle of September. Temperatures drop slightly, with plenty of cloud cover but with higher humidity. Temperatures rise again in October and the city then has a mild, dry winter season from late October to the middle of March The lowest temperature ever recorded is −0.4 °C (31.3 °F), recorded on Sunday, 6 January 2013. Rainfall is about 845 millimetres (33 in) per annum, which is suitable for growing crops. Most of the rainfall is received during the monsoon. Humidity varies from 30 to 100%.

7-Environmental Status of River Flows through the District Meerut:

There are 03 Rivers passing through Meerut namely River Ganga, Kali(East) and Hindon. River Kali(East) is a tributary of River Ganga and joins the River Ganga in District Kannauj. River Hindon is a tributary of River Yamuna and joins the River Yamuna at Tilwara District Gautam Budha Nagar. Salient details of these River are as below-

River Ganga-

The Ganga is the most sacred of all the rivers. It is also a lifeline to millions of Indians who live along its course and depend on it for their daily needs. It is worshipped in Hinduism and personified as the goddess Ganga. It has also been important historically, with many former provincial or imperial capitals (such as Kannauj, Kashi (Varanasi), Patliputra (Patna), Hajipur, Munger, Bhagalpur, Baranagar, Murshidabad, Bahrampur, Nabadwip, Saptgram and Kolkata located on its banks. The total stretch of river Ganga is 2525 km, rises in the western Himalyas in the Indian State of Uttarakhand and flows South and East through the Gangetic plain of North India, till it merges with Bay of Bengal.

The Ganga basin with its fertile soils is instrumental to the agricultural economy and its tributaries provide a perennial source of water for irrigation to a large area. Tourism is another related activity. Three mythologically important in Hinduism- Haridwar, Prayagraj and Varanasi attract millions of pilgrims to its water to take a holy dip in the Ganges which is believed to cleanse oneself of his sins and help in attaining salvation.

The Ganges suffers from pollution levels caused by 400 million people who live along its banks of the river. Sewage from many cities along the river's course, industrial wastes and religious offering wrapped in non Bio-degradable plastics add large amounts of pollutants to the river as it flows through densely populated areas.

POLLUTION SOURCES OF RIVER GANGA.

There is no industrial effluent discharge into river Ganga except some domestic discharge of Hastinapur town and villages which flows from Hastinapur town to lowland area and then to River Ganga

MONITORING OF RIVER GANGA.

State Pollution control Board is regularly monitoring the water quality on fortnightly basis at Makhdumpur Ganga village at upstream of River Ganga.

River Kali(East)

The Kali (East) is an intermittent river, flowing during the monsoon season. It originates near Antwara in Muzaffarnagar district of Uttar Pradesh and flows through the districts of Meerut, Hapur, Bulandshahar, Aligarh, Kasganj and finally joins with river Gangain district Kannauj (UttarPradesh). The area under study is a part of the Indo-Gangetic Plains, which lies between the lattitude 29°9'34.29”N to 27°1'321.34"N and the longitude 77°45'15.10”E to 77°58'14.03"E in various districts of Uttar Pradesh. River Kali before meeting Khatauli drain is dry, it originates in village Antwara, Tehsil Jansath, District Muzaffarnagar, but at present it has no natural water.River Kali receives water only after its confluence with Khatauli drain which carries industrial as well as domestic sewage. This River enters district Meerut at Pithlokhar and leaves the districtat Village Kol, Kharkhoda .

POLLUTION SOURCES OF RIVER KALI(EAST)

At present there is no natural source of water present at the upstream of this river. This River is the major effluent carrying channel for the district Meerut. Treated Industrial effluent from fifty Grossly Polluting Industries (GPI) and domestic discharge of whole city is being discharged to this river. The domestic discharge of city is leading to this river through three major drains namely Abu Nala-1, Abu Nala-2 and Odean drain. Regular monitoring of GPI units is being conducted. The total domestic discharge generated from the city is being treated through STPs having total capacity of 180 MLD approximately. Municipal Corporation, Meerut has proposed an additional STP of capacity 220 MLD for the treatment of untreated domestic effluent. It is noteworthy that Municipal Corporation Meerut has adopted Bioremediation at **Abunala-1.** One more drain namely chhoiya drain carries small quantity of domestic and industrial effulent. Water quality of river kali is being measured at three points in the district.

River Hindon

Hindon River originates from lower Shivalik ranges in District Saharanpur of Uttar Pradesh and is primarily a rain fed river. The basin area falls in the districts of Saharanpur, Muzaffarnagar, Shamli, Meerut, Baghpat, Ghaziabad and Gautam buddh Nagar in Western Uttar Pradesh and covers a distance of about 300 Km before joining the river Yamuna downstream of Delhi. It leaves District Saharanpur at Village- Chhinau and flows into District Muzaffarnagar. Hindon river enters District Muzaffarnagar at Village Budhakhedi and leaves the District for Meerut near Village- Atali. River Hindon enters District Meerut at Village- Baparsi and the river flows in between District Meerut and Baghpat and it leaves at Village Rasoolpur Dhaulari of District Meerut and Village Baleni of

District Baghpat before entering District Ghaziabad. The river Hindon is one of the important rivers in Western Uttar Pradesh (India) having a basin area of about7000 km2 The catchment area of the river lies between latitude 28°30’27” to 30°15’22”N and longitude 77°20’18” to 77°50’16”E

POLLUTIONS SOURCES OF RIVER HINDON

River Hindon is a non-perennial river. There are two major drain leading to River Hindon namely Sardhana drain and Kinauni drain. Presently industrial discharge is no more issue of pollution into river Hindon for district Meerut. However one major drain namely Sardhana drain is carrying organic pollution load due to dairies operational in the catchment of Sardhana Drain. The District Administration is taking prompt action for the solution of this problem.The dung generated from dairies are collected by nagar palika and biocomposting is being done.The other drain namely kinauni drain normally remain dry Monitoring of river on fortnightly basis at Baparsi; upstream and Barnawa; downstream is done by State Pollution Control Board

8.Current Status of Sewage in ULBs of Meerut

Drain (city/town/		Total Flow of drain	PH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	TC (MPN/ 100ml)	FC (MPN/100ml)	Colour/ odour	GAP	Discharged Into
M.Corp.	Abu Nala-1 Meerut	39.22	7.57	48.0	260.0	252.0	150000	120000	45 Hz/Foul	a) Total Sewage Generation in Meerut city area -**323.57 MLD** b) Existing Sewage Treatment Capacity (MLD) -**179.00 MLD** c) Current level of Sewage Treatment (MLD)- **134.20 MLD** d) Gap in Sewage Treatment (MLD)- **189.37 MLD**	Kali River
	Abu Nala-2 Meerut	145.73	7.49	42.0	252.0	246	140000	100000	45 Hz/Foul		Kali River
	Odeon Drain Meerut	161.73	7.68	54.0	284.0	264.0	200000	150000	50 Hz/Foul		Kali River
NPP Mawana		8.8	7.57	50.00	272.00	312.00	140000.00	84000.00	-	8.8MLD	Not Meeting to any River
NPP Sardhana		8.26	7.68	220.0	512.0	368.0	210000	170000	-	8.26MLD	Hindon River
NP Karnawal		0.60MlD	7.54	58.00	276.00	312.00	150000.00	110000.00	-	0.60MlD	Not Meeting to any River
NP Parikshitgarh		0.5MLD	7.53	42.00	240.00	280.00	130000.00	70000.00	-	0.5MLD	Not Meeting to any River
NP Lawar		0.5	7.49	34.00	212.00	224.00	120000.00	70000.00	-	0.5MLD	Not Meeting to any River
NP Hastinapur		3.84 MLD	7.57	42.00	208.00	200.00	130000.00	70000.00	-	3.84 MLD	Not Meeting to any River
NP Siwal khas		0.70MLD	7.64	54.00	260.00	324.00	150000.00	100000.00	-	0.70MLD	Not Meeting to any River

NP Behsuma	0.60MLD	7.48	28.00	164.00	188.00	100000.00	58000.00	-	0.60MLD	Not Meeting to any River
NP Kharkhoda	2.48	7.57	32.00	184.00	228.00	140000.00	84000.00	-	2.48MLD	Not Meeting to any River
NP Daurala	2.78	7.2	50.0	248.0	168.0	10000	63000	-	2.78MLD	Kali river
NP Falawada	0.60MLD	7.48	30.00	228.00	264.00	100000.00	58000.00	-	0.60MLD	Not Meeting to any River
NP Kithor	2.48	7.58	24.00	132.00	242.00	110000.00	63000.00	-	2.48MLD	Not Meeting to any River
NP Shajahanpur	0.60MLD	7.47	44.00	248.00	276.00	110000.00	58000.00	-	0.60MLD	Not Meeting to any River
NP Harra	0.60MLD	7.65	62.00	280.00	324.00	170000.00	120000.00	-	0.60MLD	Not Meeting to any River
NP Khiwai	0.60MLD	7.61	48.00	264.00	248.00	160000.00	110000.00	-	0.60MLD	Not Meeting to any River

8.(A)- STPs established and operational in meerut municipal corporation area.

Existing STP (location & capacity)	Capacity (operational)	Inlet/ Outlet water quality & quantity	Number of tapped drains (quantity of discharge)	Final discharge point	Total Sewage Generation	Exiting sewage treatment capacity	Current Level of Sewage Treatment	GAP in Sewage Treatment
Shatabadi Nagar	15 MLD	4.8	0	Kadrabad Drain by Khadauli Drain to Kali river	323.57 MLD	179.00 MLD	134.20 MLD	189.37 MLD
Sports Goods Complex	7 MLD	4.5	0	Kadrabad Drain by Khadauli Drain to Kali river				
ShraddhapuriYojna Phase-1	6.0	4.3	0	Abunala-2 to Kali river				
ShraddhapuriYojna Phase-2	6.0	6.0	0	Abunala-2 to Kali river				
VedVyaspuriYojna	15.0	3.5	0	Kadrabad Drain by Khadauli Drain to Kali river				
Pallavpuram Phase-1	7.0	6.5	0	Abunala-1 to Kali river				
Pallavpuram Phase-2	11.0	5.9	0	Abunala-1 to Kali river				
Rakshapuram	6.0	4.3	0	Abunala-1 to Kali river				
Pandavnagar	3.0	2.3	0	Abunala-2 to Kali river				
Lohiyanagar	10.0	1.5	0	Odeon Drain to Kali river				
Ganga nagar	10.0	5.0	0	Abunala-1 to Kali river				

JagritiVihar Extension	72.0	72.0	01(35.0MLD)	Kali river				
SainikVihar	6.0	4.5	0	Abu Nala-1 to Kali river				
ModipuramTiraha	5.0	5.0	0	Abu Nala-1 to Kali river				
Candtech Enclave, Mrt. Cantt	0.73	0.42	0	Abunala-2 to Kali river				
Eco Park, Opp. Rajesh Enclave, Mrt. Cantt	0.5	0.4	0	Abunala-2 to Kali river				
CSDinfront of yogendrayadav Enclave, MrtCantt	0.2	0.2	0	Abunala-2 to Kali river				
PRC Lines near gurudwara, MrtCantt	0.4	0.3	0	Abunala-2 to Kali river				

9.Current Status of Industrial effluent in District Meerut.

There are 55 Grossly Polluting industries (GPIs) at present in District Meerut. No industry in district discharges any effluent, directly into the river Ganga. These Grossly Polluting industries discharge their industrial effluent directly/indirectly into Kali & Hindon River through drains. The details of Grossly Polluting Industries is as below.

No.	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)	GAP	Final Discharging Points
1	Al-Saqib Exports Pvt. Ltd., Vill.-Alipur, Hapur Road, Meerut	Slaughter House	Yes	GPI	600	600	Nil	Irrigation
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	Nil	Drain to Kali River
3	Daurala Organics Ltd. Daurala ,Meerut	Pharmaceutical	Yes	GPI	1400	1400	Nil	Drain to Kali River
4	Daurala Sugar Works (Chemical Unit) Daurala ,Meerut	Pharmaceutical	Yes	GPI	1450	1450	Nil	Drain to Kali River
5	Gangol Sehkari Dugdh Utpadak Sangh Ltd, Gangol Road, Meerut	Milk Processing	Yes	GPI	600	600	Nil	Irrigation
6	Harbans Dairy, Mohiuddipur, Meerut	Milk Processing	Yes	GPI	80	80	Nil	Drain to Kali River
7	Harbans Lal Foods Pvt. Ltd, Mohiuddipur,	Milk Processing	Yes	GPI	492	492	Nil	Drain to Kali River

	Meerut							
8	Jyoti Industries (Changed name S.S Textiles), E-86, udyogpuram Partapur, Meerut	Yarn/Textile Processing	Yes	GPI	95	95	Nil	Drain to Kali River
9	M/s Loothara Handloom Pvt.Ltd, Gangol Road,Meerut	Yarn/Textile Processing	Yes	GPI	15	15	Nil	Drain to Kali River
10	M/s Modern Process House, Mohakampur,Meerut	Yarn/Textile Processing	Yes	GPI	13	13	Nil	Drain to Kali River
11	M/s Rachit Prints,B-9,10,11 Udyogpuram, Meerut	Yarn/Textile Processing	Yes	GPI	15	15	Nil	Drain to Kali River
12	National Handloom, Mohkampur, Meerut	Yarn/Textile Processing	Yes	GPI	13	13	Nil	Drain to Kali River
13	Pashupati Taxtiles, Garh Road, Meerut	Yarn/Textile Processing	Yes	GPI	10	10	Nil	Drain to Kali River
14	Raj Kumar Textiles, A-16 Udyogpuram, Meerut	Dyeing and Textile	Yes	GPI	65	65	Nil	Drain to Kali River
15	Shakun Handifab, Partapur, Meerut	Yarn/Textile Processing	Yes	GPI	20	20	Nil	Drain to Kali River
16	Sab Miller India Ltd(New name anheusher bouch), Kankarkheda, Meerut	Breweries	Yes	GPI	250	250	Nil	Drain to Kali River
17	U.P. Dyeing & Printing Works, 68 Navchandi	Yarn/Textile Processing	Yes	GPI	13	13	Nil	Drain to Kali River

	Ground, Meerut							
18	Alps Industries Ltd., Vill.-Aminagar Bhoorbaral,Meerut	Textile	Yes	GPI	400	400	Nil	Irrigation
19	Anand Duplex Ltd. Unit -I,Vill – Saini Mawana Road, Mawana	Paper	Yes	GPI	650	650	Nil	Drain to Kali River
20	Anand Duplex Ltd. Unit -II,Vill – Saini Mawana Road, Mawana	Pulp &Paper	Yes	GPI	1000	1000	Nil	Drain to Kali River
21	Anand Triplex Board Ltd., Vill – Saini Mawana Road, Meerut	Pulp &Paper	Yes	GPI	1900	1900	Nil	Drain to Kali River
22	Chamunda Papers (P) Ltd., Dheerkheda Ind. Area ,Meerut	Pulp &Paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Nil	Zero Liquid Discharge (ZLD)
23	Daurala Sugar Works, Distillery Unit Daurala, Meerut	Distillery	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Nil	Zero Liquid Discharge (ZLD)
24	Daurala Sugar Works, Sugar Unit, Daurala , Meerut	Sugar	Yes	GPI	2500	2500	Nil	Irrigation
25	Dev Priya Product Ltd. Vill Saini Mawana Road ,Meerut	Pulp &Paper	Yes	GPI	2200	2200	Nil	Kali River
26	Dev Priya industries Ltd. Vill – Saini	Pulp &Paper	Yes	GPI	Zero Liquid Discharge	Zero Liquid Discharge (ZLD)	Nil	Zero Liquid Discharge

	Mawana Road , Mrt				(ZLD)			(ZLD)
27	Dev Priya Papers Ltd. Vill – Saini Mawana Road ,Meerut	Pulp &Paper	Yes	GPI	1150	1150	Nil	Kali River
28	IPL (U.P. State Sugar Corp. Ltd). Sakauti Tanda , Meerut	Sugar	Yes	GPI	500	500	Nil	Irrigation
29	Janki news print pvt. ltd.(Sumit Agro Products Ltd.) Panchali Baghpat Road ,Meerut	Pulp &Paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Nil	Zero 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)	Nil	Zero Liquid Discharge (ZLD)
31	Mawana Sugar Works, Mawana , Meerut	Sugar	Yes	GPI	2500	2500	Nil	Irrigation
32	Naglamal Sugar Complex , (Distillery Unit), Naglamal, Meerut	Distillery	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Nil	Zero Liquid Discharge (ZLD)
33	Naglamal Sugar Complex Garh Road, Meerut	Sugar	Yes	GPI	1200	1200	Nil	Irrigation
34	New Bonanja India Ltd., Saini, Mawana Road, Meerut	Pulp &Paper	Yes	GPI	600	600	Nil	Kali River

35	Paswara Papers Ltd., Mohiuddinpur , Meerut	Pulp &Paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Nil	Zero Liquid Discharge (ZLD)
36	Sangal Papers Ltd.Vill – Bhainsa Mawana, Meerut	Pulp &Paper	Yes	GPI	1500	1500	Nil	Drain to Kali River
37	Shri Venktesh Paper Mills Formely Known as Anand Tissues Ltd., Vill.Fitkari, Mawana,Meerut	Pulp &Paper	Yes	GPI	350	350	Nil	Drain to Kali River
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)	Nil	Zero Liquid Discharge (ZLD)
39	Anupam Processers, Partapur, Meerut	Yarn/Textile Processing	Yes	GPI	300	300	Nil	Drain to Kali River
40	UP State Sugar Corp. Ltd. Mohiuddinpur ,Meerut	Sugar	Yes	GPI	250	250	Nil	Irrigation
41	BMSR texofab pvt ltd. khsra no 84 mawana road meerut	Textile	Yes	GPI	170	170	Nil	Drain to Kali River
42	Goldy Zippers plot no-9 khsra no 373 vill achrondra partapur meerut	Textile	Yes	GPI	3	3	Nil	Drain to Kali River

43	Star Zippers A-8 Industrial area Partapur Meerut	Textile	Yes	GPI	2	2	Nil	Drain to Kali River
44	Shri Adinath Texfeb, Vill kunda delhi road, Meerut	Textile	Yes	GPI	98	98	Nil	Drain to Kali River
45	Achintya Health Care Pvt Ltd, Gangol Road Partapur,Meerut	Milk Processing	Yes	GPI	400	400	Nil	Drain to Kali River
46	M/s Shree Krishna Processing Khasara No.1142, Badaruddin Nagar Nanu, Tehsil Sardhana,District Meerut	Dyeing	Yes	GPI	Closed	Closed	Nil	Closed
47	M/s Shree Bala ji Enterprises, Khasra No.1210 Gangol Road Partapur,Meerut	Zip Dyeing	Yes	GPI	3	3	Nil	Drain to Kali River
48	M/s Ramesh Textile Kunda Partapur, Meerut	Dying and Printing	Yes	GPI	80	80	Nil	Drain to Kali River
49	M/s Al Akhlaq Exports Limited, Khasra No 98-104, Alipur Jijmana, Hapur Road, Meerut	Frozen Meat Packaging	Yes	GPI	30	30	Nil	Irrigation
50	M/s Shiva Fasteners Private Limited, S-36, S-38, Industrial Estate,	Zip Dyeing	Yes	GPI	5	5	Nil	Drain to Kali River

	Partapur, Meerut							
51	M/s Shri Bahubali Trader Plot -34, Village - Kamruddhin Nagar, Sardhana Meerut Road, Mandhiyai Sardhana, Meerut	Dying And Printing	Yes	GPI	335	335	Nil	Drain to Hindon River
52	Bajaj Hindustan Ltd, Sugar, Kinoni, Meerut	Sugar	Yes	GPI	2400	2400	Nil	Drain to Hindon River
53	Bajaj Hindustan Ltd, Distillery Unit, Kinoni, Meerut	Distillery	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Nil	Irrigation
54	Sardhana Papers Pvt Ltd.,Sardhana,Meerut	Pulp & paper	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Nil	Irrigation
55	R C P Distilleries (india) Pvt.Ltd Khiwai, Sardhana Meerut	Distillery	Yes	GPI	Zero Liquid Discharge (ZLD)	Zero Liquid Discharge (ZLD)	Nil	Irrigation

10.Current status of Solid waste in ULBs

Name of district	Name of ULB	Total Population in ULB	Source Segregation (No of Wards)	Total Generation of MSW	Treatment of MSW	GAP (TPD)	Final Disposal of MSW
Meerut	Nagar Nigam	1305429	Door to door collection in all 90 wards	800MT/Day	150TPD	650	4 Lac Ton of processed legacy waste has been utilized in waste treatment energy plant namely BVG energy, Meerut
	NPP Mawana	111000	Door to door collection	36TPD	05TPD	31	-
	NPP Sardhana	58252	15/25(wards) Door to door	20.39	09	11.39	9
	NP Karnawal	11663	Door to door	2.34	-	2.34	-
	NP Parikshitgarh	19830	Door to door	6.38TPD	-	6.38	-
	NP Lawad	22024	Door to door	7.56TPD	05 TPD	2.56	-
	NP Hastinapur	26452	-	9.0	4	5.0	
	NP Siwal khas	24882	Door to door	8.71	-	8.71	-

	NP Behsuma	11753	Door to door	4.80	-	4.80	-
	NP Kharkhoda	14364	Door to door	2.541	2.541	0	-
	NP Daurala	27100	Door to door	10TPD		10	-
	NP Falawada	19908	Door to door	6.86TPD	-	6.86	-
	NP Kithor	27933	Door to door	9.87	-	9.87	
	NP Shajahanpur	14944	Door to door	5.83TPD	-	5.83	
	NP Harra	18491	Door to door	7.08	-	7.08	-
	NP Khiwai	21049	Door to door	3.90TPD	-	3.90	-

11. Proposed Action Plan for the rejuvenation of rivers in District Meerut.

11.(A) District Meerut Daily Liquid Waste (Sewage) Generation & Treatment details and action plan															
Sr. NO.	(i) Name of Dististi ct	(i) Name of ULB,s	(ii) Sewage Generation District wise with population	(iii) Sewage Generation Quality		(iv)		(V) Details of disposal of untreated Sewage (in MLD) (District Wise)					(vi) **Action Plan to treat untreated sewage (District wise)**		
				Urban Areas	Rural Areas	Details of Treatment of Sewage (District Wise)									
						By STP (MLD)	Type of STP	Wet Land	Pond	River	Sea	Other water body	Time Lines	Budget outlay (Cr.)	Other action taken
1	MEER UT	Nagar Nigam	323.57 (1305429)	323.57	-	179 MLD	SBR/AS P	-	-	Kali	-	-	2026	-	(a)-Tapping of 02 major drain namely abunala-1, abunala-2 and Odeon is proposed. (b)- STP of 220 MLD is sanctioned under Namami Gange scheme for these 02 tapped drain. (c)- One more STP of 65 MLD is proposed under Namami Gange scheme for interception and diversion of 01 major drain namely abunala-1.
2		Daurala (NP)	2.78 (19,776)	**2.78**	-	I & D and 2.0 MLD/03 KLD Approved by SLTC	stp cum co treatment (FSTP)	-	-	Kali	-	-	Dec-25	4.85	At present Sewer Line is not available hence I & D is proposed.
3		Harra (NP)	2.97 (20,220)	-	**2.97**	I & D and 2.0 MLD/03KLD Approved by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	5.18	At present Sewer Line is not available hence I & D is proposed.

4		Hastinapur (NP)	3.85 (26,452)	-	**3.85**	I & D and 2.75 MLD/02 KLD Approved by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	6.96	At present Sewer Line is not available hence I & D is proposed.
5		Karnawal (NP)	1.82 (11,663)	-	**1.82**	I & D and 1.3 MLD/03KLD Approved by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	3.21	At present Sewer Line is not available hence I & D is proposed.
6		Khiwai (NP)	3.12 (21,023)	-	**3.12**	I & D and 2.2 MLD/3.4KLD Approved by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	5.50	At present Sewer Line is not available hence I & D is proposed.
7		Lawar (NP)	3.12 (22,024)	-	**3.12**	I & D and 2.1 MLD/3.4KLD Approved by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	5.48	At present Sewer Line is not available hence I & D is proposed.
8		Mawana (NPP)	11.12 (81,443)	**11.12**	-	I & D and 7.79 MLD/10 KLD Approved by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	23.69	At present Sewer Line is not available hence I & D is proposed.
9		Sardhana (NPP)	8.26 (58,252)	**8.26**	-	I & D and 6.0 MLD/11 KLD Approved by SLTC	stp cum co treatment (FSTP)	-	-	-	Hindon	-	Dec-25	20.28	At present Sewer Line is not available hence I & D is proposed.
10		Parikshitgarh (NP)	1.74 (19,830)	-	1.74	I & D and 1.9 MLD/03 KLD under Approval by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	4.85	At present Sewer Line is not available hence I & D is proposed.
11		Phalauda (NP)	2.67 (19,908)	-	2.67		stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	4.83	At present Sewer Line is not available hence I & D is proposed.
12		Shahjahanpur (NP)	2.59 (17,076)	-	2.59	I & D and 6.0 MLD/11 KLD under	stp cum co treatment	-	Pond	-	-	-	Dec-25	4.70	At present Sewer Line is not available hence I & D is

						Approval by SLTC	(FSTP)							proposed.
13		Sewalk has (NPP)	3.79 (24,882)	-	3.79	I & D and 2.0 MLD/03 KLD under Approval by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	6.54	At present Sewer Line is not available hence I & D is proposed.
14		Kharkh auda (NPP)	2.15 (14,364)	-	2.15	I & D and 1.5 MLD/2.5 KLD under Approval by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	3.92	At present Sewer Line is not available hence I & D is proposed.
15		Kithaur (NPP)	4.15 (27,993)	4.15	-	I & D and 3.0 MLD/3.5 KLD under Approval by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	7.65	At present Sewer Line is not available hence I & D is proposed.
16		Bahsum a (NPP)	1.77 (11663)	1.77	-	I & D and 1.5 MLD/02 KLD under Approval by SLTC	stp cum co treatment (FSTP)	-	Pond	-	-	-	Dec-25	3.20	At present Sewer Line is not available hence I & D is proposed.

11.(B) District Meerut Daily Solid Waste Generation & Treatment details and Action Plan

Sr. NO.	(i) Name of Dististict	(i) Name of ULB s	(ii) Waste generation (in TPD) District Wise	(iii) Breakup of waste Generated District Wise (In TPD)		(iv) Method of treatment in the District (in TPD)				(v) Final destination of each of components (iv)	(vi) Breakup details of waste processing (District wise)					(vii) **Action Plan to Process 100% waste**		
						a	b	c	d		Energy plants (Waste in Energy Plant)	Bio Compost Units	Used in Cement Units	Land fill Sites	Other user of inerts	Time Lines	Budget Outlay	Proposed(Yes/ No)
			State/ UT	Urban Areas (ULB)	Rural Areas	Organic Material (Wet waste)	Inerts	RDF	Other									
1	MEERUT	Nagar Nigam	745	Wet-Dry	-	409 TPD	12 TPD	120 TPD	204 TPD	Dumped at dump site	50 TPD	-	-	695 TPD	-	31.12.2025	-	yes
2		NP SEWALKHAS	8.71	8.71	-	5.22	0.4	3.4	0.4	sold to recyclers/ self use	-	-	-	-	-	2026	-	yes
3		NP PHALAUDA	6.86	6.86	-	4.11	0.7	1.1	0.9	sold to recyclers/ Self Use	-	Windrow Composting	-	-	-	2026	-	yes

4	NP HARRA	7.08	7.08	-	1.06	1.3	2.1	2.6	-	NIL	Wind row Composting	-	-	-	Installation of Trommel Machine is under Process	Installation of Trommel Machine is under Process	Installation of Trommel Machine is under Process
5	NP PARIKSHITGARG	6.42	6.42	-	3.47	0.3	0.4	0.2	0.00	-	Wind row Composting	-	-	-	2026	-	-
6	NP DAURALA	15	16	-	50%	5%	10%	35%	01 MRF Center	-	-	-	-	-	2026	6088500	yes
7	NP BAHSUMA	4.8	4.8	-	2.8	0.5	0.9	0.9	sold to recyclers	-	Wind row Composting	-	-	-	2026	-	yes+ S8:S1S3: S10
8	NP KITHAUR	9.78	9.78	-	-	-	-	-	Dumped at dump site	-	-	-	-	-	2026	6088500	yes
9	NP KHARKHAUDA	5.4	5.4	-	3.51	0.3	1.5	0.1	sold to recyclers	-	-	-	-	-	2026	7000000	yes
10	NP KARNAWAL	4.38	4.38	-	2.62	0.2	0.2	1.3	sold to recyclers	NIL	Under Constrictio n	-	-	-	2026	350000	yes

11	NPP MAWANA	36	36	-	23	4	6	3	RDF Sent To Waste To energy Plant and Recyclable Sent to local recyclers	M/S Bijendra Energy & Research	-	-	-	-	ULB already have the Ballastic separator for Solid waste Processing	ULB already have the Ballastic separator for Solid waste Processing	ULB already have the Ballastic separator for Solid waste Processing
12	NP SHAHJAHANPUR	6.42	6.42	-	3.09	0.5	1.6	1.3	sold to recyclers	-	Windrow Composting	-	-	-	2026	-	yes
13	NP HASTINAPUR	9.256	9.256	-	6.016	0.3	0.4	0.2	sold to recyclers	-	-	-	-	-	2026	-	yes
14	NP KHIWAI	7.9	7.9	-	4.74	0.39	2.3	0.39	Inert will using Landfilling RDF will be sent to waste to energy plant self utilized	-	Windrow Composting	-	-	-	Trommel has been installed and it is functional for solid waste processing	Trommel has been installed and it is functional for solid waste processing	Trommel has been installed and it is functional for solid waste proc

																	essing
15		NPP SARDHANA	20.39	20.39	-	0.108	2.8	0	-	sold to Recyclers	0	0	0	0	0	2026	27119963	Yes
16		NP LAWAR	7.56	7.56	0	4.53	0.4	2.3	0.4	sold to Recyclers	0	0	0	0	0	-	0	Yes

NOTE : 1- CITY SOLID WASTE ACTION PLAN (CSWAP) of All ULBs except of Nagar Nigam in District Meerut has been approved by SLTC- (State Level Technical Cell) constituted at U.P. Government level (Nagar Vikas Department).

2- Information is provided by Nagar Nigam, Meerut and DPM Swachh Bharat Mission, Meerut

11.(C) District Meerut Legacy Waste & Action Plan

Sr. NO.	(1) Name of District	(ii) Legacy waste site (District wise)	(iii) Area covered by the legacy waste (District wise)	(iv) Quantity of the waste (in MT) in each site	(v) Composition of the waste				(vi) Process adopted to remediate at each site	(vii) Timelines to process at each site	(viii) Final destination of the components at (v)	(ix) Action plan to remediated and recover the sites at (iii) (in sq. km)with earmarked budget (district wise)
					a	b	c	d				
					inerts % (Construction water, wood, Glass etc.)	Compost (%) Organic	RDF (%) Plastic	If any other material (%)				
1	MEERUT	GAWNDI (Nagar Nigam)	45 (acre)	158105	12.65%	71.84%	8.24%	7.27% (Moisture)	BIO-REMEDIATION	100% Remediated	-	100% remediated
2		LOHIA NAGAR (Nagar Nigam)	15 (acre)	1050000	2.00%	80.81%	9.83%	7..36% (Moisture)	BIO-REMEDIATION	ON PROCESS	-	460145MT out of 10lac MT is Remediated
3		MANGATPURAM (Nagar Nigam)	10 (acre)	179096	-	-	-	-	TENDER EVALUATION UNDER PROCESS	TENDER EVALUATION UNDER PROCESS	-	-
4		NP SEWALKHAS	0.0500	450	3.5	45.27	4.1	47.13	Proposed	Mar-25	Sale/Plantation-Agriculture Sale to Re-Cycler Used by Nagar panchayat	0.00402 SQ KM
5		NP Phalauda Khasra No. 313, Kale Singh Road	0.00202	5730	8.5	40.21	6.33	44.96	Proposed	Mar-25	Sale/Plantation-Agriculture Sale to Re-Cycler Used by Nagar panchayat	0.00202 Sq Km.
6		NP HARRA	0	0	0	0	0	0	0	0	0	0

7		NP PARIKSHITGARH	0	0	0	0	0	0	0	0	0	0
8		NP Daurala	0.831148	8485	8.83	41.24	7.66	6.48	ballastic saparator	Dec-24	sale/Plantation-Agriculture	0.00831148
9		NP BAHSUMA	0.5	100	6.2	32.17	4.68	33.89	Proposed	Jan-25	sale/Plantation-Agriculture Sale to Re-Cycler Used by Nagar panchayat	0.00731524
10		NP KITHAUR WARD NO 14 MOH MANSABPURA KHASRA NO 1705	0.0510 Hectare	610	8	50	40	2	Proposed	Mar-25	Sale/Plantation-Agriculture Sale to Re-Cycler Used by Nagar panchayat	-
11		NP KITHAUR NANGLA JAFARPUR KHASRA NO.80	0.2530 Hectare	3310	5	50	40	5	Proposed	Mar-25	sale to Re-Cycler Energy plant Used by Nagar panchayat	-
12		NP KHARKHAUDA	0.5 Hectare	400MT	5	65	28	2	Trommel	Dec-24	sale to Re-Cycler Energy plant Used by Nagar panchayat Sale/Plantation-Agriculture	0.25
13		NP KARNAWAL	–	0	0	0	0	0	0	0	0	-

14		NPP MAWANA Ward 22 Moh. Munnalal Bhaisa Road Mawana (Meerut)	0.6580 Hectare	157169.75	25	65	5	5	Processing by Blestic Seprater in to Diffrent Component. Like Inerts, Compost, RDF.	Aprox in 2 Years	RDF Will Be Sent To Waste to Energy Plant. Inerts Will Be Used in Landfilling.	Remediation Work is Going on. Using Ballastic Seprater.
15		NP SHAHJAHANPUR	0.2	2145	4.5	30.24	4.33	55.85	Proposed	01.12.2024	Sale/Plantation-Agriculture sale to Re-Cycler Used by Nagar panchayat	0.00831005
16		NP HASTINAPUR	0.089 Hectare	2700	5	60	5	30	landfill mining	03 month	Ward n 5 purana Hastinapur	Material Handling Cost ,Rent,of JCB,Vechicle ,Windroformation, segregation and processing of digested material and disposel of end products and inert material
17		NP KHIWAI	-	-	-	-	-	-	-	-	-	-
18		NPP SARDHANA	1.5 Hectare	49570	4.7	12.93	3.23	4.7	ballastic saparator	Dec-24	Sale/Plantation-Agriculture sale to Re-Cycler Used by Nagar panchayat Energy plant Used by Nagar panchaya	-
19		NP LAWAR	5383.74 sqm	9450	11	16.5	55.5	17	Trommel	-	-	-

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2- Information is provided by Nagar Nigam, Meerut and DPM Swachh Bharat Mission, Meerut

12.Proposed action plan for industrial Effluent

S. No.	Action Point	Timeline
1	Installation of OCEEMS, Flow Meter & Web Cams in large and medium category of GPIs with connectivity to the server of CPCB and UPPCB	12 Months
2.	Re-inventorisation of Water Polluting Industries in the catchment area of the drains and their status with respect to consent, installation of ETP, adequacy of ETP and final discharge point	12 Months
3.	Monitoring of ETPs of water polluting industries (GPIs) and ensuring closure of industries which are operating without consent or noncompliant	Quarterly
4.	Installation of OCEEMS, Flow Meter & Web Cams in large and medium category of GPIs with connectivity to the server of CPCB and UPPCB	12 Months
5.	Closure and legal action against the water polluting industries	Regular activity
6.	Adoption of cleaner technologies by water polluting industrial sectors having major impact on water quality of the river. For eg. – Electroplating, Dyeing, Pulp & Paper industries etc.	24 Months
7.	Imposing stringent norms in Distillery, Pulp & Paper, Slaughter House & Suger sectors	24 Months
8.	Reducing abstraction of ground water by reuse/recycle of treated effluent by installation of additional treatment facilities & process improvement	12 Months
9.	Use of treated effluent from ETPs for industrial and irrigation purposes	12 Months
10.	Improvement of ETPs and reduction of use of ground water by the industries .	6 to 24 Months
11.	Strictly ensuring prohibition of dumping of solid & other waste within 500 Meters of the banks of the river	Immediate
12.	Disposal of Recyclable waste through registered recyclers	Immediate
13.	Monitoring of river water quality at the upstream & downstream of cities & meeting points of the major drains	Monthly/ Fortnightly
14.	Monitoring of drains / STPs	Fortnightly/weekly

15	Monitoring of ground water quality within 500 meters of the rivers & drains	Half Yearly
16	Development of Web Portal for reporting & centralized monitoring of water quality of the river & drains and action points with access to all concern stakeholders departments/agencies responsible for implementation of the action plan	On Going
17	Establishment of Regional Control Rooms at District/ Division Level for monitoring & uploading of data related to monitoring of water quality & compliance of action points with its integration to the State Level Control Room	Established

14. Implementation of the Plan

Implementation of the remedial actions under short term action plan is to be completed by the concerned local body by its own resources in the proposed timeline.

Implementation of the long term action plan is supposed to be completed in the proposed timeline if the DPR preparation and fund management activity has been completed by the competent agencies within time.

District authorities believe that after the completion of short term action plan significant improvement will get too observed.

After implementation of the action plan order of the Hon'ble Nation Green Tribunal may be complied.

Regional Officer
UPPCB,
Meerut

Additional District Magistrate (City)
Meerut

Chief Development Officer
Meerut

Divisional Forest Officer,
Meerut

District Magistrate,
Meerut