

**ACTION PLAN
FOR
RESTORATION OF POLLUTED STRETCH
OF
RIVER YAMUNA
FROM**

**ASGARPUR (G. B. NAGAR) TO ETAWAH
&
SHAHPUR TO PRAYAGRAJ (BALUA GHAT)**



**UTTAR PRADESH POLLUTION CONTROL BOARD
TC – 12V, VIBHUTI KHAND, GOMTINAGAR,
LUCKNOW (UP)**

INDEX

1. Introduction	1-4
• 1.1 Polluted stretch of River Yamuna from Asgarpur to Etawah & Shahpur to Baluaghat (Prayagraj) along with drains.	5-6
2. Objective of the Action Plan	7
3. Pollution Inventory	8
• 3.1 Details of drains contributing the pollution	8-11
▪ Drains (A –Z) & AA to II.	12-46
• 3.2 Details of Sewage Pollution Sources	47-54
• 3.3 Details of Waste Management	55
▪ 3.3 (a) Municipal Solid Waste	55-57
▪ 3.3 (b) Bio- Medical Waste	58-61
▪ 3.3 (c) Hazardous Waste	62-63
▪ 3.3 (d) E-Waste	64
4. Details of Industrial Pollution Sources	65-69
• 4.1 Details of Industrial Units	70-71
• 4.2 Gap Analysis of Industries Situated in the catchment of River Yamuna	72-73
5. Status of Ground Water	74-75
6. Monitoring of Pollution Sources	76
• 6.1 Monitoring of Drains	76-79
• 6.2 Monitoring of River	80-82
• 6.3 Monitoring of Water Polluting Industries	83
• 6.4 Establishment of River Yamuna Pollution Control Room	83
7. Polluted River Stretch Rejuvenation Action Plan	84-97
Appendices	98
Appendix-1 Pollution Source Mapping of River Yamuna from Asgarpur to Etawah & Shahpur to Baluaghat (Prayagraj)	99-103
Appendix-2 Details of Cities & Towns	104
Appendix-3 Details of Industries	105-140
Appendix-3A GAP Analysis of Industries Situated in the Polluted Stretch of River Yamuna	141-225
Appendix-3B Action Points for Slaughter Houses	226-227
Appendix-3C Action Points for Textile Industries	228
Appendix-3D Action Points for Electroplating Industries	229
Appendix-3E Monitoring Data of CETP Mathura.	230
Appendix-4 Details of Gram Panchayats & Revenue Villages on the banks of River	231-239
Appendix-5 Wet Lands / Water Bodies Along The River Yamuna	240-245
Appendix-6 Status of E-waste Management	246-249
Appendix-7 River Water Quality Data	250-256
Appendix-8 MSW improvement action plan time-line for the ULBs of Department of Urban Development, UP	257-258

1.INTRODUCTION

The River Yamuna is the largest tributary of River Ganga. It originates from the Yamunotri Glacier at a height of 6,387 meters on the south western slopes of Banderpooch peaks in the uppermost region of the Lower Himalaya in Uttarkashi, Uttarakhand State, and after travelling approximately a total length of 1,376 Kilometers through Uttarakhand, Himachal Pradesh, Delhi, Haryana and Uttar Pradesh finally meets with the river Ganges at Triveni Sangam, Prayagraj. The river is pre-dominantly snow fed and has a catchment area of approximately 7,083 square Kilometers and joins the Ganges at Sangam ($25^{\circ}25'25.75''\text{N}$, $81^{\circ}53'11.50''\text{E}$) in Prayagraj District of U.P. The area under study is a part of the Indo-Gangetic Plains, which lies between the latitudes $28^{\circ}31'2.24''\text{N}$ to $25^{\circ}25'22.57''\text{N}$ and the longitudes $77^{\circ}20' 43.63'' \text{E}$ to $81^{\circ}50'23.14''\text{E}$ in the districts of Uttar Pradesh.

The river receives considerable amounts of wastewater every day from the industries and sewage system flow from municipal area of city Gautam Budh Nagar, Vrindvan, Mathura, Agra, Firozabad, Etawah, Kalpi, Hamirpur and Prayagraj etc. which leads to deterioration of its water quality.



Fig : 1.1, Shahadra Drain Meeting in Yamuna

As per the last year monitoring data of river water quality in the identified polluted stretch of River Yamuna, water quality of River Yamuna from Vrindavan to Agra-D.O. is found in the range of 3.0 to 6.5 mg/l & B.O.D. range is from 9.0 to 13.0 mg/l. Dissolved Oxygen in Balua Ghat (Prayagraj) is 8.2 mg/l & B.O.D. is 2.2 mg/l which is satisfactory. The results point that the concerned stretch of River Yamuna upto Agra is highly polluted and after meeting River Betwa at Hamirpur, the water quality gradually improves.

The climate of the area is characterized by a moderate type of subtropical monsoon. The major portion of rainfall in the identified stretch of river is received during the monsoon period. The major land use is in agriculture. The soil of the area - District, Noida- Sand, Clay, Loam; Agra- Sand, Silt, Clay; Mathura- Sand, Silt, Loam; Etawah- Alluvial, Clay; Kanpur- Sand, Clay, Loam; Hamirpur- Sand, Clay, Loam, Black Soil; Orai, Dist. Jalaun- Loamy, Alluvial; Fatehpur- Sandy, Loam; Allahabad- Clay Loam and is free from carbonates. River Yamuna has a total length of 1,376 kilometers (approximately) out of which the said stretch is about 562.0 kilometer long.

The river receives considerable amounts of wastewater every day from the industries and sewage system flow from different municipal area Gautam Budh Nagar, Vrindvan, Mathura, Agra, Firozabad, Etawah, Kalpi, Hamirpur and Prayagraj which leads to deterioration of its water quality.

There are 300 industries in district Gautam Budh Nagar, Bulandshahar, Aligarh, Vrindvan, Mathura, Agra, Firozabad, Etawah and Prayagraj. Mainly Textile, Slaughter Houses, Electroplating and other industries along with villages situated along the course of River Yamuna discharges their effluent and sewage into the river.

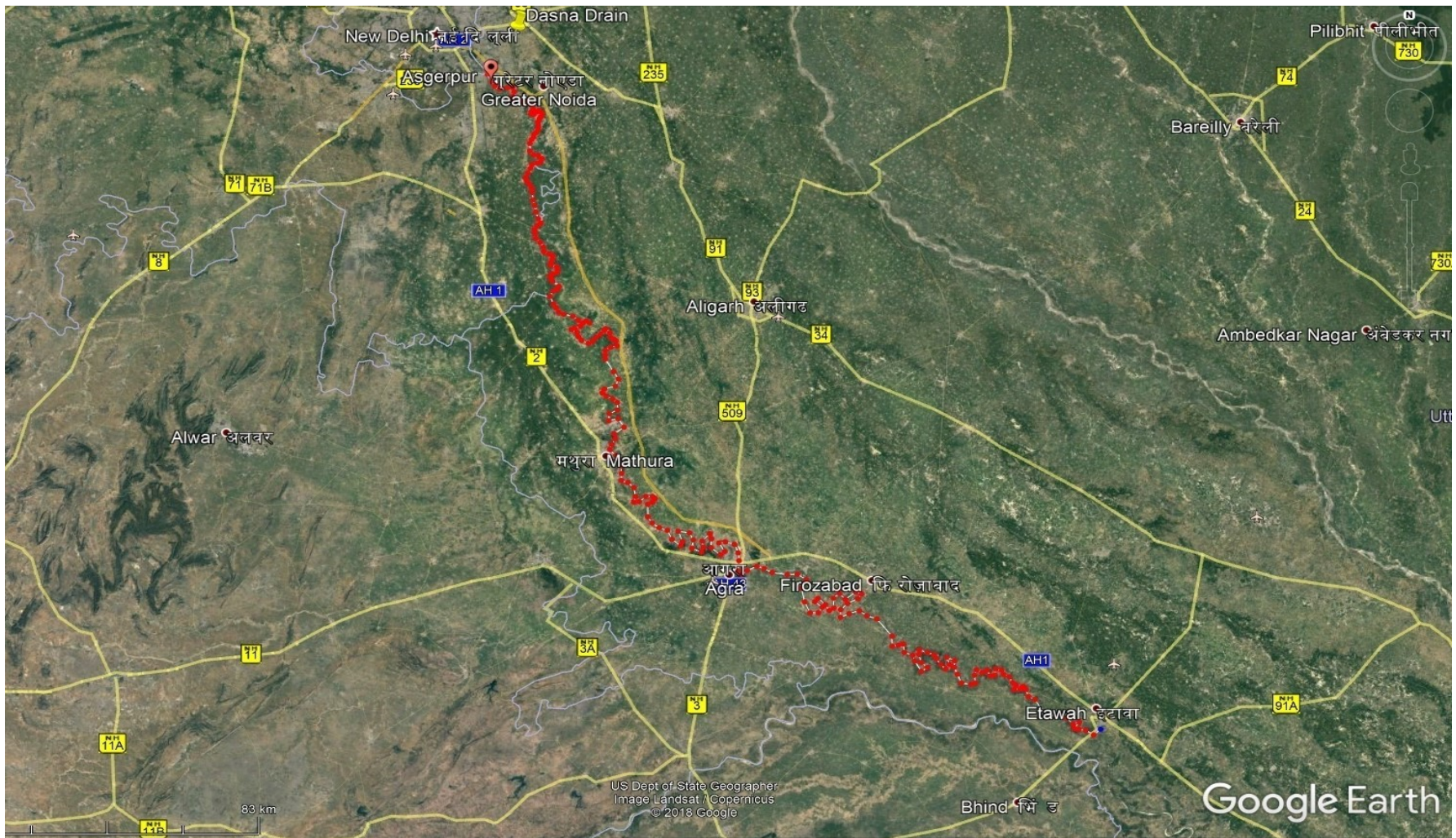


Fig:1.2: Google Earth image showing Polluted stretch of River Yamuna from Asgarpur to Etawah.



Fig:1.3: Google Earth image showing Polluted stretch of River Yamuna from Shahpur to Balughat (Prayagraj)

1.1 POLLUTED STRETCH OF RIVER YAMUNA FROM ASGARPUR TO ETAWAH & SHAHPUR TO BALUAGHAT (PRAYAGRAJ)

River Yamuna begins from Yamunotri and flows South and towards South east coursing through the States of Uttrakhand, Haryana, Delhi (UT), Uttar Pradesh in which major cities/towns of identified polluted stretch [Asgarpur To Etawah & Shahpur To Baluaghat (Prayagraj)] are Gautam Budh Nagar, Bulandshahar, Aligarh, Vrindvan, Mathura, Agra, Firozabad, Etawah, Kalpi. Hamirpur and Prayagraj contributing pollution load to River Yamuna.

During its course from the origin to its confluence in River Yamuna at Prayagraj, it traverses a distance of about 1376 kilometres, out of which polluted stretch is about 625 kilometres which lies in the districts of Gautam Budh Nagar to Prayagraj, Uttar Pradesh.

There are 121 villages located on the banks of this Priority-1- polluted stretch of river Yamuna. The cumulative population of these villages is Approx. 3,38,999. The estimated sewage generation is 34.49 MLD from these villages.

There are 300 water polluting industries located along the catchment area of the present stretch of Yamuna River **Appendix-3**. The sewage & effluent of the catchment area through 35 Drains in River Yamuna of which 18 Drains are mixed and 17 are purely domestic. The industries are grossly polluting in nature which includes Sugar, Pulp & Paper, Distillery, Textile, Slaughter House etc.

There is a textile industrial cluster in Mathura at Site-A, UPSIDC, Industrial Area, Mathura in which there are 30 Saari Washing & Printing Units. Out of which presently only - 20 are functional and remaining 10 lying closed due to there own reasons. The installed capacity of CETP Mathura is 6.5 MLD, but at present due to self closure of industries, the capacity being utilized 3.0 MLD only. The treated effluent being discharged in the municipal drain (Ambakhar Drain), which ultimately leads to river Yamuna and has been partially tapped and diverted to STP Trans-Yamuna, treated effluent is discharged in to Yamuna River through Ambakhar Drain.

2. OBJECTIVE OF THE ACTION PLAN

The objective of the Action Plans is to restore the quality of this priority -1 polluted stretch of River Yamuna to be fit for at least bathing purposes within 06 months from the date of action plan gets approved, as directed by Hon'ble National Green Tribunal vide its order dated 20th September 2018 passed in the original Application No 673/2018 in the matter of NEWS ITEM PUBLISHED IN *'THE HINDU' AUTHORED BY SHRI JACOB KOSHY titled " More river stretches are now critically polluted: CPCB.*

3. POLLUTION INVENTORY

3.1 DETAILS OF DRAINS CONTRIBUTING THE POLLUTION

In the polluted stretch of River Yamuna, which is under question, total discharge of 856.101 MLD is estimated in the form of sewage and industrial effluent through 35 drains. As per desk inventory, about 807.53 MLD of sewage and 43.80 MLD of industrial effluent are being currently discharged into the river. The treatment of sewage is a major area of concern, as out of the total estimated sewage discharge of 807.53 MLD, only 283.51 MLD of sewage is being treated. The estimate of industrial effluent is based upon the consented discharge quantified from the units but actual industrial effluent may be more than the estimates owing to over discharge by consented industries and discharge from illegal units operating in non-conforming areas. A detailed drain wise data regarding sewage, industrial effluent, number of industries discharging into drain, status of tapping and status of installing of bar meshes etc. is given in (**Appendix – 1**).

Summary of drains contributing to the pollution of river

S No.	District	No. of Drains	Type of Drains			Status of Drains			Industries		Sewage Discharge (MLD)			Total Discharge in the River (MLD)
			Domestic	Industrial	Mixed	Tapped	Untapped	Partially Tapped	Number	Treated Effluent (MLD)	Treated	Untreated	Total	
1	G.B. Nagar	2	0	0	2	0	2	0	74	5.2495	185	0	185	190.249
2	Bulandshahr	2	0	0	2	0	2	0	62	7.210	0	0	0	7.210
3	Aligarh	2	0	0	2	0	2	0	26	8.9455	0	132	132	142.611
4	Hathras	1	0	0	1	0	1	0	11	1.245	0	26.6	26.6	27.845
5	Mathura	8	2	0	6	1	3	4	89	20.9655	25.34	30.3	55.64	79.805
6	Agra	8	7	0	1	3	1	4	20	0.104	18.18	205.57	223.75	223.76
7	Firozabad	2	0	0	2	0	2	0	18	0.081	0	70	70	70.081
8	Etawah	2	0	0	2	1	1	0	0	0	11.45	23.55	35.0	35.0

S No.	District	No. of Drains	Type of Drains			Status of Drains			Industries		Sewage Discharge (MLD)			Total Discharge in the River (MLD)
			Domestic	Industrial	Mixed	Tapped	Untapped	Partially Tapped	Number	Treated Effluent (MLD)	Treated	Untreated	Total	
9	Kalpi	1	1	0	0	0	1	0	0	0	0	21.0	21.0	21.0
10	Hamirpur	1	1	0	0	0	1	0	0	0	0	10.0	10.0	10.0
11	Rajapur, Chitrakoot	1	1	0	0	0	1	0	0	0	0	5.0	5.0	5.0
12	Balua Ghat (Prayagraj)	5	5	0	0	5	0	0	0	0	43.54	0	43.54	43.54
	Total	35	17	0	18	10	17	8	300	43.8005	283.51	524.02	807.53	856.101

Source: Desk inventory of UPPCB

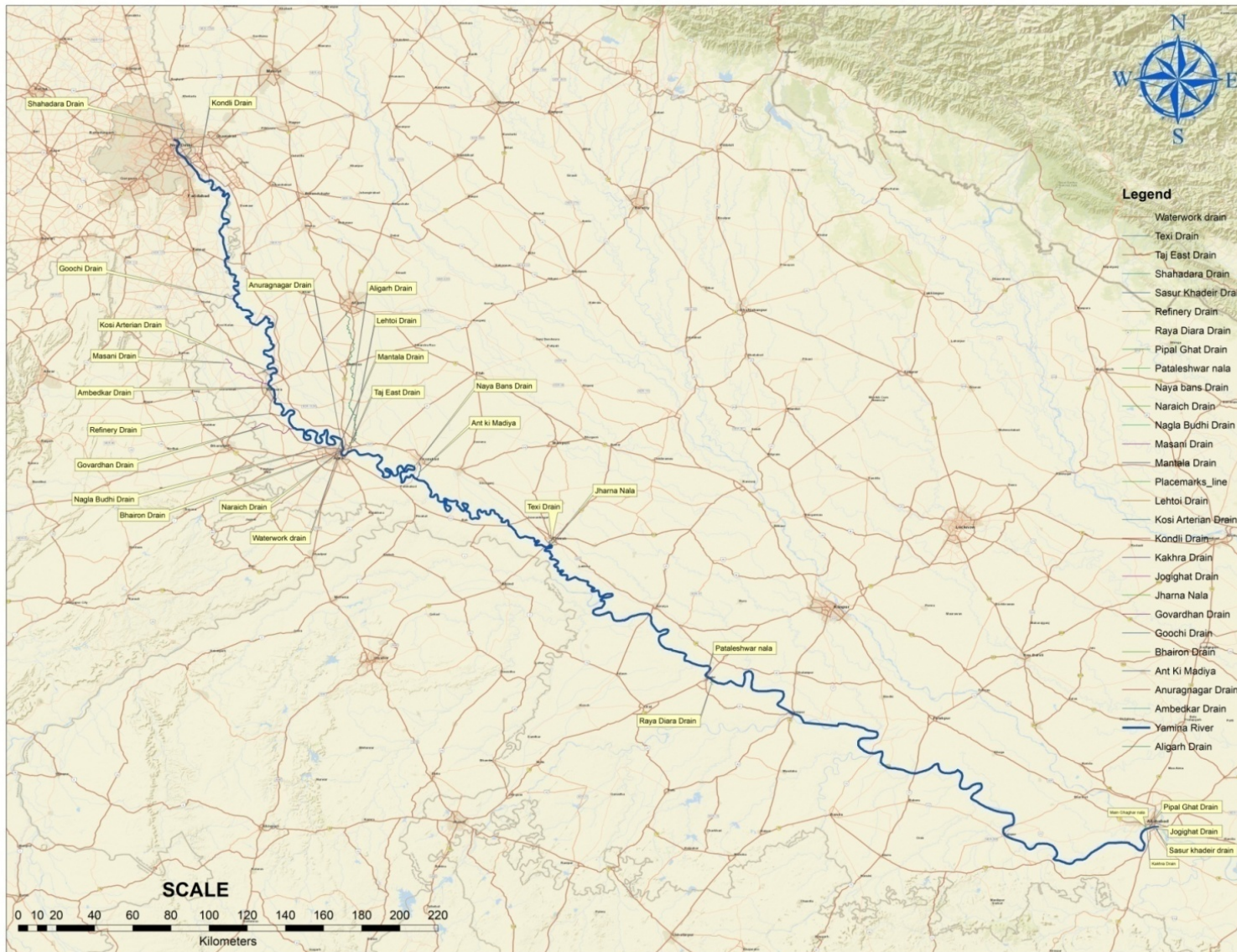


Fig : 3.1, GIS Map of the Polluted Stretch of river Yamuna with Drains

A. KONDLI DRAIN (G.B. NAGAR)

a. Origin

Kondli Drain originating point is G.B. Nagar. Drain starting point coordinates is Latitude: 28°36'6.92"N & Longitude: 77°20'14.50"E. Kondli Drain meeting to the Yamuna River at Kondli. Coordinates of the end point of the Kondli Drain is Latitude: 28°28'21.59"N & Longitude: 77°24'21.20"E.

b. Length covered

Covered Distance of Kondli drain from G.B. Nagar to meeting point to River Yamuna in Kondli is approx.: 17.3 km.

c. Details of industries & discharge of their effluent into the drain

74 industries discharge their effluent into the Kondli Drain. Total industrial effluent discharge from Kondli to River Yamuna is 5.2495 MLD.

Parameters	Results	
pH	7.50	
BOD (mg/l)	90	
COD (mg/l)	248	
TSS (mg/l)	206	
Date of Sampling	26.04.19	

B. Shahadra Drain (G.B. Nagar)

a. Origin

Shahadra Drain originating point is G.B. Nagar. Drain starting point coordinates is Latitude: 28°44'46.08"N & Longitude: 77°16'58.35"E. Shahadra Drain meeting to the Yamuna River at Shahadra. Coordinates of the end point of the Shahadra Drain is Latitude: 28°32'32.67"N & Longitude: 77°19'15.85"E.

b. Length covered

Covered Distance of Shahadra drain from G.B. Nagar to meeting point to River Yamuna in Shahadra is approx.: 28.8 km.

c. Details of industries & discharge of their effluent into the drain

This Drain originates in Delhi. It does not receive any industrial or domestic effluent from Noida (Gautam Budh Nagar), Uttar Pradesh.

Parameters	Results	
pH	7.27	
BOD (mg/l)	105	
COD (mg/l)	304	
TSS (mg/l)	282	
Date of Sampling	26.04.19	

C. Nizampur Drain (Bulandshahar)

a. Origin

Nizampur drain originates in Industrial Area, Sikandrabad, Bulandshahar.. Nizampur drain meets Yamuna River at Industrial Area, Sikandrabad, and Bulandshahar.

b. Length covered

Covered Distance of Nizampur drain from Bulandshahar to meeting point to River Karwan in Nizampur is approx.: 15.1 km. Karwan River ultimately meets river Yamuna near Agra.

c. Details of industries & discharge of their effluent into the drain

43 industries discharge their effluent into the Nizampur Drain. Total industrial effluent discharge from Nizampur to River Yamuna is 3.869 MLD.

Parameters	Results	
pH	6.8	
BOD (mg/l)	54.0	
COD (mg/l)	408	
TSS (mg/l)	112.0	
Date of Sampling	26.04.19	

D. Khurja Drain (Bulandshahar)

a. Origin

Khurja Drain originating point is Bulandshahar. Drain starting point coordinates is Latitude: 28°15'4.40"N & Longitude: 77°51'43.55"E. Coordinates of the end point of the Khurja Drain is Latitude: 28° 7'21.89"N & Longitude: 77°49'21.14"E

b. Length covered

Covered Distance of Khurja from Bulandshahar to meeting point to River Karwan in Bulandshahar is approx.: 24 km Karwan River ultimately meets river Yamuna near Agra.

c. Details of industries & discharge of their effluent into the drain

19 industries discharge their effluent into the Khurja Drain. Total industrial effluent discharge from Bulandshahar to River Yamuna is 3.341 MLD.

Parameters	Results	
pH	6.8	
BOD (mg/l)	54.0	
COD (mg/l)	408	
TSS (mg/l)	112.0	
Date of Sampling	26.04.19	

E. Aligarh Drain (Aligarh)

a. Origin


Aligarh Drain originating point is Aligarh. Drain starting point coordinates is Latitude: 27°51'22.64"N & Longitude: 78° 3'4.63"E. Aligarh Drain meeting to the Yamuna River at Aligarh. Coordinates of the end point of the Aligarh Drain is Latitude: 27°24'30.79"N & Longitude: 78° 3'52.95"E

b. Length covered

Covered Distance of Aligarh Drain from Aligarh to meeting point to River Yamuna in Aligarh is approx.: 16.0 km.

c. Details of industries & discharge of their effluent into the drain

19 industries discharge their effluent into the Aligarh Drain. Total industrial effluent discharge from Aligarh to River Yamuna is 6.3795 MLD.

Parameters	Results	
pH	8.4	
BOD (mg/l)	220	
COD (mg/l)	688	
T.S.S. (mg/l)	258	
Date of Sampling	26.04.19	

F. Lehtoi Drain (Aligarh)

a. Origin


Lehtoi originating point is Aligarh. Drain starting point coordinates is Latitude: 27°14'18.93"N & Longitude: 78° 4'58.51"E. Lehtoi meeting to the Yamuna River at Lehtoi, Aligarh. Coordinates of the end point of the Aligarh Drain is Latitude: 27°12'5.66"N & Longitude: 78° 4'48.75"E.

b. Length covered

Covered Distance of Aligarh Drain from Lehtoi to meeting point to River Yamuna in Aligarh is approx.: 8.0 km.

c. Details of industries & discharge of their effluent into the drain

07 industries discharge their effluent into the Lehtoi Drain. Total industrial effluent discharge from Lehtoi to River Yamuna is 2.566 MLD.

Parameters	Results	
pH	8.4	
BOD (mg/l)	220	
COD (mg/l)	688	
T.S.S. (mg/l)	367	
Date of Sampling	26.04.19	

G. Aligarh-Hathras Drain

a. Origin


Aligarh Hathras Drain originating point is Aligarh. Aligarh-Hathras Drain meeting to the Yamuna River at Hathras.

b. Length covered

Covered Distance of Aligarh-Hathras Drain from Hathras to meeting point to River Yamuna in Aligarh is approx.: 25.0 km.

c. Details of industries & discharge of their effluent into the drain

11 industries discharge their effluent into the Aligarh-Hathras Drain. Total industrial effluent discharge from Hathras to River Yamuna is 1.245 MLD.

Parameters	Results	<div>Latitude - 27.408625 Aligarh-Hathras Drain, Longitude- 78.064618</div> 
pH	7.9	
BOD (mg/l)	140	
COD (mg/l)	448	
T.S.S. (mg/l)	308	
Date of Sampling	26.04.19	

H. Gochi Drain (Mathura)

a. Origin

Gochi Drain originating point is Mathura. Drain starting point coordinates is Latitude: 27°55'37.58"N & Longitude: 77°28'34.85"E. Gochi Drain meeting to the Yamuna River at Mathura. Coordinates of the end point of the Gochi Drain is Latitude: 27°54'47.63"N & Longitude: 77°31'11.55"E

b. Length covered

Covered Distance of Gochi from Mathura to meeting point to River Yamuna in Gochi, Mathura is approx.: 4.77 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial or domestic effluent from Mathura, Uttar Pradesh.

Parameters	Results	
pH	7.2	
BOD (mg/l)	38	
COD (mg/l)	256	
TSS (mg/l)	262	
Date of Sampling	29-04-19	

I. Kosi Arterian Drain (Mathura)

a. Origin

Kosi Arterian Drain originating point is Mathura. Drain starting point coordinates is Latitude: 27°34'19.19"N & Longitude: 77°39'28.07"E. Kosi Arterian Drain meeting to the Yamuna River at Mathura. Coordinates of the end point of the Kosi Arterian Drain is Latitude: 27°34'58.59"N & Longitude: 77°41'13.78"E

b. Length covered

Covered Distance of Kosi Arterian from Mathura to meeting point to River Yamuna in Kosi Arterian, Mathura is approx.: 4.22 km.

c. Details of industries & discharge of their effluent into the drain

10 industries discharge their effluent into the Kosi Arterian Drain. Total industrial effluent discharge from Kosi to River Yamuna is 6.758 MLD.

Parameters	Results	
pH	7.4	
BOD (mg/l)	94	
COD (mg/l)	360	
TSS (mg/l)	248	
Date of Sampling	29-04-19	

J. Masani Drain (Mathura)

a. Origin


Masani Drain originating point is Mathura. Drain starting point coordinates is Latitude: 27°37'49.37"N & Longitude: 77°28'55.82"E. Masani Drain meeting to the Yamuna River at Mathura. Coordinates of the end point of the Masani Drain is Latitude: 27°30'57.77"N & Longitude: 77°40'48.55"E

b. Length covered

Covered Distance of Masani Drain from Mathura to meeting point to River Yamuna in Masani, Mathura is approx.: 28.4 km.

c. Details of industries & discharge of their effluent into the drain

47 industries discharge their effluent into the Masani Drain. Total industrial effluent discharge from Masani to River Yamuna is 2.9741 MLD.

Parameters	Results	
pH	7.1	
BOD (mg/l)	102	
COD (mg/l)	392	
TSS (mg/l)	254	
Date of Sampling	29-04-19	

K. Mahadev Ghat (Sadar Bazar Drain), Mathura

a. Origin


Mahadev Ghat originating point is Mathura. Mahadev Ghat meeting to the Yamuna River at Mathura.

b. Length covered

Covered Distance of Mahadev Ghat from Mathura to meeting point to River Yamuna in Mathura is approx.: 3.2 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Mathura, Uttar Pradesh.

Parameters	Results	 2019.05.08 16:49
pH	6.81	
BOD (mg/l)	70	
COD (mg/l)	442	
TSS (mg/l)	290	
Total Coliform (MPN/100 ml)	3500000	
Date of Sampling	29-04-19	

L. Ambakhar Drain (Mathura)

a. Origin


Ambakhar drain originates in Mathura. Coordinates of its origin point are Latitude: 27°29'51.28"N & longitude: 77°40'59.39"E. Ambakhar drain meets Yamuna River at Mathura. Coordinate of the end point of the Ambakhar drain are Latitude: 27°29'40.78"N & Longitude: 77°41'53.09"E.

b. Length covered

Covered Distance of Ambakhar from Mathura to meeting point to River Yamuna in Mathura is approx.: 6.0 km.

c. Details of industries & discharge of their effluent into the drain

31 industries discharge their effluent into the Ambakhar Drain. Total industrial effluent discharge from Mathura to River Yamuna is 0.0734 MLD.

Parameters	Results	
pH	7	
BOD (mg/l)	98	
COD (mg/l)	384	
TSS (mg/l)	248	
Date of Sampling	29-04-19	

M.Aurangabad Drain (Mathura)

a. Origin


Aurangabad Drain originates from Aurangabad Locality in Mathura. Aurangabad Drain meets Yamuna River at Mathura.

b. Length covered

Covered Distance of Aurangabad Drain from Mathura to meeting point to River Yamuna in Mathura is approx.: 6.0 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial or domestic effluent from Mathura, Uttar Pradesh.

Parameters	Results	
pH	6.81	
BOD (mg/l)	70	
COD (mg/l)	442	
TSS (mg/l)	290	
Total Coliform (MPN/100 ml)	3400000	
Date of Sampling	29-04-19	

N. Refinery Drain (Mathura)

a. Origin

Refinery Drain originates in Mathura. Coordinates of its origin point are Latitude: 27°22'19.35"N & longitude: 77°41'29.32"E. Refinery drain meets Yamuna River at Mathura. Coordinate of the end point of the Refinery drain are Latitude: 27°22'6.70"N & Longitude: 77°44'53.33"E.

b. Length covered

Covered Distance of Refinery from Mathura to meeting point to River Yamuna in Refinery Drain is approx.: 6.16 km.

c. Details of industries & discharge of their effluent into the drain

Only Mathura Refinery discharges their effluent into the Refinery Drain. Total industrial effluent discharge from Refinery Drain to River Yamuna is 11.16 MLD.

Parameters	Results	
pH	7.5	
BOD (mg/l)	22	
COD (mg/l)	192	
TSS (mg/l)	112	
Date of Sampling	29-04-19	

O. Goverdhan Drain (Mathura)

a. Origin


Goverdhan Drain originates in Mathura. Coordinates of its origin point are Latitude: 27°18'28.45"N & longitude: 77°36'12.46"E. Goverdhan drain meets Yamuna River at Mathura. Coordinate of the end point of the Goverdhan drain are Latitude: 27°18'21.00"N & Longitude: 77°48'6.00"E.

b. Length covered

Covered Distance of Goverdhan from Mathura to meeting point to River Yamuna in Mathura is approx.: 25.0 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Mathura, Uttar Pradesh.

Parameters	Results	 <p>Goverdhan Drain, near Vill-Churmura 27°18'21" N, 77°48'06" E Date-29-04-2019</p>
pH	7.2	
BOD (mg/l)	38	
COD (mg/l)	256	
TSS (mg/l)	262	
Date of Sampling	29-04-19	

P. Taj East Drain (Agra)

a. Origin


Taj East Drain originates in Agra. Coordinates of its origin point are Latitude: 27° 9'50.14"N & longitude: 78° 2'34.67"E. Taj East Drain meets Yamuna River at Agra. Coordinate of the end point of the Taj East Drain are Latitude: 27°10'36.74"N & Longitude: 78° 2'45.66"E.

b. Length covered

Covered Distance of Taj East Drain from Agra to meeting point to River Yamuna in Agra is approx.: 0.67 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Agra, Uttar Pradesh.

Parameters	Results	
pH	6.81	
BOD (mg/l)	70	
COD (mg/l)	442	
TSS (mg/l)	290	
Total Coliform (MPN/100 ml)	3500000	
Date of Sampling	26-04-19	

Q. Mantola Drain (Agra)

a. Origin


Mantola Drain originates in Agra. Mantola meets Yamuna River at Agra.

b. Length covered

Covered Distance of Mantola Drain to meeting point to River Yamuna in Agra is approx.: 0.67 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Agra, Uttar Pradesh.

Parameters	Results	
pH	7.81	
BOD (mg/l)	135	
COD (mg/l)	826	
TSS (mg/l)	470	
Total Coliform (MPN/100 ml)	24000000	
Date of Sampling	26-04-19	

R. Water Works Drain (Agra)

a. Origin

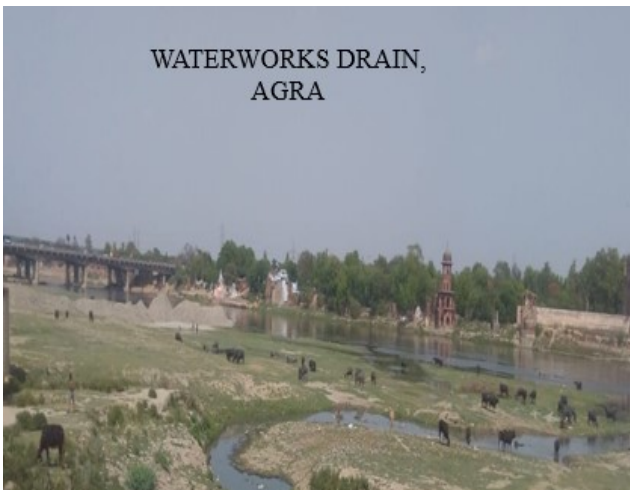
Water Works Drain originates in Agra. Coordinates of its origin point are Latitude: 27°12'36.97"N & longitude: 78° 0'45.48"E. Water Works Drain meets Yamuna River at Agra. Coordinate of the end point of the Water Works Drain are Latitude: 27°12'4.89"N & Longitude: 78° 1'59.95"E.

b. Length covered

Covered Distance of Water Works Drain to meeting point to River Yamuna in Agra is approx.: 2.46 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Agra, Uttar Pradesh.

Parameters	Results	
pH	7.46	
BOD (mg/l)	88	
COD (mg/l)	464	
TSS (mg/l)	270	
Total Coliform (MPN/100 ml)	2400000	
Date of Sampling	26-04-19	

S. Naraich Nala (Agra)

a. Origin


Naraich Nala originates in Agra. Coordinates of its origin point are Latitude: 27°12'23.50"N & longitude: 78° 2'23.71"E. Naraich Nala meets Yamuna River at Agra. Coordinate of the end point of the Naraich Nala are Latitude: 27°12'26.52"N & Longitude: 78° 2'14.21"E.

b. Length covered

Covered Distance of Naraich Nala to meeting point to River Yamuna in Agra is approx.: 0.31 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Agra, Uttar Pradesh.

Parameters	Results	
pH	7.88	
BOD (mg/l)	82	
COD (mg/l)	352	
TSS (mg/l)	264	
Total Coliform (MPN/100 ml)	9200000	
Date of Sampling	26-04-19	

T. Bhairo Nala (Agra)

a. Origin


Bhairo Nala originates in Agra. Coordinates of its origin point are Latitude: 27°11'51.81"N "N & longitude: 78° 1'8.23"E. Bhairo Nala meets Yamuna River at Agra. Coordinate of the end point of the Bhairo Nala are Latitude: 27°11'38.23"N & Longitude: 78° 1'41.34"E.

b. Length covered

Covered Distance of Bhairo Nala to meeting point to River Yamuna in Agra is approx.: 1.46 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Agra, Uttar Pradesh.

Parameters	Results	
pH	7.69	
BOD (mg/l)	132	
COD (mg/l)	738	
TSS (mg/l)	350	
Total Coliform (MPN/100 ml)	9200000	
Date of Sampling	26-04-19	

U. Nagla Budhi Nala (Agra)

a. Origin


Nagla Budhi Nala originates in Agra. Coordinates of its origin point are Latitude: 27°13'31.63"N & longitude: 77°59'43.01"E. Nagla Budhi Nala meets Yamuna River at Agra. Coordinate of the end point of the Nagla Budhi Nala are Latitude: 27°13'44.88"N & Longitude: 77°59'33.77"E.

b. Length covered

Covered Distance of Nagla Budhi Nala to meeting point to River Yamuna in Agra is approx.: 0.78 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Agra, Uttar Pradesh.

Parameters	Results	
pH	7.66	
BOD (mg/l)	72	
COD (mg/l)	418	
TSS (mg/l)	266	
Total Coliform (MPN/100 ml)	1600000	
Date of Sampling	26-04-19	

V. Anurag Nagar Nala (Agra)

a. Origin


Anurag Nagar Nala originates in Agra. Coordinates of its origin point are Latitude: 27°13'10.65"N & longitude: 78° 1'50.49"E. Anurag Nagar Nala meets Yamuna River at Agra. Coordinate of the end point of the Anurag Nagar Nala are Latitude: 27°13'11.56"N & Longitude: 78° 1'57.19"E.

b. Length covered

Covered Distance of Anurag Nagar Nala to meeting point to River Yamuna in Agra is approx.: 0.19 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Agra, Uttar Pradesh

Parameters	Results	
pH	7.64	
BOD (mg/l)	98	
COD (mg/l)	624	
TSS (mg/l)	268	
Total Coliform (MPN/100 ml)	3500000	
Date of Sampling	26-04-19	

W. Peelakhar Nala (Agra)

a. Origin


Peelakhar Nala originates in Agra. Coordinates of its origin point are Latitude: 27°12'6.00"N & longitude: 78° 2'59.00"E. Peelakhar Nala meets Yamuna River at Agra. Coordinate of the end point of the Peelakhar Nala are Latitude: 27°11'19.09"N & Longitude: 78° 3'19.22"E.

b. Length covered

Covered Distance of Peelakhar Nala to meeting point to River Yamuna in Agra is approx.: 1.08 km.

d. Details of industries & discharge of their effluent into the drain

20 industries discharge their effluent into the Peelakhar Nala. Total industrial effluent discharge from Agra to River Yamuna is 0.104 MLD.

Parameters	Results	
pH	7.88	
BOD (mg/l)	145	
COD (mg/l)	852	
TSS (mg/l)	476	
Total Coliform (MPN/100 ml)	54000000	
Date of Sampling	26-04-19	

X. Nayabans Drain (Firozabad)

a. Origin

Nayabans Drain originates in Firozabad. Coordinates of its origin point are Latitude: 27° 8'9.31"N & longitude: 78°23'16.35"E. Nayabans Drain meets Yamuna River at Firozabad. Coordinate of the end point of the Nayabans Drain are Latitude: 27° 7'29.40"N & Longitude: 78°22'8.95"E.

b. Length covered

Covered Distance of Nayabans Drain to meeting point to River Yamuna in Firozabad is approx.: 3.12 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Agra, Uttar Pradesh

Parameters	Results	
pH	7.6	
BOD (mg/l)	120	
COD (mg/l)	418	
TSS (mg/l)	188	
Date of Sampling	27-04-19	

Y. Ant ki Madiya Drain (Firozabad)

a. Origin


Ant ki Madiya Drain originates in Firozabad. Coordinates of its origin point are Latitude: 27° 8'36.03"N & longitude: 78°23'48.15"E. Ant ki Madiya Drain meets Yamuna River at Firozabad. Coordinate of the end point of the Ant ki Madiya Drain are Latitude: 27° 3'46.31"N & Longitude: 78°23'9.58"E.

b. Length covered

Covered Distance of Ant ki Madiya Drain to meeting point to River Yamuna in Firozabad is approx.: 12.5 km.

c. Details of industries & discharge of their effluent into the drain

18 industries discharge their effluent into the Ant ki Madiya. Total industrial effluent discharge from Firozabad to River Yamuna is 0.081 MLD.

Parameters	Results	
pH	7.8	
BOD (mg/l)	135	
COD (mg/l)	624	
TSS (mg/l)	192	
Date of Sampling	27-04-19	

Z. Texi Temple Drain (Etawah)

a. Origin


Texi Temple Drain originates in Etawah. Coordinates of its origin point are Latitude: 26°46'53.89"N & longitude: 79° 1'3.88"E. Texi Temple Drain meets Yamuna River at Etawah. Coordinate of the end point of the Texi Temple Drain are Latitude: 26°45'19.34"N & Longitude: 79° 0'38.99"E.

b. Length covered

Covered Distance of Texi Temple Drain to meeting point to River Yamuna in Etawah is approx.: 5.14 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Etawah, Uttar Pradesh.

Parameters	Results	
pH	7.4	
BOD (mg/l)	85	
COD (mg/l)	352	
TSS (mg/l)	170	
Date of Sampling	27-04-19	

AA. Jharna Nala (Etawah)

a. Origin


Jharna Nala originates in Etawah. Coordinates of its origin point are Latitude: 26°46'3.17"N & longitude: 79° 1'27.27"E. Jharna Nala meets Yamuna River at Etawah. Coordinate of the end point of the Jharna Nala are Latitude: 26°45'18.60"N & Longitude: 79° 1'5.76"E.

b. Length covered

Covered Distance of Jharna Nala to meeting point to River Yamuna in Etawah is approx.: 3.25 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Etawah, Uttar Pradesh.

Parameters	Results	
pH	7.8	
BOD (mg/l)	105	
COD (mg/l)	464	
TSS (mg/l)	138	
Date of Sampling	27-04-19	

BB. Rayad Divara Nala (Kalpi)

a. Origin

Rayad Divara Nala originates in Kalpi. Coordinates of its origin point are Latitude: 26° 5'46.59"N & longitude: 79°46'40.69"E. Rayad Divara Nala meets Yamuna River at Kalpi. Coordinate of the end point of the Rayad Divara Nala are Latitude: 26° 6'35.88"N & Longitude: 79°46'50.96"E

b. Length covered

Covered Distance of Rayad Divara Nala to meeting point to River Yamuna in Kalpi is approx.: 4.1 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Kalpi, Uttar Pradesh. Only untreated sewage meets Yamuna River at Kalpi.

CC. Patelshwar Nala (Hamirpur)

a. Origin

Patelshwar Nala originates in Hamirpur. Coordinates of its origin point are Latitude: 26° 7'37.70"N & longitude: 79°44'50.37"E. Patelshwar Nala meets Yamuna River at Hamirpur. Coordinate of the end point of the Patelshwar Nala are Latitude: 26° 7'50.11"N & Longitude: 79°45'4.53"E.

b. Length covered

Covered Distance of Patelshwar Nala to meeting point to River Yamuna in Hamirpur is approx.: 0.69 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial or domestic effluent from Hamirpur, Uttar Pradesh. Only untreated sewage meets Yamuna River at Patelshwar Nala, Hamirpur.

DD. Bekal Baba Nala, Rajapur (Chitrakoot)

a. Origin

Bekal Baba Nala originates in Rajapur, Chitrakoot. Coordinates of its origin point are Latitude: 25°23'30.26"N & longitude: 81° 8'30.44"E. Bekal Baba Nala meets Yamuna River at Rajapur, Chitrakoot. Coordinate of the end point of the Bekal Baba Nala are Latitude: 25°23'45.58"N & Longitude: 81° 8'57.23"E.

b. Length covered

Covered Distance of Bekal Baba Nala to meeting point to River Yamuna in Rajapur is approx.: 0.94 km.

c. Details of industries & discharge of their effluent into the drain

It does not receive any industrial effluent from Chitrakoot, Uttar Pradesh. Only untreated sewage meets Yamuna River at Rajapur, Chitrakoot.

EE. Sasurkhaderi (Prayagraj)

a. Origin

Sasurkhaderi River originates in Fatehpur. Sasurkhaderi River meets Yamuna River at Prayagraj. Coordinate of the end point of the Sasurkhaderi River are Latitude: 25°24'18.39"N & Longitude: 81°48'31.55"E

b. Length covered

Covered Distance of Sasurkhaderi River from Fatehpur to meeting point to River Yamuna in Prayagraj is approx.: 183.0 km.

c. Details of effluent discharge & water quality of Sasurkhaderi River

No Industrial effluent discharged in Sasurkhaderi River along its length. Traversing through Districts of Fatehpur & Prayagraj. It only receives domestic effluent in Prayagraj. **The River is mostly dry except during rainy season.** This is drain is tapped & sewage is diverted to Numayadahi STP.



FF. Ghaghar Drain (Prayagraj)

a. Origin

Ghaghar Drain originates in Prayagraj and meets Yamuna River at Prayagraj itself. Coordinate of the end point of the Ghaghar drain are Latitude: 25° 25' 1.2144" N & Longitude: 81° 49' 20.1036" E.

b. Length covered

Covered Distance of Ghaghar Drain from Prayagraj to meeting point into River Yamuna is approx.: 196.0 Meter.

c. Details of effluent discharge & water quality of Ghaghar Drain

The Drain is tapped, domestic effluent pumped to STP at Numayadahi, Prayagraj.

No industrial effluent discharged in Ghaghar Drain along its length.



GG. Kakraha Drain (Prayagraj)

a. Origin

Kakraha Drain originates in Prayagraj and meets Yamuna River at Prayagraj itself. Coordinate of the end point of the Kakraha Drain are Latitude: 25°25'7.37"N & Longitude: 81°49'31.37"E.

b. Length covered

Covered Distance of Kakraha Drain from Prayagraj to meeting point into River Yamuna is approx.: 155.0 Meter.

c. Details of effluent discharge & water quality of Kakraha Drain

The Drain is tapped, domestic effluent pumped to STP at Numayadahi, Prayagraj.

No industrial effluent discharged in Ghaghar Drain along its length.



HH. Pipal Ghat Drain (Prayagraj)

a. Origin

Pipal Ghat Drain originates in Prayagraj and meets Yamuna River at Prayagraj itself. Coordinate of the end point of the Pipal Ghat Drain are Latitude: 25° 25' 12.7416" N & Longitude: 81° 50' 0.9312" E.

b. Length covered

Covered Distance of Pipal Ghat Drain from Prayagraj to meeting point into River Yamuna is approx.: 115.0 Meter.

c. Details of effluent discharge & water quality of Pipal Ghat Drain

The Drain is tapped, domestic effluent pumped to STP at Numayadahi, Prayagraj.

No industrial effluent discharged in Ghaghar Drain along its length.



II. Jogighat Drain (Prayagraj)

a. Origin

Jogighat Drain originates in Prayagraj and meets Yamuna River at Prayagraj itself. Coordinate of the end point of the Jogighat Drain are Latitude: 25° 25' 11.1972" N & Longitude: 81° 49' 55.3368" E.

b. Length covered

Covered Distance of Jogighat Drain from Prayagraj to meeting point into River Yamuna is approx.: 105.0 Meter.

c. Details of effluent discharge & water quality of Jogighat Drain

The Drain is tapped, domestic effluent pumped to STP at Numayadahi, Prayagraj.

No industrial effluent discharged in Ghaghar Drain along its length.



3.2 DETAILS OF SEWAGE POLLUTION SOURCES

As mentioned above, total sewage discharged into River Yamuna through 35 major drains is approximately 807.53 MLD. There are 12 towns namely Gautam Budh Nagar, Vrindvan, Mathura, Agra, Firozabad, Etawah, Kalpi. Hamirpur and Prayagraj located in the catchment area of the river (**Appendix – 2**). The sewage and other effluent generated from these cities contribute to the organic load of the river. As mentioned earlier, the treatment of sewage is a major issue of concern as the total installed capacity of the 24 Sewage Treatment Plants is 618.8 MLD of which only 418.52 MLD is being utilized for its treatment. Only 17 STPs are complying with the prescribed standards; this indicates that the total treatment facility available is not being fully utilized owing to the incomplete household sewer connections and improper connectivity of conveyance channel to the Sewage Treatment Plants. The details of Sewage Treatment Plants along with installed capacity, utilized capacity, operating agency and discharge points are given in the table below:-

Details of STPs

S.No.	District	Name of STP	Installed Capacity (MLD)	Utilized Capacity (MLD)	Utilized Capacity %	Operating Govt. Agency	Compliance	Discharge Drain
							(Yes/No)	
1	GautamBuddh Nagar	Sector -50 (25 MLD SBR Outlet)	25	23	92 %	New Okla Industrial Development Authority	Yes	Through Kondli Irrigation Drain into Yamuna River
2	GautamBuddh Nagar	Sector -50 (34 MLD SBR Outlet)	34	32	94 %	New Okla Industrial Development Authority	Yes	Through Kondli Irrigation Drain into Yamuna River
3	GautamBuddh Nagar	Sector -54 (33 MLD SBR Outlet)	33	31	93 %	New Okla Industrial Development Authority	Yes	Through Kondli Irrigation Drain into Yamuna River

S.No.	District	Name of STP	Installed Capacity (MLD)	Utilized Capacity (MLD)	Utilized Capacity %	Operating Govt. Agency	Compliance	Discharge Drain
							(Yes/No)	
4	G.B. Nagar	Sector -54 (54 MLD SBR Outlet)	54	52	96 %	New Okla Industrial Development Authority	Yes	Through Kondli Irrigation Drain into Yamuna River
5	G.B. Nagar	Sector -168 (50MLD SBR Outlet)	50	47	94 %	New Okla Industrial Development Authority	Yes	Through Kondli Irrigation Drain into Yamuna River
6	Mathura	Trans Yamuna Laxmi Nagar (oxidation Pond)	14.5	7.2	49 %	Jal Nigam	No	Land
7	Mathura	Trans Yamuna Laxmi Nagar (UASB)	16.0	6.0	37.5 %	Jal Nigam	Yes	Land
8	Mathura	Masani (Oxidation)	13.59	7.99	58 %	Jal Nigam	No	Land
9	Mathura	100 Bed Hospital (UASB)	8	4	50 %	Jal Nigam	Yes	Land
10	Mathura	Pagal Baba Temple (oxidation Pond)	4	2	50 %	Jal Nigam	No	Land
11	Agra	Boodhi Ka Nagla	2.25	2.25	100 %	Jal Nigam Agra	No	Yamuna River
12	Agra	Peelakhar	10	9.56	95.60 %	Jal Nigam Agra	No	Yamuna River
13	Agra	Dhandhupura	78	63.44	81.33 %	Jal Nigam Agra	Yes	Agriculture
14	Agra	Jaganpur, Sikandarpur	14	13.85	98 %	Jal Nigam Agra	Yes	Agriculture
15	Agra	Bhim Nagri, Devri Road.	12	7.3	60 %	Jal Nigam Agra	Yes	River Yamuna
16	Agra	Sadarwan (Bichpuri)	40	12.3	30 %	Jal Nigam Agra	Yes	River Yamuna
17	Agra	Kalindi Vihar	4.5	4.5	100 %	Jal Nigam Agra	Yes	Through Karwan River to Yamuna
18	Agra	Dhandhupura	24	18.22	50 %	Jal Nigam Agra	Yes	Agriculture

S.No.	District	Name of STP	Installed Capacity (MLD)	Utilized Capacity (MLD)	Utilized Capacity %	Operating Govt. Agency	Compliance	Discharge Drain
							(Yes/No)	
19	Agra	Sadarwan (Bichpuri) New	36	9.83	75 %	Jal Nigam Agra	Yes	Land/Agra Cannal
20	Agra	Boodhi Ka Nagla	2.25	2.25	100 %	Jal Nigam Agra	Yes	Yamuna River
21	Firozabad	Near Sufisah ki dargah, Firozabad	67	0	0 %	Firozabad	No	Near Sufisah ki dargah, Firozabad
22	Etawah	Summersingh Kila, Near Texi Temple, Etawah	10.45	10.45	100 %	Etawah	Yes	Summersingh Kila, Near Texi temple, Etawah
23	Etawah	Mauza Umrain, Etawah	13.5	1.0	7 %	Etawah	No	Mauza Umrain, Etawah
24	Prayagraj	STP Numayadahi	50.0	50.0	100 %	U.P. Jal Nigam	Yes	Yamuna River
	Total		618.8	418.52				

Source: Desk Inventory of UPPCB

The details of proposed STPs as well as those which are under construction in Mathura, Agra, Etawah, Firozabad & Prayagraj for the treatment of gap generated in the sewage in the identified stretch of River Yamuna is shown in table:-

**Details of Plan for Treatment of Sewage Gap in River Yamuna Priority-1 Stretch from
Asgarpur (Noida) to Etawah & Shahpur to Balua Ghat (Prayagraj)**

Sl. No.	District	Name of Drain (City)	Details of STPs proposed		Details of DPR				Expected date of completion
			Name	Capacity (in MLD)	Status (under preparation/ prepared)	Amount of DPR (Rs. in crore)	Status of approval (submitted/ approved)	Funding Agency	
1	Mathura	Total 21 No. Drains	Masani	30	Sanctioned on Date-11.06.2018	460.45	Approved	-	Jan- 2021
2	Vrindavan	-	02 STP of 12 MLD (4+8) capacity exists	-	Rehabilitation work of 04 MLD STP & 05 I&D of nala hasbeen taken on going projects.	30.0	Sanctioned on Dated-11.12.2018	NMCG	Dec-2019
3	Agra	Total 90 No. Drains, 26 Tapped, 03 Partially Tapped, 61 Untapped	-	175	Sanctioned on Date-26.12.2018	857.26	Sanctioned on Date-26.12.2018	NMCG	Dec-2020
4	Etawah	02 Drains of 30.99 MLD, 02 STPs of 23.9 MLD exists	-	21	Sanctioned on Date-20.02.2019	140.60	Sanctioned on Date-20.02.2019	NMCG	Mar-2021

Sl. No.	District	Name of Drain (City)	Details of STPs proposed		Details of DPR				Expected date of completion
			Name	Capacity (in MLD)	Status (under preparation/ prepared)	Amount of DPR (Rs. in crore)	Status of approval (submitted/ approved)	Funding Agency	
5	Firozabad	02 Drains of 54.26 MLD, 01 STPs of 3.0 MLD exists	-	67 (Under Construction)	DPR of I&D Sanctioned Date- 01.03.2019	51.08	DPR of I&D Sanctioned Date- 01.03.2019	NMCG	Sep-2020
6	Prayagraj	Total 20 No. Drains, 12 Tapped, 02 Tapping not Required, 06 Untapped	Naini	42	Sanctioned Approved	767.60	Sanctioned Date- 19.05.2017	NMCG	36 Months from Sanctioned Date



Fig : 3.2, GIS map showing STPs and drain of River Yamuna

There are 121 villages located on the banks of this Priority-1 polluted stretch of river Yamuna. The total population of these villages is 338999 which generate 34.497 MLD of sewage that needs to be treated in-situ through traditional techniques. The Panchayati Raj Department of Government of Uttar Pradesh may be given responsibility of treatment of this sewage under Rashtriya Swachhata Mission-Gramin.

Analysis of gap generated in Sewage Treatment based on projection of Population for Year 2030 in the catchment of River Yamuna

S. NO.	CITY	POPULATION (AS PER CENSUS 2011)	DECANTAL GROWTH OF POPULATION %	ESTIMATED POPULATION 2030	WATER CONSUMPTION (MLD) (@135 LPCD)	ESTIMATED SEWAGE GENERATION YEAR 2030 (MLD)	INSTALLED CAPACITY OF EXISTING STP (MLD)	PROPOSED STP CAPACITY (MLD)	GAP IN STP CAPACITY UTILIZATION (MLD)
1	G.B. Nagar	1648115	37.11	2810184	379.37	303.50	196	NA	107.50
2	Aligarh	8,74,408	22.78	1252869	169.14	135.31	NA	NA	135.31
3	Hathras	1,35,594	17.12	179700	24.26	19.41	NA	NA	19.41
4	Mathura	3,49,909	22.78	501357	67.68	54.15	58.85	30	NA
5	Agra	15,85,704	22.05	2250035	303.75	243.00	223	175	NA
6	Firozabad	6,04,214	21.69	853217	115.18	92.15	67	67	NA
7	Etawah	2,56,838	18.15	345409	46.63	37.30	23.95	21	NA
8	Kalpi	51,670	16.19	67564	9.12	7.30	NA	NA	7.30
9	Hamirpur	35,475	10.19	42343	5.72	4.57	NA	NA	4.57
10	Rajapur, Chitrakoot	13,439	29.43	20954	2.83	2.26	NA	NA	2.26
11	Prayagraj	11,12,544	20.63	1548628	209.06	167.25	50	42	75.25
	Total	66,67,910	238.12	98,72,259	1332.76	1066.20	618.8	335	351.60

There are 11 Cities and Towns situated in the catchment area of Polluted Stretch of River Yamuna. Estimated Sewer Generation on the basis of projected Census 2030 is 1066.20 MLD. The installed capacity of existing STPs is 618.8 MLD and 335 MLD capacity STPs are proposed to be installed in Mathura, Agra, Firozabad, Etawah and Prayagraj but there is a gap in the treatment of Sewage Generated and STPs to be installed at G.B. Nagar, Aligarh, Hathras, Kalpi, Hamirpur, Rajapur (Chitrakoot) & Prayagraj.

3.3 DETAILS OF WASTE MANAGEMENT

3.3 (a) Municipal Solid Waste

In 10 Towns located in the catchment area of River Yamuna from Asgarpur to Etawah & Shahpur to Baluaghat (Prayagraj), total 2104.56 TPD Solid Waste is generated. All the cities/ULBs have been declared ODF by QCI. Although, the ULBs have been practicing door to door collection of MSW, however, there has been a lack of processing facility and it is required that ULBs establish Municipal Solid Waste Treatment & Disposal Facility as early as possible for restoring and maintaining the water quality of the river stretch under consideration. The city wise details of municipal solid waste generation are given below:

S.No.	District	Waste generated (approximately)(TPD)	Waste Collected (TPD)	Door to Door Collection	Remarks
1	Greater Noida	250	250	100%	125 acres land has been identified in Village Astauli in Greater Noida. However, same has not been developed. Presently waste collected is collected by authorized agency of Authority and dumped in low lying land.
2	Aligarh	337	337	100%	There exist a plant of 200 MT capacity in Aligarh City, 50 MT in Etawah, 55 MT plant in Fatehpur, Jhasnhi has a 3 MT plastic waste mangment plant which has been set up, however these ULBs has to ensure proceesing of msw in plants as per capacity for proper disposal of waste. Some other Cities/ULBs like Agra have been practicing decentralized waste management to some extent but it is required that all the Cities/ULBs on the bank of polluted stretch make action plan for setting up of processing plant
3	Hathras	50	50	100%	
4	Mathura	180	180	100%	
5	Agra	686.76	686.76	100%	
6	Firozabad	130	130	100%	
7	Etawah	75	75	100%	
8	Jalaun	19	19	100%	
9	Jhansi	265	265	100%	
10	Rajapur, Chitrakoot	7.25	7.25	100%	
	Total	2104.56	2104.56		

There are 121 villages located on the banks of this Priority-1 polluted stretch of river Yamuna. The total population of these villages is 3,38,999 which generate 84.75 TPD of un-segregated solid waste. This un-segregated solid waste is dumped in open plots or ponds/low lying areas in the villages which contribute to air and groundwater pollution. Details of villages, their location, population etc. is given in **Appendix –4**. The details of existing wetlands are given in **Appendix – 5**.

Details of Dumping Site 500 Meters from the edge of the River:

There is no dumping of Solid Waste site within 500 Meters from the edge of river in the identified stretch.

Gap Analysis of Municipal Solid Waste Treatment based on Year 2030 Population in the catchment of River Yamuna

S. No.	CITY	POPULATION (AS PER CENSUS 2011)	ESTIMATED POPULATION 2030	MSW GENERATION ESTIMATED (TPD)(@0.35 kg/ day)	AVAILABLE PROCESSING FACILITY (TPD)	GAP (TPD)	PROPOSED PROCESSING FACILITY & TIMELINE
1	G.B. Nagar	1648115	2810184	983.56	No	983.56	1 YEAR AS PER APENDIX-8
2	Aligarh	8,74,408	1252869	438.5	No	438.5	
3	Hathras	1,35,594	179700	62.9	No	62.9	
4	Mathura	3,49,909	501357	175.47	No	175.47	
5	Agra	15,85,704	2250035	787.51	No	787.51	
6	Firozabad	6,04,214	853217	298.63	No	298.63	
7	Etawah	2,56,838	345409	120.89	No	120.89	
8	Kalpi	51,670	67564	23.65	No	23.65	
9	Hamirpur	35,475	42343	14.82	No	14.82	
10	Rajapur, Chitrakoot	13,439	20954	7.33	No	7.33	
	Total	55,55,366	83,23,632	2913.26		2913.26	

There are 10 Cities and Towns situated at the catchment area of Polluted Stretch of River Yamuna. Estimated MSW generation on the basis of projected Census 2030 is 2913.26 TPD. There is no processing facility available in these towns. Therefore, gap of 2913.26 TPD exists in the catchment area of polluted River Stretch.

3.3 (b) Bio-Medical Waste

In 09 cities and towns located in the catchment of polluted stretch of River Yamuna, there are 2723 Health Care Facilities which generate 8530 Kg/Day of Bio-Medical Waste. All the Health Care Facilities have valid agreements with 08 Common Bio-Medical Waste Treatment Facilities situated in Ghaziabad, Mathura, Agra, Kanpur, Jhansi and Prayagraj for collection, transportation and disposal of Bio-Medical Waste. The segregation of Bio-Medical Waste and disposal in the CBWTFs as per the provisions of Bio-Medical Waste Management Rules, 2016 is a major area of concern. The mixing of Bio-Medical Waste with Municipal Solid Waste is also observed which also needs to be addressed. The details of Bio-Medical Waste generated in the Cities/Towns and details of Common Bio-Medical Waste Treatment Facilities are given below:

S.No.	District	Total No. of H.C.Fs	Bio Medical Waste generated (Kg/Day)	Bio Medical Waste Treated (Kg/Day)	No. of H.C.Fs attached with CBWTF	No. of H.C.Fs having captive treatment facility	Gap between waste generated & treatment capacity available (Kg/Day)	Remarks
1	G.B. Nagar	726	2371	2371	726	0	0	All the HCFs are Members of CBWTF
2	Aligarh	337	1469	1469	337	0	0	All the HCFs are Members of CBWTF
3	Hathras	151	274	261	144	0	13	144 HCFs are Members of CBWTF
4	Mathura	194	1137	1137	194	0	0	All the HCFs are Members of CBWTF

5	Agra	899	1850	1725	838	0	125	838 HCFs are Members of CBWTF
6	Firozabad	91	494	494	91	0	0	All the HCFs are Members of CBWTF
7	Etawah	44	364	364	44	0	0	All the HCFs are Members of CBWTF
8	Jalaun	51	220	160	37	0	60	37 HCFs are Members of CBWTF
9	Jhansi	230	351	295	173	1	56	173 HCFs are Members of CBWTF
	Total	2723	8530	8276	2584	1	254	

Source: Desk Inventory of UPPCB

Details of Bio-Medical Waste Treatment Facilities

S. No.	Name of the CBWTF operator connect No. & Address	Total No. of HCFs Being Covered	Coverd District	Treatment facility available			BMW Treatment capacity Kg/day	Number of Vehicles	Status of On Line Continuous Emission Monitoring System & Connectivity	Validity of issued Authorization
				Incinerator	Auto Clave	Shredder				
1	2	3	4	5	6	7	8	9	10	11
1	M/s Ferro Build Hard (India) Pvt. Ltd. 83-A Maheba Purab Patti, Naini, Allahabad.	347	Allahabad , Raibareilly , Pratapgarh	200 kg/hr	720 kg/day	400 kg/day	3800	9 with GPS	Installed, not Connected	18.12.2019
2	M/s Willword Environmental Inc.- Chaudhrypur Mandhava, Kanpur	344	Kanpur Nagar, Farokkhabad, Mainpuri, Etawa	100 kg/hr	250 ltr/shift	50 kg/hr	1700	4 with GPS & hologram	Installed, not Connected	31.12.2023
3	M/s Sangam Medicare , Handiya Allahabad	158	Allahabad , Varanasi, Kaushambi, Sonbhadra, Mirjapur, Jaunpur, Pratapgarh, Chitrakot	250 kg/hr	500 ltr/shift	400 kg/day	4000	10 with GPS	Installed & Connected	19.01.2023
4	M/s MPCC Bhelamau, Bhavti, Kanpur	887	Kanpur Nagar, Kanpur Dehat Hamirpur, Fatehpur Unnao, Kannouj	200 kg/hr	800 ltr/shift	100 kg/hr	4000	10 with GPS & hologram	Installed, not Connected	31.12.2023

5	M/s MPCC Bijauli, Jhansi	235	Jhansi Jalaun Lalitpur Mahoba	100 kg/hr	500 ltr/shift	50 kg/hr	2000	5 with GPS	Installed, not Connected	31.12.2023
6	M/s Synergy Waste Management (p) Ltd. 011- 26933371 Subharti Medical College, Subharti Puram, Meerut	1537	G.B. Nagar Gaziabad Hapur Bulandshaheer Bijnor Meerut Shamli Bagpat Muzaffarnagar sharanpur	300 kg/hr	300 kg/batch	300 kg/hr	4000	20 with GPS & hologram	Installed & Connected	31.12.2019
7	M/s J.R.R Waste Management Pvt. Ltd (Formely Name M/s Dutt Interprises Ltd. (Office)-29, Alkapuri Hirabag, Dayalbag, Agra-282003, (Plant)- Khasra No.- 670, Mauja- Darhera, Tahsil- Atmadpur, Agra	981	Agra Hathras Firozabad Mainpuri	200 kg/hr	50 kg/shift	100 kg/hr	2500	11 with GPS	Installed, not Connected	31.12.2024
8	M/s Bio Medical Waste, Disposal Agency- Khasra No.- 622, Vill. Padrona Raya- Maat Mathura	432	Mathura, Eta Aligarh Kashganj Firozabad, Sambhal, Hathrash	200 kg/hr	50 kg/shift	100 kg/hr	2500	5 (GPS in 1 vehicle)	Installed, not Connected	20.03.2021

Source: Desk Inventory of UPPCB

3.3 (c) Hazardous Waste

The total hazardous waste generation in the catchment area of the concerned stretch from 771 industrial units is **14608.82** Ton/Annum which is collected, treated and disposed by 02 Common Facilities located near Kanpur Dehat. The details of Hazardous Waste generated and the treatment facilities are given below:

S.No.	District	Total No. of Hazardous Waste Generating Units	Hazardous Waste Generated (TPA)				Facility for Treatment & Disposal of Hazardous Waste	Gap between waste generated & treatment capacity available (TPA)
			Incinerable	Landfillable	Recyclable	Total		
1	G.B. Nagar	428	2090.61	5051.44	1850.12	8992.17	The Incinerable & Landfillable Hazardous waste is disposed to authorized TSDFs 1- U.P. Waste Management Project, Kanpur Dehat. 2- Bharat Oil & Waste Management, Kanpur Dehat	There is no Gap between generation & disposal of Hazardous Waste
2	Bulandshahr	86	134	343.8	15.54	493.34		
3	Aligarh	35	NIL	11.25	174.875	186.125		
4	Hathras	6	NIL	175.90	17.125	193.025		
5	Mathura	104	0	505.4	56.25	561.65		
6	Agra	49	0	23.26	1125	1148.26		
7	Firozabad	4	0	6.55	0	6.55		
8	Etawah	2	0	0.25	2.50	2.75	The Incinerable & Landfillable	There is no Gap between generation
9	Auraiya	3	1963.75	418.19	0	2381.94		

S.No.	District	Total No. of Hazardous Waste Generating Units	Hazardous Waste Generated (TPA)				Facility for Treatment & Disposal of Hazardous Waste	Gap between waste generated & treatment capacity available (TPA)
			Incinerable	Landfillable	Recyclable	Total		
10	Kanpur Dehat	28	2787.51	3184.44	1312.5	7284.45	Hazardous waste is disposed to authorized TSDFs 1- U.P. Waste Management Project, Kanpur Dehat. 2- Bharat Oil & Waste Management, Kanpur Dehat	on & disposal of Hazardous Waste
11	Jalaun	03	14.675	75.0	0	89.675		
12	Jhansi	10	100.0	1.125	205.64	306.765		
13	Lalitpur	02	1.38	0	0	1.38		
14	Fatehpur	11	156.0	2105.50	184.75	2445.75		
	Total	771	5023.315	6506.865	3078.64	14608.82		

Source :Desk Inventory of UPPCB

3.3 (d) E-Waste

In the State, a total 43 Common E- Waste Disposal Facility is operational. Out of these, 10 units are collection center, 18 have the facility of collection & dismantling whereas remaining 15 are collection, dismantling and recycling centers. The cumulative capacity of these plants- 2,64,552 TPA and 10,000 Pieces/Annum. The quantum of E-Waste generated in the State is approximately 86,000 TPA. Hence there is no gap in the generation and treatment infrastructure for safe E-Waste handling as per the provisions of E-Waste Rules, 2016. The status report of E-Waste disposal facilities in the State is enclosed at **Appendix-6**.

4. DETAILS OF INDUSTRIAL POLLUTION SOURCES:

There are 300 water polluting industries located in the catchment area of the present stretch of Yamuna River **Appendix- 3**. These industries have effluent treatment plants and their treated effluent is discharged through 18 drains, where treated industrial effluent is mixed with the sewage. The industries are grossly polluting in nature which belong to Sugar, Pulp & Paper, Distillery, Textile, Slaughter House etc. There is a textile industrial cluster in Mathura at Site-A, UPSIDC, Industrial Area, and Mathura in which there are 26 Saari Washing & Printing Units. Out of which presently only - 30 are functional and remaining 20 lying closed due to there own reasons. The installed capacity is 6.5 MLD but at present due to self closure of industries, the capacity being utilized 3.0 MLD only. The treated effluent being discharged in municipal drain (Ambakhar Drain) which ultimately leads to river Yamuna which has been partially tapped and diverted to STP Trans-Yamuna, treated effluent is discharged into River Yamuna through Ambakhar Drain. The drain wise and sector wise distribution of industries and their GIS Mapping is shown below in Fig 4.1,4.2,4.3,4.4 estimated treated effluent discharge and details of CETP is given in the tables below:

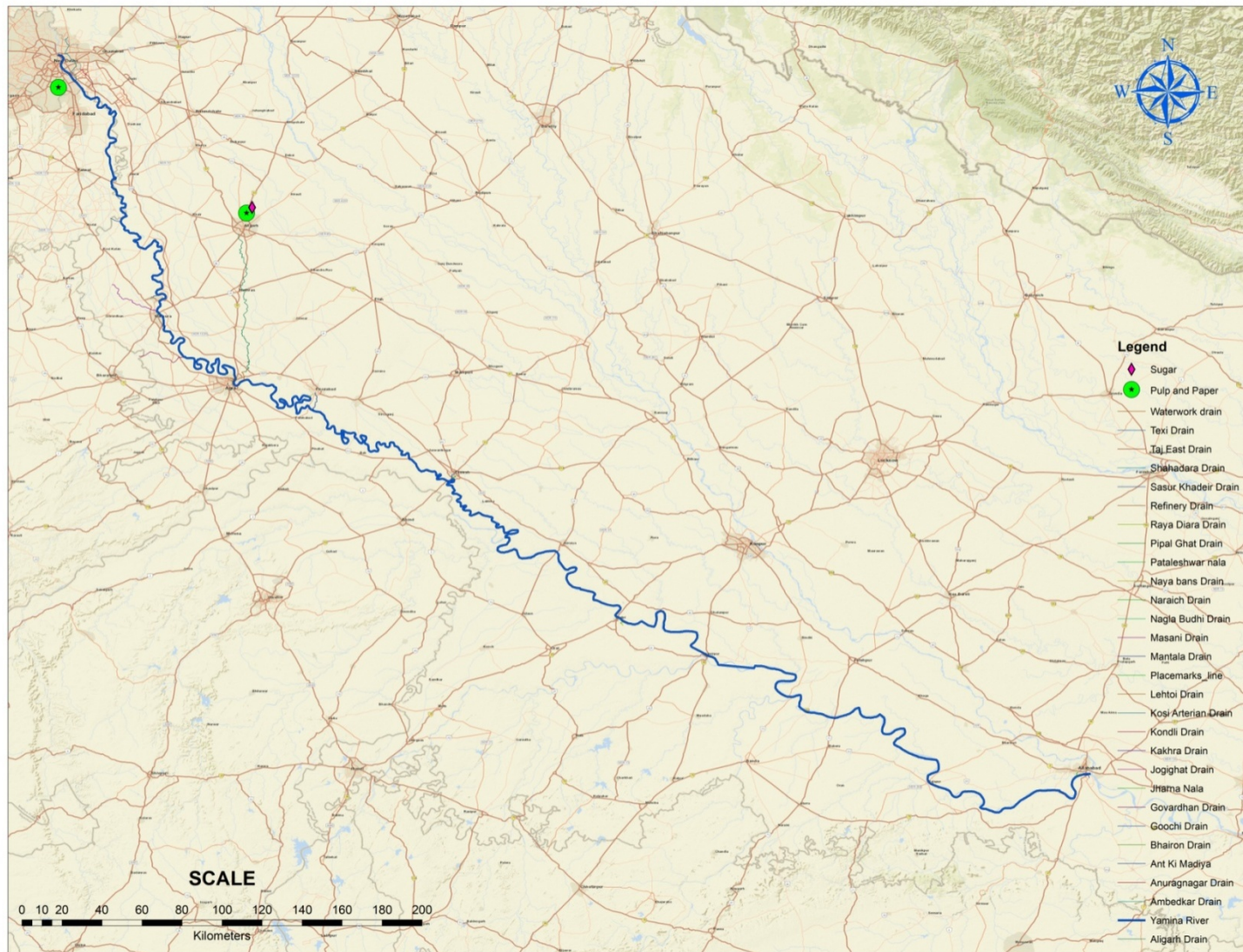


Fig : 4.1: GIS map showing Sugar & Pulp and Paper Industries and drains

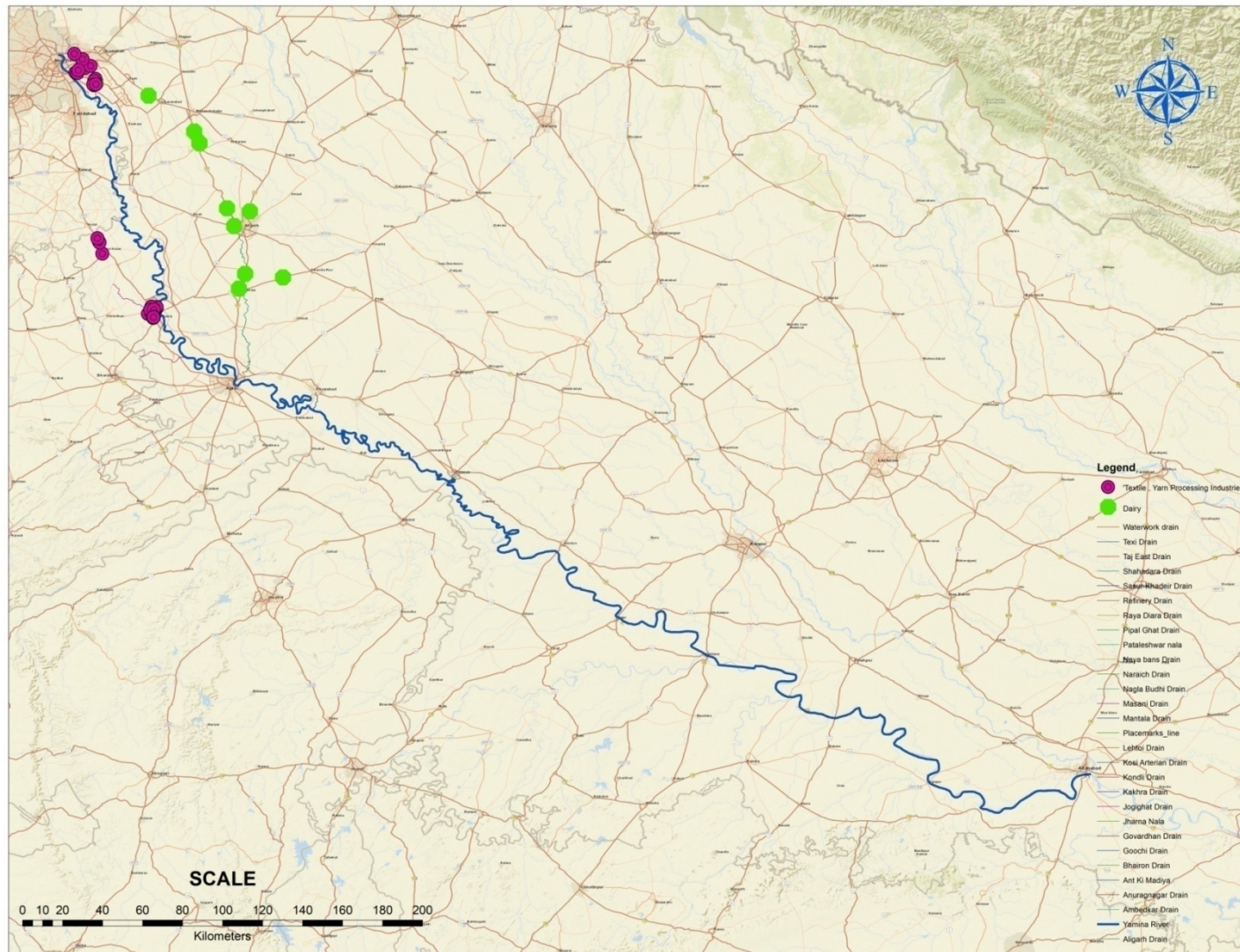


Fig : 4.2: GIS map showing Textiles and Dairy Industries and drains

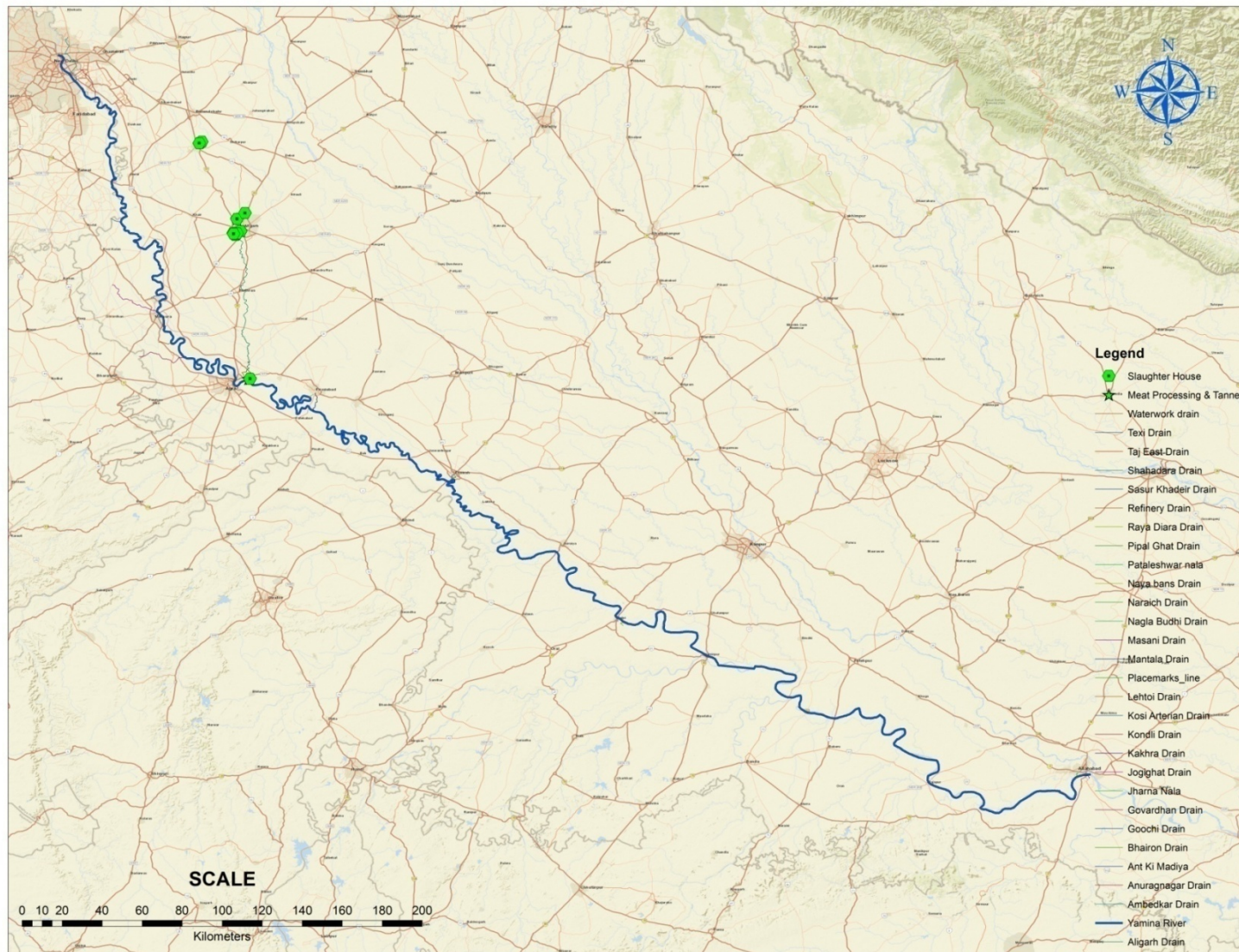


Fig : 4.3: GIS map showing Slaughter Houses, Sugar & Distillery Industries and drains

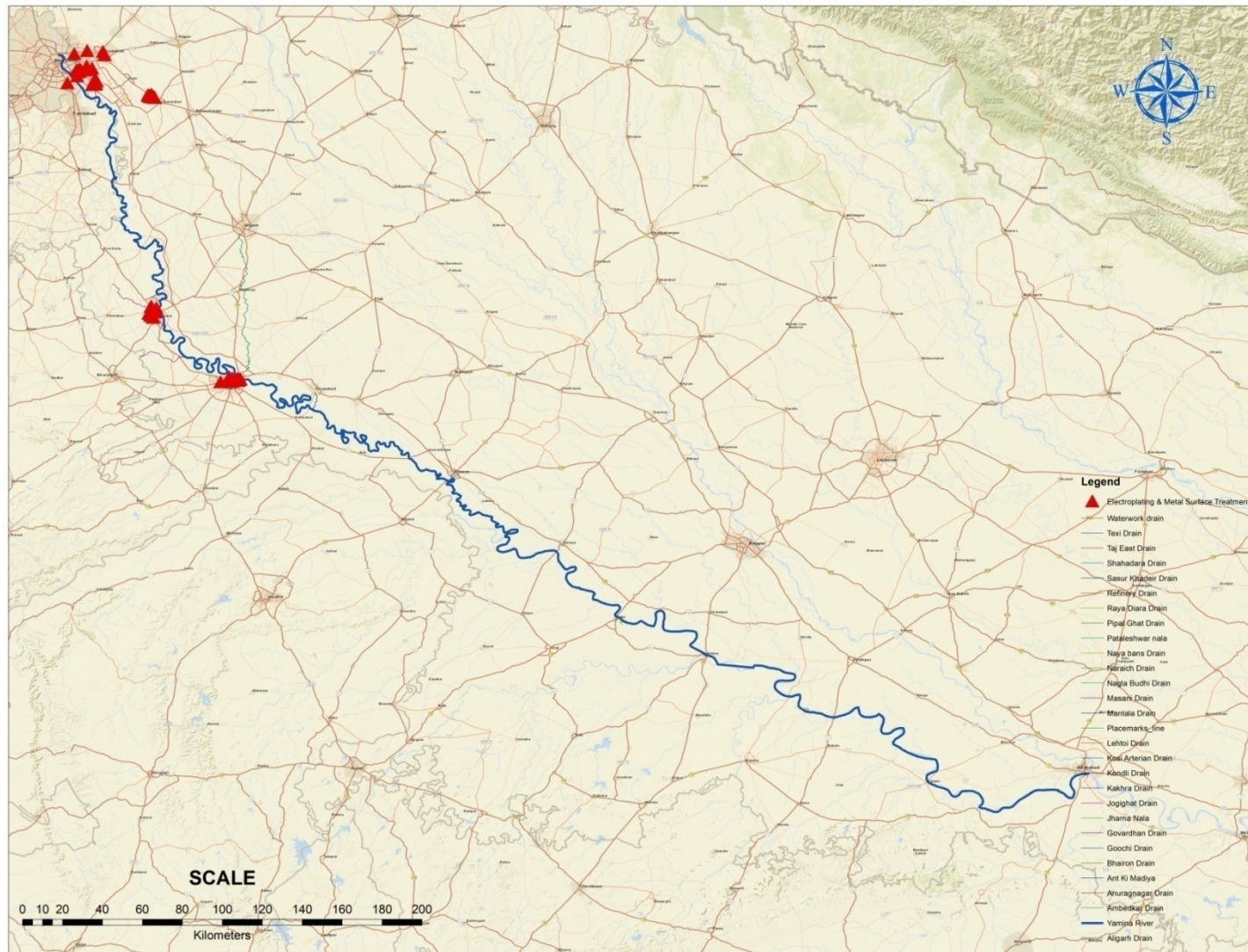


Fig : 4.4: GIS map showing Other industries and drain

4.1 DETAILS OF INDUSTRIAL UNITS

The drain wise and sector wise distribution of industries and their discharge & the details of CETP Pradushan Niwaran Co. Ltd., Mathura Audyogik Chetra I Unit Site-A D-90 Ind. Area, Mathura is also given in the tables below:

Summary of Industrial Units

S.No.	District	Drain	Type of Industry								Total Effluent Discharge (MLD)
			* The Type of Industry may be changed as per local conditions								
			Sugar	Pulp & Paper	Distillery	Textile	Slaughter House	Tannery	Others	Total	
1	G.B. Nagar	Kondli/Noida Drain	0	1	0	24	0	0	49	74	5.2495
4	Bulandshahr	Nizampur/Khurja Drain	0	0	0	24	3	0	35	62	7.210
5	Aligarh	Aligarh Drain	0	0	0	0	8	0	11	19	6.3795
6		Chherrat/Lehtoi Drain	1	0	0	1	1	0	4	7	2.566
7	Hathras	Aligarh-Hathras Drain	0	0	0	5	0	0	6	11	1.245
8	Mathura	Kosi Arterian Drain	0	0	0	6	0	0	4	10	6.758
9		Masani Drain	0	0	0	24	0	0	23	47	2.9741
10		Ambakhar Drain	0	0	0	20	0	0	11	31	0.0734
11		Refinery Drian	0	0	0	0	0	0	1	1	11.16
12	Agra	Peelakhar Nala	0	0	0	0	2	0	18	20	0.104

S.No.	District	Drain	Type of Industry								Total Effluent Discharge (MLD)
			* The Type of Industry may be changed as per local conditions								
			Sugar	Pulp & Paper	Distillery	Textile	Slaughter House	Tannery	Others	Total	
13	Firozabad	Naya Bans, Firozabad/ Ant Ki madiya, Firozabad	0	0	0	0	0	0	18	18	0.081
15	Auraiya	-	0	0	0	0	0	0	0	0	0
16	Kanpur Dehat	-	0	0	0	0	0	0	0	0	0
17	Hamirpur	-	0	0	0	0	0	0	0	0	0
18	Prayag	-	0	0	0	0	0	0	0	0	0
	Total		1	1	0	104	14	0	180	300	43.8005

Details of CETPs

S.No.	District	Name of CETP	Location		Installed Capacity (MLD)	Utilized Capacity (MLD)	Operating Govt. Agency/SPV	Discharge Drain
			Latitude	Longitude				
1	Mathura	Pradushan Niwaran Co. Ltd., Mathura Audyogik Chetra I Unit Site-A D-90 Ind. Area, Mathura	77.667861	27.48095	6.5 MLD	3.25 MLD	Operation By self Technically Upgradation by NMCG Delhi is Under Process	Ambakhar

4.2 GAP ANALYSIS OF INDUSTRIES SITUATED IN THE CATCHMENT OF RIVER YAMUNA

Presently polluted stretch of River Yamuna receives approximately 43.80 MLD treated industrial effluent. The industry situated in the catchment of the polluted river stretch utilizes ground water needed for their processes. Total estimated water extraction by the industries is approximately 56.72 MLD against the discharge of 43.80 MLD by the industries. This indicates that about 15-20 per cent of the treated effluent is recycled in the processes and rest accounts for the evaporation losses and consumption in the products.

Sector wise Gap analysis is given below: -

- I. **Paper:-** There are 04 Paper industries in the catchment of polluted river stretch which consume 2.80 MLD groundwater and 0.85 MLD treated effluent is discharged. Paper industries as mentioned at S.No. 162, 297, 298 of **Appendix -3A** completely recycle the treated effluent & working on zero liquid discharge (ZLD).
- II. **Slaughter House: -** There are 14 slaughter houses in the catchment of polluted river stretch which consume 8.77 MLD of groundwater & 7.0 MLD treated effluent is discharged. For reduction of water consumption & strengthening of Pollution control system as per guidelines of CPCB have to be taken up as per the action points prescribed with time line given in **Appendix –3 B**.
- III. **Textile: -** There are 103 textile/yarn dyeing industries in the catchment of polluted river stretch which consume 13.24 MLD groundwater & 10.99 MLD treated effluent is discharged. For reduction of water consumption & strengthening of Pollution control system as per charter prepared by CPCB, the action points with timeline are given in **Appendix –3C**.
- IV. **Electroplating:-** There are 110 Electroplating industries in the catchment of polluted river stretch which consume 2.18 MLD ground water & 1.71 MLD treated effluent is discharged. For reduction of water consumption &

strengthening of Pollution control system as per guidelines of CPCB, the action points with time line are given in **Appendix –3D**.

- V. **Sugar:-** There is only one Sugar Mill in the catchment of polluted river stretch of Yamuna which consume 0.6 MLD groundwater and 0.4 MLD treated effluent is discharged. The sugar mill has gaps related to improvement of ETPs and utilization of treated effluent in irrigation. The detail gap analysis may be referred to in **Appendix 3A** at serial no- 161. These gaps are to be fulfilled within 06 months. This will help in reducing the water consumption, improving the quality of treated effluent and reuse of water in irrigation.
- VI. Remaining industries are Dairy units, Chemical units, Pharmaceutical formulation units, Meat Processing units, Metalizing unit at Firozabad, Vegetable processing, Harbal products units etc. All these units except 16 of Metalizing units of Firozabad are having adequate ETPs & regular monitoring is done by U.P. Pollution Control Board. Metalizing units are micro level industry situated at Firozabad. Small amount of effluent is generated from washing and coloring of glass bangles. ETP is to be installed in these units within 06 Months.
- VII. **CETP, Mathura:-** Only one CETP is situated at UPSIDC, Industrial Area, Site- A, Mathura for treatment of effluent generated from Saari washing & printing units and is operated by SPV. The installed capacity of the CETP is only 6.5 MLD & presently capacity utilization is 3.25 MLD. The CETP performance is satisfactory also. The summery of monitoring reports of this CETP are enclosed in **Appendix –3E**. Upgradation of CETP by NMCG is under progress.

5. STATUS OF GROUND WATER

The Priority-1 polluted stretch of Yamuna River from Gautam Budh Nagar to Baluaghat Prayagraj. The river flows through 14 Development Blocks in the districts of Gautam Budh Nagar, Vrindvan, Mathura, Agra, Firozabad, Etawah, Auraiya, Kalpi, Hamirpur, Fatehpur, Citrakoot and Prayagraj etc. The status of Ground Water in these blocks is given below-

River Yamuna Stretch (Asgarpur to Etawah & Shahpur to Prayagraj (Balua Ghat)							
Ground Water Status							
S. No.	Name of District	Name of Block	Pre Monsoon / Post Monsoon water level				Status of Exploitation
			May-15	Aug-15	Nov-15	Jan-16	
1	Agra	Bah	34.2	33.3	33.2	33.38	Safe
2		Fatehabad	41.6	41.73	42.2	42.16	Over extracted
3	Mathura	Chhata	2.8	1.77	2.64	2.5	Safe
4		Mat	15.09	14.68	14.87	15.05	Semi- critical
5		Baldeo	6.3	4.55	5.94	5.99	Over extracted
6		Mathura Sader	10.8	11.3	*2.37	**3.08	Safe
7	Firozabad	Shikohabad	15.7	15.54	15.1	15.68	Semi- critical
8	Fatehpur	Bahua	13.3	12.4	12.75	12.6	Semi- critical
9	Etawah	Bakewar	5.74	5.43	7.52	7.68	Safe
10	Chitrakoot	Raipura	10.9	11.08	12.8	**12.9	Critical
11	Jalaun	Kalpi	23.45	21.95	27.36	***23.73	Safe
12		Jalaun	3.4	3.2	3.05	7.85	Safe
13	Hamirpur	Bewar	11.46	9.82	10.23	11.16	Safe
14	Prayagraj	Naini	13.18	10.99	*13.18	13.55	Safe
SOURCE:							
http://cgwb.gov.in/District_Profile/UP/Jalaun.pdf							* Pre Mansoon Data of 2015
http://cgwb.gov.in/District_Profile/UP/Agra.pdf							** Pre Mansoon Data of 2016
http://cgwb.gov.in/District_Profile/UP/Mathura.pdf							*** Pre Mansoon Data 2012
http://cgwb.gov.in/District_Profile/UP/Fatehpur.pdf							
http://cgwb.gov.in/District_Profile/UP/Hamirpur.pdf							
http://cgwb.gov.in/District_Profile/UP/Etawah.pdf							
http://upgwd.gov.in/MediaGallery/cat2013.pdf							

**CHEMICALS ANALYSIS DATA OF SAMPLES COLLECTED FROM
GROUND WATER MONITORING WELLS IN UTTAR PRADESH 2015 -2016
River Yamuna Stretch (Asgarpur to Etawah & Shahpur to Prayagraj (Balua Ghat))**

S.NO	District	Block	pH	E.C.µ S/cm at25°C	CO ₃	HCO ₃	Cl	F	NO ₃	SO ₄	TH	Ca	Mg	Na	K	SiO ₂	PO ₄	TDS	RSC	SAR
					-----mg/l-----															
1	Agra	Bah	8.1	1720	nil	598	121	0.45	150	38	450	60	73	180	3.7	36	ND	1118	0.97	3.69
2		Fatehabad	8.4	2580	84	549	284	2	25	230	150	28	19	520	2	31	ND	1677	8.95	18.47
3	Mathura	Chhata	8	2338	nil	476	461	0.57	24	181	640	16	100	325	5.2	22	ND	1519.7	-4.86	5.59
4		Farah	8	3982	nil	464	1035	0.77	24	185	1310	176	209	342	2.1	18	ND	2588.3	-18.45	4.11
5		Mathura	8.1	4287	nil	817	1042	0.44	25	121.6	1140	160	178	524	7.1	26	ND	2786.55	-9.17	6.75
6		Mat	8.1	2125	nil	537	346	0.64	19	144	410	72	41	334	48	31	ND	1381.25	0.76	7.17
7	Etawah	Chakkarnagar	7.9	875	nil	500	14	0.7	21	3	230	60	19	95	3.4	37	ND	568.75	3.74	2.72
8	Fatehpur	Malwan	8	2712	nil	427	213	3.51	21	753	270	32	46	563	4.1	24	ND	1762.8	1.72	4.98
9	Firozabad	Shikohabad	7.9	722	nil	366.06	14	0.78	52	26	180	18	33	89	3.8	27	ND	469.3	2.5	2.88
10		Firozabad Sadar	8.5	805	24	414.868	21	1.6	9.8	22	100	12	17	158	1.5	19	ND	523.25	5.71	6.87
11	Chitrakoot	Chitrakoot	7.9	1160	nil	354	135	0.5	98	51	420	60	66	87	1	35	ND	754	-2.5	1.84
12	Hamirpur	Hamirpur Sadar	8.2	1012	nil	342	113	0.18	48	58	250	36	39	137	301	27	ND	657.8	0.69	3.77
13	Jalaun	Jalaun Sadar	7.8	1186	nil	494.181	121	0.85	36	22	490	68	78	58	2.5	25	ND	770.9	-1.57	1.14
14	Prayagraj	Shankargarh	8	398	nil	183	21	0.34	2.9	13	130	44	4.9	30	2.9	18	ND	258.7	0.45	1.16

SOURCE:- GWYB - NR 2015-16

Note:-

ND- Not Detectable

RSC- Residucal Sodium Carbonate

SAR- Sodium Absorption Ratio

6. MONITORING OF POLLUTION SOURCES

6.1 MONITORING OF DRAINS

All the 46 major drains are being monitored. The roaster of the monitoring is as shown in the table below. The sampling points are selected near the confluence of the drains with the Yamuna River. Care has been taken that there is no backwater effect of the river at the sampling point and no source of pollution joins the drain after the sampling point. The details of drain sampling points are given below:

Drain Sampling Points

S.No.	District	Name of Drain	Monitoring Point			Monitoring Frequency	Controlling Regional Office
			Place	Latitude	Longitude		
1	GautamBuddh Nagar	Kondli Drain	U/S Kondli Drain sec-12/22,Noida	28°59'00.94" N	77°34'00.54" E	Ouaterly	Noida
2	GautamBuddh Nagar	Kondli Drain	D/S Kondli Drain Vill-ChakMangraula,Noida	28°28'24.72" N	77°24'21.50" E	Ouaterly	Noida
3	GautamBuddh Nagar	Shahadra Drain	U/S Shahadra Drain sec-14A,Noida	28°34'58.50" N	77°18'22.50" E	Ouaterly	Noida
4	GautamBuddh Nagar	Shahadra Drain	D/S Shahadra Drain Before meeting Yamuna River OkhlaBarrage,Noida	28°32'44.50" N	77°19'08.60" E	Ouaterly	Noida
5	Bulandshahr	Nizampur Drain	Sikandrabad	28°20'02.4"N	77°45'33.9"E	—	Bulandshahar
6	Bulandshahr	Khurja Drain, Vill. Kila	Khurja	28°14'06.7"N	77°51'06.3"E	—	Bulandshahar

S.No.	District	Name of Drain	Monitoring Point			Monitoring Frequency	Controlling Regional Office
			Place	Latitude	Longitude		
7	Aligarh	Aligarh Drain	Aligarh	27° 50' 17.16" N	78° 2' 53.6388" E	Monthly	Aligarh
8	Mathura	Gochi Drain(Ganda Nala)	Vrindavan	27°54'52"N	77°31'04"E	Monthly Monitoring	Yes
9	Mathura	Kosi Arterian Drain	Vrindavan	27°34'57"N	77°41'12"E	Monthly Monitoring	Yes
10	Mathura	Masani Drain	Mathura	27°30'52"N	77°40'51"E	Monthly Monitoring	Yes
11	Mathura	Ambakhar Drain	Mathura	27°29'41"N	77°41'52"E	Monthly Monitoring	Yes
12	Mathura	Refinery Drian	Refinary	27°22'07"N	77°44'51"E	Monthly Monitoring	Yes
13	Mathura	Goverdhan Drain	Goverdhan	27°18'21"N	77°48'06"E	Monthly Monitoring	Yes
14	Agra	Burhi ka nagla drain	Burhikanagla drain	27° 13' 31.3644" N	77° 59' 44.376" E	Monthly	Agra
15	Agra	Manoharpur drain	Manoharpur drain	22° 13' 12" N	78° 1' 48" E	Monthly	Agra
16	Agra	Waterworks drain	Waterworks drain	27° 12' 8.136" N	78° 1'50.4192" E	Monthly	Agra
17	Agra	Bhairon drain	Bhairon drain	27° 11' 35.52" N	78° 1' 37.1676" E	Monthly	Agra
18	Agra	Taj East Gate Drain	Taj East Gate Drain	27° 10' 33.96" N	78° 2' 34.8" E	- Monthly	Agra

S.No.	District	Name of Drain	Monitoring Point			Monitoring Frequency	Controlling Regional Office
			Place	Latitude	Longitude		
19	Agra	Naraich Drain	Naraich Drain	27° 12' 23.3352" N	78° 2' 24.18" E	Monthly	Agra
20	Agra	Peelakhar Drain	Peelakhar Drain	27°12'05.5"N	78°02'58.9"E	Monthly	Agra
21	Agra	Mantola Drain	Mantola Drain	27°10'31.9"N	78°01'28.3"E	Monthly	Agra
22	Firozabad	Naya Bans, Firozabad	Naya Bans	27°07'35"N	78°22'35 E	Once in a month	Firozabad
23	Firozabad	Ant Ki Madiya, Firozabad	Ant Ki Madiya	27°03'58" N	78°23'8"E	Once in a month	Firozabad
24	Etawah	Texi Tample nala, Etawah	Near Texi Tample	26°45'49"N	79°0'88"E	Once in a month	Firozabad
25	Etawah	Jharna Nala, Etawah	Near Shamshan Ghaat, Jharna Nala	26°45'38"N	79°0'54"E	Once in a month	Firozabad
26	Mainpuri	Kharja Nala (Power House), Mainpuri	Kharja Nala (Power House),	27°12'44"N	79°2'56"E	Once in a month	Firozabad
27	Prayagraj	Main Ghaghar Drain	Main Ghaghar Drain	25° 25' 16.536" N	81° 49' 12.396" E	Weekly	Prayagraj
28	Prayagraj	Ghaghar Drain-1-A	Ghaghar Drain-1-A	25° 25' 1.2144" N	81° 49' 20.1036" E	Weekly	Prayagraj
29	Prayagraj	Ghaghar Drain-1-A1	Ghaghar Drain-1-A1	25° 25' 1.2144" N	81° 49' 20.1036" E	Weekly	Prayagraj
30	Prayagraj	Ghaghar Drain -1-B	Ghaghar Drain -1-B	25° 25' 6.1392" N	25° 25' 6.1392" N	Weekly	Prayagraj
31	Prayagraj	Kakaraha Ghat Drain	Kakaraha Ghat Drain	25° 25' 7.3812" N	81° 49' 32.2392" E	Weekly	Prayagraj
32	Prayagraj	Pipal Ghat Drain	Pipal Ghat Drain	25° 25' 12.7416" N	81° 50' 0.9312" E	Weekly	Prayagraj

S.No.	District	Name of Drain	Monitoring Point			Monitoring Frequency	Controlling Regional Office
			Place	Latitude	Longitude		
33	Prayagraj	Jogi ghat Drain	Jogi ghat Drain	25° 25' 11.1972" N	81° 49' 55.3368" E	Weekly	Prayagraj
34	Prayagraj	Chachar drain	Chachar drain	25° 25' 31.3212" N	81° 50' 16.3392" E	Weekly	Prayagraj
35	Prayagraj	Emergeny Outfall Drain	Emergeny Outfall Drain	25° 25' 9.6744" N	25° 25' 9.6744" N	Weekly	Prayagraj
36	Prayagraj	Drain Gate No-9	Drain Gate No-9	25° 25' 43.3956" N	81° 51' 7.65" E	Weekly	Prayagraj
37	Prayagraj	Drain Gate No-13	Drain Gate No-13	25° 25' 49.3536" N	25° 25' 49.3536" N	Weekly	Prayagraj
38	Prayagraj	Sasur Khaderi	Sasur Khaderi	25° 25' 7.2732" N	81° 52' 2.4312" E	Weekly	Prayagraj
39	Prayagraj	Fort Drain-1	Fort Drain-1	25° 25' 45.4008" N	25° 25' 45.4008" N	Weekly	Prayagraj
40	Prayagraj	Fort Drain-2	Fort Drain-2	25° 25' 27.498" N	81° 50' 59.946" E	Weekly	Prayagraj
41	Prayagraj	Karelabagh Drain	Karelabagh Drain	25° 24' 40.986" N	81° 48' 51.6924" E	Weekly	Prayagraj
42	Prayagraj	Mawaiya Drain	Mawaiya Drain	25° 21' 53.6292" N	81° 54' 54.2268" E	Weekly	Prayagraj
43	Prayagraj	Mahewa Ghat Drain-1	Mahewa Ghat Drain-1	25° 25' 2.8704" N	81° 50' 15.8352" E	Weekly	Prayagraj
44	Prayagraj	Mahewa Ghat Drain-2	Mahewa Ghat Drain-2	25° 25' 7.0176" N	81° 50' 26.3652" E	Weekly	Prayagraj
45	Prayagraj	Arail Drain - 2(Kharkauni Drain)	Arail Drain - 2(Kharkauni Drain)	25° 25' 29.8596" N	81° 52' 42.222" E	Weekly	Prayagraj
46	Prayagraj	Saccha Baba Ashram Drain	Saccha Baba Ashram Drain	25° 25' 18.8616" N	81° 53' 7.5912" E	Weekly	Prayagraj

6.2 MONITORING OF RIVER

The priority-1 polluted stretch of river Yamuna will be monitored at 25 places so as to ascertain adverse effect of pollution by various sources in the river. The details of sampling points and monitoring frequency are shown in table below:

River Sampling Points

S.No.	District	Monitoring Point			Monitoring Frequency	Controlling Regional Office
		Place	Latitude	Longitude		
1	GautamBuddh Nagar	U/S Okhla Barrage	28°32'45.9" N	77°18'53.2" E	Monthly	Noida
2	GautamBuddh Nagar	D/S Vill-Tilwara	28°24'29.2" N	77°29'49.4" E	Monthly	Noida
3	Hathras	Sadabad	27.425616	78.068230	Monthly	Aligarh
4	Mathura	Gochi Drain(Ganda Nala)	27°54'52"N	77°31'04"E	Monthly	Mathura
5	Mathura	Kosi Arterian Drain	27°34'57"N	77°41'12"E	Monthly	Mathura
6	Mathura	Masani Drain	27°30'52"N	77°40'51"E	Monthly	Mathura
7	Mathura	Ambakhar Drain	27°29'41"N	77°41'52"E	Monthly	Mathura
8	Mathura	Refinery Drian	27°22'07"N	77°44'51"E	Monthly	Mathura
9	Mathura	Goverdhan Drain	27°18'21"N	77°48'06"E	Monthly	Mathura
10	Agra	U/S KAILASH GHAT	27° 14' 10.968" N	77° 14' 10.968" E	Twice in Month	Agra

S.No.	District	Monitoring Point			Monitoring Frequency	Controlling Regional Office
		Place	Latitude	Longitude		
11	Agra	U/S WATER WORKS NEAR JAWAHAR BRIDGE	27° 1' 24.996" N	78° 15' 3.996" E	Twice in Month	Agra
12	Agra	D/S AGRA NEAR TAJMAHAL	27° 10' 33.6" N	27° 10' 33.6"E	Twice in Month	Agra
13	Agra	Meeting point of Yamuna river and karvan river, MOHARE WALI DARGAH ,	27° 10' 35.976" N	78° 5' 2.9976" E	Monthly	Agra
14	Firozabad	Yamuna River, Naya Bans, Firozabad	27°7'29"N	78°22'9"E	Monthly	Firozabad
15	Firozabad	Yamuna River, Ant Ki Madiya, Firozabad	27°9'40"N	78°19'15"E	Monthly	Firozabad
16	Etawah	Yamuna River, Yamuna Bridge, Etawah- Bhind Road, Etawah	26°44'43"N	78°59'9"E	Monthly	Firozabad
17	Etawah	Yamuna River, Shamshan Ghaat, Etawah	26°45'2"N	78°1'5"E	Monthly	Firozabad
18	Mainpuri	Kali River, Timanpura, Shareefpur- Dhumri road, Kurawali, Mainpuri	27°46'45"N	78°90'44"E	Regular	Firozabad
19	Mainpuri	Kali River, Hannukheda, Bichwan -Aliganj Road, Mainpuri	27°24'15"N	78°7'13"E	Regular	Firozabad
20	Mainpuri	Ishan Nadhi, Tej Singh Chauraha, Bridge, Mainpuri- Kurawali road, Mainpuri	27°15'23"N	78°10'25"E	Monthly	Firozabad
21	Mainpuri	Ishan Nadhi, Jail Chauraha, Deewani Road, Mainpuri	27°14'4"N	78°3'23"E	Monthly	Firozabad
22	Prayagraj	Yamuna Sarswati Ghat	25° 25' 51.9204" N	81° 52' 4.5372" E	Monthly	Prayagraj
23	Prayagraj	U/S water intake	25° 24' 50.148" N	81° 49' 9.5412" E	Monthly	Prayagraj

S.No.	District	Monitoring Point			Monitoring Frequency	Controlling Regional Office
		Place	Latitude	Longitude		
24	Prayagraj	D/S Chachar Nala	25° 25' 21.8244" N	81° 50' 35.9808" E	Monthly	Prayagraj
25	Prayagraj	D/S Emergency Outfall	81° 51' 24.534" N	81° 51' 24.534" E	Monthly	Prayagraj

The monitoring data for the last three years is available at **Appendix-7**

6.3 MONITORING OF WATER POLLUTING INDUSTRIES

All the water polluting industries will be monitored regularly by 03 agencies namely UPPCB, District Ganga Committee/Zila Paryavaran Samiti and Third Party Institutions of repute. GPIs will be monitored quarterly and other industries will be monitored randomly by District Ganga Committee/Zila Paryavaran Samiti. Third Party Institutions shall also be entrusted with the responsibility of comprehensive monitoring by CPCB and NMCG. Besides this the drive for identification and closure of illegal industries operating in non-conforming areas shall also be carried out by District Ganga Committees/Zila Paryavaran Samitis with appropriate Magisterial and Police support.

6.4 ESTABLISHMENT OF YAMUNA POLLUTION CONTROL ROOM

A Control Room for monitoring and centralized reporting of various pollution sources will be established in Agra with appropriate infrastructure and human resource. This control room will be under overall supervision of Commissioner, Agra and will be run by UP Pollution Control Board with the help of District Ganga Committees/Zila Paryavaran Samitis. For monitoring purpose, District Ganga Committees/Zila Paryavaran Samitis will be employing JRFs/Monitoring Assistants on contractual basis with the financial support of District Ganga Committees/Zila Paryavaran Samitis. Educational/Technical Institutions and Colleges will also be identified for taking their help in monitoring and remediation of pollution sources. Capacity building for monitoring of pollution sources of the students of such identified institutions and colleges will also be done by Pollution Control Board. The Control Room with adequate infrastructure viz. LED Monitor, Desktop, Printer, Wi-Fi facility, Room rent including electricity charges etc. shall be established by UP Pollution Control Board with financial support from National Mission for Clean Ganga (NMCG). The monitoring will be done from the Control Room with the help of Web Portal on which monitoring data from field shall be uploaded. The Web Portal will be developed by UP Pollution Control Board and login ID and Password will be provided to District Ganga Committees/Zila Paryavaran Samitis for access to the portal and uploading of monitoring data of various pollution sources.

7. POLLUTED RIVER STRETCH REJUVENATION ACTION PLAN

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
A. SEWAGE MANAGEMENT				
(a) Short Term Action Point				
1	Estimation of total sewage generation from City/Towns where sewage treatment facility does not exist and preparation of DPR for treatment of sewage	02 Months	U.P. Jal Nigam & Concerned ULBs	
2	Measurement of flow & load of all the drains contributing pollution load in River Yamuna	02 Months	U.P. Jal Nigam & Concerned ULBs	
3	Installation of Bar-meshes in the drains & regular cleaning & disposal of Solid Waste from them	03 Months	Concerned ULBs	The ULBs will ensure compliance in the prescribed time line as informed by Urban Development Department.
4	Untapped drains to be provided with modular treatment facilities/ In-Situ bio-remediation or Phytorid-SWAB (CSIR-NEERI) based treatment	06 Months	U.P. Jal Nigam & Concerned ULBs	The ULBs/Urban Development Department will ensure compliance in the prescribed time line as informed by Urban Development Department.
5	Completion and commissioning of under construction STP (Details on para- 3.2).	Details on para- 3.2	U.P. Jal Nigam/ Govt. working Agencies	Timeline as informed by Urban Development Department, Govt. of U.P.
6	Formulation of Action Plan for long term use of treated water discharged from STPs	03 Months	U.P. Jal Nigam, Irrigation & Concerned ULBs in consultation with UPPCB/CPCB	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
7	Installation of Web Cams & OCEEMS in STPs	03 Month	U.P. Jal Nigam/ Operating Govt. Agencies	
8	Formulation of Action Plan for income generation of STPs including installation of Solar Power Plants, Energy Plantation & sale of sludge and treated water, bio-composting etc.	03 Months	U.P. Jal Nigam & ULBs	
9	Obtaining Consent to Operate/Establish and Hazardous Authorization from UPPCB	02 Months	U.P. Jal Nigam/ Operating Govt. Agencies	
10	Preparation of DPR for channelization including diversion of sewage generated from household / township / villages to sewer lines and interception of all drains (excluding drains carrying industrial wastewater) for ensuring proper treatment through upcoming STPs.	Within 3 Months	Jal Nigam / Nagar Nigam, Concerned Districts	
11	Septage Management in the areas where sewerage network does not exist	Within 6 Months	ULBs/Jal Nigam	The ULBs will ensure compliance in the prescribed time line as informed by Urban Development Department.
b. Long Term Action Point				
1	Laying of Sewerage Network & Connection of households to the sewer line in order to utilize the installed capacity of existing STPs	24Months from sanction of DPR	U.P. Jal Nigam & Concerned ULBs	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
2	Establishment of Sewage Treatment Plants of adequate capacity	24 to 30 Months from sanction of DPR	U.P. Jal Nigam & Concerned ULBs	Detailed plan alongwith details of status of DPR, source of funding etc. Is given in para-3.2 as informed by Urban Development Department, U.P.
3	Tapping & diversion of the drains having high sewage load to STPs to be constructed on I&D model	24 to 30 Months from sanction of DPR	U.P. Jal Nigam & Concerned ULBs	Detailed plan alongwith details of status of DPR, source of funding etc. Is given in para-3.2 as informed by Urban Development Department, U.P.
4	Infrastructure Development in Irrigation/Horticulture/ Sprinkling/Industrial use etc. And ensuring use of treated water	24 to 30 Months from sanction of DPR	U.P. Jal Nigam & Concerned ULBs	Detailed plan alongwith details of status of DPR, source of funding etc. Is given in para-3.2 as informed by Urban Development Department, U.P.
5	Installation of Solar Power Plant & Energy Plantations in the vacant land of STPs	12 Months from sanction of DPR	U.P. Jal Nigam/ Operating Govt. Agencies	
6	Installation of supplementary/tertiary treatment system in existing STPs which are not able to achieve discharge norms in the present system	12 Months from sanction of DPR	U.P. Jal Nigam & Concerned ULBs	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
7	Treatment of waste water in Rural areas flowing into the river by Bio-remediation/Phyto-remediation/Oxidation Pond etc.	12 Months	Gram Panchayat, Panchayati Raj, Rural Development Departments, Rastriya Swachta Mission-Gramin	The financial resources may be arranged from MNREGA/Swachh Bharat Mission – Gramin
8	Ensuring ODF in all the villages situated along the river	12 Months	Gram Panchayat, Panchayati Raj, Rural Development Departments, Rastriya Swachta Mission-Gramin	
B. INDUSTRIAL WASTE MANAGEMENT				
(a) Short Term Action Point				
1	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	03 Months	UPPCB, UPSIDC, ULBs & Department of Industries	
2	Monitoring of water polluting industries and ensuring closure of industries which are operating without consent or non-compliant	Quarterly	UPPCB & CPCB	
3	Installation of OCEEMS, Flow Meter & Web Cams in large and medium category of GPIs with connectivity to the server of CPCB and UPPCB	03 Months	UPPCB	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
4	Closure and legal action against the illegal water polluting industries operating in non-confirming /residential areas	Regular activity	District Level Inter-Departmental Enforcement Committee having representatives of Administration, Police, UPPCB, ULBs, Development Authority, Power Corporation, Department of Industries etc.	
5	Upgradation of CETP at UPSIDC, Industrial Area, Site- A, Mathura.	06 Months	Concerned SPV, Mathura, UPPCB & NMCG	
6	Installation of ETPs in 16 No. Metalizing units of Firozabad.	06 Months	CPCB, UPPCB & Industrial Department	
(b) Long Term Action Point				
1	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	UPPCB, CPCB & Department of Industries	
2	Imposing stringent norms in Distillery, Pulp & Paper, Slaughter House & Tannery sectors	24 Months	Departments of Environment, Industries, Excise & UPPCB	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
3	Reducing abstraction of ground water by reuse/recycle of treated effluent by installation of additional treatment facilities & process improvement	12 Months	CGWA, CPCB, Department of Industries & UPPCB	
4	Use of treated effluent from CETPs for industrial and irrigation purposes	12 Months	Department of Industries, SPVs, Operating Agencies, UPPCB & CPCB	
5	Actions related to improvement of ETPs and reduction of use of ground water by the industries as per the prescriptions given in Appendices 3A, 3B, 3C, 3D & 3E.	6 to 24 Months	Department of Industries, UPPCB & CPCB	
6	Modification of CETP, Mathura	24 Months	SPV with the help of NMCG	

C. SOLID WASTE & FLOOD PRONE ZONE MANAGEMENT

(a) Short Term Action Point

1	Strictly ensuring prohibition of dumping of solid & other waste within 500 Meters of the banks of the river	Immediate	ULBs, Gram Panchayat Development Authorities & Urban Development Department	
2	Collection & Segregation of Solid Waste as per the provision of SWM Rules, 2016	Immediate	ULBs, Gram Panchayat Development Authorities & Urban	The ULBs will ensure compliance as per timeline given according to the Action Plan (Appendix-8) as informed by Urban Development Department, UP.

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
			Development Department	Panchayati Raj Department, UP will ensure compliance in Rural Areas.
3	Disposal of Recyclable waste through registered recyclers	Immediate	ULBs, Gram Panchayat, Development Authorities & Urban Development Department	The ULBs will ensure compliance as per timeline given according to the Action Plan (Appendix-8) as informed by Urban Development Department, UP. Panchayati Raj Department, UP will ensure compliance in Rural Areas.
4	Compliance of SWM Rules, 2016 by bulk generators (onsite bio-composting, disposal of recyclable waste through registered recyclers)	02 Months	ULBs, Development Authorities, Railways, Transport Corporation, Mandi Parishad, Cantonment Board, Educational Institution, RWAs & Urban Development Department etc.	The ULBs will ensure compliance as per timeline given according to the Action Plan (Appendix-8) as informed by Urban Development Department, UP. Panchayati Raj Department, UP will ensure compliance in Rural Areas.
5	Upgradation & operation of existing non-operational & non-complying Solid Waste Treatment Facilities as per prescribed norms	06 Months	ULBs, Development Authorities & Urban Development Department	The ULBs will ensure compliance as per timeline given according to the Action Plan (Appendix-8) as informed by Urban Development Department, UP. Development Authorities will also ensure compliance in concerned areas.
6	Compliance of C&D Waste Management Rules, 2016 & prohibition of illegal dumping of C&D waste	Immediate	ULBs, Development Authorities & Urban Development Department	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
7	Installation of Web Cams in Solid Waste & C&D Waste Treatment & Disposal Facilities with open access to UPPCB & CPCB server connectivity	03 Month of functioning of the processing plants	ULBs, Development Authorities & Urban Development Department	
8	Formulation of Action Plan for income generation of Solid Waste & C&D Waste Treatment & Disposal Facilities including installation of Solar Power Plants, Energy Plantation & sale of RDF, compost etc.	02 Months	ULBs, Development Authorities & Urban Development Department	The ULBs will ensure compliance as per timeline given according to the Action Plan (Appendix-8) as informed by Urban Development Department, UP. Development Authorities will also ensure compliance in concerned areas.
9	Obtaining Consent to Operate/Establish and Authorization from UPPCB	02 Months	ULBs, Development Authorities, Urban Development Department & UPPCB & CPCB	
10	Ensuring idol immersion in environmental friendly manner by creation of artificial ponds with proper lining & proper disposal of sludge & effluent	Immediate	ULBs, Development Authorities & District Administration	
11	Ensure strict prohibition of encroachments & illegal constructions in FPZ	06 Months	Development Authorities, District Administration & Police and Irrigation Department	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
12	Removal of solid waste & algal growth disposed in the river by use of low cost innovative techniques with involvement of local community	06 Months	ULBs, Gram Panchayat, Development Authorities & Irrigation Department	The boats with improvised low cost trash skimming attachments may be tried along the length of the river for removal of floating Solid Waste with the help of local community.
(b) Long Term Action Point				
1	Establishment of new solid waste & C&D treatment & disposal facilities against the gap with respect to generation of solid waste	24 Months after sanction of DPR	ULBs, Development Authorities & Urban Development Department	The ULBs will ensure compliance as per timeline given according to the Action Plan (Appendix-8) as informed by Urban Development Department, UP. Development Authorities will also ensure compliance in concerned areas.
2	Treatment & disposal of legacy waste dumped within 500 meters of the bank of the River	24 Months after sanction of DPR	ULBs, Development Authorities & Urban Development Department	The ULBs will ensure compliance as per timeline given according to the Action Plan (Appendix-8) as informed by Urban Development Department, UP. Development Authorities will also ensure compliance in concerned areas.
3	Construction of electric/fuel efficient crematorium to stop disposal of unburnt/ semi burnt corpses in the river	24 Months	ULBs, Development Authorities & Urban Development Department	The ULBs will ensure compliance as per timeline given as informed by Urban Development Department, UP. Development Authorities will also ensure compliance in concerned areas.

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
4	Demarcation & notification of FPZ by introducing Pillars at suitable locations in river flood plain and preventing encroachment in river bed.	24 Months	Irrigation Department	Only after sanctioning of DPR & its other formalities including sanctioning of budget under NMCG.
5	Removal of illegal encroachments & constructions from FPZ	24 Months	District Level Committee headed by D.M, with representative from concerned Departments.	

D. ECOLOGICAL FLOW & GROUND WATER MANAGEMENT

(a) Short Term Action Point

1	Identification, inventorization & geo referencing of wetlands/water bodies including their zone of influence & catchment areas within 2 Km of the river	03 Months	State Wetland Authority, Forest & Wildlife, Panchayati Raj, Revenue Department, ULBs & Gram Panchayats	
2	Identification & geo referencing of vacant lands in the vicinity of the river for development of bio-diversity parks & forest areas	03 Months	Forest & Wildlife, Panchayati Raj, Revenue Department, ULBs & Gram Panchayats	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
3	Identification of external water sources like canal escapes etc. for addition of water in the river for dilution purposes	03 Months	Irrigation Department	Only surplus water after fulfilling irrigation demands will be provided to near by rivers through canal escapes.
4	Prohibition of illegal mining & diversion of river stream	Regular Activity	District Administration, Mining Department & Irrigation Department	Only diversion of river stream would be reported to District authorities in non monsoon period by concerned district irrigation officers.
5	Ensuring rain water harvesting/recharging structures/rain wells on river banks & construction of water harvesting structures	Regular Activity	Mining, Rural Development & Minor Irrigation Department	Possible funding may be arranged through MNREGA and Central assistance by NMCG.
(b) Long Term Action Point				
1	Notification of E-flow of the River	12 Months	Irrigation Department, MoWR (CWC)	Notification of E-flow of the River will be done by MoWR (CWC).
2	Ecological restoration of the wetlands including plantation in the catchment area & development of community based eco-tourism in the wetland	24 Months from sanction of DPR	State Wetland Authority, Forest & Wildlife Department & National Mission for Clean Ganga	Possible source of funding may be from Centrally Sponsored Scheme for Development of Wetlands and from NMCG.
3	Development of Bio-diversity Parks and Riverine Forests by plantation & re-generation of native species of trees, grasses & herbs and establishment of new nurseries	24 Months from sanction of DPR	State Wetland Authority, Forest & Wildlife Department & National Mission for Clean Ganga	Funds may be arranged from NMCG.

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
4	Adoption of good irrigation practices, suitable crop selection, use of sprinkler/drip irrigation to minimize the water consumption through awareness & support to the farmers	12 Months	Agriculture Department, Rural Development, Minor Irrigation Department	
5	Removal of encroachment from wetlands, ponds & their restoration	24 Months	Revenue, Administration, Panchayati Raj Department, ULBs & Gram Panchayats	
6	Allowing flow of fresh surplus water source like canal for restoration of E-flow	18 Months	Irrigation Department	Only surplus water after fulfilling irrigation demands will be provided to near by rivers through canal escapes.

E. MONITORING & EVALUATION

1	Daily Monitoring of river water quality at the upstream & downstream of cities & meeting points of the major drains	Regular Activity	UPPCB, District Ganga Committee/ District Environment Committee	
2	Weekly monitoring of drains, STPs & CETPs	Regular Activity	UPPCB, District Ganga Committee/ District Environment Committee	
3	Monitoring of water polluting industries	Quarterly	UPPCB, District Ganga Committee/ District Environment Committee	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
4	Monitoring of ground water quality within 500 meters of the rivers & drains	Quarterly	UPPCB, CGWA, CPCB & District Ganga Committee/ District Environment Committee	
5	Pre-monsoon & post-monsoon monitoring of ground water level	Regular Activity	CGWA & Directorate of Ground Water	
6	Measurement of River flow as per the protocol	Regular	Irrigation Department & District Ganga Committee/ District Environment Committee	Annual flow discharge data of river.
7	Project formulation & funding including recurring expenses for employment of JRFs/Monitoring Assistants/Field Assistants, purchase of kits & equipments, vehicle on rental basis, development of Web Portal & establishment of Control Room, purchase of desktop computers, printers/ LED Monitor etc.	02 Months	UPPCB, District Ganga Committee/ District Environment Committee, SMCG & NMCG	
8	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	Regular	UPPCB, NMCG & CPCB	

S. No.	Action Point	Timeline	Implementing Department/Agency	Remark
	implementation of the action plan			
9	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	04 Months	UPPCB, District Ganga Committee/ District Environment Committee	

APPENDICES

Appendix-1

Pollution Source Mapping of River Yamuna from Asgarpur to Etawah & Sahapur to Baluaghat (Prayagraj).

S.No.	District	Name of Drain	Meeting Point of Drain		Domestic/ Industrial/ Mixed	Tapped/ Untapped/ Partially Tapped	Industries		Sewage Discharge (MLD)			Status of Bar- mesh
			Latitude	Longitude			Number	Treated Effluent (MLD)	Treated	Untreated	Total	
1	G.B. Nagar	Shahadara Drain	28°32'49.41" N	77°19'09.65" E	Mixed	Untapped	0	0	0	0	0	-
2	G.B. Nagar	Kondli/Noida Drain	28°28'24.72" N	77°24'18.95" E	Mixed	Untapped	74	5.2495	185	0	185.0	-
3	Bulandshahr	Nizampur Drain	28°20'02.4"N	77°45'33.9"E	Mixed	Untapped	43	3.869	0	0	0	-
4	Bulandshahr	Khurja Drain, Vill. Kila	28°14'06.7"N	77°51'06.3"E	Mixed	Untapped	19	3.341	0	0	0	-
5	Aligarh	Aligarh Drain	27°51'22.64"N	78° 3'4.63"E	Mixed	Untapped	19	6.3795	0	96.50	96.50	-
6	Aligarh	Chherrat/Lehtoi Drain	27°56'1.38"N	78° 3'31.92"E	Mixed	Untapped	7	2.566	0	35.50	35.50	-
7	Hathras	Aligarh-Hathras Drain	27°24'31.1"N	78°03'52.6"E	Mixed	Untapped	11	1.245	0	26.6	26.6	-

S.No.	District	Name of Drain	Meeting Point of Drain		Domestic/ Industrial/ Mixed	Tapped/ Untapped/ Partially Tapped	Industries		Sewage Discharge (MLD)			Status of Bar- mesh
			Latitude	Longitude			Number	Treated Effluent (MLD)	Treated	Untreated	Total	
8	Mathura	Gochi Drain(Ganda Nala)	27°30'26"N	77°42'42"E	Mixed	Tapped	0	0	0	0	0	-
9	Mathura	Kosi Arterian Drain	27°30'23"N	77°42'46"E	Mixed	Untapped	10	6.758	0	1.424	1.424	-
10	Mathura	Masani Drain	27°32'2"N	77°40'9"E	Mixed	Paritally Tapped	47	2.9741	8.0	9.0	17.0	-
11	Mathura	Mahadev Ghat (Sadar Bazar Drain)	27.4926166	77.7007333	Domestic	Untapped	0	0	0	2.46	2.46	-
12	Mathura	Ambakhar Drain	27°33'26"N	77°4'8"E	Mixed	Paritally Tapped	31	0.0734	14.5	8.916	23.416	-
13	Mathura	Aurangabad Drain	27.4493333	77.7096799	Domestic	Untapped	0	0	0	8.5	8.5	-
14	Mathura	Refinery Drian	27°33'39"N	77°41'1"E	Mixed	Untapped	1	11.16	2.84	0	2.84	-
15	Mathura	Goverdhan Drain	27°31'2"N	77°28'29"E	Mixed	Partially Tapped	0	0	0	0	0	-

S.No.	District	Name of Drain	Meeting Point of Drain		Domestic/ Industrial/ Mixed	Tapped/ Untapped/ Partially Tapped	Industries		Sewage Discharge (MLD)			Status of Bar- mesh
			Latitude	Longitude			Number	Treated Effluent (MLD)	Treated	Untreated	Total	
16	Agra	TAJ EAST DRAIN/ Kholahi Nala	27°11'40"N	78° 3'1" E	Domestic	Untapped	0	0	0	15.02	15.02	
17	Agra	MANTOLA DRAIN	27°11'04"N	78°1'28"E	Domestic	Partially tapped	0	0	0	123.22	123.22	
18	Agra	WATER WORKS DRAIN	27°12'1"N	78° 1'58"E	Domestic	Partially tapped	0	0	0	26.28	26.28	
19	Agra	NARAICH NALA	27°12'40"N	78° 2'14"E	Domestic	Tapped	0	0	5.89	0	5.89	
20	Agra	BHAIRO NALA	27°11'19"N	78° 1'28"E	Domestic	Partially tapped	0	0	0	26.07	26.07	
21	Agra	Nagla Budhi Nala	27° 13' 32" N	77° 59' 44" E	Domestic	Partially Tapped	0	0	0	14.98	14.98	
22	Agra	Anurag Nagar Nala	27° 13' 12" N	78° 1' 48" E	Domestic	Tapped	0	0	5.7	0	5.7	

S.No.	District	Name of Drain	Meeting Point of Drain		Domestic/ Industrial/ Mixed	Tapped/ Untapped/ Partially Tapped	Industries		Sewage Discharge (MLD)			Status of Bar- mesh
			Latitude	Longitude			Number	Treated Effluent (MLD)	Treated	Untreated	Total	
23	Agra	Peelakhar Nala	27° 12' 6" N	78° 2' 59" E	Mixed	Tapped	20	0.104	6.59	0	6.59	
24	Firozabad	Naya Bans, Firozabad	27° 7' 35" N	78.22 35E	Mixed	Untapped	18	0.081	0	70.0	70.0	-
25		Ant Ki Madiya, Firozabad	27° 3' 58" N	78° 23' 8" E	Mixed	Untapped						
26	Etawah	Texi Tample nala, Etawah	26° 45' 49" N	79° 0' 88" E	Domestic	Tapped	0	0	11.45	23.55	35.0	-
27		Jharna Nala, Etawah	26° 45' 38" N	79° 0' 54" E	Domestic	Untapped						
28	Kalpi	Rayda diara Nala	26° 5' 58.72" N	79° 46' 35.26" E	Domestic	Untapped	0	0	0	21.0	21.0	-
29	Hamirpur	Pataleshwar Nala	26° 7' 49.76" N	79° 45' 4.54" E	Domestic	Untapped	0	0	0	10.0	10.0	-
30	Rajapur, Chitrakoot	Bekal Baba Nala	25° 23' 44.98" N	81° 8' 51.41" E	Domestic	Untapped	0	0	0	5.0	5.0	-

S.No.	District	Name of Drain	Meeting Point of Drain		Domestic/ Industrial/ Mixed	Tapped/ Untapped/ Partially Tapped	Industries		Sewage Discharge (MLD)			Status of Bar- mesh
			Latitude	Longitude			Number	Treated Effluent (MLD)	Treated	Untreated	Total	
31	Prayagraj	Sasur Khaderi	25°25'7.273" N	81°52'2.43" E	Domestic	Tapped	0	0	10	0	10	-
32	Prayagraj	Ghaghar Drain	25° 25' 16.5" N	81° 49' 12" E	Domestic	Tapped	0	0	25.86	0	25.86	-
33	Prayagraj	Kakraha Ghat Drain	25° 25' 7.38" N	81° 49' 32." E	Domestic	Tapped	0	0	4.85	0	4.85	-
34	Prayagraj	Pipal Ghat Nala	25° 25' 12.7" N	81° 50' 0.9" E	Domestic	Tapped	0	0	2.75	0	2.75	-
35	Prayagraj	Jogighat Drain	25° 25' 11.1" N	81° 49' 55." E	Domestic	Tapped	0	0	0.08	0	0.08	-
	Total						300	43.8005	283.51	524.02	807.53	

Appendix-2

Details of Cities & Towns

S.No.	District	Name of City/ Town	Type of ULB	Population (Lakh) Census - 2011	Estimated Population (Lakh) Year - 2019
1	G. B. Nagar (Noida)	G. B. Nagar (Noida)	Nagar Nigam	16,48,115	21,37,407
2	Bulandshahr	Bulandshahr	Nagar Nigam	34,99,171	40,62,398
3	Aligarh	Aligarh	Nagar Nigam	36,73,889	43,43,419
4	Hathras	Hathras	Nagar Palika Parishad	15,64,708	17,79,010
5	Mathura	Mathura	Nagar Nigam	25,47,184	30,11,383
6	Agra	Agra	Nagar Nigam	44,18,797	51,98,273
7	Firozabad	Firozabad	Nagar Nigam	24,98,156	29,31,636
8	Etawah	Etawah	Nagar Nigam	15,81,810	18,11,489
9	Kalpi	Kalpi	Nagar Nigam Parishad	51,670	58,362
10	Hamirpur	Hamirpur	Nagar Palika Parishad	11,04,285	11,55,524
11	Rajapur (Chitrakoot)	Rajapur (Chitrakoot)	Nagar Palika Parishad	9,91,730	12,25,223
12	Baluaghat, Praygaraj	Baluaghat, Praygaraj	Nagar Palika Parishad	59,54,391	69,37,104
	Total			734,194	551,569

Appendix-3
Details of Industries

S.No	District	Name and Address	Location		Type	Treatment Mechanism (ETP/CETP)	Effluent Discharge (KLD)	Effluent Discharge Drain	Compliance Status (Yes/No)
			Latitude	Longitude					
1	G.B.Nagar	Advance Appliances (P)Ltd., B-21, Sector-83, Noida	28°25'49.8" N	77°17'42.252" E	Metal Surface Treatment	ETP	1.5	Kondli Drain	Yes
2	G.B.Nagar	Aero Club, C-16, Phase-II, Noida	28°40'10.92" N	77°18'36.432" E	Yarn/ Textile Processing (Printing Only)	ETP	3	Kondli Drain	Yes
3	G.B.Nagar	Afflatus Gravures (P) Ltd., A-10a, Sector-68, Noida	28.604702°	77.390055°	Metal Surface Treatment	ETP	10	Kondli Drain	Yes
4	G.B.Nagar	Agra Products (P)Ltd., Plot No.- 94, 99, Nsez, Noida	28.541392°	77.397040°	Metal Surface Treatment	ETP	8	Kondli Drain	Yes
5	G.B.Nagar	Anand Electroplaters B-87, 88, Sector-10, G.B. Nagar, Noida	28.678654°	77.438694°	Metal Surface Treatment	ETP	2	Kondli Drain	Yes
6	G.B.Nagar	Ankur Industries C-395, Sector-10, G.B.Nagar, Noida	28.591441°	77.330984°	Metal Surface Treatment	ETP	1	Kondli Drain	Yes
7	G.B.Nagar	Apsim International (P) Ltd, W-4, Sector-11, Noida	28.600005°	77.334072°	Yarn/ Textile Processing (Printing Only)	ETP	1.5	Kondli Drain	Yes

8	G.B.Nagar	B.R. Seth & Co. C-20, Sector-6, Noida, Gautambuddha Nagar	28.595317°	77.319030°	Metal Surface Treatment	ETP	2	Kondli Drain	Yes
9	G.B.Nagar	Bhalla Electroplaters C-195, Sector-10, Noida, G.B. Nagar	28.590601°	77.332922°	Metal Surface Treatment	ETP	1	Kondli Drain	Yes
10	G.B.Nagar	Bharat Electroplaters H-77, Sector-9 Noida, Gautambuddha Nagar	28.588199°	77.326611°	Metal Surface Treatment	ETP	2	Kondli Drain	Yes
11	G.B.Nagar	C & S Electric, C-59, Phase-II, Noida	28.537899°	77.279300°	Metal Surface Treatment	ETP	20	Kondli Drain	Yes
12	G.B.Nagar	Captain Gears & Fans, D-35, Sector-11, Noida	28.599169°	77.333620°	Metal Surface Treatment	ETP	1.2	Kondli Drain	Yes
13	G.B.Nagar	Chemico Processing, A-53, Sector-83, Noida	28.528221°	77.397892°	Yarn/ Textile Processing (Printing Only)	ETP	5	Kondli Drain	Yes
14	G.B.Nagar	Connect International, B-5, Sector-81, Noida	28.547419°	77.403750°	Metal Surface Treatment	ETP	1.5	Kondli Drain	Yes
15	G.B.Nagar	Cosmo Industries, C-44, Hosiery Complex, Noida	28.531658°	77.407571°	Yarn/Textile Processing	ETP	50	Kondli Drain	Yes
16	G.B.Nagar	D.P. Garg B-210 B, Phase-II, Noida	28.538193°	77.405982°	Metal Surface Treatment	ETP	20	Kondli Drain	Yes

17	G.B.Nagar	Savenciaformage & Dairy India Pvt. Ltd (Old Name -Dabon International Pvt Ltd). A-41,42, Hosiery Complex, Noida	28.531660°	77.407571°	Milk Processing	ETP	20	Kondli Drain	Yes
18	G.B.Nagar	Dalip Enterprises, D-87, Hosiery Complex, Noida	28.531660°	77.407571°	Yarn/Textile Processing	ETP	1.5	Kondli Drain	Yes
19	G.B.Nagar	Delhi Prints, D-97, Sector-2, Noida	28.584690°	77.315930°	Yarn/ Textile Processing (Printing Only)	ETP	2	Kondli Drain	Yes
20	G.B.Nagar	Delta Factors India Pvt. Ltd. C-459, Sector - 10, Noida	28.596971°	77.365079°	Metal Surface Treatment	ETP	1	Kondli Drain	Yes
21	G.B.Nagar	Dr. Willmerschwabe y, A-36, Sector-60, Noida	28.605425°	77.363341°	Pharmaceuticals	ETP	18	Kondli Drain	Yes
22	G.B.Nagar	Eveready India Ltd., B-1, B-2, Sector - 80, Noida	28.552594°	77.403254°	Industrial Carbon Including Electrodes etc.	ETP	8	Kondli Drain	Yes
23	G.B.Nagar	Frontier Print, A-66, Sector-80, Noida	28.556570°	77.405647°	Yarn/ Textile Processing (Printing Only)	ETP	5	Kondli Drain	Yes
24	G.B.Nagar	Gripwel Fasteners (P)Ltd., 142a/30, 142a/51, Nsez, Noida	28.541405°	77.397043°	Metal Surface Treatment	ETP	70	Kondli Drain	Yes

25	G.B.Nagar	Hafiz Exports, B-50, Hosiery Complex, Noida	28.531659°	77.407570°	Yarn/ Textile Processing (Printing Only)	ETP	5	Kondli Drain	Yes
26	G.B.Nagar	Haldiram Snacks (P)Ltd., A-11, Sector-68, Noida	28.606860°	77.391298°	Veg	ETP	400	Kondli Drain	Yes
27	G.B.Nagar	Haldiram Snacks (P)Ltd., C-3, Sector-67, Noida	28.606326°	77.385563°	Veg	ETP	600	Kondli Drain	Yes
28	G.B.Nagar	Haldiram Snacks (P)Ltd., A-2-4, Sector-65, Noida	28.613787°	77.384104°	Veg	ETP	500	Kondli Drain	Yes
29	G.B.Nagar	Haldiram Snacks (P)Ltd., B-1, Sector-63, Noida	28.626649°	77.384806°	Veg	ETP	600	Kondli Drain	Yes
30	G.B.Nagar	Indeutsch Industries Pvt. Ltd. 39,40, N.S.E.Z., Phase -2, Noida	28°31'0.048" N	77°24'13.248" E	Metal Surface Treatment	ETP	10	Kondli Drain	Yes
31	G.B.Nagar	Indeutsch, 141, Nsez, Noida	28°31'0.048" N	77°24'13.248" E	Metal Surface Treatment	ETP	10	Kondli Drain	Yes
32	G.B.Nagar	Indeutsch, 42, Nsez, Noida	28°32'29.04" N	77°23'49.344" E	Metal Surface Treatment	ETP	3	Kondli Drain	Yes
33	G.B.Nagar	Info Power Technologies (Formerly - Sarsynertech Ltd.) A-4, Phase-II, Noida	28.613024°	77.365458°	Metal Surface Treatment	ETP	20	Kondli Drain	Yes
34	G.B.Nagar	J.P.C., B-4, Hosiery Complex, Noida	28.532258°	77.400800°	Textiles	ETP	208	Kondli Drain	Yes

35	G.B.Nagar	Karika India Pvt. Ltd B-126, Sector-5, Noida	28.531660°	77.407570°	Yarn/Textile Processing	ETP	5	Kondli Drain	Yes
36	G.B.Nagar	Laal Sons Electrotechpvt. Ltd. B-29, Sector-8, Noida	28.595087°	77.329870°	Metal Surface Treatment	ETP	0.5	Kondli Drain	Yes
37	G.B.Nagar	Laxmi Remote India (P) Ltd, B-201, Phase-II, Noida	28.546620°	77.410450°	Metal Surface Treatment	ETP	15	Kondli Drain	Yes
38	G.B.Nagar	Lts International (P)Ltd., B-13, Hosiery Complex, Noida	28.531658°	77.407570°	Metal Surface Treatment	ETP	4	Kondli Drain	Yes
39	G.B.Nagar	Luxor Writing Instruments (P)Ltd., A-40, Hosiery Complex, Phase-II, Noida	28°32'28.572' 'N	77°23'15.288" E	Metal Surface Treatment	ETP	5	Kondli Drain	Yes
40	G.B.Nagar	Mezzo Clothing (P)Ltd., A-3, Sector-58, Noida	28.606766°	77.359725°	Yarn/ Textile Processing (Printing Only)	ETP	2	Kondli Drain	Yes
41	G.B.Nagar	Minda Corporation Ltd., D-6-11, Sector-59, Noida	28.606407°	77.368712°	Metal Surface Treatment	ETP	15	Kondli Drain	Yes
42	G.B.Nagar	Modern Door Devices Pvt.Ltd.,C-75A, Sector 8, Noida	28.594804°	77.326468°	Metal Surface Treatment	ETP	5	Kondli Drain	Yes
43	G.B.Nagar	Monica Steel (P)Ltd., A-56, Sector-8, N Oida	28.594005°	77.329854°	Metal Surface Treatment	ETP	1	Kondli Drain	Yes

44	G.B.Nagar	Moryo Calico,C-131, Sector-63, Noida	28.614818°	77.383101°	Yarn/ Textile Processing (Printing Only)	ETP	2	Kondli Drain	Yes
45	G.B.Nagar	N.K. Dyeing C-170, Hosiery Complex, Noida	28.531659°	77.407572°	Yarn/Textile Processing	ETP	30	Kondli Drain	Yes
46	G.B.Nagar	Nano Electrotechpvt. Ltd. F-3B, S.D.F.N.S.E.Z., Noida	28.664414°	77.446538°	Metal Surface Treatment	ETP	1.8	Kondli Drain	Yes
47	G.B.Nagar	Neokraft Global (P)Ltd. (Formerly - New Lite Zkw Lighting (P) Ltd. 137, Nsez, Noida	28.541395°	77.397047°	Metal Surface Treatment	ETP	58	Kondli Drain	Yes
48	G.B.Nagar	Nidhi Auto Pvt. Ltd. C-43, Phase-Ii, Noida	28.613030°	77.365460°	Metal Surface Treatment	ETP	20	Kondli Drain	Yes
49	G.B.Nagar	Parag Dairy, B-219, Phase-Ii, Noida	28.539007°	77.406408°	Dairy	ETP	250	Kondli Drain	Yes
50	G.B.Nagar	Quality Needles (P) Ltd., A-8, Sector-57, Noida	28.596088°	77.339993°	Metal Surface Treatment	ETP	11	Kondli Drain	Yes
51	G.B.Nagar	Rga Export (P) Ltd., B-43, Sector-81, Noida	28.547546°	77.399614°	Yarn/ Textile Processing (Printing Only)	ETP	5	Kondli Drain	Yes
52	G.B.Nagar	S.K. Enterprises, C-191, Hosiery Complex, Noida	28.531667°	77.407566°	Yarn/ Textile Processing (Printing Only)	ETP	2	Kondli Drain	Yes

53	G.B.Nagar	S.S. Processors Pvt. Ltd. A-43, Sector-5, Noida, Gautambuddha Naga	28.645207°	77.346701°	Yarn/Textile Processing	ETP	15	Kondli Drain	Yes
54	G.B.Nagar	Samtexdesinz (Formerly- Nalini Silk Mills), Plot No.-A-36, Phase-II, Noida	28.530380°	77.395490°	Cotton Textile Industries	ETP	700	Kondli Drain	Yes
55	G.B.Nagar	Sandeep Paper Mills (P) Ltd, A-20, Sector-6, Noida	28.518450°	77.241470°	Pulp & Paper Unit	ETP	850	Kondli Drain	Yes
56	G.B.Nagar	Sandhu Electroplating & Engineering Works B-91, Sector 10, Noida	28.590017°	77.329377°	Metal Surface Treatment	ETP	1	Kondli Drain	Yes
57	G.B.Nagar	Sanidhya Engineers (P) Ltd., D-43, Hosiery Complex, Noida	28.531662°	77.407567°	Yarn/Textile Processing	ETP	25	Kondli Drain	Yes
58	G.B.Nagar	Satguru Processor, C-160, Hosiery Complex, Noida	28.531662°	77.407567°	Yarn/Textile Processing	ETP	30	Kondli Drain	Yes
59	G.B.Nagar	Sequel Alloys & Wires (P) Ltd., 143A, 154A To 154E, NSEZ, Noida	28.530590°	77.390600°	Metal Surface Treatment	ETP	4	Kondli Drain	Yes
60	G.B.Nagar	Sham Dyers B-24, Sector-4, Noida	28.582690°	77.323780°	Yarn/Textile Processing	ETP	48	Kondli Drain	Yes

61	G.B.Nagar	Smc Pneumatics (I)(P)Ltd., A-4, Sector-88, Noida	28.683240°	77.367950°	Metal Surface Treatment	ETP	14	Kondli Drain	Yes
62	G.B.Nagar	Soni Dyeing C-190, Hosiery Complex, Noida	28.531661°	77.407570°	Yarn/Textile Processing	ETP	45	Kondli Drain	Yes
63	G.B.Nagar	Sterling Ornaments (P)Ltd. Jc-19, N.S.E.Z., Noida	28.570100°	77.323130°	Metal Surface Treatment	ETP	8	Kondli Drain	Yes
64	G.B.Nagar	Subros Ltd., B-198, Phase-Ii, Noida	28.669700°	77.310120°	Metal Surface Treatment	ETP	220	Kondli Drain	Yes
65	G.B.Nagar	Super Fine Processors (P) Ltd., C-36, Sector-8, Noida	28.595050°	77.328010°	Yarn/Textile Processing	ETP	10	Kondli Drain	Yes
66	G.B.Nagar	T.P.Singh& Company C-179, Hosiery Complex, Noida	28.531665°	77.407564°	Metal Surface Treatment	ETP	5	Kondli Drain	Yes
67	G.B.Nagar	The Ganesh Hosiery Industries, F-67, Sector-11, Noida	28°35'54.888' 'N	77°20'1.968" E	Yarn/Textile Processing	ETP	30	Kondli Drain	Yes
68	G.B.Nagar	Tri Star Products (P)Ltd., B-43, Sector-80, Noida	28.556550°	77.405650°	Metal Surface Treatment	ETP	6	Kondli Drain	Yes
69	G.B.Nagar	Uflex Ltd., A-1, Sector-60, Noida	28.603770°	77.366180°	Metal Surface Treatment	ETP	20	Kondli Drain	Yes
70	G.B.Nagar	Uflex Ltd., A-2, Sector - 60, Noida	28.603770°	77.366180°	Metal Surface Treatment	ETP	5	Kondli Drain	Yes
71	G.B.Nagar	Uniparts India Ltd. B-208, Phase-Ii, Noida	28.540640°	77.403210°	Metal Surface Treatment	ETP	15	Kondli Drain	Yes

72	G.B.Nagar	Vakeel Art Prints, B-105, Phase-II, Noida	28.669697°	77.310122°	Yarn/ Textile Processing (Printing Only)	ETP	2	Kondli Drain	Yes
73	G.B.Nagar	Vibracoustic Noida (P)Ltd. (Formerly Known As Trelleborg Automotive (India) Ltd.), B-190, Phase- II, Noida	28°40'10.92" N	77°18'36.432" E	Metal Surface Treatment	ETP	150	Kondli Drain	Yes
74	G.B.Nagar	Whorra Enterprises, C-46, Sector-81, Noida	28.548340°	77.399150°	Metal Surface Treatment	ETP	3	Kondli Drain	Yes
75	Bulandshahar	M/S Telecom Network Solution P. Ltd. A-10, Ind. Area, Sik. Distt. Bulandshahr	28.482361°	77.642361°	Metal Surface Treatment	ETP	10	Nizampur Drain	Yes
76	Bulandshahar	M/S Trident Structure Pvt. Ltd. (Unit-II), C-7, 8, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.483111°	77.641028°	Metal Surface Treatment	ETP	15	Nizampur Drain	Yes
77	Bulandshahar	M/S Vishal Pipes Ltd. C-23, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.478519°	77.645856°	Steel & Tubes	ETP	25	Nizampur Drain	Yes
78	Bulandshahar	M/S Vishal Pipe Ltd. A-71, (Unit-II), Sikandrabad, Distt. Bulandshahr	28.484119°	77.655467°	Steel & Tubes	ETP	44	Nizampur Drain	Yes

79	Bulandshahar	M/S Rohit Enterprises, F-19, Gopalpur, Ind. Area, Sikandrabad, Distt. Bulandshahar	28.489889°	77.656444°	Dyeing	ETP	65	Nizampur Drain	Yes
80	Bulandshahar	M/S Adarsh Hosery, A-3/104, 105, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.490306°	77.648722°	Dyeing	ETP	40	Nizampur Drain	Yes
81	Bulandshahar	M/S Ismi Dyeing Mills, J-2, Ind. Area, Sikandrabad, Distt. Bulandshahar	28.472972°	77.671306°	Dyeing	ETP	50	Nizampur Drain	Yes
82	Bulandshahar	M/S Sanat Products Ltd. B-8, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.470525°	77.663696°	Herbal	ETP	15	Nizampur Drain	Yes
83	Bulandshahar	M/S P.S. Agritech, Pvt. Ltd, C-78, Ind. Area, Sikandrabad, Distt. Buladnshahr	28.464222°	77.666944°	Agriculture Parts	ETP	2.5	Nizampur Drain	Yes
84	Bulandshahar	M/S British Paints (Berger Paint Div.) A-38, Industrial Area Sikandrabad Distt. Bulandshahr	28.471611°	77.667944°	Paint	ETP	2.8	Nizampur Drain	Yes
85	Bulandshahar	M/S A.S. Washing Enterprises, CO-03, Gopalpur, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.491361°	77.647417°	Dyeing	ETP	20	Nizampur Drain	Yes

86	Bulandshahar	M/S Surya Processors Pvt.Ltd, Plot No-21, Ind. Area, Sikandrabad, Distt. Bulandshahar	28.467083°	77.669500°	Dyeing	ETP	600	Nizampur Drain	Yes
87	Bulandshahar	M/S J.P. Prints, J-1, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.472801°	77.671470°	Dyeing	ETP	40	Nizampur Drain	Yes
88	Bulandshahar	M/S Shabnam Process House, F-16 Ind. Area, Sikandrabad, Distt. Bulandshahr	28.473917°	77.668306°	Dyeing	ETP	22	Nizampur Drain	Yes
89	Bulandshahar	M/S JMD Sourcing, F-20, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.473278°	77.669111°	Dyeing	ETP	50	Nizampur Drain	Yes
90	Bulandshahar	Imlika Processing, Plo No-R-47, Upside, Ind. Area, Sikandrabad, Distt Bulandshahar.	28.478667°	77.645528°	Dyeing	ETP	35	Nizampur Drain	Yes
91	Bulandshahar	M/S Apllo Metex, Plot No-22 Ind. Area, Sikandrabad, Distt. Bulandshahr	28.480639°	77.648333°	Metal Surface Treatment	ETP	215	Nizampur Drain	Yes
92	Bulandshahar	M/S Geetanjali Enterprises, F-23, Ind. Area, Sik. Distt. Bulandshahr	28.485121°	77.641683°	Dyeing	ETP	26.2	Nizampur Drain	No

93	Bulandshahar	M/S Satyam Shakuntalam Engineering P. Ltd. R-65, Ind. Area, Sikandrabad, Distt. Bulandshahar	28.476222°	77.657000°	Dyeing	ETP	80	Nizampur Drain	Yes
94	Bulandshahar	M/S Saubhagya Processors Pvt. Ltd. C-23/1/1/-14, Ind. Area, Sikandrabad, Distt. Bulandshahar	28.477867°	77.644589°	Dyeing	ETP	100	Nizampur Drain	Yes
95	Bulandshahar	M/S Shades Dyeing & Finishing Mills, HC-27, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.469103°	77.671456°	Dyeing	ETP	250	Nizampur Drain	Yes
96	Bulandshahar	M/S Shanti Dyeing & Finishing Mills, (Unit-2) B-10, Ind. Area, Sik. Distt. Bulandshahr	28° 28' 53.75" N	77° 42' 15.1" E	Dyeing	ETP	110	Nizampur Drain	No
97	Bulandshahar	M/S Sunrise Textiles, D-5, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.469292°	77.660497°	Dyeing	ETP	54	Nizampur Drain	Yes
98	Bulandshahar	M/S Sunrise Dyeing Mills, E 40, 41, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.477886°	77.645734°	Dyeing	ETP	55	Nizampur Drain	Yes
99	Bulandshahar	M/S Swaraj Components P. Ltd, A-39, Sikandrabad, Distt. Buladnshahr	28.471983°	77.666150°	Dyeing	ETP	100	Nizampur Drain	Yes

100	Bulandshahar	M/S Syndicate Knit Kraft, D-25, Ind. Area, Sikandrabad, Distt. Bulandshahar	28.482372°	77.642194°	Dyeing	ETP	60	Nizampur Drain	Yes
101	Bulandshahar	M/S R.S. Infra Projects Pvt. Ltd. A-53/2, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.472139°	77.672556°	Metal Surface Treatment	ETP	25	Nizampur Drain	Yes
102	Bulandshahar	M/S Goodluck Steels Tubes Ltd. Works-2, (Formerly M/S Masterji Metalloys P. Ltd.) D-2, D-3 & D-4, Ind. Area, Sik. Distt. Bulandshahr	28.487278°	77.657000°	Metal Surface Treatment	ETP	60	Nizampur Drain	Yes
103	Bulandshahar	M/S Goodluck Steels Tubes Ltd. A-42, 45, Ind. Area, Sik. Distt. Bulandshahr	28.476303°	77.666169°	Metal Surface Treatment	ETP	25	Nizampur Drain	Yes
104	Bulandshahar	M/S Goodluck Industries, (Unit-2), A-59, Ind. Area, Sik. Distt. Bulandshahr	28.472794°	77.671128°	Metal Surface Treatment	ETP	60	Nizampur Drain	Yes
105	Bulandshahar	M/S Goodluck Industries, A-51, Ind. Area, Sik. Distt. Bulandshahr	28.472938°	77.666935°	Metal Surface Treatment	ETP	80	Nizampur Drain	Yes
106	Bulandshahar	M/S Hitech Pipes Ltd. Plot No. 10,	28.479592°	77.654561°	Metal Surface Treatment	ETP	115	Nizampur Drain	Yes

		Ind. Area, Sik. Distt. Bulandshahr							
107	Bulandshahar	M/S Indian Potash Ltd., (Dairy Division) Ind. Area, Sikandrabad, Distt. Buladnshahr	28.480628°	77.643906°	Dairy	ETP	600	Nizampur Drain	Yes
108	Bulandshahar	M/S Laxmi Traders, C-9, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.265433°	77.873203°	Dyeing	ETP	25	Nizampur Drain	Yes
109	Bulandshahar	M/S Blueduck Textiles Pvt. Ltd. A-3/1, Ind. Area, Sik. Distt. Bulandshahr	28° 29' 07.56" N	77° 46' 21.93" E	Dyeing	ETP	35	Nizampur Drain	Yes
110	Bulandshahar	M/S Brocin Textiles Pvt. Ltd. HE-33, 34 Ind. Area, Sik. Distt. Bulandshahr	28.484833°	77.653833°	Dyeing	ETP	17.5	Nizampur Drain	Yes
111	Bulandshahar	M/S Cellcom Tele Services P. Ltd. A- 52, Ind. Area, Sik. Distt. Bulandshahr	28.472186°	77.671981°	Metal Surface Treatment	ETP	10	Nizampur Drain	Yes
112	Bulandshahar	M/S Chandok Textiles Export, P. Ltd. C-81, Ind. Area, Sikandrabad, Distt. Bulandshahr	28.480628°	77.643906°	Dyeing	ETP	260	Nizampur Drain	Yes
113	Bulandshahar	M/S APL Apollo Tubes Ltd. A-19 & 20, Ind. Area, Sik. Distt. Bulandshahr	28.481272°	77.646514°	Metal Surface Treatment	ETP	100	Nizampur Drain	Yes

114	Bulandshahar	M/S Batra & Batra P. Ltd. A-81, Ind. Area, Sik. Distt. Bulandshahr	28.474328°	77.670253°	Red Oxide	ETP	40	Nizampur Drain	Yes
115	Bulandshahar	M/S Apollo Meatlex P. Ltd. A-25 (Old Name PL Apollo Tubes Ltd.) Ind. Area, Sik. Distt. Bulandshahr	28.475155°	77.650281°	Metal Surface Treatment	ETP	85	Nizampur Drain	Yes
116	Bulandshahar	M/S Bharat Prints, C-59, Ind. Area, Sikandrabad, Distt. Bulandshahar.	28.464417°	77.663583°	Dyeing	ETP	200	Nizampur Drain	Yes
117	Bulandshahar	M/S Amtul Product P. Ltd. D-32, Ind. Area, Sik. Distt. Bulandshahr	28.488656°	77.639861°	Dyeing	ETP	25	Nizampur Drain	Yes
118	Bulandshahar	M/S Agrotech Foods Ltd. Mundakhera Road, Khurja, Distt. Bulandshahr	28.273472°	77.882056°	Frozen Unit	ETP	8	Khurja Drain	Yes
119	Bulandshahar	M/S Al-Huda Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	28.270139°	77.873028°	Frozen Unit	ETP	50	Khurja Drain	Yes
120	Bulandshahar	M/S Al-Arfa Frozen Foods Ltd. Mundakhera Road, Khurja, Distt. Bulandshahr	28.273778°	77.882556°	Frozen Unit	ETP	10	Khurja Drain	Yes

121	Bulandshahar	M/S Al-Hamd Frozen Foods Mundakhera Road, Khurja, Distt. Bulandshahr	28.269211°	77.876439°	Frozen Unit	ETP	150	Khurja Drain	Yes
122	Bulandshahar	M/S Al-Hamd Frozen Foods (Slaughtering Unit) Mundakhera Road, Khurja, Distt. Bulandshahr	28.269211°	77.876439°	Slaughter Unit	ETP	150	Khurja Drain	Yes
123	Bulandshahar	M/S Al-Nazam Frozen Foods Mundakhera Road, Khurja, Distt. Bulandshahr	28.274139°	77.882194°	Frozen Unit	ETP	20	Khurja Drain	Yes
124	Bulandshahar	M/S Al-Shifa Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	28.272722°	77.880944°	Frozen Unit	ETP	30	Khurja Drain	Yes
125	Bulandshahar	M/S Al-Takabir Frozen Foods Ltd. Mundakhera Road, Khurja, Distt. Bulandshahr	28.273806°	77.882528°	Frozen Unit	ETP	25	Khurja Drain	Yes
126	Bulandshahar	M/S Al-Tasin Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	28.270667°	77.875972°	Frozen Unit	ETP	20	Khurja Drain	Yes

127	Bulandshahar	M/S Barkat Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	28.273472°	77.882194°	Frozen Unit	ETP	45	Khurja Drain	Yes
128	Bulandshahar	M/S Bharat Immunological Co. Ltd. Vill. Chola, Distt. Buladnshahr	28.336250°	77.710889°	Vaccine	ETP	20	Khurja Drain	Yes
129	Bulandshahar	M/S Creamy Foods Ltd. G.T. Road, Khurja, Distt. Bulandshahr	28.265433°	77.873203°	Dairy	ETP	1400	Khurja Drain	Yes
130	Bulandshahar	M/S Laham Export India P. Ltd. (Slaughtering Unit), Mundakhera Road, Khurja, Distt. Bulandshahr	28.274621°	77.885470°	Slaughter Unit	ETP	300	Khurja Drain	Yes
131	Bulandshahar	M/S Madina Frozen Foods Mundakhera Road, Khurja, Distt. Bulandshahr	28.267530°	77.874467°	Frozen Unit	ETP	150	Khurja Drain	Yes
132	Bulandshahar	M/S Madina Frozen Foods (Slaughtering Unit), Mundakhera Road, Khurja, Distt. Bulandshahr	28.268048°	77.873814°	Slaughter Unit	ETP	150	Khurja Drain	Yes
133	Bulandshahar	M/S Niryas Foods Products Pvt. Ltd. Vill. Khalsiya, Tahsil Khurja, Distt. Bulandshahr	28.318778°	77.849278°	Dairy	ETP	150	Khurja Drain	Yes

134	Bulandshahar	M/S Param Dairy Ltd., G.T. Road, Khurja, Distt. Bulandshahr	28.268248°	77.872064°	Dairy	ETP	600	Khurja Drain	Yes
135	Bulandshahar	M/S Sahiba Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	28.272583°	77.880750°	Frozen Unit	ETP	28	Khurja Drain	Yes
136	Bulandshahar	M/S Tasmia Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	28.269889°	77.872667°	Dyeing	ETP	35	Khurja Drain	Yes
137	Aligarh	Al-Anam Agro Foods Pvt. Ltd. (Meat Processing Unit), Vill.- Talaspur Khurd, Aligarh.	27.861806°	78.038139°	Meat Processing	ETP	60	Aligarh Drain	Yes
138	Aligarh	Al-Dua Food Processing Pvt.Ltd. Amarpur, Kodla, Teshil-Koil, Mathura Bypass Road, Aligarh	27.861722°	78.036750°	Slaughter House	ETP	1200	Aligarh Drain	Yes
139	Aligarh	Al-Hamd Agro Foods Products Pvt. Ltd. (Meat Processing Unit), Vill.-Udla Iliyaspur, Aligarh.	27.927472°	78.043301°	Meat Processing	ETP	50	Aligarh Drain	Yes

140	Aligarh	Al-Hamd Agro Foods Products Pvt. Ltd. Udala-Liyaspur, Sarsol, G.T. Road, Aligarh.	27.927472°	78.043301°	Slaughter House	ETP	500	Aligarh Drain	Yes
141	Aligarh	Al-Hasan Agro Foods Pvt.Ltd Amarpur, Kodla, Teshil-Koal, Mathura Bypass Road, Aligarh	27.855168°	78.035907°	Slaughter House	ETP	500	Aligarh Drain	No
142	Aligarh	Al-Tabarak Frozen Foods (P) Ltd. (Meat Processing Unit), Mathura Bypass Road, Village Mullapara Bhujpura Aligarh.	27.872652°	78.060429°	Meat Processing	ETP	10	Aligarh Drain	Yes
143	Aligarh	Al-Tabarak Frozen Foods Pvt.Ltd (Slaughter House) Mullapara, Teshil Kol, Aligarh	27.872652°	78.060429°	Slaughter House	ETP	300	Aligarh Drain	Yes
144	Aligarh	Ambika Metal Works, B-20, Industrial Estate, Aligarh	27.899083°	78.061389°	Building Hardware	ETP	3	Aligarh Drain	Yes
145	Aligarh	Bholey Baba Dairy Industry Ltd., Khair Road, Aligarh.	27.893361°	78.029139°	Dairy	ETP	655	Aligarh Drain	Yes
146	Aligarh	Chandak Brothers, B-7, Industrial Estate, Aligarh	27.903742°	78.063045°	Building Hardware	ETP	2	Aligarh Drain	Yes

147	Aligarh	Frigerio Conserva Allana Ltd., Talaspur Khurd, Aligarh	27.860056°	78.038306°	Meat Processing	ETP	435	Aligarh Drain	Yes
148	Aligarh	Frigerio Conserva Allana Ltd., (Slaughter House) Talaspur Khurd, Aligarh	27.860056°	78.038306°	Slaughter House	ETP	1200	Aligarh Drain	Yes
149	Aligarh	H.M.A. Agro Industries Ltd., Talaspur Khurd, Aligarh	27.862666°	78.044387°	Slaughter House	ETP	500	Aligarh Drain	No
150	Aligarh	Kokotoke India Pvt. Ltd., Vill.- Chamraula, Mathura Bypass Road, Aligarh	27.862750°	78.038250°	Meat Processing	ETP	5	Aligarh Drain	Yes
151	Aligarh	Al-Ammar Frozan Foods Export Pvt Ltd, Amarpur Kondla, Tehsil-Koil, Aligarh	27.863659°	78.026952°	Slaughter House	ETP	500	Aligarh Drain	Yes
152	Aligarh	Al-Halal International Pvt Ltd, Amarpur Kondla, Tehsil-Koil, Aligarh	27.860268°	78.028378°	Slaughter House	ETP	200	Aligarh Drain	Yes
153	Aligarh	Perfect Products, C-18. Industrial Estate, Aligarh	27.899333°	78.060917°	Building Hardware	ETP	1.5	Aligarh Drain	Yes

154	Aligarh	Samprash Foods Pvt. Ltd., 11th Km. Stone, Aligarh-Delhi Road, Village-Pachpeda, Aligarh	27.973306°	77.996944°	Dairry	ETP	250	Aligarh Drain	Yes
155	Aligarh	Aura Industries, Mehrawal, G.T. Road, Aligarh,	27.928139°	78.027583°	Building Hardwate	ETP	8	Aligarh Drain	Yes
156	Aligarh	Rajeev Metal Industries, A-74, Sector-2, Industrial Area, Talanagri, Aligarh	27.934139°	78.139583°	Building Hardware	ETP	5	Chherrat/ Lehtoi Drain	Yes
157	Aligarh	Ray-Internation, A-8, Sector-1, Industrial Area, Talanagri, Aligarh	27.936444°	78.135639°	Building Hardware	ETP	10	Chherrat/ Lehtoi Drain	Yes
158	Aligarh	Sigma Engineering Works, 7 th Km Stone, Anoopshahar Road, Aligarh	27.948111°	78.086500°	Building Hardware	ETP	6	Chherrat/ Lehtoi Drain	Yes
159	Aligarh	Heinz India Pvt Ltd, Manzurgarhi, Anoopshahar Road, Aligarh	27.959028°	78.099639°	Dairy	ETP	645	Chherrat/ Lehtoi Drain	Yes
160	Aligarh	Hind Agro Industries Ltd, Cdf Complex, Anoopshahar Road, Aligarh	27.954139°	78.079778°	Slaughter House	ETP	1500	Chherrat/ Lehtoi Drain	No
161	Aligarh	Kisan Sahkari Chini Mill, Satha, Aligarh	27.978056°	78.112333°	Sugar Mill	ETP	500	Chherrat/ Lehtoi Drain	No

162	Aligarh	Zuberi Fibers Pvt Ltd, CDF Comolex, D-1, UPSIDC, Aligarh	27.952529°	78.086696°	Paper Mill	ETP	1566	Chherrat/ Lehtoi Drain	Yes
163	Hathras	Krishna Carpet, B-3, 4, 5, Industrial Estate, District-Hathras.	27.608668°	78.053556°	Bath matt	ETP	120	Aligarh-Hatras Drain	Yes
164	Hathras	Kundanlal Industries, B-17, 18, Industrial Estate, Hathras	27.610306°	78.051889°	Dyes & Color	ETP	0	Aligarh-Hatras Drain	Yes
165	Hathras	Mahan Milk Food Pvt. Ltd. Industrial Area Salempur, Hathras	27.611333°	78.050278°	Dairy	ETP	300	Aligarh-Hatras Drain	Yes
166	Hathras	Om International, D-1, Industrial Estate, District-Hathras	27.610361°	78.051861°	Bathmatt	ETP	20	Aligarh-Hatras Drain	Yes
167	Hathras	S.N. Dairy Food Products Pvt. Ltd. Sasni, Hathras	27.678194°	78.078528°	Dairy	ETP	200	Aligarh-Hatras Drain	Yes
168	Hathras	S.N. Milk Products Pvt. Ltd. Sasni, Hathras	27.678194°	78.078528°	Dairy	ETP	160	Aligarh-Hatras Drain	Yes
169	Hathras	Taxfab Industries, A-16, Industrial Estate, District-Hathras	27.610306°	78.051889°	Bathmatt	ETP	10	Aligarh-Hatras Drain	Yes
170	Hathras	Bharat Industries, 2-A, Industrial Estate, Hathras	27.902083°	78.063528°	Dyes & Dye	Spry Dryer	0	Aligarh-Hatras Drain	Yes

171	Hathras	Bansal Overseas, Village-Dayanatpur, Aligarh Road, Hathras	27.625444°	78.060222°	Bathmatt	ETP	15	Aligarh-Hatras Drain	Yes
172	Hathras	Alfa Milk Food Pvt. Ltd. A-1 To 7 UPSIDC Industrial Area, Salempur- Hathras	27.662250°	78.248500°	Dairy	ETP	400	Aligarh-Hatras Drain	Yes
173	Hathras	Diamond Overseas, Nai Ka Nagla, Hathras.	27.588861°	78.046028°	Bathmatt	ETP	20	Aligarh-Hatras Drain	Yes
174	Mathura	Ginni Filaments Ltd. Unit-2, NH-2, Chhata, Mathura	27°45'29" N	77°28' 58" E	Textile	ETP	430	Kosi Arterian Drain	Yes
175	Mathura	Shamken cotsyn Ltd, B-15, C-18 industrial area, Kosi Kalan, Mathura	27.769693°	77.436344°	Textile	ETP	400	Kosi Arterian Drain	Yes
176	Mathura	Swarn Tex Prints pvt. Ltd. D-25/26, UPSIDC, Kotwan ind area, Kosi kalan, Mathura	27.824803°	77.420368°	Textile	ETP	190	Kosi Arterian Drain	No
177	Mathura	Vinayak Fibres ltd. A-6, C-6, Kotwan Kosi Kalan, Mathura	27.819900°	77.423742°	Textile	ETP	181	Kosi Arterian Drain	Yes
178	Mathura	Bhole Baba Milk Food Ind Ltd Dautana, Chhata, Mathura	27° 45' 29" N	77° 28' 58" 77	Dairy	ETP	1200	Kosi Arterian Drain	Yes

179	Mathura	Calpro (Mahan Protein ltd). Barhana, Nand Gaon Road, Kosi, Mathura	27° 45' 29" N	77° 28' 58"77	Dairy	Presently closed	0	Kosi Arterian Drain	Yes
180	Mathura	Sil Auto Fab Unit-2, Old Name-Shamken International Ltd, industrial area, Kotwan, Kosi Kalan, Mathura	27.839359°	77.414340°	Yarn/ Textile Processing	ETP	200	Kosi Arterian Drain	Yes
181	Mathura	Varun Beverages Ltd Dautana, Chhata, Mathura	27° 50' 20.94"N	77° 24' 50.91"E	Veg &Food processing	ETP	450	Kosi Arterian Drain	Yes
182	Mathura	Brindavan Agro Ind. Ltd. Shergarh Road, ChhataMathura	27° 45' 29" N	77° 28' 58"77	Veg &Food processing	ETP	490	Kosi Arterian Drain	Yes
183	Mathura	Jain Cord Pvt. Ltd., Dautana, Chhata , Mathura	27° 50' 20.94"N	77° 24' 50.91"E	Textile	ETP	450	Kosi Arterian Drain	Yes
184	Mathura	Anuradha Textiles,. Ganeshra Roadm Mtr	27.517300°	77.667878°	Yarn/Textile Processing	ETP	150	Masani Drain	Yes
185	Mathura	Brij Saree Udyog, Shivaji Nagar, Mtr	27.527483°	77.662128°	Yarn/Textile Processing	ETP	140	Masani Drain	Yes
186	Mathura	Radha Textiles, Goverdhan road, Mathura	27° 29' 58.68"N	77° 38' 43.37"E	yarn/ Textile Processing	ETP	130	Masani Drain	Yes
187	Mathura	Budhsen Vasudev, Shivaji Nagar, Mtr	27.527557°	77.662111°	Yarn/Textile Processing	ETP	35	Masani Drain	Yes

188	Mathura	Dayal Prints , Shivaji Nagar, Mtr	27.527566°	77.662360°	Yarn/Textile Processing	ETP	35	Masani Drain	Yes
189	Mathura	Dileep Saree Centre, Shivaji Nagar, Mtr	27.531554°	77.656826°	Yarn/Textile Processing	ETP	110	Masani Drain	Yes
190	Mathura	Ganesh Textels, Sarswati Kund, Mtr	27.517300°	77.667878°	Yarn/Textile Processing	ETP	120	Masani Drain	Yes
191	Mathura	Hanuman Textiles, Saraswati Kund, Mtr	27.524186°	77.680126°	Yarn/Textile Processing	ETP	30	Masani Drain	Yes
192	Mathura	Har Prasad Saree Ajampur Sarswati Kund, Mtr	27.524197°	77.680125°	Yarn/Textile Processing	ETP	10	Masani Drain	Yes
193	Mathura	Manoj Textiles, Sarswati Kund, Mtr	27.527186°	77.678964°	Yarn/Textile Processing	ETP	150	Masani Drain	Yes
194	Mathura	Mahesh Prints, Sarswati Kund, Mtr	27.527186°	77.678964°	Yarn/Textile Processing	ETP	160	Masani Drain	Yes
195	Mathura	Mahesh Saree House, Sarswati Kund, Mtr	27.527186°	77.678964°	Yarn/Textile Processing	ETP	150	Masani Drain	Yes
196	Mathura	Mohan Lal Master Saree, Sarswati Kund, Mtr	27.527186°	77.678964°	Yarn/Textile Processing	ETP	10	Masani Drain	Yes
197	Mathura	Taj Prints (Mustak Print), Shivaji Nagar, Mtr	27.527483°	77.662129°	Yarn/Textile Processing	ETP	140	Masani Drain	Yes
198	Mathura	Naina Enterprises(Rekha Saree), Jaisinghpura Banger, Mtr	27.529569°	77.680186°	Yarn/Textile Processing	ETP	120	Masani Drain	Yes
199	Mathura	Om Saree Centre, Sarsawati Kund,	27.527190°	77.678966°	Yarn/Textile Processing	ETP	190	Masani Drain	Yes

		Mtr							
200	Mathura	Ramji Prints, Saraswati Kund, Mtr	27.527186°	77.678964°	Yarn/Textile Processing	ETP	128	Masani Drain	Yes
201	Mathura	Shri Brijraj Cloth Printing Co., Shivaji Nagar, Mtr	27.531576°	77.656827°	Yarn/Textile Processing	ETP	250	Masani Drain	Yes
202	Mathura	Sureka Prints , Devipura, Nh-2, Mtr	27.529569°	77.680186°	Yarn/Textile Processing	ETP	180	Masani Drain	Yes
203	Mathura	Shree Ji Textile(UMESH SAREE CENTRE), SHIVAJI NAGAR, MTR	27.531578°	77.656819°	Yarn/Textile Processing	ETP	150	Masani Drain	Yes
204	Mathura	Upma Saree Centre, Shivaji Nagar, Mtr	27.531578°	77.656819°	Yarn/Textile Processing	ETP	110	Masani Drain	Yes
205	Mathura	Ramrasiya Textiles, Devipura, Mathura	27.517067°	77.651506°	Yarn/Textile Processing	ETP	150	Masani Drain	Yes
206	Mathura	Yash Textile, Jaisingh Pura Bangar, Mathura	27.498472°	77.640833°	Yarn/Textile Processing	ETP	150	Masani Drain	Yes
207	Mathura	Sanjay Textiles (Anchal Saree), Devipura, Bye-Pass, Mathura	27.517067°	77.651506°	Yarn/Textile Processing	ETP	140	Masani Drain	Yes
208	Mathura	Aqua Plumbing Pvt. Ltd. Gaurkendra, Bye Pas,S Mathura	27.530944°	77.655756°	Engg	ETP (ZLD)	0	Masani Drain	Yes
209	Mathura	The Panjab M.F.Works,	27.491436°	77.654800°	Metal Surface Treatment	ETP	8	Masani Drain	Yes

		1,2,Krishna Nagar, Mtr							
210	Mathura	Cartoon Sanitaion, Nh-2, Gaur Kendra, Mtr	27.530944°	77.655756°	Metal Surface Treatment	ETP	8	Masani Drain	Yes
211	Mathura	Cuspy Metalics, Nh-2, Gaur Kendra, Mtr	27.530944°	77.655756°	Metal Surface Treatment	ETP	3	Masani Drain	Yes
212	Mathura	Ess Kay Metalic Industries, Saunk Road, Krishna Nagar, Mtr	27.524197°	77.680125°	Metal Surface Treatment	ETP	3	Masani Drain	Yes
213	Mathura	General Plumbing, Triveni Complex, Mtr	27.506100°	77.678728°	Metal Surface Treatment	ETP	3	Masani Drain	Yes
214	Mathura	K.G.Metal Prod.(Kayson Metal), Krishna Nagar, Mtr	27.491440°	77.654806°	Metal Surface Treatment	ETP	2	Masani Drain	Yes
215	Mathura	Kumar Metals, Saonkh Road Krishna Nagar, Mtr	27.491440°	77.654806°	Metal Surface Treatment	ETP	2	Masani Drain	Yes
216	Mathura	Mayur Industries, Nh-2, Gaur Kendra, Mtr	27.530986°	77.655378°	Metal Surface Treatment	ETP	3	Masani Drain	Yes
217	Mathura	Metalman India, Krishna Nagar, Mtr	27.491311°	77.654454°	Metal Surface Treatment	ETP	1	Masani Drain	Yes
218	Mathura	Chancal Electr. (Prem Singh Ele.), Saunkh Road, Mtr	27.490852°	77.654307°	Metal Surface Treatment	ETP	1.5	Masani Drain	Yes
219	Mathura	Radhika Sanitation, E-86, Ind. Area, Site A, Mtr	27.482994°	77.666289°	Metal Surface Treatment	ETP	2	Masani Drain	Yes

220	Mathura	Rama Metal, Saunk Road Krishna Nagar, Mtr	27.491236°	77.653825°	Metal Surface Treatment	ETP	1.5	Masani Drain	Yes
221	Mathura	Radika Plumbings (Everest Metal), E-50, Ind. Area, Site A, Mtr	27.483482°	77.665640°	Metal Surface Treatment	ETP	1.5	Masani Drain	Yes
222	Mathura	Royal Sanitation Pvt, Gaur Kendra, Mtr	27.531516°	77.656196°	Metal Surface Treatment	ETP	3	Masani Drain	Yes
223	Mathura	Shri Krishna Plumbing, Triveni Complex, Mtr	27.499452°	77.645349°	Metal Surface Treatment	ETP	3	Masani Drain	Yes
224	Mathura	Tirupapi Industres (Jai Durga), Gaur Kendra, Mtr	27.531422°	77.657366°	Metal Surface Treatment	ETP	2	Masani Drain	Yes
225	Mathura	Bhriugu Sons Engg. Works, Gaur Kendra, Mathura	27.506100°	77.678728°	Metal Surface Treatment	ETP	2	Masani Drain	Yes
226	Mathura	Raj Interprises , Karshni Complex Mtr	27.499421°	77.647888°	Metal Surface Treatment	ETP	1	Masani Drain	Yes
227	Mathura	Om Polishing Works, Karshni Complex, Goverdhan Raod, Mtr	27.499365°	77.646183°	Metal Surface Treatment	ETP	1	Masani Drain	Yes
228	Mathura	Anand Metal Works Pali Khera, Sonkh Road, Mtr	27.506100°	77.678728°	Alluminium Utensils	ETP	0.4	Masani Drain	Yes
229	Mathura	Harnam Matels, Sanuk Road, Krishna Nagar, Mtr	27.490472°	77.653687°	Metal Surface Treatment	ETP	0.3	Masani Drain	Yes

230	Mathura	Shivani Electroplators(Santo sh Gupta Vibretor) Gaour Kendra, Mathura By Pass	27.530494°	77.655892°	Metal Surface Treatment	ETP	0.2	Masani Drain	Yes
231	Mathura	Anil Cloth Store, C-64, Ind.Area, Site A, Mtr	27.483575°	77.665671°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
232	Mathura	Balaji Textiles Printers, E-70, Ind. Area, Site A, Mtr	27.517303°	77.667885°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
233	Mathura	Gauri Prints(G.S.Das Kapreywala). E-84, Ind. Area, Site A, Mtr	27.483120°	77.666802°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
234	Mathura	Ghanshyamdas Kapdewala li, E-84, Ind. Area, Site A, Mtr	27.517303°	77.667885°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
235	Mathura	Gopi Kishan Saree House, G-62, Ind. Area, Site A, Mtr	27.482915°	77.665564°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
236	Mathura	Mini Products (Krishna Prints), C-36.,Ind. Area, Site A, Mtr	27.480461°	77.665083°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
237	Mathura	Madan Mohan Goyal, C-35, Ind. Area, Site A, Mtr	27.482994°	77.666289°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
238	Mathura	Makhan Chor Prints, C-10, Ind. Area, Site A, Mtr	27.483148°	77.666813°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes

239	Mathura	Seema Textile(Raj Shri Prints), Site-A, Delhi Bypass, Mtr	27.517300°	77.667878°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
240	Mathura	Rajeev Saree Printers, E-90, Ind Area Site A Mtr	27.484739°	77.666163°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
241	Mathura	Neelam Prints, Ind. Area, Site-A, Mtr.	27.483743°	77.666687°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
242	Mathura	Mathura Textiles, E-76, Ind. Area, Site A, Mtr	27.482413°	77.667274°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
243	Mathura	Mathura Trading Co., E-68, Ind. Area, Site A, Mtr	27.482776°	77.665786°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
244	Mathura	National Textiles, C-37, Ind. Area, Site A, Mtr	27.483324°	77.667054°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
245	Mathura	Radhika Prints, C-51, Ind. Area, Site A, Mtr	27.481935°	77.664058°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
246	Mathura	Ramesh Chand Agrawal, C-48, Ind. Area, Site A, Mtr	27.479938°	77.665316°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
247	Mathura	National Screen Products, E-83, Ind. Area, Site A, Mtr	27.483633°	77.667102°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
248	Mathura	Sidh Vinayak Ind., S-9, Ind. Area, Site A, Mtr	27.484236°	77.665083°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
249	Mathura	Ridhi Sidhi Prints (Ranchu Mal, Ganjimal), D-73,	27.485926°	77.666750°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes

		Ind. Area, Site A, Mtr							
250	Mathura	Ranchumal Saree Udyog, C-63, Ind Area Site A Mtr	27.482994°	77.666244°	Yarn/Textile Processing	CETP	Conected with CETP	Ambakhar Drain	Yes
251	Mathura	M. B. D. Metal Works, E-96 B, Ind. Area Site A, Mtr	27.483374°	77.666194°	Brass Wire & Strips	ETP	0.5	Ambakhar Drain	Yes
252	Mathura	M.C.Metal Works, E-96 A, Ind. Area, Site A, Mtr	27.482505°	77.665245°	Brass Wire & Strips	ETP	0.5	Ambakhar Drain	Yes
253	Mathura	Mahaveer Industries, F-24, Ind. Area, Site A, Mtr	27.485953°	77.666744°	Brass Wire & Strips	ETP	0.5	Ambakhar Drain	Yes
254	Mathura	Mahaveer Metal Works, F-21, Ind. Area, Site A, Mtr	27.484291°	77.666694°	Brass Wire & Strips	ETP	0.5	Ambakhar Drain	Yes
255	Mathura	Mahaveer Udyog, F-29, Ind. Area, Site A, Mtr	27.483671°	77.666066°	Brass Wire & Strips	ETP	0.2	Ambakhar Drain	Yes
256	Mathura	P.D.Wire Industries, E-43. Ind. Area, Site A, Mtr	27.482505°	77.665245°	Brass Wire & Strips	ETP	0.5	Ambakhar Drain	Yes
257	Mathura	Kumar Fastners, S- 15, Ind. Area, Site A, Mtr	27.484085°	77.666820°	Nutt Bolt	ETP	0.2	Ambakhar Drain	Yes
258	Mathura	Shri Ji Electroplaters, D- 48, Ind. Area, Site A, Mtr	27.483965°	77.666510°	Metal Surface Treatment	ETP	0.2	Ambakhar Drain	Yes

259	Mathura	Shri Ji Electroplating,D-69, Site-A, Mathura)	27.506100°	77.678728°	Metal Surface Treatment	ETP	0.5	Ambakhar Drain	Yes
260	Mathura	Status Sainitech Pvt Ltd, S-2, Ind. Area, Site A, Mtr	27.483529°	77.663858°	Metal Surface Treatment	ETP	3	Ambakhar Drain	Yes
261	Mathura	Bharat Metal Works, D-63, Ind. Area, Site A, Mtr	27.481569°	77.666237°	Metal Surface Treatment	ETP	1.8	Ambakhar Drain	Yes
262	Mathura	Ioc Ltd Mathura Refinery Mathura	27.383797°	77.688901°	Oil Refinery	ETP	16000	Refinery Drain	Yes
263	Agra	Agra Chains Pvt. Ltd. 14 Ind. Area, Nunhai Agra	27.201556°	78.047944°	Electroplating	ETP	5	Peelakhar Drain	Yes
264	Agra	Agra Machine Tools Pvt. Ltd., Industrial Area, Nunhai Agra	27.196833°	78.047167°	Electroplating	ETP	5	Peelakhar Drain	Yes
265	Agra	Atul Deepwell Hand Pumps, Atul Compund, Nunhai, Agra	27.204806°	78.057139°	Electroplating	ETP	3	Peelakhar Drain	Yes
266	Agra	Benara Udyog Pvt. Ltd., Bodla Road, Agra	27.190917°	77.969111°	Electroplating	ETP	5	Peelakhar Drain	Yes
267	Agra	Bharat Chains Manufacturing Company , 99, Nunhai, Agra	27.202977°	78.059131°	Electroplating	ETP	1	Peelakhar Drain	Yes
268	Agra	Crown Chains, 147, Nunhai, Agra	27.201554°	78.050965°	Electroplating	ETP	1	Peelakhar Drain	Yes

269	Agra	Jai Durga Electroplaters, 135-A, Industrial Estate Nunhai, (Formerly Address) (Madan Lal Agarwal Nickle Plant) 50/74, Shivdasani Nagra, Sahganj, Agra	27.206944°	78.020528°	Electroplating	ETP	1	Peelakhar Drain	Yes
270	Agra	Khandelwal Industries Enterprises, 72-80, I.E, Nunhai, Agra	27.199723°	78.050276°	electroplating	ETP	5	Peelakhar Drain	Yes
271	Agra	Kundan Chains, Freeganj, Agra	27.193640°	78.023810°	Electroplating	ETP	3	Peelakhar Drain	Yes
272	Agra	Kush Chains, 113 Industries, Industrial Estate, Nunhai, Agra	27.206944°	78.020528°	Electroplating	ETP	1	Peelakhar Drain	Yes
273	Agra	M.L Chain 21, Industrial Estate, Nunhai, Agra.	27.197528°	78.048000°	Electroplating	ETP	1	Peelakhar Drain	Yes
274	Agra	R.S. Chain & Company Behind Of Poliwal Foundary, Rambag, Agra.	27.205741°	78.042105°	Electroplating	ETP	1	Peelakhar Drain	Yes
275	Agra	Radha Chains, 9-10, Ind. State, Nunhai, Agra	27.197528°	78.048000°	Electroplating	ETP	3	Peelakhar Drain	Yes
276	Agra	Rajni Chains, 167, Ind. State, Nunhai, Agra	27.202028°	78.052889°	Electroplating	ETP	2	Peelakhar Drain	Yes

277	Agra	S.K. Udyog, 22/2B Gangeshwar Campous, Motilal Nehru Road, Agra	27.199833°	78.022194°	Electroplating	ETP	1	Peelakhar Drain	Yes
278	Agra	Frigrifigo Allana Pvt. Ltd Owned By Modern Slaughter House Nagar Nigam Chhalesar, Kuberpur, Agra	27.207281°	78.095051°	Meat Processing/ Slaughter House	ETP	215	Peelakhar Drain	Yes
279	Agra	H.M.A. Frozen Foods Export Kuberpur, Agra	27.207725°	78.102186°	Meat Processing	ETP	30	Peelakhar Drain	Yes
280	Agra	HMA Food Exports Pvt. Ltd. (Slaughter House) Plot No. 293-295 And 297, Kuberpur, Etmadpur, Agra	27.207725°	78.102186°	Slaughter House	ETP	0	Peelakhar Drain	Yes
281	Agra	G.K. Dairy Jarar, Bah Agra	26.951454°	78.369261°	Milk Processing	ETP	65	Peelakhar Drain	Yes
282	Agra	Srashti Chains, 168-B Industrial Estate, Nunihai, Agra	27.213917°	78.007583°	Electroplating	ETP	1	Peelakhar Drain	Yes
283	Firozabad	M/S Gold India, Industrial Estate, Firozabad	27.163889°	78.375278°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
284	Firozabad	M/S Seeta Industries, Rahna Road, Firozabad	27.167222°	78.379444°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
285	Firozabad	M/S Shri Girraj Ji Decorator, Rahna Road, Firozabad	27.169444°	78.380556°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No

286	Firozabad	M/S Jai Bajrang Wali Mettlizing, Rahna Road, Firozabad	27.169167°	78.380833°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
287	Firozabad	M/S Sunil Decorators, Rahna Road, Firozabad	27.167778°	78.378889°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
288	Firozabad	M/S Radha Shri Rainbow Mettlizing, Rahna Road, Firozabad	27.168889°	78.380000°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
289	Firozabad	M/S B.V.M. (Centuri) Mettlizing, New Rasoolpur, Mainpuri Gate, Firozabad	27.140000°	78.400000°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
290	Firozabad	M/S Ambika Mettlizing, St Jon's Chauraha, Agra Road, Firozabad	27.170556°	78.370556°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
291	Firozabad	M/S Jai Bhole Mettlizing, Tapa Kalan, Jalesar Road, Firozabad	27.169167°	78.395000°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
292	Firozabad	M/S Shri Mahaveer Ji Polishers, Surya Nagar, Near Prakash Talkies, Firozabad	27.162500°	78.395278°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
293	Firozabad	M/S Shri Ji Mettlizing, Shivaji Marg, Firozabad	27.154194°	78.396662°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No

294	Firozabad	M/S V.I.P. (Varda Decorators) Mettlizing, Near National Glass Industries, Jatavpuri Chauraha, Firozabad	27.151615°	78.409733°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
295	Firozabad	M/S Pyumik Mettlizing, Near Rasoolpur, Pani Ki Tanki, Firozabad	27.139167°	78.409167°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
296	Firozabad	M/S Arihant Mettlizing, Rahna Road, Firozabad	27.169167°	78.380556°	Red category	ETP not installed	5	Nayabans/Ant ki Madiya	No
297	Firozabad	Laljee Board Industries (P) Ltd., A-34, Industrial Estate, Firozabad	27.163056°	78.372222°	Red category (ZLD based)	ETP installed (ZLD)	0	Nayabans/Ant ki Madiya	
298	Firozabad	Dayal Ji Board Ind. Pvt. Ltd., A-35, 37, Ind. Estate, Firozabad	27.163056°	78.372222°	Red category (ZLD based)	ETP installed (ZLD)	0	Nayabans/Ant ki Madiya	
299	Firozabad	Krishna Chemical , Industrial. Lalau Road	27.173889°	78.370556°	Red category	ETP installed	5	Nayabans/Ant ki Madiya	No
300	Firozabad	Single Chemical, Industrial State, Firozabad.	27.165557°	78.373055°	Red category	ETP installed	6	Nayabans/Ant ki Madiya	No

Appendix 3 A

GAP Analysis of Industries Situated in the Polluted Stretch of River Yamuna

S.No .	District	Name of Industry	Sector	Water Consumption (KLD)	Effluent Discharge (KLD)	Details of ETP	Gap Analysis	Remark
1	G.B.Nagar	Advance Appliances (P)Ltd., B-21, Sector-83, Noida	Metal Surface Treatment	3	1.5	Collection cum Equalisation tank, Reaction cum settling tank, Chemical dosing tank, Dual Media Filter, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
2	G.B.Nagar	Aero Club, C-16, Phase-II, Noida	Yarn/ Textile Processing (Printing Only)	4	3	Bar Screen, Equalisation tank, Reaction tank, Flocculation tank, chemical dosing, Tube Settler, Buffer Tank, ION Exchange, DMF, ACF, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
3	G.B.Nagar	Afflatus Gravures (P) Ltd., A-10a, Sector-68, Noida	Metal Surface Treatment	15	10	Collection Tank, chemical dosing, neutralisation Tank, defuser, flash mixer, tube settler, dual media filter, sludge drying beds	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

4	G.B.Nagar	Agra Products (P)Ltd., Plot No.-94, 99, Nsez, Noida	Metal Surface Treatment	10	8	Collection Tank, chemical dosing, neutralisation Tank, defuser, flash mixer, tube settler, dual media filter, sludge drying beds	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
5	G.B.Nagar	Anand Electroplaters B-87, 88, Sector-10, G.B. Nagar, Noida	Metal Surface Treatment	3	2	Collection cum Equalisation tank, Chemical dosing tank, Reaction cum settling tank, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
6	G.B.Nagar	Ankur Industries C- 395, Sector-10, G.B.Nagar, Noida	Metal Surface Treatment	1.5	1	Collection cum Equalisation tank, Chemical dosing tank, Reaction cum settling tank, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
7	G.B.Nagar	Apsim International (P) Ltd,W-4,Sector- 11,Noida	Yarn/ Textile Processing (Printing Only)	2	1.5	Collection cum Equalisation tank, Chemical dosing tank, Reaction tank, Tube Settler, Dual Media Filter, Sludge Drying Beds, Treated Water Collection Tank.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

8	G.B.Nagar	B.R. Seth & Co. C-20, Sector-6, Noida, Gautambuddha Nagar	Metal Surface Treatment	3	2	Collection Tank, Reaction cum Settling Tank, chemical dosing Tank, dual media filter, sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
9	G.B.Nagar	Bhalla Electroplaters C-195, Sector-10, Noida, G.B. Nagar	Metal Surface Treatment	2	1	Collection Tank, chemical dosing Tank, Reaction cum Settling Tank, Sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
10	G.B.Nagar	Bharat Electroplaters H-77, Sector-9 Noida, Gautambuddha Nagar	Metal Surface Treatment	3	2	Collection Tank, chemical dosing Tank, Reaction cum Settling Tank, Sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
11	G.B.Nagar	C & S Electric, C-59, Phase-II, Noida	Metal Surface Treatment	25	20	Bar screen, Oil & Gress Trap, Equalization Tank, Chemical Dosing System, Flash mixer, , Tube settler, DMF, Filter Press.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
12	G.B.Nagar	Captain Gears & Fans, D-35, Sector-11, Noida	Metal Surface Treatment	2	1.2	Collection Tank, reaction cum settling system, chemical dosing, sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

13	G.B.Nagar	Chemico Processing, A-53, Sector-83, Noida	Yarn/ Textile Processing (Printing Only)	8	5	Collection Tank, Flash Mixure, Flocculator, Tube Settler, chemical dosing, DMF, Sludge drying beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
14	G.B.Nagar	Connect International, B-5, Sector-81, Noida	Metal Surface Treatment	2	1.5	Collection tank, Flash Mixure, Tube Settler, Dual Media Filter, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
15	G.B.Nagar	Cosmo Industries, C-44, Hosiery Complex, Noida	Yarn/Textile Processing	75	50	Bar Screen, Equalisation tank, Reaction tank, Chemical dosing, Tube Settler, DMF, ACF, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
16	G.B.Nagar	D.P. Garg B-210 B, Phase-Ii, Noida	Metal Surface Treatment	30	20	Oil & Grease Trap, Equalisation tank, Reaction Tank-02 nos., Tube Settler -I & II, Holding Tank, Dual Media Filter, Sludge Pit, Filter Press, R.O.Plant.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

17	G.B.Nagar	Savencia formage & Dairy India Pvt. Ltd (Old Name -Dabon International Pvt Ltd). A-41,42, Hosiery Complex, Noida	Milk Processing	30	20	Bar screen, Oil & Grease Trap, Equalization Tank, Flash mixer, Primary Clarifier, Flocculator, Aeration Tank, Chemical Dosing Tank, Secondary Clarifier,DMF, ACF, Filter Press,	No Gap	
18	G.B.Nagar	Dalip Enterprises, D-87, Hosiery Complex, Noida	Yarn/Textile Processing	2	1.5	Collection tank, Flash Mixwe, Tube Settler, Dual Media Filter, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
19	G.B.Nagar	Delhi Prints, D-97, Sector-2, Noida	Yarn/ Textile Processing (Printing Only)	3	2	Collection cum Equalisation tank, Reaction cum settling tank, Chemical dosing tank, Dual Media Filter, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

20	G.B.Nagar	Delta Factors India Pvt. Ltd. C-459, Sector - 10, Noida	Metal Surface Treatment	2	1	Bar Screen, Collection cum Equalisation tank, Reaction cum Flocculation tank, Settling Tank, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
21	G.B.Nagar	Dr.Willmerschwabey, A-36, Sector-60, Noida	Pharmaceutica ls	25	18	Collection Tank, reaction cum settling system, chemical dosing, sludge drying beds.	No Gap	
22	G.B.Nagar	Eveready India Ltd., B-1, B-2, Sector - 80, Noida	Industrial Carbon Including Electrodes etc.	10	8	Oil separation tank, oil collection tank, Primary settling Tank, Aeration Tank, Final settling tank, Sludge drying beds.	No Gap	
23	G.B.Nagar	Frontier Print, A-66, Sector-80, Noida	Yarn/ Textile Processing (Printing Only)	7	5	Equalisation tank, Chemical dosing tank, Reaction cum settling Tank, Dual Media Filter, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
24	G.B.Nagar	Gripwel Fasteners (P)Ltd., 142a/30, 142a/51, Nsez, Noida	Metal Surface Treatment	90	70	Equalisation tank-02 nos., Chemical dosing tank, Reaction Tank Settling Tank, Dual Media Filter, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

25	G.B.Nagar	Hafiz Exports, B-50, Hosiery Complex, Noida	Yarn/ Textile Processing (Printing Only)	8	5	Collection tank, Chemical dosing tank, Tube Settler, Dual Media Filter, ION Exchange System, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
26	G.B.Nagar	Haldiram Snacks (P)Ltd., A-11, Sector-68, Noida	Veg	500	400	Bar screen, Oil & Grease Trap, Equalization Tank, Flash mixer, Flocculator, Aeration Tank, Primary Clarifier, Chemical Dosing Tank, Secondary Clarifier, DMF, ACF, Filter Press, Bio Digestor with gas Flair System.	No Gap	
27	G.B.Nagar	Haldiram Snacks (P)Ltd., C-3, Sector-67, Noida	Veg	700	600	Bar screen, Oil & Grease Trap, Equalization Tank, Flash mixer, Flocculator, Aeration Tank, Primary Clarifier, Chemical Dosing Tank, Secondary Clarifier, DMF, ACF, Filter Press,	No Gap	

28	G.B.Nagar	Haldiram Snacks (P)Ltd., A-2-4, Sector-65, Noida	Veg	600	500	Bar screen, Oil & Grease Trap, Equalization Tank, Flash mixer, Flocculator, Aeration Tank, Primary Clarifier, Chemical Dosing Tank, Secondary Clarifier,DMF, ACF, Filter Press,	No Gap	
29	G.B.Nagar	Haldiram Snacks (P)Ltd., B-1, Sector-63, Noida	Veg	700	600	Bar screen, Oil & Grease Trap, Equalization Tank, Flash mixer, Flocculator, Aeration Tank, Primary Clarifier, Chemical Dosing Tank, Secondary Clarifier,DMF, ACF, Filter Press, Bio Digestor with gas Flair System.	No Gap	
30	G.B.Nagar	Indeutsch Industries Pvt. Ltd. 39,40, N.S.E.Z., Phase -2, Noida	Metal Surface Treatment	15	10	Bar screen, Oil & Gress Trap, Equalization Tank, Flash mixer, Flocculator, Tube settler,DMF, R.O. Plant.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
31	G.B.Nagar	Indeutsch, 141, Nsez, Noida	Metal Surface Treatment	15	10	Bar screen, Oil & Gress Trap, Equalization Tank, Flash mixer, Flocculator, Tube settler, DMF, R.O. Plant.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

32	G.B.Nagar	Indeutsch, 42, Nsez, Noida	Metal Surface Treatment	5	3	Bar screen, Oil & Gress Trap, Equalization Tank, Flash mixer, Flocculator, Tube settler, DMF, R.O. Plant.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
33	G.B.Nagar	Info Power Technologies (Formerly - Sarcsynertech Ltd.) A-4, Phase-II, Noida	Metal Surface Treatment	25	20	Equalisation tank, Reaction Tank Tube Settler, Buffer Tank, Dual Media Filter, ACF, Filter Press, ION Exchange system, Chemical Dosing System, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
34	G.B.Nagar	J.P.C., B-4, Hosiery Complex, Noida	Textiles	250	208	Bar Screen, Equalisation Tank, Flash Mixer, Flocculator, and Aeration Tank. Chemical Reaction Tank, Tube settler, DMF, ACF, Filter Press.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
35	G.B.Nagar	Karika India Pvt. Ltd B-126, Sector-5, Noida	Yarn/Textile Processing	8	5	Bar Screen, Collection Tank, Reaction Tank. Tube settler tank, Supernatant tank, Aeration Tank (SBR/Tube Settler), DMF, ACF. Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention

								for textile industry.
36	G.B.Nagar	Laal Sons Electrotechpvt. Ltd. B-29, Sector-8, Noida	Metal Surface Treatment	1	0.5	Collection Tank, reaction cum settling system, chemical dosing, sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
37	G.B.Nagar	Laxmi Remote India (P) Ltd, B-201, Phase-II, Noida	Metal Surface Treatment	20	15	Bar Screen, Oil & Grease Trap, Flash Mixer, PST, MMBBR, SST, Dual media filter, Ultra filtration System, Sludge drying beds.,	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
38	G.B.Nagar	Lts International (P)Ltd., B-13, Hosiery Complex, Noida	Metal Surface Treatment	6	4	Equalisation tank, Reaction cum Settling Tank, Chemical dosing tank, Dual Media Filter, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
39	G.B.Nagar	Luxor Writing Instruments (P)Ltd., A-40, Hosiery Complex, Phase-II, Noida	Metal Surface Treatment	8	5	Equalisation tank, chemical dosing tank, flocculation tank, clarifier, DMF, ultra filter, sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

40	G.B.Nagar	Mezzo Clothing (P)Ltd., A-3, Sector-58, Noida	Yarn/ Textile Processing (Printing Only)	3	2	Equalisation tank, Reaction Tank, Chemical dosing tank, Tube Settler, Dual Media Filter, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
41	G.B.Nagar	Minda Corporation Ltd., D-6-11, Sector-59, Noida	Metal Surface Treatment	20	15	Bar Screen, Oil & Grease Trap, Equalisation Tank, Flash Mixer, Flocculator, Tube Settler dual media filter, Filter Press, Sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
42	G.B.Nagar	Modern Door Devices Pvt.Ltd.,C-75A, Sector 8, Noida	Metal Surface Treatment	8	5	Bar Screen, Oil & Grease Trap, Equalisation Tank, Flash Mixer, Flocculator, Tube Settler dual media filter, Filter Press, Sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
43	G.B.Nagar	Monica Steel (P)Ltd., A-56, Sector-8, N Oida	Metal Surface Treatment	2	1	Bar Screen, Oil & Grease Trap, Equalisation Tank, chemical dosing, dual media filter, Sludge drying beds.,	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

44	G.B.Nagar	Moryo Calico,C-131, Sector-63, Noida	Yarn/ Textile Processing (Printing Only)	3	2	Collection Tank, chemical dosing, Tube settler, dual media filter, Sludge drying beds, Treated Water Tank.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
45	G.B.Nagar	N.K. Dyeing C-170, Hosiery Complex, Noida	Yarn/Textile Processing	40	30	Bar Screen, Equalisation Tank, chemical dosing, flash mixer, tube settler, dual media filter, Sludge drying beds.,	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
46	G.B.Nagar	Infopower Technologies Ltd (Nano Electrotech pvt. Ltd). S.D.F No F-1B, 3A, 3B, 4A, 4B NSEZ, Noida	Metal Surface Treatment	2	1.8	Collection Tank 2 No., Reaction Tank 3 No., Tube Settler 2 No., Oxidation Tank, DMF. ACF, Oin exchange vessel, Filter press, Sludge drying beds, online chemical dosing, Mixing.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

47	G.B.Nagar	Neokraft Global (P)Ltd. (Formerly - New Lite Zkw Lighting (P) Ltd. 137, Nsez, Noida	Metal Surface Treatment	65	58	Bar Screen, Equalisation Tank, chemical dosing, Clarifier, Dual media filter, R.O. System, Sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
48	G.B.Nagar	Nidhi Auto Pvt. Ltd. C-43, Phase-Ii, Noida	Metal Surface Treatment	25	20	Electroplating/Pickling Section-Equalisation Tank, Chemical Dosing Tank, Reaction tank, Settling Tank, Sludge Drying Beds. PHOSFATING SECTION- CollectionTank, Reaction Tank, Tube Settler, Supernetent Tank dual media filter, Sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
49	G.B.Nagar	Parag Dairy, B-219, Phase-Ii, Noida	Dairy	300	250	Bar Screen, Oil and Gress Trap, Equalisation Tank., UASV, Aeratio Tank, Secondry Clifair, Sludge drying beds,	No Gap	
50	G.B.Nagar	Quality Needles (P) Ltd., A-8, Sector-57, Noida	Metal Surface Treatment	15	11	CollectionTank, Chemical Dosing/Mixing Tank, Clarifier, Filter Water Tank, Sludge Holding Tank.Centrifusal Dryer	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

51	G.B.Nagar	Rga Export (P) Ltd., B-43, Sector-81, Noida	Yarn/ Textile Processing (Printing Only)	8	5	Collection Tank, Reaction Tank, Settling Tank, dual media filter, Sludge drying beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
52	G.B.Nagar	S.K. Enterprises, C- 191, Hosiery Complex, Noida	Yarn/ Textile Processing (Printing Only)	3	2	Equalisation Tank, Flash Mixer, Flocculator, Chemical Dosing, Tube Settler, DMF, Sludge drying beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
53	G.B.Nagar	S.S. Processors Pvt. Ltd. A-43, Sector-5, Noida, Gautambuddha Naga	Yarn/Textile Processing	20	15	Oil & Grease Trap, Equalisation Tank, Chemical dosing, Reaction Tank, Dual media filter, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

54	G.B.Nagar	Samtexdesinz (Formerly- Nalini Silk Mills), Plot No.-A-36, Phase-II, Noida	Cotton Textile Industries	900	700	Equalisation Tank, pH Correction Tank, Flash Mixer , Flocculator, Tube Settler, ACF, DMF, Sludge Holding Tank, Filter Press.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
55	G.B.Nagar	Sandeep Paper Mills (P) Ltd, A-20, Sector-6, Noida	Pulp & Paper Unit	1000	850	Bar Screen, Equalisation Tank, Crefta, Aeration Tank, Chemical Dosing Tank, Secondary Clarifier, DMF and Filtter Press.	No Gap	
56	G.B.Nagar	Sandhu Electroplating & Engineering Works B-91, Sector 10, Noida	Metal Surface Treatment	2	1	Collection cum Equalisation tank, Chemical dosing tank, Reaction cum settling tank, Treated water tank, DMF Filtter Press	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
57	G.B.Nagar	Sanidhya Engineers (P) Ltd., D-43, Hosiery Complex, Noida	Yarn/Textile Processing	30	25	CollectionTank, chemical dosing,Reaction Tank,Tube settler, dual media filter, Sludge drying beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

58	G.B.Nagar	Satguru Processor, C-160, Hosiery Complex, Noida	Yarn/Textile Processing	40	30	Equalisation Tank, Ph Correction Tank, Flash mixer, Flocculator, Tube settler, dual media filter, Sludge drying beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
59	G.B.Nagar	Sequel Alloys & Wires (P) Ltd., 143A, 154A To 154E, NSEZ, Noida	Metal Surface Treatment	6	4	Collection Tank, chemical dosing, Tube settler, dual media filter, Sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
60	G.B.Nagar	Sham Dyers B-24, Sector-4, Noida	Yarn/Textile Processing	60	48	Bar Screen, Equalisation Tank, chemical dosing, Reaction Tank, Tube settler-1, MBBR, Tube settler-2, MGF, ACF, Sludge Holding Tank, Filter Press, Supernetent Tank.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
61	G.B.Nagar	Smc Pneumatics (I)(P)Ltd., A-4, Sector-88, Noida	Metal Surface Treatment	20	14	Bar Screen, Equalisation Tank, Reaction Tank, Tube settler-1, Aeration Tank, Tube settler-2, MGF, ACF, Supernetent Tank.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

62	G.B.Nagar	Soni Dyeing C-190, Hosiery Complex, Noida	Yarn/Textile Processing	55	45	Bar Screen, Equalisation Tank, chemical dosing/ Settling Tank, Aeration Tank, Clarifier, ACF, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
63	G.B.Nagar	Sterling Ornaments (P)Ltd. Jc-19, N.S.E.Z., Noida	Metal Surface Treatment	10	8	Only Domestic Effluent	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
64	G.B.Nagar	Subros Ltd., B-198, Phase-II, Noida	Metal Surface Treatment	300	220	Collection Tank, Reaction tank, chemical dosing, tube settler, Buffer tank, dual media filter, sludge drying beds	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
65	G.B.Nagar	Super Fine Processors (P) Ltd., C-36, Sector-8, Noida	Yarn/Textile Processing	15	10	Bar Screen, Oil & Grease Trap, Equalisation Tank, Chemical dosing, Dual media filter, Sludge drying beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

66	G.B.Nagar	T.P.Singh& Company C-179, Hosiery Complex, Noida	Metal Surface Treatment	8	5	Collection Tank, Flash Mixer, Flocculator, Tube settler, Chemical dosing, Dual media filter, sludge drying beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
67	G.B.Nagar	The Ganesh Hosiery Industries, F-67, Sector-11, Noida	Yarn/Textile Processing	40	30	Collection Tank, Reaction Tank, Clarification Tank, Sludge drying beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
68	G.B.Nagar	Tri Star Products (P)Ltd., B-43, Sector- 80, Noida	Metal Surface Treatment	8	6	Equalisation Tank, Sump, Flash Mixer, Primary Tube Settler, Aeration Tank, Secondary Tube Settler, DMF-2 no., ACF, Sludge collection Tank, Filter press,	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
69	G.B.Nagar	Uflex Ltd., A-1, Sector-60, Noida	Metal Surface Treatment	25	20	Equalisation Tank, Reaction Tank, Chemical dosing, Tube settler, R.O., Sludge Press.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

70	G.B.Nagar	Uflex Ltd., A-2, Sector - 60, Noida	Metal Surface Treatment	8	5	Bar Screen, Oil & Grease Trap, Equalisation Tank, Flash Mixer, chemical dosing, Tube settler - 1, Aeration Tank, Tube Settler-2, dual media filter, Filter Press, Absorption vessel, Ion Exchange	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
71	G.B.Nagar	Uniparts India Ltd. B-208, Phase-Ii, Noida	Metal Surface Treatment	20	15	Equalisation Tank, Chemical dosing, Flash Mixer, Tube settler, MGF, ACF, R.O. System, SDB.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
72	G.B.Nagar	Vakeel Art Prints, B-105, Phase-Ii, Noida	Yarn/ Textile Processing (Printing Only)	3	2	Collection tank, Chemical dosing tank, Tube Settler, Dual Media Filter, ION Exchange System, Sludge Drying Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
73	G.B.Nagar	Vibracoustic Noida (P)Ltd. (Formerly Known As Trelleborg Automotive (India) Ltd.), B-190, Phase-II, Noida	Metal Surface Treatment	200	150	Equalisation cum Collection Tank, Reaction Tank, Tube settler, Supernatant Tank, Dual media filter, Filter Press, Storage Tank	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

74	G.B.Nagar	Whorra Enterprises, C-46, Sector-81, Noida	Metal Surface Treatment	5	3	Bar Screen, Oil & Grease Trap, Equalisation Tank, Chemical dosing, Reaction Tank, Dual media filter, Filter Press.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	
75	Bulandshahar	M/S Telecom Network Solution P. Ltd. A-10, Ind. Area, Sik. Distt. Bulandshahr	Metal Surface Treatment	35	30	Oil & Greas Trap, Equalisation Tank, Reaction Tank, Clarifire, Sludge Drawing Beds, Pressure Sent Filter.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—
76	Bulandshahar	M/S Trident Structure Pvt. Ltd. (Unit-II), C-7, 8, Ind. Area, Sikandrabad, Distt. Bulandshahr	Metal Surface Treatment	18	15	Oil & Greas Trap, Equalisation Tank, Reaction/Tube Settler, Activated Carbon Filter & Sludge Drawing Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—
77	Bulandshahar	M/S Vishal Pipes Ltd. C-23, Ind. Area, Sikandrabad, Distt. Bulandshahr	Steel & Tubes	30	25	Oil & Greas Trap, Equalisation Tank, Ariation Tank, Reaction/Settling Tank, Treated Store Tank, Softner (Media & carbon) & Filter Press.	No Gap	—

78	Bulandshahar	M/S Vishal Pipe Ltd. A-71, (Unit-II), Ind; Area, Sikandrabad, Distt. Bulandshahr	Steel & Tubes	48	44	Oil & Greas Trap, Equalisation Tank, Ariation Tank, Reaction/Settling Tank, Treated Store Tank, Softner (Media & carbon) & Filter Press.	No Gap	—
79	Bulandshahar	M/S Rohit Enterprises, F-19, Gopalpur, Ind. Area, Sikandrabad, Distt. Bulandshahar	Textile Dyeing	72.8	65	Equalisation Tank, Reaction/Settling Tank, Activated Carbon Filter, Send Filter & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
80	Bulandshahar	M/S Adarsh Hosery, A-3/104, 105, Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	46	40	Screen Chamber, Equalisation Tank, Flash Mixing Tank, Tuber Setter Tank, Ariation Tank, Mult grade filter & Sludge Drawing Beds etc.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

81	Bulandshahar	M/S Ismi Dyeing Mills, J-2, Ind. Area, Sikandrabad, Distt. Bulandshahar	Textile Dyeing	56	50	Equalisation Tank, Flash Mixture Tank, Dosing Tank, Flaculatin Tube, Activated Carbon Filter, Send Filter & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
82	Bulandshahar	M/S Sanat Products Ltd. B-8, Ind. Area, Sikandrabad, Distt. Bulandshahr	Herbal	17	15	Oil & Greas Trap, Collection Tank, Flash Mixing Tank, Primary Settling Tank, Ariation Tank, Secondary Settling Tank & Sludge Drawing Beds.	No Gap	—
83	Bulandshahar	M/S P.S. Agritech, Pvt. Ltd, C-78, Ind. Area, Sikandrabad, Distt. Buladnshahr	Agriculture Parts	3.5	2.5	Equalisation Tank, Flash Mixer Tube Settler Buffer Tank Activated carbon Filter & Sludge Drawing Beds.	No Gap	—
84	Bulandshahar	M/S British Paints (Berger Paint Div.) A-38, Industrial Area Sikandrabad Distt. Bulandshahr	Paint	2.7	2.8	Screen Chamber, Oil & Grease Trap, Equalisation Tank, Flash Mixture, Flaculater, Primary Clarifire,, Send Filter, Activated Carbon Filter & Sludge Drawing Beds.	No Gap	—

85	Bulandshahar	M/S A.S. Washing Enterprises, CO-03, Gopalpur, Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	24	20	Equalisation Tank, Reaction cum Tube Settling Tank, Activated Carbon Filter, Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
86	Bulandshahar	M/S Surya Processors Pvt.Ltd, Plot No-21, Ind. Area, Sikandrabad, Distt. Bulandshahar	Textile Dyeing	690	600	Screen Chamber, Equalisation Tank, Biological Treatment with SBR, SBR Outlet, Sand Bag Filter, Carobonisation Unit. RO System, Treated Water collection Tank,.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
87	Bulandshahar	M/S J.P. Prints, J-1, Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	46	40	Collection/Equalisation Tank, Reaction Tank/Areation Tank, Tube Settler, Activated Corbon Filter & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

88	Bulandshahar	M/S Shabnam Process House, F-16 Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	26.5	22	Screen Chamber, Equalisation Tank, Reaction Tank, Califire Tank, Tube Settler, Buffer Tank, Mult Grade filter & Activated carbon Filter & Filter Press/Sludge Drawing beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
89	Bulandshahar	M/S JMD Sourcing, F-20, Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	60	50	Screen Chamber, Equalisation Tank, Reaction Tank, Flaculation Tank, tube Settler, Buffer Tank, Mult Grade filter & Filter Press	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
90	Bulandshahar	Imlika Processing, Plo No-R-47, Upside, Ind. Area, Sikandrabad, Distt Bulandshahar.	Textile Dyeing	40.2	35	Equalisation Tank, Reaction Tank. Tueb Settler, Buffer Tank, Multigrade Filter, Activated Carbon Filter & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

91	Bulandshahar	M/S Aplo Metex, Plot No-22 Ind. Area, Sikandrabad, Distt. Bulandshahr	Metal Surface Treatment	248	215	Screen Chamber, Equalisation Tank., Flash Mixing Tank Flaculation Tank-, Tube Setter Oxidation Tank, Clarifi Water Tank, Multigrade Filter, and Activated carbon Filter & Filter Press.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—
92	Bulandshahar	M/S Geetanjali Enterprises, F-23, Ind. Area, Sik. Distt. Bulandshahr	Textile Dyeing	30	26.2	Collection Tank, Reaction Tank, Settling Tank, Treated Water Tank, Multi Grade Filter, Activated Carbon Filter & Suldge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
93	Bulandshahar	M/S Satyam Shakuntalam Engineering P. Ltd. R-65, Ind. Area, Sikandrabad, Distt. Bulandshahar	Textile Dyeing	95	80	Collection Chamber, Oil & Greas Trap, Flash Mixture cum Reaction Tank Chamber, Tube Settler, Settling Media Filter press, MGF & ACF.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

94	Bulandshahar	M/S Saubhagya Processors Pvt. Ltd. C-23/1/1/-14, Ind. Area, Sikandrabad, Distt. Bulandshahar	Textile Dyeing	115	100	Screen Chamber, Equalisation Tank, Flash Mixer, Reaction/Tube Setter Tank, Collection Tank, Mult grade filter & Sludge Drawing Beds etc.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
95	Bulandshahar	M/S Shades Dyeing & Finishing Mills, HC-27, Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	280	250	Screen Chamber, Equalisation Tank, Flash Mixer, Tube Setter Tank, Collection Tank, GFCC & Filter Press.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
96	Bulandshahar	M/S Shanti Dyeing & Finishing Mills, (Unit-2) B-10, Ind. Area, Sik. Distt. Bulandshahr	Textile Dyeing	127	110	Oil & Grease Trap, Equalisation Tank, Chemical Dosing Tank, Tube Setter, Flaculation Tank, Duel Media Filter & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

97	Bulandshahar	M/S Sunrise Textiles, D-5, Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	60	54	Equalisation Tank, Flash Mixture, Tube Settler, Flaculatter, MGF, GFCC & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
98	Bulandshahar	M/S Sunrise Dyeing Mills, E 40, 41, Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	64	55	Screen Chamber, Equilization Tank, Reaction/Flash Mixture Tank, Tube Setter, Buffer Tank & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
99	Bulandshahar	M/S Swaraj Components P. Ltd, A-39, Ind. Area, Sikandrabad, Distt. Buladnshahr	Textile Dyeing	115	100	Equalisation Tank, Chemical Dosing Tank, Areation Tank, Settling Tank & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

100	Bulandshahar	M/S Syndicate Knit Kraft, D-25, Ind. Area, Sikandrabad, Distt. Bulandshahar	Textile Dyeing	66	60	Screen Chamber, Equalisation Tank, Reaction Tank, tube Settler, Buffer Tank, Mult Grade filter & Activated carbon Filter & Sludge Drawing beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
101	Bulandshahar	M/S R.S. Infra Projects Pvt. Ltd. A-53/2, Ind. Area, Sikandrabad, Distt. Bulandshahr	Metal Surface Treatment	28	25	Screen Chamber, Equilization Tank, Aeration Tank, Settling Tank, Activated Carbon Filter & Sludge Drawing Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—
102	Bulandshahar	M/S Goodluck Steels Tubes Ltd. Works-2, (Formerly M/S Masterji Metalloys P. Ltd.) D-2, D-3 & D-4, Ind. Area, Sik. Distt. Bulandshahr	Metal Surface Treatment	69	60	Collection Mixing Tank, Flaculation Tank, Tube Settler, Three Satage Oxidation, Secondary Flax Mixture, Secondary Tube Settler, Pump sump, Activated carbon Filter Duel Media Filter, Collection Tank to RO system, Filter Press, Collectin Tank sent to RO System.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—

103	Bulandshahar	M/S Goodluck Steels Tubes Ltd. A-42, 45, Ind. Area, Sik. Distt. Bulandshahr	Metal Surface Treatment	58	25	Collection Mixing Tank, Flaculation Tank, Tube Settler, Secondary Flax Mixture, Secondary Tube Settler, Pump scump, Activated carbon Filter Duel Media Filter, Collection Tank to RO system, Filter Press, Collectin Tank sent to RO System.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—
104	Bulandshahar	M/S Goodluck Industries, (Unit-2), A-59, Ind. Area, Sik. Distt. Bulandshahr	Metal Surface Treatment	69	60	Oil & Grease Trap, Equalisation Tank, Flaculation Tank, Lime Dosing Tank, Polyelectrolight, Dosing Tank, Lime solution Prepration Tank, Tube Setter-I, Duel Media Filter, GravityThikner Cum Clarifire, Fiter Press.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—
105	Bulandshahar	M/S Goodluck Industries, A-51, Ind. Area, Sik. Distt. Bulandshahr	Metal Surface Treatment	90	80	Oil & Grease Trap, Equalisation Tank, Flash Mixture, Flaculation Tank, Tube Settler & Filter Press.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—

106	Bulandshahar	M/S Hitech Pipes Ltd. Plot No. 10, Ind. Area, Sik. Distt. Bulandshahr	Metal Surface Treatment	134	115	Oil & Grease Trap, Equalization Tank, Flaculation Tank, Tube Setter, Flash Tank, Treated Storage Tank, Filter Press Etc.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—
107	Bulandshahar	M/S Indian Potash Ltd., (Dairy Division) Ind. Area, Sikandrabad, Distt. Buladnshahr	Dairy	690	600	Screen Chamber, Equalisation Tank, Oil & Grease Trap, Buffer Tank, UASB Reactor, Areation Tank, Secondary Clarifire, Carbon Filter & Sludge Drawing Beds etc.	No Gap	—
108	Bulandshahar	M/S Laxmi Traders, C-9, Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	30	25	Bar Screen, Equalisation Tank, Flash Mixture, Flaculation Tube Setter, Activated Carbon Filter, Send Filter & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

109	Bulandshahar	M/S Blueduck Textiles Pvt. Ltd. A-3/1, Ind. Area, Sik. Distt. Bulandshahr	Textile Dyeing	40	35	Screen Chamber, Equalisation Tank, Flash Mixer, Tube Settler, Flaculation Tank, Multigrade Filter, Press & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
110	Bulandshahar	M/S Brocin Textiles Pvt. Ltd. HE-33, 34 Ind. Area, Sik. Distt. Bulandshahr	Textile Dyeing	22.5	17.5	Collection Tank/Equalisation Tank, Dosing Tank, Settling Tank, Activated Carbon filter, Send Filter.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
111	Bulandshahar	M/S Cellcom Tele Services P. Ltd. A-52, Ind. Area, Sik. Distt. Bulandshahr	Metal Surface Treatment	12	10	Collection Tank, Multigrade Filter, Activated Carbon Filter, Ultraviolet Treatment. Final Outlet & Sludge Drawing Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—

112	Bulandshahar	M/S Chandok Textiles Export, P. Ltd. C-81, Ind. Area, Sikandrabad, Distt. Bulandshahr	Textile Dyeing	300	260	Oil & Greas Trap, Equalisation Tank, Reaction Tank, Tube Settler, Areation Tank, Secondary Clarifire, Activated Carbon Filter, Duel Media Filter, Filter Press & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
113	Bulandshahar	M/S APL Apollo Tubes Ltd. A-19 & 20, Ind. Area, Sik. Distt. Bulandshahr	Metal Surface Treatment	112	100	Oil & greas Trap, Equalisation Tank, Flash Mixture, Flaculation Tank, Tube Settler, Flash Tank, Filter Press & Sludge Drawing Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—
114	Bulandshahar	M/S Batra & Batra P. Ltd. A-81, Ind. Area, Sik. Distt. Bulandshahr	Red Oxide	44	40	Holding/Settling Tank, Filter Press, Settling Tank, Lime Dosing Tank, Settling Tank, Sludge Drawing Beds.	No Gap	—
115	Bulandshahar	M/S Apollo Meatlex P. Ltd. A-25 (Old Name PL Apollo Tubes Ltd.) Ind. Area, Sik. Distt. Bulandshahr	Metal Surface Treatment	93.5	85	Oil &Greas Trap, Oil Sceamme, Equalisation Tank, Flash Mixing Tank, Combined Stream, Tube Settler Tank, Pressure Send Filter, Filter Press & Sludge Storage Tank.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	—

116	Bulandshahar	M/S Bharat Prints, C-59, Ind. Area, Sikandrabad, Distt. Bulandshahar.	Textile Dyeing	230	200	Equalisation, Reaction/Aeration Tank, Tube Settler, Activated Carbon Filter, Multi Grade filter & Sludge Drawing Beds.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
117	Bulandshahar	M/S Amtul Product P. Ltd. D-32, Ind. Area, Sik. Distt. Bulandshahr	Textile Dyeing	27	25	Screen Chamber, Equalisation Tank, Settling Tank & Sludge Drawing Beds	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
118	Bulandshahar	M/S Agrotech Foods Ltd. Mundakhera Road, Khurja, Distt. Bulandshahr	Frozen Unit	1.8	8	Oil & Grease Trap, Equalisation Tank, Flash Mixture Tank, Primary Settling Tank, Secondary Tank, Aeration Tank, Secondary & Sludge Drawing Beds.	No Gap	—

119	Bulandshahar	M/S Al-Huda Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Bulandshahr	Frozen Unit	58	50	Screen Chamber, Oil & Grease Trap, Equalisation Tank, Flash Mixing Tank, Aeration Tank-I, Primary Clarifier, Aeration Tank-II, Secondary Clarifier, Scum Tank, Sand Filter, Activated Carbon Filter & Sludge Drawing Beds.	No Gap	—
120	Bulandshahar	M/S Al-Arfa Frozen Foods Ltd. Mundakhera Road, Khurja, Distt. Bulandshahr	Frozen Unit	11.5	10	Oil & Grease Trap, Equalisation Tank, Flash Tank, Primary Settling Tank, Aeration Tank, Secondary Clarifier & Sludge Drawing Beds.	No Gap	—
121	Bulandshahar	M/S Al-Hamd Frozen Foods Mundakhera Road, Khurja, Distt. Bulandshahr	Frozen Unit	172.5	150	Industry industrial discharge into sister Unit. M/S Al-Hamd Frozen Foods (Slaughter House) Mundakhera Road, Khurja, Distt. Bulandshahr	No Gap	—

122	Bulandshahar	M/S Al-Hamd Frozen Foods (Slaughtering Unit) Mundakhera Road, Khurja, Distt. Bulandshahr	Slaughter Unit	172.5	150	Oil & Grease Trap, Rotary Screen-02 Nos. Equalisation Tank, FMT, Primary Clarifire, Ariation Tank-I, Secondary Clarifire, Ariation Tank-II, Treated Water Sump, Multi Grade Filter, Activated carbon Filter & Sludge Drawing Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.
123	Bulandshahar	M/S Al-Nazam Frozen Foods Mundakhera Road, Khurja, Distt. Bulandshahr	Frozen Unit	22	20	Oil & Greas Trap, Equalisation Tank, Reaction Tank, Settling Tank, Ariation Tank, Secondary Settling Tank & Sludge Drawing Beds.	No Gap	—
124	Bulandshahar	M/S Al-Shifa Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	Frozen Unit	33	30	Equlization Tank, Ariation Tank, Secondary Settling Tank & Sludge Drawing Beds.	No Gap	—

125	Bulandshahar	M/S Al-Takabir Frozen Foods Ltd. Mundakhera Road, Khurja, Distt. Bulandshahr	Frozen Unit	22.5	25	Oil & Grease Trap, Equalization Tank, Reaction Tank, Settling Tank, Ariation Tank, Secondary, Settling Tank & Sludge Drawing Beds.	No Gap	—
126	Bulandshahar	M/S Al-Tasin Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	Frozen Unit	22	20	Oil & Greas Trap, Equalisation Tank, Reaction Tank, Settling Tank, Ariation Tank, Secondary Settling Tank & Sludge Drawing Beds.	No Gap	—
127	Bulandshahar	M/S Barkat Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	Frozen Unit	44.5	45	Oil & Greas Trap, Equalisation Tank, Reaction Tank, Settling Tank, Ariation Tank, Secondary Settling Tank & Sludge Drawing Beds.	No Gap	—
128	Bulandshahar	M/S Bharat Immunological Co. Ltd. Vill. Chola, Distt. Buladnshahr	Vaccine	22	20	Collection Tank, Equalisation Tank, Chemical Dosing Tank, Nutralisation Tank,	No Gap	—
129	Bulandshahar	M/S Creamy Foods Ltd. G.T. Road, Khurja, Distt. Bulandshahr	Dairy	1540	1400	Screen Chamber, Collection Sump-02 Nos. Fat removal-02 Nos. Equaliasation Tank, UAS-I & II, Areation Tank-I & II, Clarifire, Treated Water Tank, Activated carbon Fitler & Sludge Drawing Beds.	No Gap	—

130	Bulandshahar	M/S Laham Export India P. Ltd. (Slaughtering Unit), Mundakhera Road, Khurja, Distt. Bulandshahr	Slaughter Unit	345	300	Oil & Grease Trap, Equalisation Tank, Flash Mixture Tank, Flacutter, Primary Settling Tank, Sump, UASB Reactior, Ariation Tank-I, Clarifire-I, Ariation-II, Clarifire-II & Sludge Drawing Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	The existing gap with reference to discharge of effluent, effluent treatment infrastructur e, solid waste managemen t as per the norms laid down in CPCB document.
131	Bulandshahar	M/S Madina Frozen Foods Mundakhera Road, Khurja, Distt. Bulandshahr	Frozen Unit	172.5	150	Industry industrial discharge into sister Unit. M/S Madina Frozen Foods (Slaughter House) Mundakhera Road, Khurja, Distt. Bulandshahr	No Gap	—

132	Bulandshahar	M/S Madina Frozen Foods (Slaughtering Unit), Mundakhara Road, Khurja, Distt. Bulandshahr	Slaughter Unit	172.5	150	Blood/ Water Holding Tank, Fat removal tank, Flash Mixture, Flaculation Tank, Primary Settling Tank, UASB Reactor, AriationTank-I, Intermediate Settling Chamber, Areation Tank-II, Secendory Clearifaire & & Sludge Drawing Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.
133	Bulandshahar	M/S Niryas Foods Products Pvt. Ltd. Vill. Khalsiya, Tahsil Khurja, Distt. Bulandshahr	Dairy	165	150	Screen Chamber, Oil & Grease Trap, Equalisation Tank, Flash Tank Mixture Cum Reaction Chamber, Primary Settling Tank, Activated Carbon Filter & Sludge Drawing Beds.	No Gap	—
134	Bulandshahar	M/S Param Dairy Ltd., G.T. Road, Khurja, Distt. Bulandshahr	Dairy	660	600	Oil & Grease Trap, Equalisation Tank, Flash MixtureTank, Primary Settling Tank, Secondary Tank & Sludge Drawing Beds.	No Gap	—

135	Bulandshahar	M/S Sahiba Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	Frozen Unit	32.2	28	Oil & Grease Trap, Equalisation Tank, Flash Mixture Tank, Primary Settling Tank, Secondary Tank, Ariation Tank, and Activated carbon Filter & Sludge Drawing Beds.	No Gap	—
136	Bulandshahar	M/S Tasmia Frozen Foods P. Ltd. Mundakhera Road, Khurja, Distt. Buladnshahr	Meat Processing Unit	5.25	35	Oil & Greas Trap, Rotary Screen-I, Rotary Screen-II, Equalisation Tank, Dosing Tank, Flash Miture, UASB-I & II, Primary Clarifire, Ariation Tank-I & II, Secondary Clarifire-II, Send Filter, Activated Carbon Filter.	No Gap	—
137	Aligarh	Al-Anam Agro Foods Pvt. Ltd. (Meat Processing Unit), Vill.- Talaspur Khurd, Delhi-Mathura Bypass Road, Aligarh.	Meat Processing	80	60	Equalization Tank/Holding Tank, Primary Clarifier, Aeration Tank-I, Secondary Clarifier-I, Aeration Tank-II, Secondary Claifier-II Treated Storage Tank, Sand Filter, Carbon Filter, Secondary Clarifie-III, Online Monitoring System,	No Gap	-

138	Aligarh	Al-Dua Food Processing Pvt.Ltd. Amarpur, Kodla, Teshil-Koil, Mathura Bypass Road, Aligarh	Slaughter House	1300	1200	Rotary Drum Screen-2no, Equalization Tank- 02No, Primary Clarifier-01 no, Aeration Tank-I, Secondary Clarifier-I, Aeration Tank-II, Secondary Clraifier-II Treated Storage Tank, Sand Filter, Carbon Filter, Sludge Filter Press, Secondary Clarifie-III, Online Monitoring System, Volute Machine, Blood Cogulation Plant	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.
139	Aligarh	Al-Hamd Agro Foods Products Pvt. Ltd. (Meat Processing Unit), Vill.-Udla Iliyaspur, Aligarh.	Meat Processing	60	50	Indsutry Self Closed	No Gap	Indsutry Self Closed

140	Aligarh	Al-Hamd Agro Foods Products Pvt. Ltd. Udala-Liyaspur, Sarsol, G.T. Road, Aligarh.	Slaughter House	600	500	Collection Sump, Settling Tank, D.A.F., Buffer Tank, S.V.R., Aeration Tank-I, Clarifier-I, Aeration-II, Clarifier-II, Multi Gravel Filter, Pressor Sand, Filter, Activated Carbon Filter, Volume For Sludge Draining Machine, Online Monitoring System, Blood Coagulation Plant	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.
141	Aligarh	Al-Hasan Agro Foods Pvt.Ltd Amarpur, Kodla, Teshil-Koal, Mathura Bypass Road, Aligarh	Slaughter House	600	500	Equalization Tank, Aeration tank-I, (Diffused Aeration System) Clarifier-I, Aeration tank-II, Clarifier-II, Clear Water Tank, Sludge Filter Press, Online Monitoring System, Blood Coagulation Plant	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.

142	Aligarh	Al-Tabarak Frozen Foods (P) Ltd. (Meat Processing Unit), Mathura Bypass Road, Village Mullapara Bhujpura Aligarh.	Meat Processing	12	10	Baar Screen, Fat Traps, Equalization tank, U.A.S.B. Aeration tank, Tube Setler, Secondary Clarifier, Sludge Draing beds, Filter Press,	No Gap	Self Closed since 6 Months
143	Aligarh	Al-Tabarak Frozen Foods Pvt.Ltd (Slaughter House) Mullapara, Mathura Bye Pass Road, Teshil Kol, Aligarh	Slaughter House	350	300	Baar Screen, Fat Traps, Equalization tank, U.A.S.B. Aeration tank, Tube Setler, Secondary Clarifier, Sludge Draing beds, Filter Press, Online Monitoring System, Blood Cogulation Plant	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	Presently Closed. The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.
144	Aligarh	Ambika Metal Works, B-20, Industrial Estate, Aligarh	Building Hardware	4	3	Equalization tank, Chemical Dosing, Reaction Cum Setling Tank, Treated Water Tank, Sludge Draing beds	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	-

145	Aligarh	Bholey Baba Dairy Industry Ltd., Khair Road, Aligarh.	Milk Processing	800	655	Bar Screen, Vortex Chamber, Oil & Grease Trap, Equalization tank, Chemical Dosing Tank, Buffer Tank, U.A.S.B.R. Reactors, Aeration Tank I & II, Clarifier, Pressor Sand Filter, Activated Carbon Filter, Bio gas Holder, S.D.B., Online Monitoring System	No Gap	-
146	Aligarh	Chandak Brothers, B-7, Industrial Estate, Aligarh	Building Hardware	3	2	Equalization tank, Reaction Cum Settling Tank, pH Samayogan Tank, Sludge Drying beds	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Industry Closed Since 02 Year
147	Aligarh	Frigerio Conserva Allana Ltd., Talaspur Khurd, Aligarh	Meat Processing	460	435	Bar Screen, Oil & Grease trap, Equalization tank, Flash Mixing Tank, Primary Clarifier-, High Stage aeration tank, Secondary Clarifier low Stage Aeration Secondary Clarifier, Collection tank, ACF, DMF, Fish tank, Online Monitoring System	No Gap	-

148	Aligarh	Frigerio Conserva Allana Ltd., (Slaughter House) Talaspur Khurd, Aligarh	Slaughter House	1340	1200	Bar Screen, Oil & Grese trap, Equalization tank, Flash Mixing Tank, Primary Clarifier-, High Stage aeration tank, Secondary Clarifier law Stage Aeration Secondary Clarifier, Collection tank, ACF, DMF, Fish tank, Online Monitoring System, Blood Cogulation Plant	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.
149	Aligarh	H.M.A. Agro Industries Ltd., Talaspur Khurd, Aliearh	Slaughter House	600	500	Bar Screen, Oil & Grese Trap, Reciveing Tank, Eq. tank, U.A.S.B. Aeration-I +II, Clarifier- I & II, Clear Water Tank, S.D.B. O.M.S. , Blood Cogulation Plant	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	Presently Closed. The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB

								document.
150	Aligarh	Kokotoke India Pvt. Ltd., Vill.-Chamraula, Mathura Bypass Road, Aligarh	Meat Processing	7	5	Bar Screen, Oil & Grese Tank, Eq. tank, Reaction Cum Tube Setler, Buffer Tank, Dual Media Filter, S.D.B.	No Gap	Self Closed Since 3 Months
151	Aligarh	Al-Ammar Frozan Foods Export Pvt Ltd, Amarpur Kondla, Tehsil-Koil, Aligarh	Slaughter House	600	500	Screen Chamber, Oil & Grese Trap, Collection Sump, Drug Machine System, Equalization Tank, Daff System, Buffer Tank, U.A.S.B., Aeration-I, Aration-II, Secondary Clarifier Filter, Feed Tank, P.S.M. , A.C.M. Treated Water Tank, S.D.B. Online Monitoring System, Blood Cogulation Plant	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.

152	Aligarh	Al-Halal International Pvt Ltd, Amarpur Kondla, Tehsil-Koil, Aligarh	Slaughter House	240	200	Bar Screen Chamber, Oil & Grease Trap, Eq. Tank, Flash Mixing & Flopulator, DAF Unit, Primary Setling Tank, U.A.S.B. Reactor, Aeration Tank-I & II, Clarifier-I & II, Activated Carbon Filter, Disinfection Tank, S.D.B. O.M.S, Blood Cogulation Plant	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	Presently Closed. The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.
153	Aligarh	Perfect Products, C-18. Industrial Estate, Aligarh	Building Hardware	2	1.5	Equilization Tank/Collection tank, Chemical Dosing, Mixing Cum Setling tank, Buffer Tank, S.D.B. Tank	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	

154	Aligarh	Samprash Foods Pvt. Ltd., 11th Km. Stone, Aligarh-Delhi Road, Village-Pachpeda, Aligarh	Milk Processing	300	250	Sreen With Oil & Grease Trap, Eq. Tank Cum Collection Tank, Anaerobic Reactor, Aeration Tank, Clarifier, Sludge Sump, Filter Press, Sludge Bed, Clear Water tank	No Gap	Industry Closed Since One Year, Presently take Over The Premises of Industry By Union Bank Of India. W.e.f. 22.02.2019
155	Aligarh	Aura Industries, Mehrawal, G.T. Road, Aligarh,	Building Hardwate	10	8	Equalization Tank, Autometric Chemical Doging Reaction Cum Setling Tank Buffer Tank, Common M.G.F, A.C.F. & Sludge Draing beds,	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	-
156	Aligarh	Rajeev Metal Industries, A-74, Sector-2, Industrial Area, Talanagri, Aligarh	Building Hardware	6.5	5	Equlization Tank/Collection tank, Chemical Doging, Mixing Cum Setling tank, Buffer Tank, S.D.B. Tank	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	-

157	Aligarh	Ray-Internation, A-8, Sector-1, Industrial Area, Talanagri, Aligarh	Building Hardware	12	10	Oil Grees Tank, Clarifier Tank, Reaction Tank, Setling Tank, Cliear water tank, Dual Media Filter, Sludge Draing beds, Online Monitoring System	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	-
158	Aligarh	Sigma Engineering Works, 7th Km Stone, Anoopshahar Road, Aligarh	Building Hardware	8	6	Equilization Tank, Chemical Dosing, Mixing Cus Setling tank, Buffer Tank, S.D.B. Tank	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	-
159	Aligarh	Heinz India Pvt Ltd, Manzurgarhi, Anoopshahar Road, Aligarh	Milk Processing	900	645	Collection Samp, Oil & Grees Trap, Equalization Tank, Chemical Dosing tank, Primary Clarifier, Aeration Tank, Secondary Clarifier, Treated Water Collection Tank, Pressor Sand Fileter, Sludge Draing beds, Online Monitoring System	No Gap	-

160	Aligarh	Hind Agro Industries Ltd, Cdf Complex, Anoopshahar Road, Aligarh	Slaughter House	1650	1500	Sump Tank, Saporator, Equalization Tank, Aeration Tank-I, Clarifier-I, Aeration Tank-II, Dosing Tank, Secondary Clarifier, Media tank, Holding Tank, Sludge Draing beds, V Noch, Online Monitoring System, Blood Cogulation Plant	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	The existing gap with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document.
161	Aligarh	Kisan Sahkari Chini Mill, Satha, Aligarh	Sugar Mill	600	400	Oil Grees Trap Oil Sceemar, Equalization tank, Tube Setling Aeration tank, Secondary Clarifier Multigrad Filter, Activated carbon Filter, Online Effluent Monitoring System, Flow Meter, Storage lagun, Sludge Draing beds	1. Unit has to provide Irrigation plan to be submitted & implemented. 2. The unit shall commission mechanical sludge handling system of adequate capacity.	Industry Closed W.E.F. 17.04.2019 Due to Off Season

162	Aligarh	Zuberi Fibers Pvt Ltd, CDF Comolex, D-1, UPSIDC, Aligarh	Paper Mill	2200	0	Collection Tank, Equalization Tank, , Primary Clarifer, Secondary Clarifier Dual Media Filter, Online Monitoring System	Arriation Tank is under Construction	Industry 100% Recycle the Effluent Through Bar Screen & Eq. & Primary Clarifier. Zero Discharge Form Out Side the Factory.
163	Hathras	Krishna Carpet, B-3, 4, 5, Industrial Estate, District-Hathras.	Textile	135	120	Collection tank, Equalization Tank, Chemical Dosing, Aeration tank, Secondary Clrifier, Sludge Draing beds, Online Monitoring System	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
164	Hathras	Kundanlal Industries, B-17, 18, Industrial Estate, Hathras	Dyes & Color	2	0	Sprye Dryer System exist for Zero Effluent but ETP are under installation for effective effluent treatment	No Gap	-

165	Hathras	Mahan Milk Food Pvt. Ltd. Industrial Area Salempur, Hathras	Milk Processing	360	300	Collection Tank, Inlet Chamber, Screen Chamber, Equalization tank, Primary Clarifier, Buffer Tank, Inrobik Disester, Aeration Tank, Secondary Clarifier & Sludge Draing beds, Online Monitoring System	No Gap	Presently Industry Closed due to Self Closed
166	Hathras	Om International, D-1, Industrial Estate, District-Hathras	Textile	25	20	Screen, Grid Chamber Storage/Equiazation tank, Chemical Dosing/Aeration Tank, Primary, Setling tank, Aeration tank, Secondary Setling Tank, S.D.B.,	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
167	Hathras	S.N. Dairy Food Products Pvt. Ltd. Sasni, Hathras	Milk Processing	240	200	Oil Grees Trap, Eaulization Tank, Flash Mixing Tank, Primary Clarifier, Aeration Tank, Clarifier-II, Sand Filter, Carbon Filter, Sludge Thiknar Filter Press Online Monitoring System	No Gap	Discharge to Onland

168	Hathras	S.N. Milk Products Pvt. Ltd. Sasni, Hathras	Milk Processing	180	160	Oil Grees Trap, Eaulization Tank, Doking tank, Clarifier-I, Aeration-I, Aeration-II, Clarifier-II sand Filter, Carbon Filter, Sludge Drying beds, Online Monitoring System	No Gap	Discharge to Onland
169	Hathras	Taxfab Industries, A-16, Industrial Estate, District-Hathras	Textile	11.5	10	Collection tank, Chemical Dosing, Primary Setling tank, Tube Satler, Sand Filter, Carbon Filter, Sludge Draing beds, Online Monitoring System	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
170	Hathras	Bharat Industries, 2-A, Industrial Estate, Hathras	Dyes & Dye	2	0	Sprye Dryer System exist for Zero Effluent but ETP are under installation for effective effluent treatment		-
171	Hathras	Bansal Overseas, Village-Dayanatpur, Aligarh Road, Hathras	Textile	17	15	Screen Chamber, Equalization Tank, Chemical Dosing, Flash Mixing Tank, Tube Setler Filter Feed Tank, Multigrad Activated Carbon Filter, Sludge Drying beds,	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile

								industry.
172	Hathras	Alfa Milk Food Pvt. Ltd. A-1 To 7 UPSIDC Industrial Area, Salempur- Hathras	Milk Processing	480	400	Screen bar, Oil & Greases Trap, D.A.F., Equalization tank, U.A.S.B. I,II,III, Aeration Tank-I, Clarifier-I, Aeration Tank-II, Clarifier-II, Treated Water Tank, A.C.F./P.C.F. and Sludge Drying Beds, Online Monitoring System Installed	No Gap	-
173	Hathras	Diamond Overseas, Nai Ka Nagla, Hathras.	Textile	22	20	ETP Disposal	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
174	Mathura	Ginni Filaments Ltd. Unit-2, NH-2, Chhata, Mathura	Textile	780	585	ET, RT, PC, TS, SF, ACF & SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

175	Mathura	Shamken cotsyn Ltd, B-15, C-18 industrial area, Kosi Kalan, Mathura	Textile	120	100	ET, CDT, ST, AT, SST & SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
176	Mathura	Swarn Tex Prints pvt. Ltd. D-25/26, UPSIDC, Kotwan ind area, Kosi kalan, Mathura	Textile	850	700	O & G, ET, AT, CDT, TS, ACF, SST & SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
177	Mathura	Vinayak Fibres ltd. A- 6, C-6, Kotwan Kosi Kalan, Mathura	Textile	120	80	O & G, ET, FT, PST, AT, TS, DMF	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
178	Mathura	Bhole Baba Milk Food Ind Ltd Dautana, Chhata, Mathura	Dairy	350	300	O & G, ET, PC, AT, SC & SDB	No Gap	

179	Mathura	Calpro (Mahan Protein ltd). Barhana, Nand Gaon Road, Kosi, Mathura	Dairy	-	0	O&G Trap, ET, PST, AT, SST, SDB	No Gap	
180	Mathura	Sil Auto Fab Unit-2, Old Name-Shamken International Ltd, industrial area, Kotwan, Kosi Kalan, Mathura	Yarn/ Textile Processing	110	93	ET, FT, TS, DMF, CRU & SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
181	Mathura	Varun Beverages Ltd Dautana, Chhata, Mathura	Veg & Food processing	1600	1200	ET, DIGESTER, AT, SC, FINAL CLERIFIRE, SDB, ACF	No Gap	
182	Mathura	Brindavan Agro Ind. Ltd. Shergarh Road, Chhata Mathura	Veg & Food processing	1950	1000	O&G, ET, AT, PC, SC, RO, SDB	No Gap	
183	Mathura	Jain Cord Pvt. Ltd., Dautana, Chhata, Mathura	Textile	3250	2700	O&G, ET, CDT, Flash Mixture, Clarifire, AT, DMF, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

184	Mathura	ANURADHA TEXTILES,. GANESHRA ROAD MTR	Yarn/Textile Processing	180	150	ET, RT, clarifire, Supernatant sump, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
185	Mathura	BRIJ SAREE UDYOG, SHIVAJI NAGAR, MTR	Yarn/Textile Processing	165	140	ET, RT, TS, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
186	Mathura	Radha Textiles, Goverdhan road, Mathura	yarn/ Textile Processing	150	130	ET, RT, TS, SDB, Multi Media Filter	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

187	Mathura	Budhsen Vasudev, Shivaji Nagar, Mtr	Yarn/Textile Processing	45	35	ET, RT, TS, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
188	Mathura	Dayal Prints , Shivaji Nagar, Mtr	Yarn/Textile Processing	40	35	ET, RT, TS, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
189	Mathura	Dileep Saree Centre, Shivaji Nagar, Mtr	Yarn/Textile Processing	130	110	ET, RT, PC, SMF, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

190	Mathura	Ganesh Textels, Sarswati Kund, Mtr	Yarn/Textile Processing	140	120	ET, Flash Mixture cum focculator tank, TS, Lamella Clarifier, SDB, RSF, ACF.	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
191	Mathura	Hanuman Textiles, Saraswati Kund, Mtr	Yarn/Textile Processing	40	30	Combind ETP for Ganesh Textiles & Hanuman Textiles	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
192	Mathura	Har Prasad Saree Ajampur Sarswati Kund, Mtr	Yarn/Textile Processing	12	10	ET, RT, ST, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

193	Mathura	Manoj Textiles, Sarswati Kund, Mtr	Yarn/Textile Processing	175	150	ET, RT, TS SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
194	Mathura	Mahesh Prints, Sarswati Kund, Mtr	Yarn/Textile Processing	190	160	ET, RT, TS ,SDB, ACF	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
195	Mathura	Mahesh Saree House, Sarswati Kund, Mtr	Yarn/Textile Processing	180	150	ET, RT, Flash Mixture cum focculator tank, Clarifier, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

196	Mathura	Mohan Lal Master Saree, Sarswati Kund, Mtr (Presently Gs Textile)	Yarn/Textile Processing	12	10	ET, RT, TS SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
197	Mathura	Taj Prints (Mustak Print), Shivaji Nagar, Mtr	Yarn/Textile Processing	165	140	ET, RT, TS, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
198	Mathura	Naina Enterprises(Rekha Saree), Jaisinghpura Banger, Mtr	Yarn/Textile Processing	145	120	ET, RT, Clarifire, ACF, SF, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

199	Mathura	Om Saree Centre, Sarsawati Kund, Mtr	Yarn/Textile Processing	225	190	ET, RT, TS, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
200	Mathura	Ramji Prints, Saraswati Kund, Mtr	Yarn/Textile Processing	150	128	ET, RT, TS, SDB, ACF	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
201	Mathura	Shri Brijraj Cloth Printing Co., Shivaji Nagar, Mtr	Yarn/Textile Processing	275	250	ET, RT, ST, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

202	Mathura	Sureka Prints , Devipura, Nh-2, Mtr	Yarn/Textile Processing	210	180	O & G, ET, RT, TS, SDB, ACF	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
203	Mathura	Shree ji textile(UMESH SAREE CENTRE), SHIVAJI NAGAR, MTR	Yarn/Textile Processing	180	150	ET, RT, TS, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
204	Mathura	UPMA SAREE CENTRE, SHIVAJI NAGAR, MTR	Yarn/Textile Processing	130	110	ET, RT, TS, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

205	Mathura	RAMRASIYA TEXTILES, DEVIPURA, MATHURA	Yarn/Textile Processing	175	150	ET, RT, TS, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
206	Mathura	Yash Textile, Jaisingh pura bangar, Mathura	Yarn/Textile Processing	175	150	ET, RT, TS, SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
207	Mathura	SANJAY TEXTILES (ANCHAL SAREE), DEVIPURA, BYE-PASS, MATHURA	Yarn/Textile Processing	165	140	ET, CHEMICAL DOSING, PRIMARY TUBE SETTING, AT, SECONDARY TUBE SETTING, MGF, ACF,SDB	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

208	Mathura	Aqua Plumbing pvt. Ltd. Gaurkendra, Bye Pas,s Mathura	Electroplating	25	0	ETP & RO PLANT	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
209	Mathura	THE PANJAB M.F.WORKS, 1,2,KRISHNA NAGAR, MTR	Metal Surface Treatment	6	5	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
210	Mathura	CARTOON SANITAION, NH-2, GAUR KENDRA, MTR	Metal Surface Treatment	3	2.8	ET CUM RT CHEMICAL DOSING TUBE SETTING TUBE, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
211	Mathura	CUSPY METALICS, NH-2, GAUR KENDRA, MTR	Metal Surface Treatment	4	3	ET,RT, ST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
212	Mathura	ESS KAY METALIC INDUSTRIES, SAUNK ROAD, KRISHNA NAGAR, MTR	Metal Surface Treatment	1.5	1	ET, O & G, RT, ST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating

213	Mathura	GENERAL PLUMBING, TRIVENI COMPLEX, MTR	Metal Surface Treatment	3	2	ET, RT, ST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
214	Mathura	K.G.METAL PROD.(KAYSON METAL), KRISHNA NAGAR, MTR	Metal Surface Treatment	2.5	2	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
215	Mathura	KUMAR METALS, SAONKH ROAD KRISHNA NAGAR, MTR	Metal Surface Treatment	2.5	2	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
216	Mathura	MAYUR INDUSTRIES, NH-2, GAUR KENDRA, MTR	Metal Surface Treatment	1	0.6	ET, RT, ST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
217	Mathura	METALMAN INDIA, KRISHNA NAGAR, MTR	Metal Surface Treatment	1.2	1	ET, RT, ST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating

218	Mathura	CHANCAL ELECTR. (PREM SINGH ELE.), SAUNKH ROAD, MTR	Metal Surface Treatment	2	1.5	ET, RT, ST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
219	Mathura	RADHIKA SANITATION, E-86, IND. AREA, SITE A, MTR	Metal Surface Treatment	5	4	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
220	Mathura	RAMA METAL, SAUNK ROAD KRISHNA NAGAR, MTR	Metal Surface Treatment	0.6	0.5	ET, RT, ST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
221	Mathura	RADIKA PLUMBINGS (EVEREST METAL), E-50, IND. AREA, SITE A, MTR	Metal Surface Treatment	0.7	1.5	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
222	Mathura	ROYAL SANITATION PVT, GAUR KENDRA, MTR	Metal Surface Treatment	3.5	3	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating

223	Mathura	SHRI KRISHNA PLUMBING, TRIVENI COMPLEX, MTR	Metal Surface Treatment	1	0	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
224	Mathura	TIRUPAPI INDUSTRIES (JAI DURGA), GAUR KENDRA, MTR	Metal Surface Treatment	2.5	2	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
225	Mathura	BHRIGU SONS ENGG. WORKS, GAUR KENDRA, MATHURA	Metal Surface Treatment	1	0.7	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
226	Mathura	RAJ INTERPRISES , KARSHNI COMPLEX MTR	Metal Surface Treatment	1.2	1	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
227	Mathura	OM POLISHING WORKS, KARSHNI COMPLEX, GOVERDHAN RAOD, MTR	Metal Surface Treatment	1.2	1	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating

228	Mathura	Anand metal works Pali Khera, Sonkh road, mtr	Electroplating	1.3	1	ET, RT, TS, SDB		Unit Should Adopt CPCB charter for electroplatin g
229	Mathura	HARNAM MATELS, SANUK ROAD, KRISHNA NAGAR, MTR	Metal Surface Treatment	0.4	0.3	ET, RT, SST, PST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplatin g
230	Mathura	Shivani Electroplators(Santosh Gupta Vibretor) Gaour kendra, mathura by pass	Metal Surface Treatment	0.4	0.2	ET, RT, SST, PST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplatin g
231	Mathura	Anil Cloth Store, C-64, Ind.Area, Site A, Mtr	Yarn/Textile Processing	7	5	CONNECTED WITH CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

232	Mathura	Balaji Textiles Printers, E-70, Ind. Area, Site A, Mtr	Yarn/Textile Processing	6	4.5	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
233	Mathura	Gauri Prints(G.S.Das Kapreywala). E-84, Ind. Area, Site A, Mtr	Yarn/Textile Processing	5	4	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
234	Mathura	Ghanshyamdas Kapdewala li, E-84, Ind. Area, Site A, Mtr	Yarn/Textile Processing	4	2	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

235	Mathura	Gopi Kishan Saree House, G-62, Ind. Area, Site A, Mtr	Yarn/Textile Processing	14	10	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
236	Mathura	Mini Products (Krishna Prints), C-36.,Ind. Area, Site A, Mtr	Yarn/Textile Processing	4	2	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
237	Mathura	Madan Mohan Goyal, C-35, Ind. Area, Site A, Mtr	Yarn/Textile Processing	4	2	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

238	Mathura	Makhan Chor Prints, C-10, Ind. Area, Site A, Mtr	Yarn/Textile Processing	5	2.5	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
239	Mathura	Seema Textile(Raj Shri Prints), Site-A, Delhi Bypass, Mtr	Yarn/Textile Processing	4	2	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
240	Mathura	Rajeev Saree Printers, E-90, Ind Area Site A Mtr	Yarn/Textile Processing	3	1.5	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

241	Mathura	Neelam Prints, Ind. Area, Site-A, Mtr.	Yarn/Textile Processing		4	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
242	Mathura	Mathura Textiles, E-76, Ind. Area, Site A, Mtr	Yarn/Textile Processing	4.5	3	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
243	Mathura	Mathura Trading Co., E-68, Ind. Area, Site A, Mtr	Yarn/Textile Processing	4	2	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

244	Mathura	National Textiles, C-37, Ind. Area, Site A, Mtr	Yarn/Textile Processing	3	2	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
245	Mathura	Radhika Prints, C-51, Ind. Area, Site A, Mtr	Yarn/Textile Processing	5	4	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
246	Mathura	Ramesh Chand Agrawal, C-48, Ind. Area, Site A, Mtr	Yarn/Textile Processing	5	4	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

247	Mathura	National Screen Products, E-83, Ind. Area, Site A, Mtr	Yarn/Textile Processing	5	3	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
248	Mathura	Sidh Vinayak Ind., S-9, Ind. Area, Site A, Mtr	Yarn/Textile Processing	4	2.5	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
249	Mathura	Ridhi Sidhi Prints (Ranchu Mal, Ganjimal), D-73, Ind. Area, Site A, Mtr	Yarn/Textile Processing	5	3	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.

250	Mathura	Ranchumal Saree Udyog, C-63, Ind Area Site A Mtr	Yarn/Textile Processing	3	2	Conected with CETP	Water Consumption to be reduced & charter of CPCB to be followed. As per Appendix - 3 C	As per CPCB charter for water recycling and pollution prevention for textile industry.
251	Mathura	M. B. D. Metal Works, E-96 B, Ind. Area Site A, Mtr	Electroplating	0.6	0.5	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
252	Mathura	M.C.Metal Works, E-96 A, Ind. Area, Site A, Mtr	Electroplating	0.6	0.5	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
253	Mathura	Mahaveer Industries, F-24, Ind. Area, Site A, Mtr	Electroplating	1.2	1	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
254	Mathura	Mahaveer Metal Works, F-21, Ind. Area, Site A, Mtr	Electroplating	1.2	1	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points	Unit Should Adopt CPCB charter for electroplating

							as Appendix - 3 D	g
255	Mathura	Mahaveer Udyog, F-29, Ind. Area, Site A, Mtr	Electroplating	0.3	0.2	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
256	Mathura	P.D.Wire Industries, E-43. Ind. Area, Site A, Mtr	Electroplating	0.6	0.5	ET , RT, ST, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
257	Mathura	Kumar Fastners, S-15, Ind. Area, Site A, Mtr	Nutt Bolt	0.3	0.2	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
258	Mathura	Shri Ji Electroplaters, D-48, Ind. Area, Site A, Mtr	Metal Surface Treatment	0.3	0.2	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
259	Mathura	Shri Ji Electroplating,D-69, Site-A, Mathura)	Metal Surface Treatment	0.6	0.5	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating

260	Mathura	Status Sainitech Pvt Ltd, S-2, Ind. Area, Site A, Mtr	Metal Surface Treatment	3	2	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
261	Mathura	Bharat Metal Works, D-63, Ind. Area, Site A, Mtr	Metal Surface Treatment	2.5	1.8	ET, RT, TS, SDB	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	Unit Should Adopt CPCB charter for electroplating
262	Mathura	Ioc Ltd Mathura Refinery Mathura	Oil Refinery	14000	11160	O & G TRAP, BIO TOWER AT, BIO SLUDGE CENTRIFUGE, SDB FIND CLARIFIER, ACF, DMF, MGF	No Gap	
263	Agra	Agra Chains Pvt. Ltd. 14 Ind. Area, Nunhai Agra	Electroplating	6	5	Equalisation Tank, Reaction Tank, Settling Tank, Filter, Chemical Dozing Tank, Sludge Press, Evaporator, R.O	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
264	Agra	Agra Machine Tools Pvt. Ltd., Industrial Area, Nunhai Agra	Electroplating	6	5	Equalisation Tank, Reaction Tank, Settling Tank, Filter, Chemical Dozing Tank, Sludge Press, Evaporator, R.O	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate

265	Agra	Atul Deepwell Hand Pumps, Atul Compund, Nunhai, Agra	Electroplating	3.5	3	Equalisation Tank, Chemical Dozing Tank, Tube Settlers, Dual Media Filter, Activated Carbon Filter, Filter press	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
266	Agra	Benara Udyog Pvt. Ltd., Bodla Road, Agra	Electroplating	6	5	Oil Grease Separator, Equalisation Tank, Neutralisation Tank, Flash Mixer, Chemical Dozing Tank, Primary Tube Settler, Multigrade Filter, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
267	Agra	Bharat Chains Manufacturing Company , 99, Nunhai, Agra	Electroplating	1.5	1	Combined Holding Tank, Chemical Dozing Tank, Combined Reaction cum Settling Tank, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
268	Agra	Crown Chains, 147, Nunhai, Agra	Electroplating	1.5	1	Equalisation Tank, Reaction Tank, Settling Tank, PH, Adjustment Tank, Chemical Dozing Tank, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
269	Agra	Jai Durga Electroplaters, 135-A, Industrial Estate Nunhai, (Formerly Address) (Madan Lal Agarwal Nickle Plant)	Electroplating	1.5	1	Oil Grease Trap, Collection Tank, Flash Mixer, Chemical Dozing Tank, Tube Settler, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate

		50/74, Shivdasani Nagra, Sahganj, Agra						
270	Agra	Khandelwal Industries Enterprises, 72-80, I.E, Nunhai, Agra	electroplating	6	5	Oil Grease Separator, Equalisation Tank, Neutralisation Tank, Flash Mixer, Chemical Dozing Tank, Primary Tube Settler, Multigrade Filter, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
271	Agra	Kundan Chains, Freeganj, Agra	Electroplating	4	3	Oil Grease Separator, Equalisation Tank, Neutralisation Tank, Flash Mixer, Chemical Dozing Tank, Primary Tube Settler, Multigrade Filter, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
272	Agra	Kush Chains, 113 Industries, Industrial Estate, Nunhai, Agra	Electroplating	1.5	1	Equalisation Tank, Chemical Dozing Tank, Reaction Tank, Settling Tank, PH, Adjustment Tank, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate

273	Agra	M.L Chain 21, Industrial Estate, Nunhai, Agra.	Electroplating	1.5	1	Holding Tank, Combined Reaction cum Settling Tank, Chemical Dozing Tank, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
274	Agra	R.S. Chain & Company Behind Of Poliwal Foundary, Rambag, Agra.	Electroplating	1.5	1	Equalisation Tank, Holding cum Aeration Tank, Chemical Dozing Tank, Chemical Reaction Tank, Activated Carbon Filter, Sludge Drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
275	Agra	Radha Chains, 9-10, Ind. State, Nunhai, Agra	Electroplating	4	3	Oil Grease Separator, Equalisation Tank, Neutralisation Tank, Flash Mixer, Chemical Dozing Tank, Primary Tube Settler, Multigrade Filter, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
276	Agra	Rajni Chains, 167, Ind. State, Nunhai, Agra	Electroplating	2.5	2	Equalisation Tank, Chemical Dozing Tank, Reaction Tank, Settling Tank, PH, Adjustment Tank, Chemical Dozing Tank, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate

277	Agra	S.K. Udyog, 22/2b Gangeswar Campous, Motilal Nehru Road, Agra	Electroplating	1.5	1	Equalisation Tank, Holding cum Aeration Tank, Chemical Dozing Tank, Chemical Reaction Tank, Activated Carbon Filter, Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
278	Agra	Frigrifigo Allana Pvt. Ltd Owned By Modern Slaughter House Nagar Nigam Chhalesar, Kuberpur, Agra	Slaughter House	300	0	Bar Screen, Equalisation Tank, Reaction Tank, Settling Tank, Primary Settling Tank, Oil Grease Chamber, UASB, Aeration Tank, Filter, Chemical Dozing Tank, Sludge drying Beds, OCEMS	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	Best Practicable Technology (BPT) suggested by Revised Comperhen shive industry Document on Slaughter house issued by CPCB in Oct' 2017 should be followed.

279	Agra	H.M.A. Frozen Foods Export Kuberpur, Agra	Meat Processing	50	0	Screen Chamber, Holding Tank, Grit Chamber, Primary Settling Tank, Oil & Grease Trap, Equalisation Tank, Chemical Dozing Tank, Tube Setler , Aeration Tank, Secondary Settling Tank Treated Water Storage Tank, Sludge Press.	No Gap	ETP is adequate
280	Agra	HMA Food Exports Pvt. Ltd. (Slaughter House) Plot No. 293-295 And 297, Kuberpur, Etmadpur, Agra	Slaughter House	500	0	Bar Screen Chamber, Oil & Grease Trap, Equalisation Tank, Primary Settling Tank, UASB, Aeration Tank, Sludge drying Beds, Reaction Tank, Settling Tank, Filter, Chemical Dozing Tank Secondary Settling Tank Treated Water Storage Tank, Sludge Press, OCEMS.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 B	Best Practicable Technology (BPT) suggested by Revised Comperhen shive industry Document on Slaughter house issued by CPCB in Oct' 2017 should be followed.

281	Agra	Milkam (Formerly Name G.K. Dairy) Jarar, Bah Agra	Milk Processing	100	65	Bar Screen, Oil Grase Trap, Equalisation Tank, Reaction Tank, Settling Tank, Filter, Chemical Dozing Tank, Primary Clarifier, ACF, MGF and Sludgr drying Beds	No Gap	ETP is adequate
282	Agra	Srashti Chains, 168-B Industrial Estate, Nunihai, Agra	Electroplating	1.5	1	Oil Grease Trap, Collection Tank, Flash Mixer, Buffer Tank, Flocculator, and Sludge drying Beds.	Phase wise Reduction of Fresh Water Consumption & other action points as Appendix - 3 D	ETP is adequate
283	Firozabad	M/S Gold India, Industrial Estate, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
284	Firozabad	M/S Seeta Industries, Rahna Road, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
285	Firozabad	M/S Shri Girraj Ji Decorator, Rahna Road, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
286	Firozabad	M/S Jai Bajrang Wali Mettlizing, Rahna Road, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
287	Firozabad	M/S Sunil Decorators, Rahna Road, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
288	Firozabad	M/S Radha Shri Rainbow Mettlizing, Rahna Road, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
289	Firozabad	M/S B.V.M. (Centuri) Mettlizing, New Rasoolpur, Mainpuri	Metalizing	7	5	No ETP	ETP to be installed imedietly	

		Gate, Firozabad						
290	Firozabad	M/S Ambika Mettlizing, St Jon's Chauraha, Agra Road, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
291	Firozabad	M/S Jai Bhole Mettlizing, Tapa Kalan, Jalesar Road, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
292	Firozabad	M/S Shri Mahaveer Ji Polishers, Surya Nagar, Near Prakash Talkies, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
293	Firozabad	M/S Shri Ji Mettlizing, Shivaji Marg, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
294	Firozabad	M/S V.I.P. (Varda Decorators) Mettlizing, Near National Glass Industries, Jatavpuri Chauraha, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
295	Firozabad	M/S Pyumik Mettlizing, Near Rasoolpur, Pani Ki Tanki, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
296	Firozabad	M/S Arihant Mettlizing, Rahna Road, Firozabad	Metalizing	7	5	No ETP	ETP to be installed imedietly	
297	Firozabad	Laljee Board Industries (P) Ltd., A-34, Industrial Estate, Firozabad	Paper Mill (ZLD)	2	0		No Gap	

298	Firozabad	Dayal Ji Board Ind. Pvt. Ltd., A-35, 37, Ind. Estate, Firozabad	Paper Mill (ZLD)	2	0		No Gap	
299	Firozabad	Krishna Chemical , Industrial. Lalau Road	Metalizing	7	5	No ETP	ETP to be installed imediatly	
300	Firozabad	Single Chemical, Industrial State, Firozabad.	Metalizing	8	6	No ETP	ETP to be installed imediatly	

Appendix 3B

Action Points for Slaughter Houses

The Slaughter House unit shall take time bound steps as detailed below for fulfilling the existing gaps with reference to discharge of effluent, effluent treatment infrastructure, solid waste management as per the norms laid down in CPCB document :

1. The Water consumption and effluent discharge in the unit shall be restricted as below :

Animal	Specific water consumption M ³ /TLWK			Timeline
	Large Category	Medium Category	Small Category	
	(More than 200 Large animal i.e. bovines per day, or more than 1000 small animal i.e. goat and sheep per day)	(50 to 200 Large animal i.e. bovines per day, or 300 to 1000 small animal i.e. goat and sheep per day)	(Less than 50 Large animal i.e. bovines per day, or less than 300 small animal i.e. goat and sheep per day)	
Buffalo	0.30 - 0.50	0.1-0.25	0.05 - 0.25	06 Months
Goat/Sheep	1.2 - 2.1	1.3 - 2.5	0.8 - 1.7	06 Months

* M³/TLWK - Cubic Meter per Ton of Live Weight killed.

Source : Central Pollution Control Board vide its office memorandum dated 23-11-2017 has released a document titled "Revised Comprehensive Industry Document on Slaughter Houses".

2. Action Points with timeline for upgrading the Effluent Treatment Plant and its monitoring-

S.No.	Action Point	Timeline
1	ETP must be provided with tertiary treatment units like Pressure Sand Filter, Activated Carbon Filter, Ultra Filtration	03 Months
2	Calibration of Online Continuous Effluent Monitoring System as per CPCB protocol and ensure continuous linkage with server of CPCB.	01 Month
3	Installation of High Definition Open to Network Web Camera on ETP, final outlet point, final discharge point and its connectivity with UPPCB.	01 Month.
4	Ensuring Zero Liquid Discharge by way of recycling of treated effluent in process or utilization of effluent treated as per norms for irrigation on land.	06 Months.
5	Installation of sealed flow metering system along with running hours at the inlet water source (Borewell or other sources) and outlet and at inlet pipeline of different process operation and	30-06-2019

	outlet of ETP	
6	Colour Coding of Pipelines carrying recycled process water and fresh process water.	06 Months
7	Segregation of salt bearing stream and installation of salt recovery/evaopration system.	06 Months

Appendix 3C

Action Points for Textile Industries

Central Pollution Control Board has released a document titled "Charter for Water Recycling & Pollution Prevention For Textile Industry".

The Textile unit shall take timebound steps as detailed below for fulfilling the existing gaps with reference to water consumption & discharge of effluent, effluent treatment infrastructure etc. as below with timeline for upgrading the Effluent Treatment Plant -

S.No.	Objective	Action Point	Timeline
1.	Water Consumption	Reduce Water consumption by 20 % per kg of product by Completing upgradation of ETP.	31-12-2019
2.	Water Consumption	Reduce Water consumption by 15 % in addition to last years 20 % per kg of product by Completing upgradation of ETP by adding tertiary treatment units.	31-12-2020
3.	Water Consumption	Confirmation of 30 % Water Recycle against total input (in other words water consumption per kg should be reduced by 30 % minimum)	Beyond 31-12-2020
4.	Monitoring of Water Consumption	Installation of sealed flow meter and running hours meter on bore wells and inlet pipeline of different process section.	01 Month
5.	Colour coding of pipe lines	Colour coding of pipe lines carrying recycled process water and fresh process water	06 Months
6.	Self-Assessment of ETP adequacy	Preperation of ETP adequacy assessment report	01 Month
7.	Installation of sealed flow metering system	Installation of sealed flow metering system along with running hours at the inlet water source (Borewell or other sources) and outlet and at inlet pipeline of different process operation and outlet of ETP	30-06-2019
8.	Setting up of Online Effluent Monitoring System	Setting up of Online Effluent Monitoring System to Monitor final outlet discharge, units connected to CETPs can have Common System Installed at CETP discharge	06 Months

Appendix 3 D:

Action Points for Electroplating Industries

The Electroplating units shall take timebound steps as detailed below for fulfilling the existing gaps with reference to adoption of cleaner technology, water consumption & discharge of effluent-

S.N	Gap	Action Point	Timeline
1	Adoption of cleaner technology	Usage of cyanide in electroplating should be phased out. Non-Cyanide Plating Processes should be adopted	31-12-2019
2	Proper segregation of metal bearing effluent streams	Different metal bearing streams shall be segregated by way of dedicated marked lines, to segregate waste water according to its characteristics	03 Months
3	Reducing Water Consumption	Unit shall achieve the target of 50% reduction in water consumption by adopting cleaner technologies such as: Introduction of rinse water recirculation, Using of countercurrent rinsing systems; recycling rinse waters to the process after treatment. Regenerate and recycle process baths and rinse water after treatment.	31-12-2019
4	Reducing waste water discharge	Unit shall reduce the waste water discharge upto 50% by adopting cleaner technologies such as: Controlling spillages by using troughs between tanks and avoiding haphazard rinsing and washing Recycling of treated effluent for rinsing.	31-12-2019
5	Upgradation of ETP	ETP must be provided with tertiary treatment units like Reverse Osmosis Plant, Ultra Filtration, Ion Exchange etc, to enable recycling of treated effluent in the process	31-12-2019
6	Self-Assessment of ETP adequacy	Preparation of ETP adequacy assessment report	01 Month
7	Installation of sealed flow metering system	Installation of sealed flow metering system along with running hours at the inlet water source (Borewell or other sources) and outlet and at inlet pipeline of different process operation and outlet of ETP.	03 Months
8	Setting up of Online Effluent Monitoring System	Setting up of Online Effluent Monitoring System to Monitor final outlet discharge.	06 Months
9	Colour Coding of Pipelines	Colour Coding of Pipelines carrying recycled process water and fresh process water.	06 Months
10	Monitoring of pollution control systems	Installation of High Definition Open to Network Web Camera on ETP, final outlet point, final discharge point and its connectivity with UPPCB.	01 Month.

Appendix-3(E)**Monitoring Reports of CETP Site-A, UPSIDC, Industrial Area, Mathura**

Treated effluent quality of CETP Industrial Area, Site-A, Mathura						
S.No.	Date	Parameters				Status
		pH(mg/L)	BOD(mg/L)	COD(mg/L)	TSS(mg/L)	Compliance (Y/N)
1	30/4/2019	7.5	24	200	81	YES
2	23/4/2019	7.4	26	204	81	YES
3	5/3/2019	7.6	21	186	71	YES
4	26/2/2019	7.5	21	184	75	YES
5	19/2/2019	7.6	25	200	91	YES

Appendix-4

Details of Gram Panchayats & Revenue Villages on the banks of River

VILLAGE SITUATED ALONG THE RIVER YAMUNA RIVER LEFT BANK

S. No	District	Name of village	LAT	LONG	Distance (Km)	Population (2011)	Decadal growth rate (%)	Estimated population (2019)	Sewage Generation (MLD)	Estimated MSW (Kg/day)
1	Agra	Dhangraoli vill	27°15'43.62"N	77°58'32.27"E	0.15	862	22.05	1014	0.110	253.514
2	Agra	Samogar ehtamali	27°11'1.46"N	78° 7'26.93"E	0.35	2321	22.05	2730	0.280	682.606
3	Agra	Paroli Sikarwar	27° 5'44.50"N	78°17'57.77"E	0.34	3631	22.05	4272	0.430	1067.877
4	Auraiya	Asta	26°25'54.76"N	79°25'46.53"E	0.32	520	16.91	590	0.060	147.586
5	Auraiya	Asta	26°25'52.96"N	79°25'47.02"E	0.125	520	16.91	590	0.060	147.5864
6	Auraiya	Marhapur	26°24'32.84"N	79°29'38.22"E	0.22	1,921	16.91	2181	0.220	545.21822
7	Auraiya	Bhadaura	26°23'33.26"N	79°29'35.15"E	0.32	251	16.91	285	0.030	71.23882
8	Auraiya	Gauhani Kachhar	26°21'35.75"N	79°30'58.13"E	0.23	1,555	16.91	1765	0.180	441.3401
9	Auraiya	Asewa	26°29'13.05"N	79°16'15.30"E	0.3	1270	16.91	1442	0.150	360.451
10	Auraiya	Mahewa	26°27'37.37"N	79°15'47.74"E	0.29	996	16.91	1131	0.120	282.685
11	Auraiya	Juhikha	26°25'59.21"N	79°14'50.35"E	0.28	1032	16.91	1172	0.120	292.902
12	Auraiya	Bhartaul	26°25'24.03"N	79°18'54.54"E	0.38	1219	16.91	1384	0.140	345.977
13	Bnada	Charaka	25°40'57.34"N	<u>80°54'42.82"E</u>	0.125	3,072	17.05	3491	0.350	872.7552
14	Bnada	Matchana	25°39'6.61"N	80°56'25.13"E	0.25	1,634	17.05	1857	0.190	464.2194
15	Bnada	Mudvara	25°38'37.46"N	<u>80°56'22.13"E</u>	0.36	1,601	17.05	1819	0.190	454.8441
16	Etawah	Nandgaon	26°36'52.37"N	79° 5'26.34"E	0.25	1401	18.15	1604	0.170	401.106
17	Etawah	andawa	26°34'35.11"N	79°11'41.25"E	0.24	3999	18.15	4580	0.460	1144.914
18	Fatehpur	Mawai Dham	25°54'40.48"N	80°17'35.50"E	0.32	2,436	14.05	2710	0.280	677.4516
19	Fatehpur	Adawal	25°49'49.26"N	80°31'11.73"E	0.15	3,672	14.05	4085	0.410	1021.1832
20	Fatehpur	Lamheta	25°42'22.46"N	80°39'37.72"E	0.21	3,672	14.05	4085	0.410	1021.1832

VILLAGE SITUATED ALONG THE RIVER YAMUNA RIVER LEFT BANK

S. No .	District	Name of village	LAT	LONG	Distance (Km)	Population (2011)	Decadal growth rate (%)	Estimated population (2019)	Sewage Generation (MLD)	Estimated MSW (Kg/day)
21	Fatehpur	Ghadiva Majhgawan	25°38'13.78"N	80°57'6.43"E	0.25	1183	14.05	1316	0.140	328.9923
22	Firozabad	Usmanpur	27° 5'49.60"N	78°19'17.64"E	0.23	2173	21.69	2550	0.260	637.515
23	Firozabad	Shankarpur	27° 4'57.24"N	78°21'17.38"E	0.2	4073	21.69	4780	0.480	1194.937
24	Firozabad	Urawar mandawa	26°53'51.80"N	78°38'17.67"E	0.2	2253	21.69	2644	0.270	660.985
25	Jalaun	Shankarpur Gaon Diw	26°25'12.04"N	<u>79°28'33.70"E</u>	0.18	459	16.19	518	0.060	129.61242
26	Kanpur	Katari	26° 4'26.37"N	79°58'57.64"E	0.24	3,145	9.92	3395	0.340	848.6468
27	Kanpur	Mau	26° 2'0.20"N	80° 6'45.59"E	0.25	1411	9.92	1523	0.160	380.74424
28	Kanpur	Hardauli	26° 1'2.35"N	80° 6'11.24"E	0.12	2,295	9.92	2477	0.250	619.2828
29	Kanpur Dehat	Bhupaiyapur Harkishanp	26°21'34.60"N	79°32'26.38"E	0.25	632	14.89	707	0.080	176.82096
30	Kanpur Dehat	Baijamau Kachhar	26°16'48.41"N	79°33'8.60"E	0.18	1,096	14.89	1227	0.130	306.63888
31	Kanpur Dehat	Jaisalpura Mahdewa	26°16'19.06"N	79°34'7.24"E	0.33	1,533	14.89	1716	0.180	428.90274
32	Kanpur Dehat	Debair	26°12'3.13"N	79°42'18.79"E	0.22	3,076	14.89	3442	0.350	860.60328
33	Kanpur Dehat	Teoga	26°11'41.69"N	79°44'45.47"E	0.21	2,875	14.89	3217	0.330	804.3675
34	Kanpur Dehat	Daulatpur	26° 8'54.20"N	79°45'26.21"E	0.36	2,594	14.89	2903	0.300	725.74932
35	Kanpur Dehat	Salarpur	26° 6'23.74"N	79°49'36.45"E	0.22	672	14.89	752	0.080	188.01216
36	Kanpur Dehat	Daorahat Bangar,	26° 7'13.00"N	79°51'57.25"E	0.15	6,583	14.89	7367	0.740	1841.79174
37	Kanpur	School	26° 9'53.36"N	79°56'37.06"E	0.24	3,112	14.89	3483	0.350	870.67536

VILLAGE SITUATED ALONG THE RIVER YAMUNA RIVER LEFT BANK

S. No .	District	Name of village	LAT	LONG	Distance (Km)	Population (2011)	Decadal growth rate (%)	Estimated population (2019)	Sewage Generation (MLD)	Estimated MSW (Kg/day)
	Dehat	Nayapurwa Haliya, Chapar Ghata								
38	Kanpur Dehat	Katar	26° 7'12.95"N	79°58'19.08"E	0.21	2955	14.89	3307	0.340	826.7499
39	Kausambi	Pansara	25°19'50.79"N	81°47'59.36"E	0.15	218	23.7	259	0.030	64.8332
40	Kausambi	Jalalpur Bharti Uparhar	25°20'57.32"N	81°48'17.19"E	0.23	3262	23.7	3880	0.390	970.1188
41	Mathura	Pani Gaon Banger vill	27°33'55.45"N	77°43'24.12"E	0.221	7139	22.78	8440	0.850	2110.003
42	Mathura	Abdul Nabipur khader	27°30'52.23"N	77°41'11.59"E	0.5	2048	22.78	2421	0.250	605.307
43	Mathura	Nabipur bhangar	27°24'21.94"N	77°45'17.99"E	0.14	941	22.78	1112	0.120	278.122
44	Mathura	Havivpur vill	27°23'17.81"N	77°46'33.87"E	0.22	3157	22.78	3732	0.380	933.083
45	Mathura	Murshidabad khada rvill	27°17'14.81"N	77°54'46.19"E	0.14	434	22.78	513	0.060	128.273
46	Noida	yakootpur vil	28°28'14.10"N	77°25'20.46"E	0.1	336	37.11	436	0.050	108.938
47	Noida	Dostpur Mangroli vill	28°28'35.70"N	77°25'8.74"E	0.1	1362	37.11	1766	0.180	441.588
48	Noida	Makanpur vill	28°16'16.28"N	77°29'50.36"E	0.152	1510	37.11	1958	0.200	489.572
49	Prayagraj	Basantpur Uparhar	25°21'0.30"N	81°48'52.70"E	0.26	1359	20.63	1583	0.160	395.82234
50	Prayagraj	Karehada Uparhar	25°22'26.30"N	81°47'10.96"E	0.23	4727	20.63	5507	0.560	1376.78602
		Total			11.693	106,198	935.8	121718	12.43	30430.112

VILLAGE SITUATED ALONG THE RIVER YAMUNA RIVER RIGHT BANK

S. No.	District	Name of village	LAT	LONG	Distance (Km)	Population (2011)	Decadal growth rate (%)	Estimated population (2019)	Sewage Generation (MLD)	Estimated MSW (Kg/day)
1	Agra	Akabara vill	27°15'3.15"N	77°54'6.48"E	0.2	4149	22.05	4880.8836	0.488	1220.2209
2	Agra	Sikandarpur mustkil vill	27°15'39.00"N	78°0'11.80"E	0.22	1812	22.05	2131.6368	0.22	532.9092
3	Agra	Khaspur ehtmali	27°15'22.79"N	78°0'53.12"E	0.2	3088	22.05	3632.7232	0.37	908.1808
4	Agra	Etmadpur vill	27°10'43.47"N	78°7'3.02"E	0.1	5218	22.05	6138.4552	0.62	1534.6138
5	Agra	Mehra naharganj	27°10'14.07"N	78°11'47.58"E	0.3	2053	22.05	2415.1492	0.25	603.7873
6	Agra	Baripura	27°6'8.90"N	78°15'25.41"E	0.35	796	22.05	936.4144	0.1	234.1036
7	Agra	Bamrauli	27°3'43.84"N	78°18'22.37"E	0.345	1710	22.05	2011.644	0.21	502.911
8	Agra	Rajaura	26°57'42.28"N	78°28'37.48"E	0.35	5400	22.05	6352.56	0.64	1588.14
9	Agra	Bateshwar	26°56'8.76"N	78°32'37.50"E	0.05	4213	22.05	4956.1732	0.5	1239.0433
10	Agra	Rudmuli	26°54'51.09"N	78°35'58.71"E	0.25	1368	22.05	1609.3152	0.17	402.3288
11	Agra	Sunsar	26°56'37.78"N	78°37'3.11"E	0.12	570	22.05	670.548	0.07	167.637
12	Auraiya	Bhadaura	26°23'33.49"N	79°29'34.02"E	0.18	251	16.91	284.95528	0.03	71.23882
13	Auraiya	Karmukha Mustakil	26°21'44.18"N	79°29'50.16"E	0.11	2272	16.19	2566.26944	0.26	641.56736

VILLAGE SITUATED ALONG THE RIVER YAMUNA RIVER RIGHT BANK

S. No.	District	Name of village	LAT	LONG	Distance (Km)	Population (2011)	Decadal growth rate (%)	Estimated population (2019)	Sewage Generation (MLD)	Estimated MSW (Kg/day)
14	Bnada	Khaptiha Khurd	25°53'53.36"N	80°23'31.19"E	0.23	1732	17.05	1968.2448	0.2	492.0612
15	Bnada	Mahabara population	25°50'31.34"N	80°31'46.57"E	0.25	1578	17.05	1793.2392	0.18	448.3098
16	Bnada	Baragaon	25°50'27.41"N	80°28'54.93"E	0.18	2284	17.05	2595.5376	0.26	648.8844
17	Bnada	Basdhari	25°47'2.39"N	80°30'1.99"E	0.33	439	17.05	498.8796	0.05	124.7199
18	Bnada	Augasi population	25°40'40.95"N	80°43'50.06"E	0.22	2265	17.05	2573.946	0.26	643.4865
19	Bnada	Marka	25°40'33.16"N	80°51'26.18"E	0.165	15563	17.05	17685.7932	1.77	4421.4483
20	Chitrakoot	Tikara	25°15'35.40"N	81°26'9.17"E	0.3	1181	29.43	1459.05464	0.15	364.76366
21	Chitrakoot	Purab Palai Ahatmal	25°15'12.45"N	81°27'4.81"E	0.22	2693	29.43	3327.03992	0.34	831.75998
22	Etawah	Aswa	26°47'12.94"N	78°54'59.11"E	0.3	2972	18.15	3403.5344	0.35	850.8836
23	Etawah	Sunwara	26°44'56.81"N	79°0'25.48"E	0.12	1100	18.15	1259.72	0.13	314.93
24	Etawah	Miholi	26°39'13.60"N	79°2'11.14"E	0.3	2501	18.15	2864.1452	0.29	716.0363
25	Etawah	Kandheshi dhar	26°37'54.03"N	79°3'26.49"E	0.15	2260	18.15	2588.152	0.26	647.038
26	Etawah	Khiriti	26°35'13.32"N	79°9'44.10"E	0.23	1002	18.15	1147.4904	0.12	286.8726

VILLAGE SITUATED ALONG THE RIVER YAMUNA RIVER RIGHT BANK

S. No.	District	Name of village	LAT	LONG	Distance (Km)	Population (2011)	Decadal growth rate (%)	Estimated population (2019)	Sewage Generation (MLD)	Estimated MSW (Kg/day)
				E						
27	Etawah	Paharpur	26°31'28.53"N	79°14'54.48"E	0.32	2342	18.15	2682.0584	0.27	670.5146
28	Etawah	Bhareh	26°30'25.48"N	79°15'46.69"E	0.28	939	18.15	1075.3428	0.11	268.8357
29	Fatehpur	Adari	25°48'3.03"N	80°28'23.55"E	0.24	5294	14.05	5889.0456	0.59	1472.2614
30	Fatehpur	Gurwal(fatehpur)	25°36'57.48"N	80°57'47.25"E	0.27	2224	14.05	2473.9776	0.25	618.4944
31	Fatehpur	Jagdishpur	25°37'13.73"N	80°59'0.75"E	0.22	299	14.05	332.6076	0.04	83.1519
32	Fatehpur	Kishanpur	25°38'18.22"N	81°1'31.89"E	0.3	1646	14.05	1831.0104	0.19	457.7526
33	Fatehpur	Ekdala	25°37'46.96"N	81°2'12.15"E	0.2	2572	14.05	2861.0928	0.29	715.2732
34	Fatehpur	Garha	25°35'51.15"N	81°2'13.57"E	0.2	16310	14.05	18143.244	1.82	4535.811
35	Fatehpur	Kot	25°31'11.15"N	81°5'58.42"E	0.12	4985	14.05	5545.314	0.56	1386.3285
36	Firozabad	Kachaura	26°51'1.30"N	78°48'53.08"E	0.19	2630	21.69	3086.3576	0.31	771.5894
37	Ghazipur	Samari	25°27'51.08"N	81°11'56.48"E	0.26	242	19.18	279.13248	0.03	69.78312
38	Hamirpur	Ekona	26°4'53.74"N	79°54'46.50"E	0.0263	2184	5.8	2285.3376	0.23	571.3344

VILLAGE SITUATED ALONG THE RIVER YAMUNA RIVER RIGHT BANK

S. No.	District	Name of village	LAT	LONG	Distance (Km)	Population (2011)	Decadal growth rate (%)	Estimated population (2019)	Sewage Generation (MLD)	Estimated MSW (Kg/day)
			N							
39	Hamirpur	Manki kalan	26° 8'44.47" N	79°57'31 .98"E	0.24	1548	5.8	1619.8272	0.17	404.9568
40	Hamirpur	Umrahat	26° 7'0.62"N	79°57'33 .43"E	0.25	1251	5.8	1309.0464	0.14	327.2616
41	Hamirpur	Baruaa	26° 3'33.92" N	79°59'16 .99"E	0.12	1688	5.8	1766.3232	0.18	441.5808
42	Hamirpur	Bachrauli	26° 3'26.21" N	80° 1'20.39" E	0.32	4006	5.8	4191.8784	0.42	1047.9696
43	Hamirpur	Surauli Buzurg Daria	25°53'11 .80"N	80°18'24 .76"E	0.15	7115	5.8	7445.136	0.75	1861.284
44	Jalaun	Ismilepur	26°25'28 .43"N	79°15'8. 06"E	0.15	777	16.19	877.63704	0.09	219.40926
45	Jalaun	Gurha	26°25'52 .30"N	79°16'15 .93"E	0.23	746	16.19	842.62192	0.09	210.65548
46	Jalaun	Bijvapur diwara	26°24'30 .77"N	79°22'52 .87"E	0.18	1093	16.19	1234.56536	0.13	308.64134
47	Jalaun	Khargui Mustakil population	26°16'35 .95"N	79°32'29 .69"E	0.165	1471	16.19	1661.52392	0.17	415.38098
48	Jalaun	SIMRASHEI KHPUR	26°14'44 .66"N	79°37'44 .85"E	0.125	968	16.19	1093.37536	0.11	273.34384
49	Jalaun	Dahelkhand Dewara	26°12'36 .34"N	79°38'15 .28"E	0.25	1257	16.19	1419.80664	0.15	354.95166
50	Jalaun	Shekhpur Gura Divar	26°11'4. 59"N	79°42'14 .19"E	0.25	169	16.19	190.88888	0.02	47.72222

VILLAGE SITUATED ALONG THE RIVER YAMUNA RIVER RIGHT BANK

S. No.	District	Name of village	LAT	LONG	Distance (Km)	Population (2011)	Decadal growth rate (%)	Estimated population (2019)	Sewage Generation (MLD)	Estimated MSW (Kg/day)
51	Jalaun	Hirapur Mustakil population	26° 9'40.16" N	79°45'7.00"E	0.27	777	16.19	877.63704	0.09	219.40926
52	Jalaun	Guloli Divara	26° 5'45.23" N	79°48'56.97"E	0.289	925	16.19	1044.806	0.11	261.2015
53	Kausambi	Pabhosa	25°21'4.59"N	81°19'7.75"E	0.13	3495	23.7	4157.652	0.42	1039.413
54	Kausambi	Kosam Inam Uparhar	25°20'34.92"N	81°22'16.96"E	0.16	6345	23.7	7548.012	0.76	1887.003
55	Kausambi	Beroucha uparhar	25°18'34.81"N	81°24'18.82"E	0.3	4795	23.7	5704.132	0.58	1426.033
56	Kausambi	Bhakanda kachhar	25°16'33.72"N	81°28'58.91"E	0.25	3067	23.7	3648.5032	0.37	912.1258
57	Kausambi	Nanda ka pura	25°17'37.53"N	81°32'22.00"E	0.22	623	23.7	741.1208	0.08	185.2802
58	Kausambi	Pratappur	25°17'18.45"N	81°33'10.11"E	0.25	1464	23.7	1741.5744	0.18	435.3936
59	Mathura	Latifpur vill	27°22'18.89"N	77°46'16.47"E	0.14	4365	22.78	5160.4776	0.52	1290.1194
60	Prayagraj	Mubarakpur kachhar	25°22'14.86"N	81°10'44.41"E	0.2	1805	20.63	2102.8972	0.22	525.7243
61	Prayagraj	Pandua	25°18'22.22"N	81°34'48.22"E	0.28	2087	20.63	2431.43848	0.25	607.85962
62	Prayagraj	Semri Tarhar	25°18'48.19"N	81°35'28.65"E	0.3	1470	20.63	1712.6088	0.18	428.1522
63	Prayagraj	Manpur	25°20'58.80"N	81°42'0.02"E	0.28	1199	20.63	1396.88296	0.14	349.22074
64	Prayagraj	Ojhapatti	25°20'56	81°42'41	0.19	530	20.63	617.4712	0.07	154.3678

VILLAGE SITUATED ALONG THE RIVER YAMUNA RIVER RIGHT BANK

S. No.	District	Name of village	LAT	LONG	Distance (Km)	Population (2011)	Decadal growth rate (%)	Estimated population (2019)	Sewage Generation (MLD)	Estimated MSW (Kg/day)
			.58"N	.71"E						
65	Prayagraj	Mainapur	25°21'41.19"N	81°42'15.60"E	0.15	1522	20.63	1773.19088	0.18	443.29772
66	Prayagraj	Jagdishpur	25°20'43.65"N	81°44'11.75"E	0.26	970	20.63	1130.0888	0.12	282.5222
67	Prayagraj	Fulwa	25°20'58.69"N	81°45'4.55"E	0.26	2074	20.63	2416.29296	0.25	604.07324
68	Prayagraj	Birwal	25°20'6.02"N	81°45'31.25"E	0.3	2263	20.63	2636.48552	0.27	659.12138
69	Prayagraj	Kanjasa uparhar	25°19'26.81"N	81°46'29.07"E	0.28	5082	20.63	5920.73328	0.6	1480.18332
70	Prayagraj	Bakshi Moda	25°24'8.95"N	81°48'22.87"E	0.15	3784	20.63	4408.51136	0.45	1102.12784
71	varanasi	Katari	25°20'35.16"N	81°15'16.61"E	0.12	7230	17.15	8221.956	0.83	2055.489
		Total			15.6053	190098	1292.65	217281.12	22.068	54320.28

Appendix-5**WET LANDS / WATER BODIES ALONG THE RIVER YAMUNA**

SR. NO	NAME OF DISTRICT	NAME OF TOWN	NAME OF NEARBY VILLAGE	LATITUDE	LONGITUDE	DISTANCE FROM RIVER (KM)	LOCATION OF WETLAND	
							LEFT BANK	RIGHT BANK
1	Noida	Dadasiya pond	Dadasiya pond	28°27'57.48"N	77°21'59.21"E	0.3	YES	
2		Dadasiya pond2	Dadasiya pond2	28°27'54.07"N	77°21'58.22"E	0.35	YES	
3		Dostpur Mangroli pond	Dostpur Mangroli pond	28°28'35.70"N	77°25'8.74"E	0.38	YES	
4		mahawatpur pond	mahawatpur pond	28°26'0.78"N	77°24'44.69"E	0.29	YES	
5		Kambakshpur pond	Kambakshpur pond	28°26'34.15"N	77°26'39.33"E	0.23	YES	
6		Kambakshpur pond	Kambakshpur pond	28°26'28.92"N	77°26'42.26"E	0.12	YES	
7	Aligarh	Gharvara pond	Gharvara pond	28° 3'58.85"N	77°30'47.34"E	0.1	YES	
8		Ramghari pond	Ramghari pond	27°57'39.49"N	77°32'31.27"E	0.72	YES	
9		bheem khadar pond	bheem khadar pond	27°37'57.56"N	77°42'56.01"E	0.23	YES	
10		Dangoli KhadarPond	Dangoli KhadarPond	27°36'27.59"N	77°42'43.31"E	0.2	YES	
11		Pokhar Hirde Pond	Pokhar Hirde Pond	27°34'10.31"N	77°43'55.51"E	0.21	YES	
12		Pani Gaon Banger Pond	Pani Gaon Banger Pond	27°33'47.18"N	77°43'28.55"E	0.3	YES	
13	Mathura	Mathura civil lines pond	Mathura civil lines pond	27°28'23.01"N	77°41'50.58"E	0.1		YES
14		Mathura pond	Mathura pond	27°29'16.83"N	77°40'42.37"E	0.18		YES
15		Koila alipur pond	Koila alipur pond	27°25'9.20"N	77°42'49.98"E	0.32		YES
16		Shahpur farah pond	Shahpur farah pond	27°21'23.61"N	77°44'53.81"E	0.1		YES
17		lahrauli khadar pond	lahrauli khadar pond	27°20'2.69"N	77°46'29.65"E	0.33		YES
18		Chhoti patti pond	Chhoti patti pond	27°16'59.25"N	77°53'6.88"E	0.12		YES
19		Mangarol gujar pond	Mangarol gujar pond	27°17'9.71"N	77°52'37.71"E	0.3		YES

20	Agra	Agra pond 1	Agra pond 1	27°13'15.64"N	77°58'4.39"E	0.11		YES
21		Agra pond2	Agra pond2	27°13'20.20"N	77°58'34.77"E	0.3		YES
22		Khairati tola pond agra	Khairati tola pond agra	27°10'5.40"N	78° 1'51.93"E	0.25		YES
23		Dharmapuri pond	Dharmapuri pond	27°10'23.54"N	78° 3'3.33"E	0.23		YES
24		kheetam lake	kheetam lake	27°15'5.95"N	77°50'47.92"E	0.11		YES
25		runkata pond	runkata pond	27°14'11.50"N	77°52'42.41"E	0.22		YES
26		Mohpai khadar pond	Mohpai khadar pond	27°15'25.88"N	77°54'14.08"E	0.15		YES
27		agra pond bain bazar	agra pond bain bazaar	27°13'26.71"N	77°57'31.49"E	0.21		YES
28		Amar vihar pond agra	Amar vihar pond agra	27°14'21.72"N	78° 0'21.60"E	0.3		YES
29		Takshila pond agra	Takshila pond agra	27°13'15.46"N	77°59'19.67"E	0.1		YES
30	Firozabad	Latifpur khadar pond	Latifpur khadar pond	28°17'27.06"N	77°30'41.12"E	0.17		YES
31	Auraiya	Khanpur Pond	Khanpur Pond	26°26'30.95"N	79°29'36.03"E	1.92	YES	
32		Shankarpur Pond	Shankarpur Pond	26°24'51.71"N	79°28'48.30"E	1.58		YES
33		Bhaderh Mustakil pond	Bhaderh Mustakil pond	26°22'56.05"N	79°28'25.43"E	1.2		YES
34		Keontra Pond 1	Keontra Pond 1	26°23'18.97"N	79°30'58.14"E	2.3	YES	
35		Keontra Pond 2	Keontra Pond 2	26°23'18.14"N	79°31'4.27"E	2.45	YES	
36	Jalaun	Lohai Mustakil Pond	Lohai Mustakil Pond	26°19'51.89"N	79°29'58.48"E	2.35		YES
37		Araji Amarahat pond	Araji Amarahat pond	26°22'14.12"N	79°34'13.34"E	1.14	YES	
39		Ghatapara pond	Ghatapara pond	26°19'18.47"N	79°34'15.31"E	1.9	YES	
40		Maraiye pond 1	Maraiye pond 1	26°18'17.10"N	79°30'12.73"E	1.97		YES
41		Maraiye pond 2	Maraiye pond 2	26°18'4.97"N	79°29'56.89"E	2.48		YES

42		Maraiye pond 3	Maraiye pond 3	26°17'57.70"N	79°30'32.79"E	1.57		YES
43		Khargui Dewara	Khargui Dewara	26°15'56.31"N	79°31'43.80"E	1.87		YES
44		Jarara Dewara pond	Jarara Dewara pond	26°15'38.54"N	79°33'19.16"E	0.48		YES
45		Pichaura pond	Pichaura pond	26°14'43.10"N	79°39'54.33"E	1.12	YES	
46		Udaipur,pond	Udaipur,pond	26°10'47.83"N	79°46'11.35"E	0.48	YES	
47	kanpur dehat	Kariyapur Bhoganipur pond	Kariyapur Bhoganipur pond	26° 9'58.07"N	79°46'23.92"E	0.8	YES	
48		Kanpur Dehat,pond	Kanpur Dehat,pond	26° 9'39.46"N	79°46'32.19"E	1.27	YES	
		Kanpur Dehat pond	Kanpur Dehat pond	26°19'52.05"N	79°34'27.87"E	1.18	YES	
		Samuhi pond	Samuhi pond	25°56'28.09"N	80°12'9.77"E	0.42	YES	
49		Chak Devkall pond	Chak Devkall pond	26° 9'13.61"N	79°44'18.23"E	1.21		YES
50	Kalpi	Kalpi Pond 1	Kalpi Pond 1	26° 7'4.27"N	79°45'15.38"E	1.08		YES
51		Kalpi Pond 2	Kalpi Pond 2	26° 6'59.43"N	79°44'24.34"E	1.77		YES
52	Jalaun	Guloli Mustkil pond	Guloli Mustkil pond	26° 4'55.92"N	79°49'31.19"E	1.92		YES
53		Madraladpur pond	Madraladpur pond	26° 5'44.50"N	79°50'35.40"E	0.67		YES
54		Nagina Bangar pond	Nagina Bangar pond	26° 8'30.59"N	79°55'7.51"E	1.49	YES	
55		Manki Khurd pond	Manki Khurd pond	26° 9'10.81"N	79°56'51.75"E	0.43		YES
56		Moosanagr pond	Moosanagr pond	26°10'9.06"N	79°58'7.36"E	1.58	YES	
57	Hamirpur	Misripur pond	Misripur pond	26° 4'41.23"N	79°56'50.93"E	0.6		YES

58		Simra Pond	Simra Pond	26° 3'19.33"N	79°58'21.24"E	1.28		YES
59		Kutra pond	Kutra pond	26° 5'38.05"N	80° 4'12.16"E	1.86	YES	
60		Hamirpur pond 1	Hamirpur pond 1	25°57'32.77"N	80° 8'37.39"E	0.67		YES
		Pateora Danda pond	Pateora Danda pond	25°55'10.49"N	80°14'28.79"E	0.41		YES
61		Hamirpur pond 2	Hamirpur pond 2	25°57'38.54"N	80° 8'33.23"E	0.54		YES
62		Bhilawa Danda pond	Bhilawa Danda pond	25°57'0.99"N	80°10'18.63"E	0.13		YES
66	Banda	Galauli pond	Galauli pond	25°53'38.55"N	80°25'2.02"E	1.45		YES
67		Gadola pond	Gadola pond	25°53'33.16"N	80°25'20.79"E	1.38		YES
68		Gauri Khurd pond	Gauri Khurd pond	25°52'59.31"N	80°26'40.65"E	2.29		YES
69		Kukade pond	Kukade pond	25°54'13.48"N	80°29'26.73"E	0.95	YES	
70		Chandwara pond	Chandwara pond	25°52'52.94"N	80°27'21.37"E	2.3		YES
71		Ichhawar, pond	Ichhawar, pond	25°52'36.59"N	80°30'23.63"E	0.35		YES
72		Jamrouli, pond	Jamrouli, pond	25°54'3.93"N	80°30'3.40"E	0.86	YES	
73		Mauhari pond	Mauhari pond	25°53'26.24"N	80°32'4.05"E	1.06	YES	
74		Kodar pond	Kodar pond	25°50'42.17"N	80°33'55.28"E	1.53	YES	
75		pachkauri pond	pachkauri pond	25°48'14.14"N	80°27'24.44"E	1.51	YES	
76		Dasauli Pond	Dasauli Pond	25°48'29.54"N	80°29'49.42"E	1.15	YES	
77		Chilla Ghat pond	Chilla Ghat pond	25°45'59.12"N	80°31'42.84"E	0.47		YES

78		Madanpur pond	Madanpur pond	25°46'23.79"N	80°32'16.03"E	0.16		YES
79	Fatehpur	paltoopur pond	paltoopur pond	25°47'40.54"N	80°31'3.79"E	0.94	YES	
80		lalauli pond	lalauli pond	25°48'50.98"N	80°32'28.54"E	2.16	YES	
81		Korra-kanak pond	Korra-kanak pond	25°47'2.19"N	80°35'0.77"E	0.5	YES	
82		Laumar pond	Laumar pond	25°45'36.09"N	80°33'15.98"E	2.21		YES
83		Bapsaura pond	Bapsaura pond	25°56'29.70"N	80°15'31.86"E	0.85	YES	
84		Jauharpur pond	Jauharpur pond	25°42'39.41"N	80°34'41.35"E	0.24		YES
85		Benda pond	Benda pond	25°41'46.83"N	80°37'37.24"E	0.54		YES
86		Lamheta pond	Lamheta pond	25°42'34.87"N	80°40'38.56"E	0.99	YES	
87		Gaura pond	Gaura pond	25°40'53.48"N	80°40'29.08"E	1.06		YES
88		Devlan Pond	Devlan Pond	25°42'11.71"N	80°41'55.32"E	1.29	YES	
89		Augasi pond	Augasi pond	25°40'36.93"N	80°43'53.58"E	0.47		YES
90		Lilra pond	Lilra pond	25°42'4.48"N	80°44'32.08"E	1.58	YES	
91		Sevramaw pond	Sevramaw pond	25°42'6.08"N	80°45'45.20"E	1.41	YES	
92		Samgara,pond	Samgara,pond	25°41'7.01"N	80°46'41.69"E	0.29		YES
93		Sarwal pond	Sarwal pond	25°43'12.68"N	80°47'57.31"E	1.44	YES	
94		Dharmpur Suswan Khurd pond	Dharmpur Suswan Khurd pond	25°44'18.48"N	80°48'39.28"E	1.94	YES	
95		Madauli pond	Madauli pond	25°39'27.45"N	80°57'18.60"E	0.48	YES	
96	Prayagraj	Mohabatganj upharhar pond	Mohabatganj upharhar pond	25°23'37.71"N	81°48'42.34"E	0.43	yes	
97		Mohabatganj pond2	Mohabatganj pond2	25°23'43.09"N	81°48'39.89"E	0.32	yes	
98		Sayyadpur	Sayyadpur	25°23'19.28"N	81°47'41.50"E	0.12		Yes

99	Kausambi	Basantpur kacchar pond	Basantpur kacchar pond	25°21'33.73"N	81°48'30.44"E	0.2	yes	
100		Basantpur kachhar pond2	Basantpur kachhar pond2	25°21'5.13"N	81°48'56.81"E	0.25	yes	
101	kanpur dehat	Rampur Taluka Asdullahpur pond	Rampur Taluka Asdullahpur pond	25°18'47.93"N	81°33'55.73"E	0.39		Yes
102	Kausambi	Aingawa kachhar pond	Aingawa kachhar pond	25°16'44.91"N	81°26'48.66"E	0.4		Yes
103		Mau pond	Mau pond	25°16'19.96"N	81°22'39.55"E	0.6		Yes
104		Sonwara pond	Sonwara pond	25°17'58.03"N	81°24'17.15"E	0.44		Yes
105		Beroucha uparhar	Beroucha uparhar	25°18'43.24"N	81°24'27.00"E	0.34		Yes
106		Pabhosa pond	Pabhosa pond	25°21'14.70"N	81°19'14.39"E	0.4		Yes
107	Chitrakoot	rajapur pond	rajapur pond	25°23'3.60"N	81° 9'8.15"E	0.41		Yes
108		beraur khadar pond	beraur khadar pond	25°23'49.18"N	81° 8'31.24"E	0.41		Yes
109		Ekdata pond	Ekdata pond	25°37'38.07"N	81° 2'37.31"E	0.45		Yes
110		Purabpalai pond	Purabpalai pond	25°15'5.14"N	81°26'58.27"E	0.51		Yes
111	Prayagraj	Mubarakpur khacchar	Mubarakpur khacchar	25°22'16.32"N	81°10'40.82"E	0.34		Yes
112		Pandua pond	Pandua pond	25°18'3.78"N	81°34'25.55"E	0.34	yes	
113		Pratappur pond	Pratappur pond	25°17'13.32"N	81°33'38.64"E	0.85	yes	
114		Bariyari kalan ahat pond	Bariyari kalan ahat pond	25°15'44.42"N	81°28'45.11"E	0.26	yes	
115		Deoria pond	Deoria pond	25°19'8.96"N	81°47'57.53"E	0.24	yes	
116		Birwal pond	Birwal pond	25°20'6.55"N	81°45'35.18"E	0.23	yes	
117		Fulwa pond	Fulwa pond	25°20'50.04"N	81°45'34.71"E	0.26		Yes

Appendix-6**Status of E-Waste Management****Status of E-waste Recycling / Collection / Generation Units in the State of U.P.
(As on 09.10.2018)**

S. No.	Name & Address of Unit	Regional Office	Status of Authorisati on	Status of Registration & Validity	Type	Capacity (T/Annum)
1	M/s Auctus -E Recycling Solutions Pvt. Ltd., F-637, M.G. Road, Industrial Area, Ghaziabad.	Ghaziabad	Grant	Registered 30.08.2019	Collection, Dismantle	1800
2	M/s Mahaluxmi Metal Alloys (India) Pvt. Ltd., Modinagar, Ghaziabad.	Ghaziabad	Grant	Registered 22.05.2023	Collection, Dismantle, Recyclers	30000
3	M/s N.K. Products, 58-59, M.G. Road, Ghaziabad.	Ghaziabad	Refused	Registered 22.06.2016	Collection, Dismantal	9000
4	M/s Bharat Oil Co., E-18, Site-IV, Sahibabad, Industrial Area, Ghaziabad.	Ghaziabad	Grant	Registered 16-05-18	Collection, Dismantal	4000
5	M/s Planet Green Recycling Pvt. Ltd., G-129, Phase -1, M.G. Road, Ghaziabad.	Ghaziabad	Grant	Registered 23.08.2018	Collection, Dismantal, Recyclers	1500
6	M/s Rocket Sales, Plot No. 1-12, I/A, M.G. Raod, Hapur.	Ghaziabad	Grant	Registered 27.08.2019	Collection,, Dismantal	300
7	M/s Arsh Recycling Pvt. Ltd., Plot No. 203, UPSDIC, I/A, M.G. Road, Ghaziabad.	Ghaziabad	Grant	Registered 20.06.2023	Collection, Dismantal, Recycling,	15000
8	M/s Auctus Recycling Solutions Pvt. Ltd.Habibpur, Greater Noida.	Greater Noida	Grant	Registered 06.12.2021	Dismantal, Collection	19500
9	M/s Khan Traders, B-5, site4, Panki Industrial Area, Kanpur.	Kanpur	Grant	Registered 15-11-2020	Collection, Dismantal	7190
10	M/s Green Tech Rcycling, Khasra No.-645, Acchraunds, Bahdaurpur Road, Partapur, Meerut .	Meerut	Grant	Registered 12.01.2022	Collection, Dismantal	1800
11	M/s Narora Atomic Power Station, Narora, Bulandshahr.	Bulandshahr	Not Applied	—	Collection' Dismantaling	10

S. No.	Name & Address of Unit	Regional Office	Status of Authorisati on	Status of Registration & Validity	Type	Capacity (T/Annum)
					& Recycling	
12	M/s Metal Alloys, E-46, Industrial Area, Ramnagar, Varanasi	Varanasi	Grant	Registered 31-05-2019	Collection	1825
13	M/s Comwen Information Technologies Pvt.Ltd., 127/35B, ChakRagunath, Naini, Allahabad.	Allahabad	Grant	Registered 11-08-2017	Collection	300
14	M/s Dasia ECo E-Waste Recyclers E-160 Industrial area, Khalilabad, SantKabairnagar.	Basti	Grant	Registered 31-12-2017	Collection, Dismantling	720
15	M/s Sims Recycling Solutions Plot no.1 Udyog KendraII Ecotech-III Greater Noida.	Greater Noida	Grant	Registered 31.12.2019	Collection, Dismental, Recycling	1250
16	M/s J.A.O. E-Waste Recycling Co, Vill- Jaitpur,Distt-Moradabad.	Moradabad	Grant	Registered 23.11.2020	Collection	3001
17	M/s HIN Green E-waste Recycling (P) Ltd, B-19/1, Summer Garden Colony, Meerut.	Meerut	Grant	Registered 12.04.2018	Collection, Dismental,	750
18	M/s S.R. Metcast India (P) Ltd 11.8 Km.Agra Mathura Road, Agra.	Agra	Grant	Registered 02.08.2022	Collection	600
19	M/s K.M. Metals Suppliers 9/270,271,Mathura Agra.	Agra	Not Applied	—	Collection	5000
20	M/s Prakash Metal House 39/223, Karwan Lohamandi,Agra.	Agra	Grant	Registered 02.05.2023	Collection	1500
21	M/s Shree MahaveerJi Trading Company, 30/127, Chippitala, Agra.	Agra	Not Applied	Reject	Collection	4500
22	M/s E-Waste Recyclers India E-50, UPSIDC Industrial area, NH-2 Kosikalan, Mahura.	Mathura	Grant	Registered 01.03.2022	Collection, Dismantle	6000
23	M/s Supar Trading Company, Plot No.-3 Govt. Industrial Estate, Talkatora Road, Lucknow.	Lucknow	Not Applied	Registered 03.04.2016	Collection	365

S. No.	Name & Address of Unit	Regional Office	Status of Authorisati on	Status of Registration & Validity	Type	Capacity (T/Annum)
24	M/s V.R. Techno Enviro Services pvt. ltd. khasra No. 440, indira Priyedarshni ward, jarhra Indira Nagar, Lucknow.	Lucknow	Not Applied	Registered 09.04.2016	Collection, Dismantle	365
25	M/s Sachin enterprises,84/1,Plot no.34-35 Fazalganj, Kanpur.	Kanpur	Grant	Registered One Time	Collection	5000 Pieces Per Annum
26	M/s Gandhi Traders, 91/103, Dalelpurwa, Kanpur.	Kanpur	Grant	Registered 04.06.2018	Collection	5000 Pieces Per Annum
27	M/s Greezon Recycling Pvt. Ltd., R 30, UPSIDC, Industrial Area, Sikandrabad, Bulandshahr.	Bulandshaha	Grant	Registered 27.08.2022	Collection Dismental, Recycling	16.5
28	M/s Sachin Enterprises, 123/751, block-T 74 pratapganj Gadariyan Purwa, Fazal gang, Kanpur.	Kanpur	Grant	Registered 16.11.2022	Collection, Dismantling, Refurbishing	2500
29	M/s Greeniva Recycler Pvt. Ltd., Plot No. G-284, M.G. Road, Industrial Area, Hapur.	Hapur	Grant	Registered 18.06.2019	Collection, Dismantling, Recycling.	1500
30	M/s S. Malik Traders, Plot No.-93, 94 Vill-Budhera Jahidpur, Meerut.	Meerut	Grant	Registered 12.01.2022	Collection, Dismantling	365
31	M/s Royal Faiz Recycling (p) Ltd. , I-22, I.A. M.G. Road, Hapur.	Ghaziabad	Grant	Registered 29.01.2023	Collection, Dismental, Recycling	12000
32	M/s 3 C Recycler, F-326, I/A, M.G. Road, Hapur.	Ghaziabad	Grant	Registered 31.12.2022	Collection, Dismental, Recycling	9000
33	M/s Life E- Recycling (P) Ltd., F- 435, UPSIDC I/A, M.G. Road, Hapur.	Ghaziabad	Grant	Registered 05.06.2023	Collection, Dismental,	9000
34	M/s Hind Recycling (P) Ltd., Plot No. F-203, M.G. Road, Hapur.	Ghaziabad	Grant	Registered 01.03.2022	Collection, Dismental,	9000

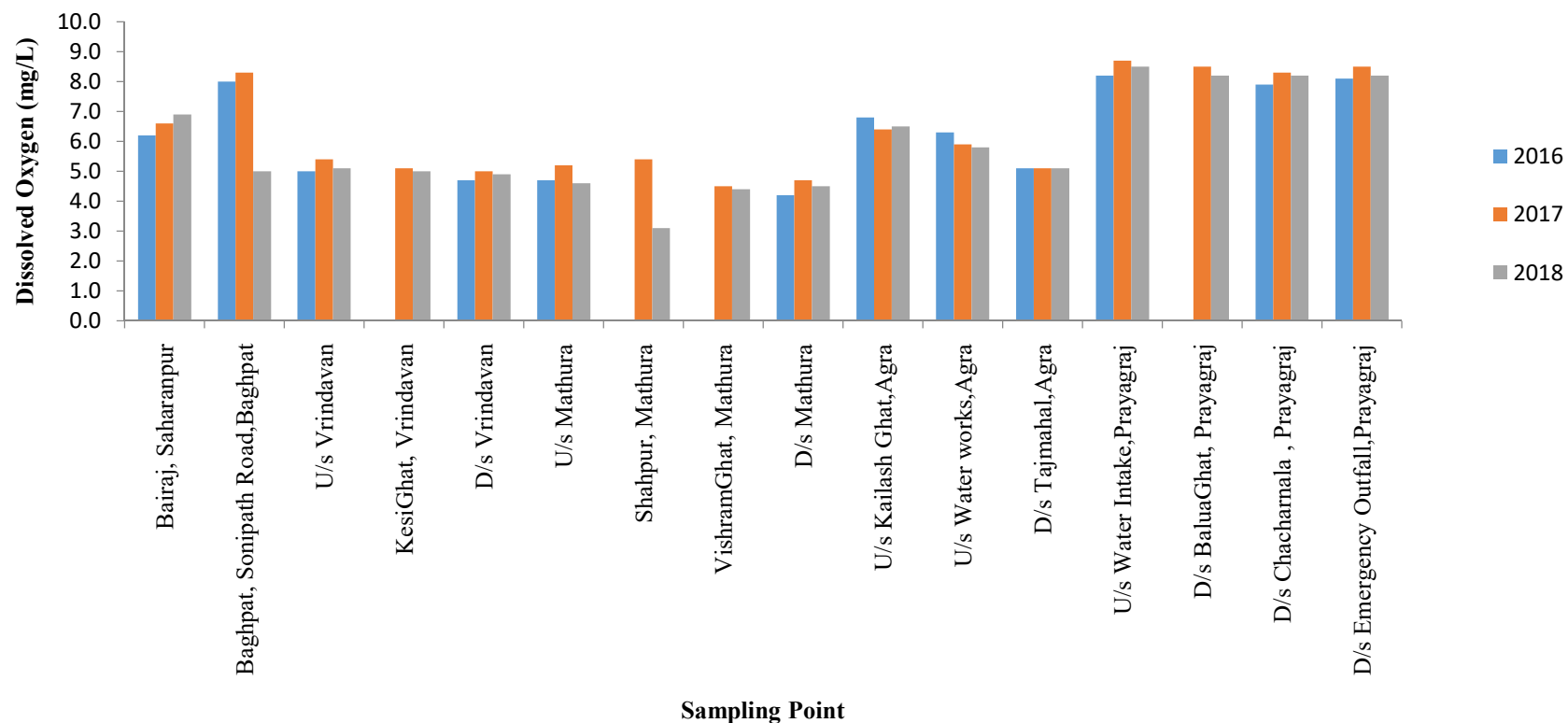
S. No.	Name & Address of Unit	Regional Office	Status of Authorisati on	Status of Registration & Validity	Type	Capacity (T/Annum)
35	M/s Hayat Recycler, F-53, 54, I/A, M.G. Road, Hapur.	Ghaziabad	Grant	Registered 21.06.2023	Collection, Dismental, Recycling	15000
36	M/s B.R.P. Infotech Private Limited, F-394, Phase-I, M.G.Road, Industrial Area, Hapur	Hapur	Grant	Registered 28.06.2023	Recycling, Dismantling, Segregation, Collection	9000 MT/Year
37	M/s Sky Green Waste Recycling Managemnt , Khasra No.- 174, Alipur Jijmana, Meerut, U.P.	Meerut	Grant	Registered 20.12.2023	Dismantling, Recycling	5475 MT/Y 4500 MT/A
38	M/s Swachh Bharat Recycling Company, Gali-N0-4, 2083, Saipuram Insutrial Area, Delhi Road, Meerut, U.P.	Meerut	Grant	Registered 08.05.2023	Recycling	4800 MT/A
39	M/s Rudra Interprises, Plot No. A- 96, Sector-A-4, Tronica City, Loni, Ghaziabad	Ghaziabad	Grant	Registered 03.05.2023	Disposal & Dismantling	500 MT/Month
40	M/s Avgree Recycling Pvt. Ltd. KH No. 549, Vill.-Tiyala, Meerut- Bulandshahr Road, Hapur Bypass, Hapur	Ghaziabad	Grant	Registered 10.09.2023	Dismantling & Segregation	11000 MT/A
41	M/s Faiz Recycling, G-235, MG Road, Industrial Area, Hapur	Ghaziabad	Grant	Registered 13.02.2024	Dismantling & Segregation	36.67 MT/Day
42	M/s Horizon Recycling Pvt. Ltd., Khasra no.-35, Kumarhera, 7th km Dehradun Road, Saharanpur, U.P.	Saharanpur	Grant	Registered 02.08.2022	Recycling, Dismantling, Segregation, Collection	12000 MT/A
43	M/s Golden Ewaste Recyclers Pvt. Ltd., Plot No.- 12A, Gagol Road, Behind Sophia School Udyog Puram, Partapur, Meerut	Meerut	Grant	Registered 01.04.2024	Transporttion, Refurbishing, Dismantling, Segregation, Storage, Disposal	9600 MT/A

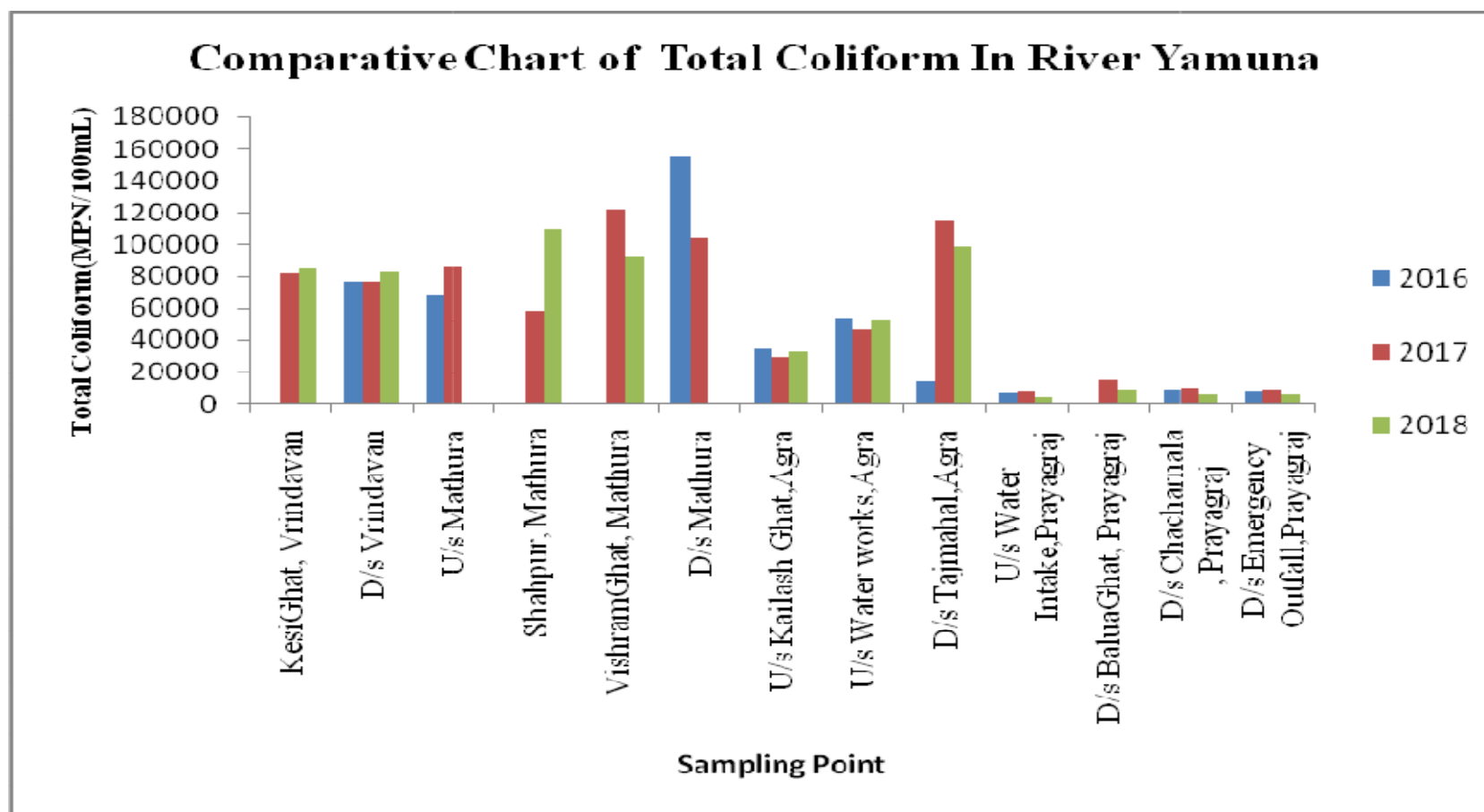
Appendix-7**River Water Quality Data****Status of River Water Quality Data****Water Quality of River Yamuna in UP Year 2016-2018**

S No	Sample Collection Point	2016			2017			2018		
		DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)
1	Bairaj, Saharanpur	6.2	1.7	253	6.6	1.9	245	6.9	1.3	—
2	Baghpat, Sonipath Road, Baghpat	8.0	1.8	—	8.3	2.0	—	5.0	6.8	—
3	U/s Vrindavan	5.0	7.9	63000	5.4	8.1	64000	5.1	9.2	—
4	KesiGhat, Vrindavan	—	—	—	5.1	7.6	81600	5.0	9.3	85083
5	D/s Vrindavan	4.7	8.4	76000	5.0	8.3	76333	4.9	9.3	82300
6	U/s Mathura	4.7	8.4	67500	5.2	9.0	85667	4.6	9.7	—
7	Shahpur, Mathura	—	—	—	5.4	7.2	57600	3.1	13.5	109250
8	VishramGhat, Mathura	—	—	—	4.5	8.1	122400	4.4	11.3	92083

9	D/s Mathura	4.2	9.3	155000	4.7	9.7	103667	4.5	11.3	—
10	U/s Kailash Ghat,Agra	6.8	11.3	34917	6.4	10.8	29833	6.5	9.8	32750
11	U/s Water works,Agra	6.3	13.7	53500	5.9	13.3	46167	5.8	12.2	52833
12	D/s Tajmahal,Agra	5.1	19.7	13916	5.1	17.5	114500	5.1	13.1	98750
13	U/s Water Intake,Prayagraj	8.2	2.4	7075	8.7	2.2	7408	8.5	1.9	4191
14	D/s BaluaGhat, Prayagraj	—	—	—	8.5	2.2	14530	8.2	2.2	8500
15	D/s Chacharnala , Prayagraj	7.9	2.6	8333	8.3	2.5	9675	8.2	2.3	6420
16	D/s Emergency Outfall,Prayagraj	8.1	2.5	7933	8.5	2.4	8630	8.2	2.2	5991

Comparative Chart of Dissolved Oxygen In River Yamuna





CLASS OF WATER AS PER IS : 2296

Classification	TYPE OF USE
ClassA	Drinking watersourcewithoutconventional treatmentbut afterdisinfection
ClassB	Outdoorbathing
ClassC	Drinking watersourcewith conventional treatment followed bydisinfection.
ClassD	Fish culture and wild life propagation
ClassE	Irrigation,industrial cooling orcontrolled waste disposal

TOLERANCE LIMITS

TABLE-1: TOLERANCE LIMITS FOR INLAND SURFACE WATERS, CLASS – A

S. No.	Characteristic	Tolerance
(1)	(2)	(3)
(i)	pH	6.5 to 8.5
(ii)	Dissolved Oxygen, mg/l,	6.0
(iii)	Bio-chemical Oxygen Demand	2.0
(iv)	Total Coliform Organisms, MPN/100 ml, Max	50
(v)	Colour, Hazen units, Max	10
(vi)	Odour	unobjectionable
(vii)	Taste	Agreeable taste
(viii)	Total Dissolved Solids, mg/l, Max	500
(ix)	Total Hardness (as CaCO ₃), mg/l, Max	300
(x)	Calcium Hardness (as CaCO ₃), mg/l, Max	200
(xi)	Magnesium (as CaCO ₃), mg/l, Max	100
(xii)	Copper (as Cu), mg/l, Max	1.5
(xiii)	Iron (as Fe), mg/l, Max	0.3
(xiv)	Manganese (as Mn), mg/l, Max	0.5
(xv)	Chlorides (as Cl), mg/l, Max	250
(xvi)	Sulphate (as SO ₄), mg/l, Max	400
(xvii)	Nitrates (as NO ₂), mg/l, Max	20
(xviii)	Fluorides (as F), mg/l, Max	1.5
(xix)	Phenolic compounds (as C ₆ H ₅ OH), mg/l, Max	0.002
(xx)	Mercury (as Hg), mg/l, Max	0.001
(xxi)	Cadmium (as Cd), mg/l, Max	0.01
(xxii)	Selenium (as Se), mg/l, Max	0.01
(xxiii)	Arsenic (as As), mg/l, Max	0.05
(xxiv)	Cyanides (as CN), mg/l, Max	0.05
(xxv)	Lead (as Pb), mg/l, Max	0.1
(xxvi)	Zinc (as Zn), mg/l, Max	15
(xxvii)	Chromium (as Cr ⁶⁺), mg/l, Max	0.05
(xxviii)	Anionic detergents, (as MBAS), mg/l, Max	0.2
(xxix)	Poly-nuclear aromatic hydrocarbons (PAH),	0.2
(xxx)	Mineral oil, mg/l, Max	0.01
(xxxi)	Barium (as Ba), mg/l, Max	1.0
(xxxii)	Silver (as Ag), mg/l, Max	0.05
(xxxiii)	Pesticides	Absent
(xxxiv)	Alpha emitters, µc/ml, Max	10 ⁻⁹
(xxxv)	Beta emitters, µc/ml, Max	10 ⁻⁸

TABLE- 2: TOLERANCE LIMITS FOR INLAND SURFACE WATERS, CLASS – B

S.	Characteristic	Tolerance Limit
(1)	(2)	(3)
(i)	pH Value	6.5 to 8.5
(ii)	Dissolved Oxygen, mg/l, Max	5.0
(iii)	Biochemical Oxygen Demand (5 days at 20 °C),	3.0
(iv)	Total Coliform Organisms, MPN/100 ml, Max	500
(v)	Fluorides (as F) <mg/l, Max	1.5
(vi)	Colour, Hazen units, Max	300
(vii)	Cyanides (as CN), mg/l, Max	0.05
(viii)	Arsenic (as As), mg/l, Max	0.2
(ix)	Phenolic Compounds (as C ₆ H ₅ OH) mg/l, Max	0.005
(x)	Chromium (as Cr ⁶⁺), mg/l, Max	1.0
(xi)	Anionic detergents (as MBAS), mg/l, Max	1.0
(xii)	Alpha emitters, µc/ml, Max	10 ⁻⁸

TABLE - 3: TOLERANCE LIMITS FOR INLAND SURFACE WATERS, CLASS – C

S.No.	Characteristic	Tolerance Limit
(1)	(2)	(3)
(i)	pH Value	6.5 to 8.5
(ii)	Dissolved Oxygen, mg/l Minimum	4.0
(iii)	Biochemical Oxygen Demand	3.0
(iv)	Total coliform organisms, MPN/100 ml, Max	5000
(v)	Colour, Hazen units, Max	300
(vi)	Fluorides (as F), mg/l, Max	1.5
(vii)	Cadmium (as Cd), mg/l, Max	0.01
(viii)	Chlorides (as Cl), mg/l, Max	600
(ix)	Chromium (as Cr ⁶⁺), mg/l, Max	0.05
(x)	Cyanides (as CN), mg/l, Max	0.05
(xi)	Total Dissolved Solids, mg/l, Max	1500
(xii)	Selenium (as Se), mg/l, Max	0.05
(xiii)	Sulphates (as SO ₄), mg/l, Max	400
(xiv)	Lead (as Pb), mg/l, Max	0.1
(xv)	Copper (as Cu), mg/l, Max	1.5
(xvi)	Arsenic (as As), mg/l, Max	0.2
(xvii)	Iron (as Fe), mg/l, Max	50
(xviii)	Phenolic compounds (as C ₆ H ₅ OH), mg/l, Max	0.005
(xix)	Zinc (as Zn), mg/l, Max	15
(xx)	Insecticides, mg/l, Max	Absent
(xxi)	Anionic detergents (as MBAS), mg/l, Max	1.0
(xxii)	Oils and grease, mg/l, Max	0.1
(xxiii)	Nitrates (as NO ₃), mg/l, Max	50
(xxiv)	Alpha emitters, µc/mg, Max	10 ⁻⁹
(xxv)	Beta emitters, µc/ml, Max	10 ⁻⁸

TABLE- 4: TOLERANCE LIMITS FOR INLAND SURFACE WATERS, CLASS – D

S.No.	Characteristic	Tolerance Limit
(1)	(2)	(3)
(i)	pH value	6.5 to 8.5
(ii)	Dissolved Oxygen, mg/l, Min.	4.0
(iii)	Free Ammonia (as N), mg/l, Max.	1.2
(iv)	Electrical Conductance at 25 °C, µS, Max	1000
(v)	Free Carbon Dioxide (as CO ₂), mg/l, Max	6.0
(vi)	Oils and Grease, mg/l, Max	0.1
(vii)	Alpha emitters, µc/ml, Max	10 ⁻⁹
(viii)	Beta emitters, µc/ml, Max	10 ⁻⁸

TABLE- 5: TOLERANCE LIMITS FOR INLAND SURFACE WATERS, CLASS – E

S.No.	Characteristic	Tolerance Limit
(1)	(2)	(3)
(i)	pH value	6.0 to 8.5
(ii)	Electrical Conductance at 25°C, µS, Max	2250
(iii)	Sodium Adsorption Ratio, Max	26
(iv)	Boron (as B), mg/l, Max	2.0
(v)	Total Dissolved Solids, (inorganic), mg/l, Max	2100
(vi)	Sulphates (as SO ₄), mg/l, Max	1000
(vii)	Chlorides (as Cl), mg/l, Max	600
(viii)	Sodium Percentage, Max	60
(ix)	Alpha emitters, µc/ml, Max	10 ⁻⁹
(x)	Beta emitters, µc/ml, Max	10 ⁻⁸

Appendix-8

MSW improvement action plan time-line for the ULBs of Department of Urban Development, UP:

S.N.	Key Activities	Timeline (In Months)								
		1	2	3	4	5	6	7	8	9
1	Policy Framework adoption (During the period the ULBs are required to adopt various rules /regulation in terms of bylaws for effective implementation of SWM rules)									
2	With adoption action plan the ULBs along the river will formulate IEC campaign (Specifically designing of promotional materials related to not only just for better waste management in the area but also making common people/institutions aware and sensitise about river pollution and its control measure for making an effective behaviour change. The first 2 months will be needed for preparing the material and widely spreading the message and then it's going to be a continuous effort for a sustained drive to make perceptible change among stakeholders.)									
3	Detail Gap Analysis of existing resources in terms of human resource/equipment/vehicles that are presently deployed and further required for full compliance of SWM rules. During the period each ULB shall prepare a detail micro plan (ward –wise) in sync with the action plan for effective implementation.									
4	Procurement of Required Material / Services after Gap Analysis									
5	Capacity Building. All the key stakeholders from senior officials to the level of safaikarmi is required to be sensitize and trained for the effective compliance of SWM rules and during the period intensive capacity building programmes shall be conducted.									
6	Identification of Land/ Building for waste processing shall be completed for all ULBs within 2 months (decentralised composting/MRF).									
7	Construction /Setting up of decentralised processing facility (composting for wet waste and MRF for dry waste) in all ULBs.									
8	Bulk waste Generators Identification and consultation/capacity building for									

	onsite Waste Management.									
9	Identification and integration of Informal Rag Pickers									
10	Segregation/ collection / transport / processing (10 percent) (by 4th month of Action Plan adoption)									
11	Segregation/ collection / transport / processing (20 percent)									
12	Segregation/ collection / transport / processing (35 percent)									
15	Segregation/ collection / transport / processing (50 percent)									
16	Segregation/ collection / transport / processing (65 percent)									
17	Segregation/ collection / transport / processing (80) percent)									
18	Segregation/ collection / transport / processing (100) percent) Within 12 months.									

Source : Urban Development Department, UP