जल शक्ति मंत्रालय
MINISTRY OF
JAL SHAKTI

सत्यमेव जयते

**MC MEHTA vs. UNION OF INDIA**

**OA. NO. 200 OF 2014**

**IN COMPLIANCE OF THE NGT ORDER DATED 05.02.2024**

**DISTRICT GANGA COMMITTEE REPORT**

NAMAMI GANGE

नमामि गंगे

**Submitted by**

**STATE OF UTTAR PRADESH**

**IN THE HON'BLE NATIONAL GREEN TRIBUNAL**

**PRINCIPAL BENCH, NEW DELHI**

**ORIGINAL APPLICATION NO. 200 OF 2014**

MC MEHTA …APPLICANT

VERSUS

UNION OF INDIA …RESPONDENT

**UTTAR PRADESH**

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जल शक्ति मंत्रालय
MINISTRY OF
JAL SHAKTI




# Report in compliance of HON'BLE NATIONAL GREEN TRIBUNAL Order date 24 January 2024 in O.A. 200/2014 MC Mehta Vs. UOI & Ors

DRAFT

**Submitted by : DISTRICT GANGA COMMITTEE**

**Bulandshahr (Uttar Pradesh)**

**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014)**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

<table>
<tr><th>S.NO</th><th>ADDITIONAL INFORMATION</th><th>ANSWER</th></tr>
<tr><td>1.</td><td>That STPs installed, are underutilised and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs.</td><td>Out of All the Seven STP’s Installed in District Bulandshahr Six STP’s are completely utilized and discharge only treated water only one STP is operating at 50% Capacity. It will operate at 100% Capacity in the second phase of Amrit Yojana.</td></tr>
<tr><td>2.</td><td>The quantification and estimation of sewage entering to each STP through sewer</td><td>
<table>
<tr><th>STP(location & capacity)</th><th>Capacity (operational)</th><th>Quantity of Sewage</th><th>Name of Drain</th></tr>
<tr><td>STP, Zone-A Anoopshahar, Bulandshahr</td><td>0.805 MLD</td><td>0.9 MLD</td><td>1. MansooriGhat, 2. Panditwali, 3. Peepalwali, JP Wali, 4. Toilet wale Road, 5. Aahara</td></tr>
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<table>
<tr><td></td><td>network or through interception and diversion of drains.</td><td>
<table>
<tr><td></td><td></td><td></td><td>Road Peepalwali, 6. LalMahadev IPS</td></tr>
<tr><td>STP, Zone-A Anoopshahar, Bulandshahr</td><td>1.5 MLD</td><td>1.4 MLD</td><td>Directly Connected with households</td></tr>
<tr><td>STP, Zone-B Anoopshahar, Bulandshahr</td><td>1.75 MLD</td><td>1.5 MLD</td><td>1. AahiroWali, 2. BavastaGanj, 3. Rani kiGardi, 4. MahalawaliGali, 5. BharorewaliGali, 6. KunjGhat</td></tr>
<tr><td>STP, Zone-A Anoopshahar, Bulandshahr</td><td>1 MLD</td><td>0.9 MLD</td><td>Directly Connected with households</td></tr>
<tr><td>STP, Zone-A Anoopshahar, Bulandshahr</td><td>4 MLD</td><td>2.4 MLD</td><td>1. Khecha Ashram 2. Ward No. 4 3. KaramDharam Ashram</td></tr>
<tr><td>STP, Zone-B Anoopshahar, Bulandshahr</td><td>2.25 MLD</td><td>1.7 MLD</td><td>Drains From the Narora Atomic Power Station Colony</td></tr>
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<tr><td>3.</td><td>the breakup of quantity of sewage fed to each STP through sewerage and drains,</td><td>
<table>
<tr><td>STP(location & capacity)</td><td>Capacity (operational)</td><td>water quality quantity Inlet</td><td>water quality quantity Outlet</td><td>Number of Tapped drains (quantity of discharge)</td><td>Final discharge point</td><td>Geo code/ sampling point</td><td>Discharge Quantity From the STP in the Drain</td></tr>
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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | STP, Zone-A Anoopshahar, Bulandshahr | 0.805 MLD | pH–7.16 BOD- 90 mg/l COD- 296.0 mg/l TSS - 234.0 mg/l | pH–7.61 BOD- 16 mg/l COD- 104.0 mg/l TSS - 58.0 mg/l FC-400 MPN/100 ml | 4 | On Land (Used for Irrigation) | ($28^0$ 22' 10.43" N & $78^0$ 15' 44.09" E) | 0.7 MLD |
| | | STP, Zone-A Anoopshahar, Bulandshahr | 1.5 MLD | pH–7.24 BOD- 112 mg/l COD- 304.0 mg/l TSS - 211.0 mg/l | pH–7.67 BOD- 22 mg/l COD- 136.0 mg/l TSS - 64.0 mg/l FC-540 MPN/100 ml | None | On Land (Used for Irrigation) | ($28^0$ 22' 11.5" N & $78^0$ 15' 47.3" E) | 1.2 MLD |
| | | STP, Zone-B Anoopshahar, Bulandshahr | 1.75 MLD | pH–7.18 BOD- 96 mg/l COD- 312.0 mg/l TSS - 198.0 mg/l | pH–7.54 BOD- 20 mg/l COD- 92.0 mg/l TSS - 67.0 mg/l FC-780 MPN/100 ml | 6 | River | ($28^0$ 20' 59.02" N & $78^0$ 16' 16.98" E) | 1.2 MLD |
| | | STP, Zone-A Anoopshahar, Bulandshahr | 1 MLD | pH–7.32 BOD- 104 mg/l COD- 336.0 mg/l TSS - 225.0 mg/l | pH–7.73 BOD- 24 mg/l COD- 132.0 mg/l TSS - 53.0 mg/l FC-350 MPN/100 ml | None | River | ($28^0$ 22' 10.43" N & $78^0$ 15' 44.09" E) | 0.8 MLD |
| | | STP, Zone-A Anoopshahar, Bulandshahr | 4 MLD | pH–7.06 BOD- 88 mg/l COD- 328.0 mg/l TSS - 207.0 mg/l | pH–7.66 BOD- 12 mg/l COD- 52.0 mg/l TSS - 43.0 mg/l FC-130 MPN/100 ml | 3 | On Land (Used for Irrigation) | ($28^0$ 22' 11.5" N & $78^0$ 15' 47.3" E) | 2 MLD |
| | | STP, Zone-B Anoopshahar, Bulandshahr | 2.25 MLD | pH–7.17 BOD- 102 mg/l COD- 344.0 mg/l TSS - 186.0 mg/l | pH–7.71 BOD- 08 mg/l COD- 40.0 mg/l TSS - 36.0 mg/l FC-240 MPN/100 ml | None | On Land (Used for Irrigation) | ($28^0$ 20' 59.02" N & $78^0$ 16' 16.98" E) | No Drains |
| | | STP, Zone-A Anoopshahar, | 40 MLD | pH–7.27 BOD- 94 | pH–7.58 BOD- 14 | (27917 Nos (53%) sewer | River | ($28^0$ 22' 10.43" N & | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Bulandshahr | | mg/l COD-368.0 mg/l TSS - 246.0 mg/l | mg/l COD-44.0 mg/l TSS - 21.0 mg/l FC-110 MPN/100 ml | house connections) | | $78^0$ 15' 44.09" E) | 19 MLD |

4. These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents ratherthan consenting them to discharge into drains with no burden on them.

| S.No. | Name and address ofindustry | Sector | DischargePoint | Environmental complyimg status(complying/non complying) |
|---|---|---|---|---|
| 1 | Chemenergy Biofuels Private Limited Plot No-35, Village Ban, PahasuChhtari Road, Tehsil shikarpur, Distt. - Bulandshahr | Biodiesel | As per the consent issued by State Board , the units are directed to reuse the treated effluent from the plant and the industries are reusing their maximum discharge. | Complying |
| 2 | Kwality Ltd. (Ramson Dairy) Vill. Mumrejpur, Tehsil Dibai, Bulandshahr | Dairy | As per the consent issued by State Board , the units are directed to reuse the treated effluent from the plant and the industries are reusing their maximum discharge. | Complying |
| 3 | VRS Foods Ltd. Unit 3 Near Old bus stand, Gulaothi, Bulandshahr | Dairy | As per the consent issued by State Board , the units are directed to reuse the treated effluent from the plant and the industries are reusing their maximum discharge. | Complying |
| 4 | VRS Foods Ltd. Unit 4 Near Old bus stand, Gulaothi, Bulandshahr | Dairy | As per the consent issued by State Board , the units are directed to reuse the treated effluent from the plant and the industries are reusing their maximum discharge. | Complying |
| 5 | Triveni Sugar Mills Pvt. Ltd. (Sugar Unit) SabitgarhKhurjaBulandshahr | Sugar | As per the consent issued by State Board , the units are directed to reuse the treated effluent from the plant and the industries are reusing their maximum discharge. | Complying |
| 6 | Triveni Sugar Mills Pvt. Ltd. (Distillery Unit)SabitgarhKhurjaBulandshahr | Distillery | ZLD | Complying |
| 7 | UP Cooperative Sugar Factories Federation Ltd, AnoopshahrJahangirabad, Bulandshahar (Distillery unit) | Distillery | ZLD | Complying |
| 8 | KisanSahkari Sugar Mills Jahangirabad, Anoopshahr, Bulandshahr | Sugar | As per the consent issued by State Board , the units are directed to reuse the treated effluent from the plant and the industries are reusing their maximum discharge. | Complying |
| 9 | Ananda Dairy Foods Pvt. Ltd. Garh Road , Siyana, Bsr | Dairy | As per the consent issued by State Board , the units are directed to reuse the treated effluent from the plant and the industries are reusing their maximum discharge. | Complying |



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|---|---|---|
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | |

| Name of Drain | Position of STP With Capacity | GEO/Coordinates | Discharge Quantity From the STP in the Drain | Total Per Day discharge from the drain into the River |
|---|---|---|---|---|
| 1. MansooriGhat, 2. Panditwali, 3. Peepalwali, JP Wali, 4. Toilet wale Road, 5. Aahara Road Peepalwali, 6. LalMahadev IPS | 0.805 MLD STP, Zone-A Anoopshahar, Bulandshahr | 28°22'10.43"N, 78°15'44.09"E | 0.7 MLD | 0.7 MLD Collected in a pond, used for Irrigation |
| Directly Connected with households | 1.5 MLD STP, Zone-A Anoopshahar, Bulandshahr | 28°22'11.5"N, 78°15'47.3"E | 1.2 MLD | 1.2 MLD Collected in a pond, used for Irrigation |
| 1. AahiroWali, 2. BavastaGanj, 3. Rani kiGardi, 4. MahalawaliGali, 5. BharorewaliGali, 6. KunjGhat | 1.75 MLD STP, Zone-B Anoopshahar, Bulandshahr | 28°20'59.02"N, 78°16'16.98"E | 1.2 MLD | 1.2 MLD Currently Discharging into River Ganga later they will use it for irrigation |
| Directly Connected with households | 1 MLD STP, Zone-BAnoopshahar, Bulandshahr | 28°21'03.6"N, 78°16'16.5"E | 0.8 MLD | 0.8 MLD Currently Discharging into River Ganga later they will use it for irrigation |
| 1. Khecha Ashram 2. Ward No. 4 | 4.0 MLD, Narora (Nagar Panchayat) | 28°12'41.3"N, | 2 MLD | 2 MLD Used for |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 3. KaramDharam Ashram | | 78°22'40.0"E | | Irrigation |
| | | Drains From the Narora Atomic Power Station Colony | 2.25 MLD, Narora (Atomic Energy) | 28°12'12.3"N, 78°22'50.2"E | No Drains | 1.2 MLD Used within the Colony for Irrigation & Other Purpose |
| | | Directly Connected with households | 40 MLD, Bulandshahr | 28.392705, 77.859889 | 19 MLD | 19 MLD Currently they are discharging in River Kali East but later they will supply all the water to THDC as per the contract with THDC |
| | | 1. MansooriGhat, 2. Panditwali, 3. Peepalwali, JP Wali, 4. Toilet wale Road, 5. Aahara Road Peepalwali, 6. LalMahadev IPS | 0.805 MLD STP, Zone-A Anoopshahar, Bulandshahr | 28°22'10.43"N, 78°15'44.09"E | 0.7 MLD | 0.7 MLD Collected in a pond, used for Irrigation |
| 6. | mention heavy metals analysis in respect of discharge from each of the drain in the report. | | | | | |

| Drain(city/ town) | Heavy metals (Fe, Cr, PB,Ar, Mn ,Cu, Zn, Hg,Fluoride etc) |
|---|---|
| Adil Nagar - 1 | Fe- 0.94<br>Cu-1.4<br>Cr – 1.2<br>Ni-0.62<br>Pb- 2.8<br>Zn- 4.4 |



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| | |
|---|---|
| Behind ChamundaMandir | Fe- 0.88<br>Cu-2.0<br>Cr – 2.0<br>Ni-ND<br>Pb- 5.6<br>Zn- 4.8 |
| Behind ShanidevMandir | Fe- 0.12<br>Cu-ND<br>Cr – ND<br>Ni-ND<br>Pb- ND<br>Zn- 2.9 |
| Chandbari Road | Fe- 0.60<br>Cu-3.5<br>Cr – 1.0<br>Ni-0.9<br>Pb- 1.9<br>Zn- 3.9 |
| CheelGhat | Fe- 1.94<br>Cu-2.06<br>Cr – 0.94<br>Ni- ND<br>Pb- 1.02 |
| Devipura | Fe- 1.02<br>Cu-0.94<br>Cr – 0.82<br>Ni-0.23<br>Pb- 1.92<br>Zn- 2.44 |
| Faislabad Road | Fe- 0.42<br>Cu-0.8<br>Cr – 1.0<br>Ni-0.06<br>Pb- 1.84<br>Zn- 3.8 |
| Gulaothi Drain | Fe- 0.59<br>Cu-2.06<br>Cr – 1.2<br>Ni-0.33<br>Pb- 1.94<br>Zn- 4.66 |

| | | | |
|---|---|---|---|
| | | Kasai Bara | Fe- 0.10<br>Cu-ND<br>Cr – ND<br>Ni-ND<br>Pb-ND<br>Zn- 2.5 |
| | | Maman Road | Fe- 0.69<br>Cu-1.09<br>Cr – 0.94<br>Ni-0.09<br>Pb- 1.08<br>Zn- 4.62 |
| | | NarsalGhat | Fe-ND<br>Cu-ND<br>Cr –ND<br>Ni-ND<br>Pb- ND<br>Zn- ND |
| | | Neem Drain | Fe- 0.55<br>Cu-2.76<br>Cr – 1.88<br>Ni-0.64<br>Pb- 0.99<br>Zn- 2.8 |

## I. Sewage

| Drain(city/town/ | Total drainc apacity | Generation/day | PH | BOD | COD | TSS | TDS | Heavymetals (Fe, Cr,PB,Ar, Mn,Cu, Zn, Hg,Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and Geocode/ Sampling point | Colour /odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adil Nagar - 1 | Continuous Flow | 11.336 | 7.7 | 80.0 | 264.0 | 125.0 | 605 | Fe- 0.94<br>Cu-1.4<br>Cr – 1.2<br>Ni-0.62<br>Pb- 2.8<br>Zn- 4.4 | 2.62 | 0 | $31*10^6$ | $21*10^6$ | F-11.336<br>28°23'46.8"N & 77°51'44.9"E | Greyish/foul | River Kali East |
| Behind ChamundaMandir | Continuous Flow | 4.899 | 7.65 | 86.0 | 208.0 | 107.0 | 448 | Fe- 0.88<br>Cu-2.0<br>Cr – 2.0<br>Ni-ND<br>Pb- 5.6<br>Zn- 4.8 | 2.73 | 0 | $35*10^6$ | $17*10^6$ | F-4.899<br>28°25'02.9"&<br>77°51'11.3"E | Greyish/foul | River Kali East |
| Behind ShanidevMandir | Continuous Flow | 3.507 | 7.58 | 104.0 | 232.0 | 113.0 | 915 | Fe- 0.12<br>Cu-ND<br>Cr – ND<br>Ni-ND<br>Pb- ND<br>Zn- 2.9 | 2.24 | 0 | $63*10^7$ | $46*10^7$ | F-3.507<br>28°24'05.3"&<br>77°51'49.9"E | Greyish/foul | River Kali East |
| Chandbari Road | Continuous | 3.085 | 7.67 | 148.0 | 388.0 | 157.0 | 906 | Fe- 0.60 | 2.77 | 0 | $49*10^7$ | $33*10^7$ | F-3.085 | Greyish/foul | River Kali East |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Flow | | | | | | | Cu-3.5<br>Cr – 1.0<br>Ni-0.9<br>Pb- 1.9<br>Zn- 3.9 | | | | | 28°22'42.7"N&<br>77°07'52.4"E | | |
| CheelGhat | Continuous Flow | 5.002 | 7.71 | 76.0 | 208.0 | 103.0 | 802 | Fe- 1.94<br>Cu-2.06<br>Cr – 0.94<br>Ni- ND<br>Pb- 1.02<br>Zn- 3.6 | 3.1 | 0 | $38*10^5$ | $26*10^{5f}$ | F-5.002<br>28°23'59.7"N&<br>77°52'02.2"E | Greyish/foul | River Kali East |
| Devipura | Continuous Flow | 2.741 | 7.69 | 106.0 | 240.0 | 125.0 | 644 | Fe- 1.02<br>Cu-0.94<br>Cr – 0.82<br>Ni-0.23<br>Pb- 1.92<br>Zn- 2.44 | 2.03 | 0 | $58*10^7$ | $31*10^7$ | F-2.741<br>28°24'35.3"N&<br>77°51'38.5"E | Greyish/foul | River Kali East |
| Faislabad Road | Continuous Flow | 12.678 | 7.73 | 112.0 | 272.0 | 163.0 | 878 | Fe- 0.42<br>Cu-0.8<br>Cr – 1.0<br>Ni-0.06<br>Pb- 1.84<br>Zn- 3.8 | 3.06 | 0 | $39*10^6$ | $33*10^6$ | F-12.678<br>28°24'29.9"N&<br>77°51'50.0"E | Greyish/foul | River Kali East |
| Gulaothi Drain | Continuous Flow | 43.843 | 7.62 | 146.0 | 368.0 | 185.0 | 740 | Fe- 0.59<br>Cu-2.06<br>Cr – 1.2<br>Ni-0.33<br>Pb- 1.94 | 2.81 | 0 | $31*10^7$ | $21*10^7$ | F-43.843<br>28°35'28.4"N&<br>77°48'06.5"E | Greyish/foul | River Kali East |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Zn- 4.66 | | | | | | | |
| Kasai Bara | Continuous Flow | 8.276 | 7.68 | 96.0 | 240.0 | 117.0 | 967 | Fe- 0.10<br>Cu-ND<br>Cr – ND<br>Ni-ND<br>Pb-ND<br>Zn- 2.5 | 2.34 | 0 | $40*10^7$ | $23*10^7$ | F-8.276<br>28°24'25.6"N&<br>77°51'43.2"E | Greyish/foul | River Kali East |
| Maman Road | Continuous Flow | 65.926 | 7.57 | 68.0 | 192.0 | 109.0 | 446 | Fe- 0.69<br>Cu-1.09<br>Cr – 0.94<br>Ni-0.09<br>Pb- 1.08<br>Zn- 4.62 | 2.71 | 0 | $49*10^5$ | $33*10^5$ | F-65.926<br>28°23'35.0"N&<br>77°51'38.5" | Greyish/foul | River Kali East |
| NarsalGhat | Continuous Flow | 3.845 | 7.60 | 90.0 | 320.0 | 155.0 | 990 | Fe-ND<br>Cu-ND<br>Cr –ND<br>Ni-ND<br>Pb- ND<br>Zn- ND | 2.85 | 0 | $41*10^7$ | $34*10^7$ | F-3.845<br>28°24'17.8"N&<br>77°51'57.4" | Greyish/foul | River Kali East |
| Neem Drain | Continuous Flow | 29.368 | 7.74 | 104.0 | 216.0 | 123.0 | 668 | Fe- 0.55<br>Cu-2.76<br>Cr – 1.88<br>Ni-0.64<br>Pb- 0.99<br>Zn- 2.8 | 2.64 | 0 | $58*10^5$ | $31*10^5$ | F-29.368<br>28°22'42.7"&<br>78°07'52.4"E | Greyish/foul | River Kali East |

The above information is to be submitted on the basis of end point sample analysis of the concerned drain

## 2.STP for treating the sewage of the drains ultimately flowing to river ganga or its tributaries

| Existing STP (location & capacity) | Capacity (operational) | Inlet/Outlet water quality & quantity | | Number of Tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP With Completion date |
|---|---|---|---|---|---|---|---|
| | | Inlet | Outlet | | | | |
| STP, Zone-A Anoopshahar, Bulandshahr | 0.805 MLD | pH–7.16<br>BOD-90 mg/l<br>COD- 296.0 mg/l<br>TSS -234.0 mg/l | pH–7.61<br>BOD- 16 mg/l<br>COD-104.0 mg/l<br>TSS - 58.0 mg/l<br>FC-400 MPN/100 ml | 7 | NO Gap | On land<br>($28^0$ 22' 10.43" N & $78^0$ 15' 44.09" E) | Mentioned in below table |
| STP, Zone-A Anoopshahar, Bulandshahr | 1.5 MLD | pH–7.24<br>BOD- 112 mg/l<br>COD- 304.0 mg/l<br>TSS - 211.0 mg/l | pH–7.67<br>BOD- 22 mg/l<br>COD-136.0 mg/l<br>TSS - 64.0 mg/l<br>FC-540 MPN/100 ml | Direct House Hold Connection | NO Gap | On land<br>($28^0$ 22' 11.5" N & $78^0$ 15' 47.3" E) | Mentioned in below table |
| STP, Zone-B Anoopshahar, Bulandshahr | 1.75 MLD | pH–7.18<br>BOD- 96 mg/l<br>COD- 312.0 mg/l<br>TSS - 198.0 mg/l | pH–7.54<br>BOD- 20 mg/l<br>COD-92.0 mg/l<br>TSS - 67.0 mg/l<br>FC-780 MPN/100 ml | 6 | NO Gap | River<br>($28^0$ 20' 59.02" N & $78^0$ 16' 16.98" E) | Mentioned in below table |
| STP, Zone-**B Anoopshahar**, Bulandshahr | 1 MLD | pH–7.32<br>BOD- 104 mg/l<br>COD- 336.0 mg/l<br>TSS - 225.0 mg/l | pH–7.73<br>BOD- 24 mg/l<br>COD-132.0 mg/l<br>TSS - 53.0 mg/l<br>FC-350 MPN/100 ml | Direct House Hold Connection | NO Gap | River<br>($28^0$ 22' 10.43" N & $78^0$ 15' 44.09" E) | Mentioned in below table |
| Narora (Nagar Panchayat) | 4 MLD | pH–7.06<br>BOD- 88 mg/l<br>COD- 328.0 mg/l<br>TSS - 207.0 mg/l | pH–7.66<br>BOD- 12 mg/l<br>COD-52.0 mg/l<br>TSS - 43.0 mg/l<br>FC-130 MPN/100 ml | 3 | NO Gap | On land<br>($28^0$ 22' 11.5" N & $78^0$ 15' 47.3" E) | Mentioned in below table |
| , Narora (Atomic Energy) | 2.25 MLD | pH–7.17<br>BOD- 102 mg/l<br>COD- 344.0 mg/l<br>TSS - 186.0 mg/l | pH–7.71<br>BOD- 08 mg/l<br>COD-40.0 mg/l<br>TSS - 36.0 mg/l<br>FC-240 MPN/100 ml | Drains from the Narora Atomic Power Station Colony | NO Gap | On land<br>($28^0$ 20' 59.02" N & $78^0$ 16' 16.98" E) | Mentioned in below table |
| **40 MLD, Bulandshahr** | 40 MLD | pH–7.27<br>BOD- 94 mg/l<br>COD- 368.0 mg/l<br>TSS - 246.0 mg/l | pH–7.58<br>BOD- 14 mg/l<br>COD-44.0 mg/l<br>TSS - 21.0 mg/l<br>FC-110 MPN/100 ml | (27917 Nos (53%) sewer house connections) | | River($28^0$ 22' 10.43" N & $78^0$ 15' 44.09" E) | Mentioned in below table |

**2.1 STP Additional Information**

| Name of Drain | Position of STP With Capacity | GEO/Coordinates | Discharge Quantity From the STP in the Drain | Total Per Day discharge from the drain into the River |
|---|---|---|---|---|
| 1. MansooriGhat, 2. Panditwali, 3. Peepalwali, JP Wali, 4. Toilet wale Road, 5. Aahara Road Peepalwali, 6. LalMahadev IPS | 0.805 MLD STP, Zone-A Anoopshahar, Bulandshahr | 28°22'10.43"N, 78°15'44.09"E | 0.7 MLD | 0.7 MLD Collected in a pond, used for Irrigation |
| Directly Connected with households | 1.5 MLD STP, Zone-A Anoopshahar, Bulandshahr | 28°22'11.5"N, 78°15'47.3"E | 1.2 MLD | 1.2 MLD Collected in a pond, used for Irrigation |
| 1. AahiroWali, 2. BavastaGanj, 3. Rani kiGardi, 4. MahalawaliGali, 5. BharorewaliGali, 6. KunjGhat | 1.75 MLD STP, Zone-B Anoopshahar, Bulandshahr | 28°20'59.02"N, 78°16'16.98"E | 1.2 MLD | 1.2 MLD Currently Discharging into River Ganga later they will use it for irrigation |
| Directly Connected with households | 1 MLD STP, Zone-BAnoopshahar, Bulandshahr | 28°21'03.6"N, 78°16'16.5"E | 0.8 MLD | 0.8 MLD Currently Discharging into River Ganga later they will use it for irrigation |
| 1. Khecha Ashram<br>2. Ward No. 4<br>3. KaramDharam Ashram | 4.0 MLD, Narora (Nagar Panchayat) | 28°12'41.3"N, 78°22'40.0"E | 2 MLD | 2 MLD Used for Irrigation |
| Drains From the Narora Atomic Power Station Colony | 2.25 MLD, Narora (Atomic Energy) | 28°12'12.3"N, 78°22'50.2"E | No Drains | 1.2 MLD<br>Used within the Colony for Irrigation & Other Purpose |
| Directly Connected with households | 40 MLD, Bulandshahr | 28.392705, 77.859889 | 19 MLD | 19 MLD Currently they are discharging in River Kali East but later they will supply all the water to THDC as per the contract with THDC |

| Proposed STP (location & capacity) | Capacity (operational) Proposed | Inlet/ Outlet water qualityquanti ty | Number of tappeddrains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/sampling point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| NPP Siyana | 4.50 MLD with Co-treatment (8.00 KLD) | Not Appliicable | Not Appliicable | Not Appliicable | Not Appliicable | Proposed |
| NPP Sikandrabad | 8.40 MLD with Co-treatment (17.00 KLD) | Not Appliicable | Not Appliicable | Not Appliicable | Not Appliicable | Proposed |
| NPP Gulaothi | 5.00 MLD with Co-treatment (9.00 KLD) | Not Appliicable | Not Appliicable | Not Appliicable | Not Appliicable | Proposed |
| NPP Dibai | 3.80 MLD with Co-treatment (6.00 KLD) | Not Appliicable | Not Appliicable | Not Appliicable | Not Appliicable | Proposed |
| NPP Jahangirabd | 6.00 MLD with Co-treatment (10 KLD) | Not Appliicable | Not Appliicable | Not Appliicable | Not Appliicable | Proposed |
| NP Aurangabad | 2.82 MLD with Co-treatment (6.00 KLD) | Not Appliicable | Not Appliicable | Not Appliicable | Not Appliicable | Proposed |
| NP Bugrasi | 1.50 MLD with Co-treatment (3.00 KLD) | Not Appliicable | Not Appliicable | Not Appliicable | Not Appliicable | Proposed |
| NP B.B Nagar | 0.97 MLD with Co-treatment (3.00 KLD) | Not Appliicable | Not Appliicable | Not Appliicable | Not Appliicable | Proposed |
| NP Chhatari | 1.20 MLD with Co-treatment (2.00 KLD) | Not Appliicable | Not Appliicable | Not Appliicable | Not Appliicable | Proposed |
| Note : Proposed STP's will be completed by Year 2025 | | | | | | |

## Hotels/Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ to operate | STP | Discharge point Geo code/ Sampling point | Action taken |
|---|---|---|---|---|
| 1. M/s Break Point, BhoorChauraha, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 2. M/s Alka Motel, BhoorChauraha, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 3. M/s Surya Lodge, Infront of Collectrate, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 4. M/s Classic Hotel, Near Exhibition Ground, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 5. M/s Shelton Hotel, BhoorChauraha, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 6. M/s Shakunt Lodge, Railway Road, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 7. M/s Amit Residency, DAV Tiraha, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 8. M/s Subhash Hotel, Khurja Bus Stand, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 9. M/s Shipra Hotel, Kala AamChauraha, Delhi Road, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 10. M/s Taj Hotel, Satha Road, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |

| | | | | |
|---|---|---|---|---|
| 11. M/s Rajdarbar Hotel, DM Road, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 12. M/s Mybar Restaurant Motibagh, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 13. M/s JS Restaurant Services Pvt Ltd., Akbarpur, Bulandshahr | CTE obtained by SPCB | NO | Through septic tank/soak pit | Notice issued |
| 14. M/s Samrat Lodge, Near Exhibition Ground, Delhi Road, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |
| 15. M/s RR Hotel & Restaurant, DM Road, Bulandshahr | No | NO | Through septic tank/soak pit | Notice issued |

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

| Total Number Of Industries | Daily effluent discharge | Treatment available (CETP/ PETP/ETP operational capacity) | Effluent quality Analysis(outlet of treatment plants) Geo code/ sampling point | GAP | Proposed/ under construction treatment project(with timeline) | Number Of defaulting units-Action taken | Industrial Solid waste generated/ Day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 09 | 3.765 MLD | ETP installed | As per under EPA standard | None | None | 02<br>(Show cause notice issued under water act)<br>Penalty imposed of Rs 260000/- & Now industries are complying | 30.51 Ton/Annum | Hazardous waste disposal through TSDF and organics waste used as manure in agriculture land |

## V. Regulation of Flood Plain Zone:

| Area-cities/towns | Notification of flood plain zone | Demarcation | Encroachment & direct discharge Geocode/sampli ngpoint | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|
| Narora,Bulandsahar | Yes | Yes | N.A. | Notice served(information is for NDLGC,Aligarh) | N.A. |
| | | | | | |

## VI. Afforestation/Plantation along the bank of River Ganga and its tributaries and their flood plain zone

| Area-cities/towns | Total plantation Geocode/sampling point | Proposed project | Timeline |
|---|---|---|---|
| Bulandshahr | 4054990 | 3567100 (Year 2024-2025) | July 2024 |
| | | | |

## वर्षकाल 2023–24 में कराये गये विभागीय वृक्षारोपण का योजनावार, विकासखण्ड वार सूचना का विवरण

| क्र0सं0 | जनपद का नाम | रेंज का नाम | विकास खण्ड | योजना का नाम | वृक्षारोपण क्षेत्र का नाम | क्षेत्रफल (है0)में | रोपित पौध (संख्या में) | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | पौध द्वारा (संख्या में) | बीज बुआन से प्राप्त पौध (संख्या में) | कुल रोपित पौध (संख्या में) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | | | अनूपशहर | सा0वा0 | मुनीशपुर वन ब्लॉक | 6.00 | 9600 | 0 | 9600 |
| 3 | | | | | सिरीरा वन ब्लॉक | 6.00 | 9600 | 0 | 9600 |
| 4 | | | | | रूढ बांगर – I | 8.00 | 6664 | 6664 | 13328 |
| 5 | | | | | रूढ बांगर – II | 8.00 | 6664 | 6664 | 13328 |
| 6 | | | | | रूढ बांगर – III | 8.00 | 6664 | 6664 | 13328 |
| 7 | | | | | रूढ बांगर – IV | 8.00 | 12800 | 0 | 12800 |
| 8 | | | | | रूढ बांगर – V | 8.00 | 12800 | 0 | 12800 |
| 9 | | | | | रूढ बांगर – VI | 8.00 | 12800 | 0 | 12800 |
| 10 | | | | | रूढ बांगर – VII | 8.00 | 12800 | 0 | 12800 |
| 11 | | | | | रूढ बांगर – VIII | 8.00 | 12800 | 0 | 12800 |
| 12 | | | | | रूढ बांगर – IX | 8.00 | 12800 | 0 | 12800 |
| 13 | | | | | रूढ बांगर – X | 8.00 | 12800 | 0 | 12800 |
| 14 | | | | | अहार वन ब्लॉक– I | 8.00 | 6664 | 6664 | 13328 |
| 15 | | | | | अहार वन ब्लॉक– II | 8.00 | 6664 | 6664 | 13328 |
| 16 | | | | | अहार वन ब्लॉक– III | 8.00 | 12800 | 0 | 12800 |
| 17 | | | | | अहार वन ब्लॉक– IV | 8.00 | 12800 | 0 | 12800 |
| 18 | | | ऊंचागांव | | फरीदा वन ब्लॉक– प्रथम | 8.00 | 6664 | 6664 | 13328 |
| 19 | | | | | फरीदा वन ब्लॉक– द्वितीय | 8.00 | 6664 | 6664 | 13328 |
| 20 | | | | | मांडू हसनगढी– प्रथम | 8.00 | 12800 | 0 | 12800 |
| 21 | | | | | मांडू हसनगढी– द्वितीय | 8.00 | 12800 | 0 | 12800 |
| 22 | | | | | मांडू हसनगढी– तृतीय | 8.00 | 12800 | 0 | 12800 |
| 23 | | बुलन्दशहर | बुलन्दशहर | सा0वा0 | मेरठ–बदायूं मार्ग किमी0 68–72 बी0बी0 | 8.00 | 12800 | 0 | 12800 |
| 24 | | | | | अपर गंगा नहर मील 131–133 आर0बी0 | 4.00 | 6400 | 0 | 6400 |
| 25 | | | | | समानान्तर नहर मील 131–133 एल0बी | 5.00 | 8000 | 0 | 8000 |
| 26 | | | शिकारपुर | | रिवाडा वन ब्लॉक | 3.00 | 7500 | 0 | 7500 |
| 27 | | | | | असावरी वन ब्लॉक | 8.00 | 20000 | 0 | 20000 |
| 28 | | | | | औरंगाबाद–चादौक ग्राम समाज प्रथम | 6.00 | 9600 | 0 | 9600 |
| 29 | | | | | औरंगाबाद–चादौक ग्राम समाज द्वितीय | 10.00 | 16000 | 0 | 16000 |
| 30 | | | लखावटी | 02 स्पे0 | लखावटी वन ब्लॉक | 6.00 | 15000 | 0 | 15000 |
| 31 | | स्याना | गुलावठी | सा0वा0 | मेरठ–बुलन्दशहर मार्ग किमी0 54–67 बी0बी0 | 3.90 | 6250 | 0 | 6250 |
| 32 | | | | | कोटा वन भूमि | 3.00 | 7500 | 0 | 7500 |
| 33 | | | सिकन्दाबाद | | सिकन्दराबाद देहात नया ग्राम समाज भूमि | 6.67 | 16762 | | 16762 |
| 34 | | | | | बुटैना ग्राम समाज | 5.50 | 13750 | 0 | 13750 |
| 35 | | खुर्जा | खुर्जा | सा0वा0 | आजमाबाद वन ब्लॉक – प्रथम | 5.00 | 12500 | 0 | 12500 |
| 36 | | | | | आजमाबाद वन ब्लॉक – द्वितीय | 5.00 | 12500 | 0 | 12500 |
| 37 | | | | कैम्पा (सी0ए) | खुर्जा जेवर मार्ग कि0मी0 5 पे। दोनों पटरी RCC | 2.00 | 200 | | 200 |
| 38 | | | अनियां | वन जमा | THDC VI | 4.000 | 10000 | 0 | 10000 |
| 39 | | | | सा0वा0 | भोगपुर वन ब्लॉक | 8.00 | 20000 | 0 | 20000 |
| 40 | | | | | | **257.07** | **414210** | **46648** | **460858** |

प्रभागीय निदेशक
सामाजिक वानिकी प्रभाग
बुलन्दशहर

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

| Area of mining Geo code/ sampling point | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases Pending In Court | Enforcement of EMGSM 2020 and Sustainable Sand mining management Guidelines 2016 |
|---|---|---|---|---|---|
| 02 | 01 | 283 | 283 | 06 | Strictly checking is done regularly by task force in the district. |
| | | | | | |

2. The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

(1) **District Ganga Protection Planat city/town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located onmain stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga(Rejuvenation, Protection and Management) Authorities Order,2016(para6and55).

(2) **Contents of the Action Plan(Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**Sewage Management**

| S.NO | | |
|---|---|---|
| 1. | Sewage generation | |
| | **For Entire District** | 78.82 MLD |
| | **Town Wise** | MLD |
| | NPP Bulandshahr | 30 |
| | NPP Anupshahr | 3.8 |
| | NPP Jahangirabad | 9.0 |
| | NPP Siana | 4.8 |
| | NPP Shikarpur | 4.5 |
| | NPP Dibai | 4.3 |
| | NPP Gualothi | 6.2 |
| | NP Aurangabad | 3.3 |
| | NP Khanpur | 1.92 |
| | NP Bugrasi | 1.5 |
| | NP Naraura | 3.0 |
| | NP B.B Nagar | 1.2 |
| | NP Pahasu | 2.8 |
| | NP Chhatari | 1.3 |
| | NP Kakod | 1.2 |

**(ii)** **Existing Sewage Treatment Capacities :**

Total Seven STP's 51.305 MLD STP in Anoopshahr, Narora &Bulandshahr

**(iii)** **Quantity of sewage is being treated (utilization capacity**

Utilization at present – 27.9 MLD out of 78.82 MLD

GAP 50.99

Sewage Treatment After Operation of all STP's at full Capacity 51.305 MLD

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

Monitroing of STP

| Sr. No. | Sampling Point | Date | pH | Colour | BOD (mg/l) | COD (mg/l) | TSS (mg/l) | TC (MPN/100ML) | TC (MPN/100 ML) |
|---|---|---|---|---|---|---|---|---|---|
| 1. | 0.805 MLD, Aahara Road, (Zone A) Anoopshahr | 19.02.2024 | 7.57 | Colourless | 18.0 | 96.0 | 54.0 | 1100.0 | 630.0 |
| 2. | 1.5 MLD (ngrba) Aahara Road, Anoopshahr | 19.02.2024 | 7.72 | Colourless | 20.0 | 108.0 | 77.0 | 1500.0 | 540.0 |
| 3. | 1.75 MLD, Near Mastram, (Zone-B) Anoopshahr | 19.02.2024 | 7.8 | Colourless | 16.0 | 80.0 | 53.0 | 920.0 | 380.0 |
| 4. | 1.0 MLD (NGRBA) Near Mastram, Anoopshahr | 19.02.2024 | 7.56 | Colourless | 24.0 | 128.0 | 79.0 | 1600.0 | 540.0 |
| 5. | 2.25 MLD, Narora (Atomic Energy) | 19.02.2024 | 7.77 | Colourless | 8.0 | 48.0 | 51.0 | 280.0 | 130.0 |
| 6. | 4.0 MLD Narora (Nagar Panchayat) | 19.02.2024 | 7.61 | Colourless | 16.0 | 84.0 | 66.0 | 540.0 | 240.0 |
| 7. | 40 MLD Bulandshahr | 19.02.2024 | 7.48 | Colourless | 10.0 | 44.0 | 38.0 | 430.0 | 280.0 |

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

In Ganga ,In Kali East, In land for irrigation

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

Connectivity of households

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

50.99 MLD

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

STP proposed of 26 MLD.(list mentioned under point 3 of Drains joining ganga and tributary)

All the drains carry domestic water (showering, cooking and washing) and rainwater, no toilet waste is discharged as all the households have septic tanks. All the ULBs are awarded with Individual Household latterine(IHHT) and ODF certificate**)**

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

- No Untreated Sewage is directly going to River Ganga
- Untreated (overflow of septic tanks, etc.) goes to River Kali East

**Drains Joining Ganga and Tributary**

S.NO

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

**12 Drains**

| Drain(city/ town) | Total drain capacity | Generation/day | pH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB,Ar, Mn ,Cu, Zn, Hg,Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and Geocode/ Sampling gpoint | Colour /odour | Discharge Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adil Nagar - 1 | Continous Flow | 11.336 | 7.7 | 80.0 | 264 | 125 | 605 | Fe- 0.94<br>Cu-1.4<br>Cr – 1.2<br>Ni-0.62<br>Pb- 2.8<br>Zn- 4.4 | 2.62 | 0 | $31*10^6$ | $21*10^6$ | F-11.336<br>28°23'46.8"N &<br>77°51'44.9"E | Greyish /foul | Kali River East |
| Behind ChamundaMandir | ContinousFlow | 4.899 | 7.65 | 86.0 | 208 | 107 | 448 | Fe- 0.88<br>Cu-2.0<br>Cr – 2.0<br>Ni-ND<br>Pb- 5.6<br>Zn- 4.8 | 2.73 | 0 | $35*10^6$ | $17*10^6$ | F-4.899<br>28°25'02.9"&<br>77°51'11.3"E | Greyish/foul | Kali River East |
| Behind ShanidevMandir | Continous Flow | 3.507 | 7.58 | 104 | 232 | 113 | 915 | Fe- 0.12<br>Cu-ND<br>Cr – ND<br>Ni-ND<br>Pb- ND<br>Zn- 2.9 | 2.24 | 0 | $63*10^7$ | $46*10^7$ | F-3.507<br>28°24'05.3"&<br>77°51'49.9"E | Greyish/foul | Kali River East |
| Chandbari Road | ContinousFlow | 3.085 | 7.67 | 148 | 388 | 157 | 906 | Fe- 0.60<br>Cu-3.5<br>Cr – 1.0<br>Ni-0.9<br>Pb- 1.9<br>Zn- 3.9 | 2.77 | 0 | $49*10^7$ | $33*10^7$ | F-3.085<br>28°22'42.7"N&<br>77°07'52.4"E | Greyish/foul | Kali River East |
| CheelGhat | ContinousFlow | 5.002 | 7.71 | 76.0 | 208 | 103 | 802 | Fe- 1.94<br>Cu-2.06<br>Cr – 0.94<br>Ni- ND | 3.1 | 0 | $38*10^5$ | $26*10^{5f}$ | F-5.002<br>28°23'59.7"N&<br>77°52'02.2"E | Greyish/foul | Kali River East |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Pb- 1.02 | | | | | | | |
| Devipura | ContinousFlow | 2.741 | 7.69 | 106.0 | 240.0 | 125.0 | 644 | Fe- 1.02<br>Cu-0.94<br>Cr – 0.82<br>Ni-0.23<br>Pb- 1.92<br>Zn- 2.44 | 2.03 | 0 | $58*10^7$ | $31*10^7$ | F-2.741<br>28°24'35.3"N&<br>77°51'38.5"E | Greyish/foul | Kali River East |
| Faislabad Road | ContinousFlow | 12.678 | 7.73 | 112.0 | 272.0 | 163.0 | 878 | Fe- 0.42<br>Cu-0.8<br>Cr – 1.0<br>Ni-0.06<br>Pb- 1.84<br>Zn- 3.8 | 3.06 | 0 | $39*10^6$ | $33*10^6$ | F-12.678<br>28°24'29.9"N&<br>77°51'50.0"E | Greyish/foul | Kali River East |
| Gulaothi Drain | ContinousFlow | 43.843 | 7.62 | 146.0 | 368.0 | 185.0 | 740 | Fe- 0.59<br>Cu-2.06<br>Cr – 1.2<br>Ni-0.33<br>Pb- 1.94<br>Zn- 4.66 | 2.81 | 0 | $31*10^7$ | $21*10^7$ | F-43.843<br>28°35'28.4"N&<br>77°48'06.5"E | Greyish/foul | Kali River East |
| Kasai Bara | ContinousFlow | 8.276 | 7.68 | 96.0 | 240 | 117 | 967 | Fe- 0.10<br>Cu-ND<br>Cr – ND<br>Ni-ND<br>Pb-ND<br>Zn- 2.5 | 2.34 | 0 | $40*10^7$ | $23*10^7$ | F-8.276<br>28°24'25.6"N&<br>77°51'43.2"E | Greyish/foul | Kali River East |
| Maman Road | ContinousFlow | 65.926 | 7.57 | 68.0 | 192.0 | 109.0 | 446 | Fe- 0.69<br>Cu-1.09<br>Cr – 0.94<br>Ni-0.09<br>Pb- 1.08<br>Zn- 4.62 | 2.71 | 0 | $49*10^5$ | $33*10^5$ | F-65.926<br>28°23'35.0"N&<br>77°51'38.5" | Greyish/foul | Kali River East |
| NarsalGhat | ContinousFlow | 3.845 | 7.60 | 90.0 | 320.0 | 155.0 | 990 | Fe-ND<br>Cu-ND<br>Cr –ND<br>Ni-ND<br>Pb- ND<br>Zn- ND | 2.85 | 0 | $41*10^7$ | $34*10^7$ | F-3.845<br>28°24'17.8"N&<br>77°51'57.4" | Greyish/foul | Kali River East |
| Neem Drain | ContinousFlow | 29.368 | 7.74 | 104.0 | 216.0 | 123.0 | 668 | Fe- 0.55<br>Cu-2.76<br>Cr – 1.88<br>Ni-0.64<br>Pb- 0.99<br>Zn- 2.8 | 2.64 | 0 | $58*10^5$ | $31*10^5$ | F-29.368<br>28°22'42.7"&<br>78°07'52.4"E | Greyish/foul | Kali River East |

**(**All the drains carry domestic water (showering, cooking and washing) and rainwater, no toilet waste is discharged as all the households have septic tanks. All the ULBs are awarded with Individual Household latterine(IHHT) and ODF certificate**)**

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

No such drains are there

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

| Sr. No. | Ulb Name | Final Discharge Point | Sewage /Grey Water | STP Capacity | STP Proposed with Capacity |
|---|---|---|---|---|---|
| 1 | NPP Bulandshahr | Kali Nadi | Sewage (After Treatment) | 40 MLD | Not Applicable |
| 2 | NPP Anoopshahr | In Ganga River | Sewage (After Treatment) | 5.06 MLD | Not Applicable |
| 3 | NP Narora | In Ganga River | Sewage (After Treatment) | 4 MLD | Not Applicable |
| 4 | NPP Siyana | NeemNadi | Only Grey Water | Not Applicable | 4.50 MLD with Co-treatment (8.00 KLD) |
| 5 | NPP Gulaothi | NeemNadi | Only Grey Water | Not Applicable | 5.00 MLD with Co-treatment (9.00 KLD) |
| 6 | NPP Dibai | ChoyiaNallah | Only Grey Water | Not Applicable | 3.80 MLD with Co-treatment (6.00 KLD) |
| 7 | NPP Shikarpur | Kali Nadi | Only Grey | Not Applicable | .. |

| | | | | | |
|---|---|---|---|---|---|
| | | | Water | | |
| 8 | NPP Jahangirabd | NeemNadi | Only Grey Water | Not Applicable | 6.00 MLD with Co-treatment (10 KLD) |
| 9 | NP Aurangabad | NeemNadi | Only Grey Water | Not Applicable | 2.82 MLD with Co-treatment (6.00 KLD) |
| 10 | NP Bugrasi | In ULB Pond | Only Grey Water | Not Applicable | 1.50 MLD with Co-treatment (3.00 KLD) |
| 11 | NP B.B Nagar | In ULB Pond | Only Grey Water | Not Applicable | 0.97 MLD with Co-treatment (3.00 KLD) |
| 12 | NP Chhatari | In ULB Pond | Only Grey Water | Not Applicable | 1.20 MLD with Co-treatment (2.00 KLD) |
| 13 | NP Kakod | In ULB Pond | Only Grey Water | Not Applicable | .. |
| 14 | NP Pahasu | Kali Nadi | Only Grey Water | Not Applicable | .. |
| 15 | NP Khanpur | In ULB Pond | Only Grey Water | Not Applicable | .. |
| **Note** -All the drains carry domestic water (showering, cooking and washing) and rainwater, no toilet waste is discharged as all the households have septic tanks. All the ULBs are awarded with Individual Household latterine(IHHT) and ODF certificate | | | | | |

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

| S.NO | | |
|---|---|---|
| 1. | Status of Septage management (with reference to FSTP/STP): | **FSTP 35 KLD** |
| 2. | Management of Grey water and its disposal: | **Used for Irrigation** |

**Industrial Pollution Control**

| S.NO | | |
|---|---|---|
| 1. | Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs | **09 Industries** |
| | **Town Wise** | |
| | Shikarpur | **01** |
| | Debai | **01** |
| | Gualothi | **02** |
| | Khurja | **02** |
| | Anoopshahr | **02** |
| | Siyana | **01** |

| S.No. | Name and address of industry | Sector | Status of ETP (installed/not installed) | Final Discharge | Operational Status | Environmental complyimg status(complying/non complying) |
|---|---|---|---|---|---|---|
| 1 | Chemenergy Biofuels Private Limited Plot No-35, Village Ban, PahasuChhtari Road, Tehsil shikarpur, Distt. - Bulandshahr | Biodiesel | Installed | Kali River | Operational | Complying |
| 2 | Kwality Ltd. (Ramson Dairy) | Dairy | Installed | Kali River | Operational | Complying |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Vill. Mumrejpur, Tehsil Dibai, Bulandshahr | | | | | |
| 3 | VRS Foods Ltd. Unit 3 Near Old bus stand, Gulaothi, Bulandshahr | Dairy | Installed | Kali River | Operational | Complying |
| 4 | VRS Foods Ltd. Unit 4 Near Old bus stand, Gulaothi, Bulandshahr | Dairy | Installed | Kali River | Operational | Complying |
| 5 | Triveni Sugar Mills Pvt. Ltd. (Sugar Unit) SabitgarhKhurjaBulandshahr | Sugar | Installed | Kali River | Operational | Complying |
| 6 | Triveni Sugar Mills Pvt. Ltd. (Distillery Unit)SabitgarhKhurjaBulandshahr | Distillery | Installed | Kali River | Operational | Complying |
| 7 | UP Cooperative Sugar Factories Federation Ltd, AnoopshahrJahangirabad, Bulandshahar (Distillery unit) | Distillery | Installed | Kali River | Operational | Complying |
| 8 | KisanSahkari Sugar Mills Jahangirabad, Anoopshahr, Bulandshahr | Sugar | Installed | Kali River | Operational | Complying |
| 9 | Ananda Dairy Foods Pvt. Ltd. Garh Road , Siyana, Bsr | Dairy | Installed | Kali River | Operational | Complying |

**Water Quality Status**

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

| Sl. No. | Name of Sampling Point (Kali River East) | Date | Colour (Hz.) | pH | DO (mg/l) | BOD (mg/l) | COD (mg/l) | TC(MPN/ 100ml) | FC(MPN/ 100ml) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | U/S Devipura, BSR | 06.02.2024 | 30 | 7.74 | Nil | 46.0 | 136.0 | 3400000.0 | 2700000.0 |
| 2 | D/s Mohan Kuteer, BSR | 06.02.2024 | 30 | 7.63 | Nil | 40.0 | 120.0 | 3200000.0 | 2200000.0 |
| | | | | | | | | | |
| 3 | U/S Devipura, BSR | 13.02.2024 | 30 | 7.61 | Nil | 50.0 | 152.0 | 4300000.0 | 2800000.0 |
| 4 | D/s Mohan Kuteer, BSR | 13.02.2024 | 30 | 7.53 | Nil | 46.0 | 128.0 | 3300000.0 | 2100000.0 |
| | | | | | | | | | |
| 5 | U/S Devipura, BSR | 20.02.2024 | 30 | 7.86 | Nil | 62.0 | 168.0 | 3900000.0 | 3300000.0 |
| 6 | D/s Mohan Kuteer, BSR | 20.02.2024 | 30 | 7.74 | Nil | 56.0 | 152.0 | 3200000.0 | 2600000.0 |
| | | | | | | | | | |
| 7 | U/S Devipura, BSR | 27.02.2024 | 30 | 7.82 | Nil | 58.0 | 144.0 | 4900000.0 | 3400000.0 |
| 8 | D/s Mohan Kuteer, BSR | 27.02.2024 | 30 | 7.72 | Nil | 54.0 | 128.0 | 4700000.0 | 2800000.0 |

| Sl. No. | Name of Sampling Point (Ganga River) | Date | Colour (Hz.) | pH | DO (mg/l) | BOD (mg/l) | COD (mg/l) | TC(MPN/ 100ml) | FC(MPN/ 100ml) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | U/s Anoopshahr | 06.02.2024 | 10 | 7.34 | 10.0 | 1.4 | 12.0 | 280.0 | 130.0 |
| 2 | D/s Anoopshahr | 06.02.2024 | 10 | 7.28 | 9.7 | 1.5 | 12.0 | 920.0 | 280.0 |
| 3 | Rajghat, Narora | 06.02.2024 | 10 | 7.25 | 9.6 | 1.6 | 12.0 | 1100.0 | 790.0 |
| 4 | U/s Anoopshahr | 13.02.2024 | 10 | 7.12 | 9.4 | 1.3 | 10.0 | 430.0 | 220.0 |
| 5 | D/s Anoopshahr | 13.02.2024 | 10 | 7.15 | 9.8 | 1.0 | 10.0 | 350.0 | 170.0 |
| 6 | Rajghat, Narora | 13.02.2024 | 10 | 7.17 | 9.2 | 1.1 | 12.0 | 430.0 | 280.0 |
| 7 | U/s Anoopshahr | 20.02.2024 | 10 | 7.31 | 9.4 | 1.2 | 8.0 | 170.0 | 110.0 |
| 8 | D/s Anoopshahr | 20.02.2024 | 10 | 7.29 | 9.1 | 1.4 | 12.0 | 350.0 | 210.0 |
| 9 | Rajghat, Narora | 20.02.2024 | 10 | 7.26 | 8.9 | 1.8 | 10.0 | 920.0 | 540.0 |
| 10 | U/s Anoopshahr | 27.02.2024 | 10 | 7.11 | 9.5 | 1.6 | 12.0 | 430.0 | 220.0 |
| 11 | D/s Anoopshahr | 27.02.2024 | 10 | 7.15 | 9.7 | 1.5 | 8.0 | 350.0 | 210.0 |
| 12 | Rajghat, Narora | 27.02.2024 | 10 | 7.18 | 9.3 | 1.8 | 10.0 | 1100.0 | 790.0 |

| Designated-Best-Use | Class of water | Criteria |
|---|---|---|
| Drinking Water Source without conventional treatment but after disinfection | A | • Total Coliforms Organism MPN/100ml shall be 50 or less<br>• pH between 6.5 and 8.5<br>• Dissolved Oxygen 6mg/l or more<br>• Biochemical Oxygen Demand 5 days 20C 2mg/l or less |
| Outdoor bathing (Organised) | B | • Total Coliforms Organism MPN/100ml shall be 500 or less pH between 6.5 and 8.5 Dissolved Oxygen 5mg/l or more<br>• Biochemical Oxygen Demand 5 days 20C 3mg/l or less |
| Drinking water source after conventional treatment and disinfection | C | • Total Coliforms Organism MPN/100ml shall be 5000 or less pH between 6 to 9 Dissolved Oxygen 4mg/l or more<br>• Biochemical Oxygen Demand 5 days 20C 3mg/l or less |
| Propagation of Wild life and Fisheries | D | • pH between 6.5 to 8.5 Dissolved Oxygen 4mg/l or more<br>• Free Ammonia (as N) 1.2 mg/l or less |
| Irrigation, Industrial Cooling, Controlled Waste disposal | E | • pH betwwn 6.0 to 8.5<br>• Electrical Conductivity at 25C micro mhos/cm Max.2250<br>• Sodium absorption Ratio Max. 26<br>• Boron Max. 2mg/l |
| | Below-E | Not Meeting A, B, C, D & E Criteria |

- NOTE- THE WATER QUALITY OF GANGA RIVER PERTAINS TO CLASS B STANDARD, HENCE THE WATER IS FIT FOR BATHING
- KALI RIVER IS NOT FIT FOR BATHING

**Notification of Flood Plain Zones**

- UP State Government Order 17.10.2018 has been issued declaring no development /no construction within 100 meter of Ganga River on both sides from bijnore to Kanpur
- Total 244 Pillar consisting of regulatory and no construction pillar has been constructed with ensures demarcation of flood plain Zone

**Issues Relating to Environmental Flow**

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

| Sr. No. | Location of Barrage | Minimum flow releasing downstream near to barrage (in Cumec) (October to May) | Minimum flow releasing downstream near to barrage (in Cumec) (June to September) |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 1 | Bheem Gauda (Haridwar) | 36 | 57 |
| 2 | Bijnor | 24 | 48 |

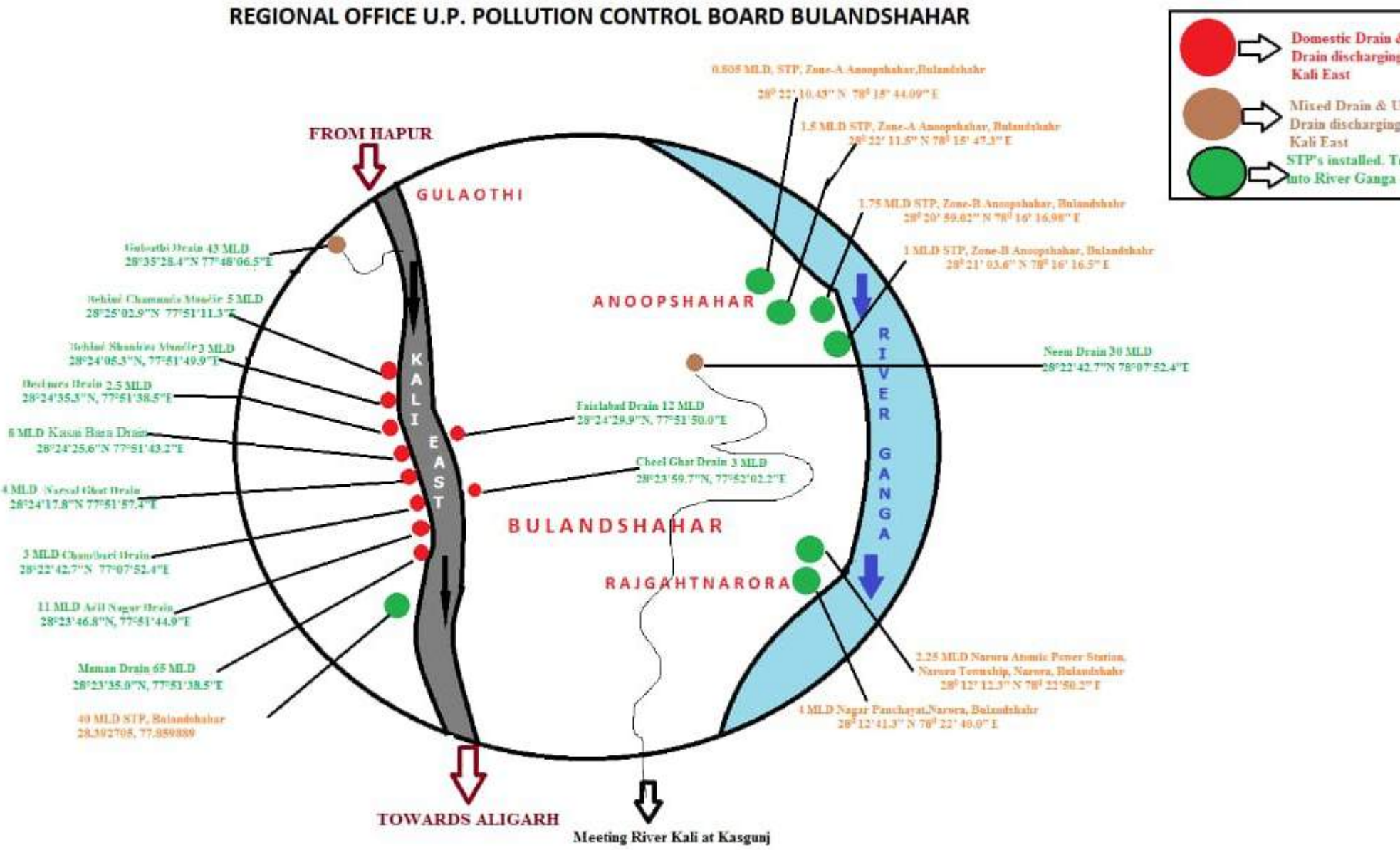
1. Compliance of E-flow notification by Northern Division Ganga Canal (NDGC) Roorkee at Bheem Gauda Barrage Haridwar U.K. in daily Gauge register.
2. 36 Cumec Water release from Bheem Gauda Barrage Haridwar U.K.
3. 24 Cumec Water release from Madhya Ganga Barrage Bijnor UP

**Few Best Practices Adopted In District**

- All the major polluting industries have online monitoring system for monitoring the water quality parameters of treated effluent discharge, which is continuously monitored by control room at Head Quarters UPPCB, Lucknow.
- At present all distillery units in Bulandshahr are Operating slop boilers for disposal of spent wash. All the distilleries are at ZLDs (Zero Liquid Discharge)
- All sugar Industries have achieved 100% utilization of treated water in Recycling processs/ for use in Irrigation on Agricultural Land.
- Turtle Conservation Program by Forest department in coordination with WWF-India
- Natural Farming/Organic farming are conducted along the bank of River Ganga, which prevents River Ganga from contamination of pesticides
- 32 Ganga Gram Sewa Samiti are formed by District Panchayat Raj Office to make people aware about the importance of River Ganga and to maintain the aesthetic value of River Ganga.
- All the ULBs in District are awarded with Individual Household latterine (IHHT) and ODF certificate. This reduces pollution load on our rivers.

01/4/24

**Chandra Prakash Singh (IAS)**
District Magistrate/Chairman
District Ganga, Committee, Bulandshahr(UP)


REGIONAL OFFICE U.P. POLLUTION CONTROL BOARD BULANDSHAHAR
Domestic Drain &
Drain discharging
Kali East
Mixed Drain & U
Drain discharging
Kali East
STP's installed. T
into River Ganga
0.605 MLD, STP, Zone-A Anoopshahar,Bulandshahr
28° 22' 10.43" N 78° 15' 44.09" E
1.5 MLD STP, Zone-A Anoopshahar, Bulandshahr
28° 22' 11.5" N 78° 15' 47.3" E
1.75 MLD STP, Zone-B Anoopshahar, Bulandshahr
28° 20' 59.02" N 78° 16' 16.98" E
1 MLD STP, Zone-B Anoopshahar, Bulandshahr
28° 21' 03.6" N 78° 16' 16.5" E
FROM HAPUR
GULAOTHI
Gulaothi Drain 43 MLD
28°35'28.4"N 77°48'06.5"E
Behind Chamunda Mandir 5 MLD
28°25'02.9"N 77°51'11.3"E
Behind Shankriya Mandir 3 MLD
28°24'05.3"N, 77°51'49.9"E
Dashmes Drain 2.5 MLD
28°24'35.3"N, 77°51'38.5"E
8 MLD Kasai Bana Drain
28°24'25.6"N 77°51'43.2"E
4 MLD Nawal Ghat Drain
28°24'17.8"N 77°51'57.4"E
3 MLD Chambari Drain
28°22'42.7"N 77°07'52.4"E
11 MLD Adil Nagar Drain
28°23'46.8"N, 77°51'44.9"E
Maman Drain 65 MLD
28°23'35.0"N, 77°51'38.5"E
40 MLD STP, Bulandshahar
28.392705, 77.859889
KALI EAST
ANOOPSHAHAR
RIVER GANGA
Neem Drain 30 MLD
28°22'42.7"N 78°07'52.4"E
Faizlabad Drain 12 MLD
28°24'29.9"N, 77°51'50.0"E
Cheel Ghat Drain 3 MLD
28°23'59.7"N, 77°52'02.2"E
BULANDSHAHAR
RAJGAHTNARORA
2.25 MLD Narora Atomic Power Station,
Narora Township, Narora, Bulandshahr
28° 12' 12.3" N 78° 22' 50.2" E
1 MLD Nagar Panchayat,Narora, Bulandshahr
28° 12' 41.3" N 78° 22' 40.0" E
TOWARDS ALIGARH
Meeting River Kali at Kasgunj

**Report in**

**Compliance of Hon'ble NGT order**

**dt. 24th January 2024 and 5th February 2024 in**

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

Submitted By-

District Ganga Committee

District-Ballia,Uttar Pradesh

**District-Ballia**

**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014)**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| 1. | That STPs installed, are under utilised and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs. | 20 MLD STP is under construction. |
| 2. | The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains. | At present, the STP with treatment capacity of 20 MLD is under construction. |
| 3. | the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | Not applicable. The geo cordinates of under construction. STP are lat.25.79626, long. 84.15524 |
| 4. | These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them. | In Ballia there is only one industry named SHIVA AND SON'S AGRO PRODUCTS KHARUAON,RASRA,BALLIA-221712. Effluent Treatment Plant (ETP) has been established. Industry does not discharge any effluent in any drain. Industry utilizes/recycles total treated effluent in the industry premises. |

| | | |
|---|---|---|
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | At present, the STP with treatment capacity of 20 MLD is under construction. |
| 6. | mention heavy metals analysis in respect of discharge from each of the drain in the report. | Katahal Drain heavy metal.<br>Total Chromium-ND<br>Copper-ND<br>Lead-0.1070 mg/l<br>Iron-13.0750 mg/l<br>Zinc-0.0683 mg/l<br>Total Fixed Solid-590 mg/l<br>Manganese-0.5747 mg/l<br>Arsenic-0.012 mg/l<br>Mercury-ND |

| I. Sewage | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Drain (City/ town)** | **Total Drain Capacity** | **Generation/day** | **PH** | **BOD** | **COD** | **TSS** | **TDS** | **Heavy metals (Fe, Cr, PB,Ar, Mn, Cu, Zn, Hg, Fluoride etc)** | **Nitrates** | **DO** | **TC** | **FC** | **Outlet flow** | **Colour/odour** | **discharged into** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** |
| Katahal Nala, Ballia | 16.12 MLD | 16.12 MLD | 7.1 | 28.0 mg/L | 116.0 mg/L | 82.0 mg/L | 788.0 mg/L | Chloride-170.0 mg/l<br>Fluoride-0.79 mg/l<br>Total Chromium-ND<br>Copper-ND<br>Lead-0.1070 mg/l<br>Iron-13.0750 mg/l<br>Zinc-0.0683 mg/l<br>Total Fixed Solid-590 mg/l<br>Manganese-0.5747 mg/l<br>Arsenic-0.012 mg/l<br>Mercury-ND | 4.48 mg/L | Nil | 1600000 MPN/100ml | 920000 MPN/100 ml | 16.12 MLD | 30 Hazen | Ganga |
| Surha Tal Ballia | N.A. | N.A. | 7.34 | 4.35 mg/L | 23.2 mg/L | 58.0 mg/L | 284.0 mg/L | Chloride-62.0 mg/l<br>Fluoride-0.639 mg/l<br>Total Chromium-ND<br>Copper-ND<br>Lead-0.0306 mg/l<br>Iron-1.0334 mg/l<br>Zinc-0.0281 mg/l<br>Total Fixed Solid-248.0 mg/l<br>Manganese-0.4770 mg/l<br>Arsenic-0.004 mg/l<br>Mercury-ND | ND | 5.78 mg/L | 790000 MPN/100ml | 490000 MPN/100 ml | N.A. | 30 Hazen | Ganga |
| River Ganga at Mahaveer Ghat | N.A. | N.A. | 7.52 | 3.72 mg/L | 17.4 mg/L | 36.0 mg/L | 318.0 mg/L | Chloride-8.0 mg/l<br>Fluoride-0.510 mg/l<br>Total Chromium-ND<br>Copper-ND<br>Lead-ND<br>Iron-0.8025 mg/l<br>Zinc-0.0158 mg/l<br>Total Fixed Solid-254.0 mg/l<br>Manganese-0.1138 mg/l<br>Arsenic-ND<br>Mercury-ND | ND | 6.20 mg/L | 7800 MPN/100ml | 4500 MPN/100 ml | N.A. | 20 Hazen | Ganga |
| Baghar River near Raniganj, Bairia, Ballia | N.A. | N.A. | 6.89 | 22.0 mg/L | 110.0 mg/L | 64.0 mg/L | 832.0 mg/L | Chloride-74.0 mg/l<br>Fluoride-0.539 mg/l<br>Total Chromium-ND<br>Copper-ND<br>Lead-0.1834 mg/l<br>Iron-14.4425 mg/l<br>Zinc-0.7199 mg/l<br>Total Fixed Solid-586.0 mg/l<br>Manganese-0.8890 mg/l<br>Arsenic-0.014mg/l<br>Mercury-ND | 0.149 mg/l | Nil | 11000 MPN/100ml | 4500 MPN/100 ml | N.A. | 30 Hazen | Ghaghara/ Saryu |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Saryu River Majhi Ghat, Ballia (Ghaghara & Saryu River is same) | N.A. | N.A. | 7.12 | 2.4 mg/L | 13.8 mg/L | 42.0 mg/L | 236.0 mg/L | Chloride-18.0 mg/l<br>Fluoride-0.081 mg/l<br>Total Chromium-ND<br>Copper-ND<br>Lead-ND<br>Iron-1.4774 mg/l<br>Zinc-0.0188 mg/l<br>Total Fixed Solid-198.0 mg/l<br>Manganese-0.1068 mg/l<br>Arsenic-ND<br>Mercury-ND | ND | 7.37 mg/l | 3200 MPN/100ml | 780 MPN/100 ml | N.A. | 20 Hazen | Ganga |
| Lakra River, Ballia | N.A. | N.A. | 7.20 | 8.0 mg/l | 36.8 mg/l | 44.0 mg/l | 294.0 mg/l | Chloride-22.0 mg/l<br>Fluoride-0.446 mg/l<br>Total Chromium-ND<br>Copper-ND<br>Lead-0.0306 mg/l<br>Iron-1.5307 mg/l<br>Zinc-0.0621 mg/l<br>Total Fixed Solid-236.0 mg/l<br>Manganese-0.5957 mg/l<br>Arsenic-0.005 mg/l<br>Mercury-ND | ND | 6.47 mg/l | 1400 MPN/100ml | 450 MPN/100 ml | N.A. | 30 Hazen | Ganga |

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

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 8 |
| At present there is no existing STP in district Ballia | Zero (Since there is no STP in Ballia.) | Zero (Since there is no STP in Ballia.) | No tapped drains | 14.67 MLD | As there is no existing STP, there is no discharge point | A STP of treatment capacity 20 MLD (lat. 25.79626, long. 84.15524), marked as Rectangle in Red colour on map, is proposed to be constructed at Katahal Drain in Chhodhar Village. 0.948 hectare land has already been acquired for the construction of this proposed STP.The Sewage from house hold will be conveyed through these sewer lines at S.P.S (sewage pumping stations).There are two SPS under this project. the sewage collected at these SPSs will then be pumped to the STP for treatment .The timeline for the execution of works of STP construction and cleaning of previously laid sewer lines is prepared. The work is already begun and it is likely to be completed by 15th May 2025.<br>As per the proposed timelines, the following milestones are/ are to be achieved.<br>1. Man power, tool and plant have been mobilised |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | and soil testing and SBR designing is completed.<br>2. The existing sewer lines are being checked. 6.00 K.M. out of 57.00 kms has been desilted and all will be rehabilitated by the end of December 2024.<br>3. The construction work of STP with treatment capacity of 20 mld has started and will be completed by February 2025.<br>4. In the due course, the supply of the E&M equipment will be procured and the same will be installed by 15th of February 2025.<br>5. The plant will be commissioned and all components will be under trial run thereafter till 15th of May 2025.<br>Against the proposed timeline, the work is already awarded to M/s R. K. Engineers Sales Ltd., Lucknow, U.P. JV Anand Construwell Pvt. Ltd.,Nasik, Maharashtra. The firm has mobilized the manpower and the site clearance work is Completed. The site survey for STP is done, the BEP (Basic Engineering Package) drawings have been approved and design of SBR basin is also completed and construction work is in progress. The timelines are being adhered to.<br>As stated, previously laid 57.00 kms of sewer line will be rehabilitated under the sanctioned project ( work in progress). This 57.00 kms of sewer line will cover around 14342 households, out of total present projected households i.e. 27171. Thus, from these connected households around 7.74 mld of sewage will be conveyed to and consequently treated at the STP after the construction of STP gets completed. For balance households, (around 12829) and balance sewerline (around 74 kms), the proposal (PFR) is being prepared and the works will be executed after the due approval. Till the time the saturation of sewerage system is attained by completing the balance housheols connections, the septage ( faecal matter) from the balance households will be treated at the co-treatment facility that is being built (25 kld capacity) along with the 20 mld STP. |

**2.1 STP ADDITIONAL INFORMATION**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/COOR DINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| 1. Drain behind DM House(near Parmandapur puliya) | At present the construction of STP is under process which is executed by Jal Nigam Urban, Ballia. STP is likely to be completed by 15th May 2025.The bioremediation is under process, the coordinates of bioremediation plant is 25.765063° and 84.139689° | 25.765063° 84.139689° | The construction of STP is under process which is being executed by Up Jal Nigam (Urban), Ballia. | This drain meets with katahal drain and its discharge is approx 2.74 MLD. |
| 2. Drain near Baheri puliya | At present the construction of STP is under process which is executed by Jal Nigam Urban, Ballia. STP is likely to be completed by 15th May 2025. The Bioremediation is under process. the coordinates of bioremediation plant is25.757159°and 84.144956° | 25.757159° 84.144956° | The construction of STP is under process which is being executed by Up Jal Nigam (Urban) | This drain meets with katahal drain and its discharge is approx 1.28 MLD. |
| 3. Drain near Mansha Baba temple | At present the construction of STP is under process which is executed by Jal Nigam Urban, Ballia. STP is likely to be completed by 15th May 2025. The Bioremediation is under process. the coordinates of bioremediation plant is25.751323°and 84.144345° | 25.751323° 84.144345° | The construction of STP is under process which is being executed by Up Jal Nigam (Urban) | This drain meets with katahal drain and its discharge is approx 0.95 MLD. |
| 4. Drain near Vijayipur puliya | At present the construction of STP is under process which is executed by Jal Nigam Urban, Ballia. STP is likely to be completed by 15th May 2025. The Bioremediation is under process. the coordinates of bioremediation plant is 25.765063° and 84.139689° | 25.747626° 84.145293° | The construction of STP is under process which is being executed by Up Jal Nigam (Urban) | This drain meets with katahal drain and its discharge is approx 0.45 MLD. |
| 5. Bankata Drain | At present the construction of STP is under process which is executed by Jal Nigam Urban, Ballia. STP is likely to be completed by 15th May 2025. The Bioremediation is under process. the coordinates of bioremediation plant is 25.751470°and 84.151717° | 25.751470° 84.151717° | The construction of STP is under process which is being executed by Up Jal Nigam (Urban) | This drain meets with katahal drain and its discharge is approx 0.86 MLD. |

| | | | | |
|---|---|---|---|---|
| 6. Dedua Drain | At present the construction of STP is under process which is executed by Jal Nigam Urban, Ballia. STP is likely to be completed by 15th May 2025. The Bioremediation is under process, the coordinates of bioremediation plant is 25.753243°and 84.157240° | 25.753243° 84.157240° | The construction of STP is under process which is being executed by Up Jal Nigam (Urban) | This drain meets with katahal drain and its discharge is approx 8.75 MLD. |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water & quality quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment ) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| A STP of treatment capacity 20 MLD (lat. 25.79626, long. 84.15524) is proposed to be constructed at Katahal Drain in Chhodhar Village.. | As there is no existing STP | As there is no existing STP | As there is no existing STP | 14.67 MLD | As there is no existing STP, there is no discharge point | A STP of treatment capacity 20 MLD (lat. 25.79626, long. 84.15524), marked as Rectangle in Red colour on map, is proposed to be constructed at Katahal Drain in Chhodhar Village. 0.948 hectare land has already been acquired for the construction of this proposed STP.The Sewage from house hold will be conveyed through these sewer lines at S.P.S (sewage pumping stations).There are two SPS under this project. the sewage collected at these SPSs will then be pumped to the STP for treatment .The timeline for the execution of works of STP construction and cleaning of previously laid sewer lines is prepared. The work is already begun and it is likely to be completed by 15th May 2025.<br>As per the proposed timelines, the following milestones are/ are to be achieved.<br>1. Man power, tool and plant have been mobilised and soil testing and SBR designing is completed.<br>2. The existing sewer lines are being checked. 6.00 K.M. out of 57.00 kms has been desilted and all will be rehabilitated by the end of December 2024.<br>3. The construction work of STP with treatment capacity of 20 mld has started and will be completed by February 2025.<br>4. In the due course, the supply of the E&M equipment will be procured and the same will be installed by 15th of February 2025.<br>5. The plant will be commissioned and all components will be under trial run thereafter till 15th of May 2025.<br>Against the proposed timeline, the work is already awarded to M/s R. K. Engineers Sales Ltd., Lucknow, U.P. JV Anand Construwell Pvt. Ltd.,Nasik, Maharashtra. The firm has mobilized the manpower and the site clearance work is Completed. The site survey for STP is done, the BEP (Basic Engineering Package) drawings have been |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | approved and design of SBR basin is also completed and construction work is in progress. The timelines are being adhered to. As stated, previously laid 57.00 kms of sewer line will be rehabilitated under the sanctioned project ( work in progress). This 57.00 kms of sewer line will cover around 14342 households, out of total present projected households i.e. 27171. Thus, from these connected households around 7.74 mld of sewage will be conveyed to and consequently treated at the STP after the construction of STP gets completed. For balance households, (around 12829) and balance sewerline (around 74 kms), the proposal (PFR) is being prepared and the works will be executed after the due approval. Till the time the saturation of sewerage system is attained by completing the balance housholds connections, the septage ( faecal matter) from the balance households will be treated at the co-treatment facility that is being built (25 kld capacity) along with the 20 mld STP. |

**3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries**

| Number of Hotels/ ashrams/dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| Hotel Aryan | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Notice Issued to hotel owner vide letter no.1365 dated 14/03/2024 by Executive officer Nagar Palika Parishad, Ballia and reply by hotel owner is awaited. |
| Hotel Utsav | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Rayal | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Pratap Hotel | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel R N G In | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Siddharth | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Vaishali Hotel | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Singhaniya | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |

| | | | | |
|---|---|---|---|---|
| Ashok Hotel Palace | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Notice Issued to hotel owner vide letter no.1365 dated 14/03/2024 by Executive officer Nagar Palika Parishad, Ballia and reply by hotel owner is awaited. |
| Maya Hotel | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Chandrawali | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Falak Hotel Kunwar Upwan | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Bharat Hotel | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Paradise | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Aanandi In | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Central Hotel | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Kamla Hotel | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Subham | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Rudra Hotel | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Singhaal | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Romransh India | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Vihan | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Aarti In | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |
| Hotel Aryan | District Administration (City Magistrate Ballia ) | Under Construction By Jal Nigam Urban Ballia.Hotel to be tapped by the same STP | Through Septic tank/Soak pit | Do |

| 4. IV. Industrial Effluent discharge by industries whose effluent is ultimately flowing to river Ganga or its tributaries | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Total number of Industries** | **Daily effluent discharge** | **Treatment available (cetp/ petp/ etp operational capacity)** | **Effluent quality analysis (outlet of treatment plants)** | **GAP** | **Proposed/ under construction treatment project (with timeline)** | **Number of defaulting units-Action taken** | **Industrial solid waste generated/ day** | **Manner of disposal (Industrial solid waste)** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| 1 | Plant name-Shiva and Sons Agro Products, Kharuaon, Rasra ,Ballia 221712<br>Type of Industry-Medium<br>Kind of waste-Effluent produced<br>Process per day curd 10000 kg<br>Discharge of effluent-40000 ltr per day.<br>Use of treated water- internal uses for cleaning and agriculture. | ETP | Parameter within limit | Zero (No Discharge) | There is no factory which is discharging effluent into River Ganga and its tributaries in Ballia district. | Zero | 10 Kg | As manure |

| 5. Regulation of Flood Plain Zone: | | | | | | |
|---|---|---|---|---|---|---|
| **Area-cities/ towns** | **Notification of flood plain zone** | **Demarcation** | | **Encroachment & direct discharge GeoCode/ Sampling point** | **Encroachment removal status** | **Timeline for completion** |
| | | **No development zone pillars** | **Regulatory zone pillars** | | | |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| Approx area Ballia city 38.68 $km^2$ | The Irrgation and water resources department,Govt of UP (letter no 622/CE/ISO/2023-24 Date 06-09-2023 has approached National Institute of Hydrology Roorkee Study will be completed in Dec 2024 Work will be done after the completion of study. | Work will be done by National Institute of Hydrology Roorkee | Work will be done by National Institute of Hydrology Roorkee | Model study is going on by National Institute of Hydrology Roorkee Work will be done after completion of study | Total length of River Ganga in District Ballia- 104 Km. Under this point, a monitoring committee has been nominated by District Magistrate Ballia vide Letter no. 1660/Dated-20-09-2021.The committee has reported that the Residents of 142 Villages are residing in between River Saryu & their Embankments.105 Villages are residing in between River Ganga and their Embankments & 72Villages are residing in between River Tonse and their embankments. ie Flood Plain zones since generations before construction of River Embankment. It is not proper to say that the residents of these area have encroached the Flood Plain zones. It does not come under the category of encroachment and there is no encroachment within 100 meter boundaries from edge of these rivers. | Work in progress by National Institute of Hydrology Roorkee (Time line for completion December,2024) |

| 6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sr. No. | Area- cities/ towns | | Total plantation Geo Code/ Sampling Point | | | | | | Proposed Project | Time Line |
| | District | Forest Range | River Name | Name of the place (within 10 kilometers on either side of River Ganga and its tributaries | Latitude | Longitude | Area in Hectare | Plants/ Trees Planted | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1 | Ballia | Ballia | Ganga River | Bhagwanpur To Khodipakkad &Other (193978149860124) | N25°.749903 | E84°.115542 | 3.0 | 4800 | **Plantation of approx 1.50 lacs saplings proposed in within 10 kilometers on either side of River Ganga and its tributaries in Year 2024-25 By Forest Deptt.Action plan of plantation by other various departments for year 2024-25 are being prepared** | **July to Aug 2024** |
| 2 | | Ballia | Ganga River | Amdari To Nasirabad Kali Mandir (193978149860128) | N25°.759615 | E84°.107478 | 3.0 | 4800 | | |
| 3 | | Chhata | Ganga River | Bharkokha To Bharsoutta & Other (193978149360056) | N25°44'93" | E84°18'41" | 5.0 | 8000 | | |
| 4 | | Chhata | Ganga River | Janari Spha To Rampur & Other (193978149360058) | N25°75'2547" | E84°22'4515" | 5.0 | 8000 | | |
| 5 | | Chhata | Ganga River | Sher Godaam To Dudhipur & Other (193978149660060) | N25°47'57" | E84°14'56" | 4.0 | 6400 | | |
| 6 | | Chhata | Ganga River | Bind Ke Chapra To Boha & Other (193978149660063) | N25°47'20" | E84°14'23" | 4.0 | 6400 | | |
| 7 | | Chhata | Ganga River | Bind ke Chapra To Visunpura & Other (193978149660067) | N25°77'7625" | E84°22'3869" | 4.0 | 6400 | | |
| 8 | | Chhata | Ganga River | Dhudhipur To Sheriya & Aass Pass (193978149660069) | N25°79'6959" | E84°25'9554" | 4.0 | 6400 | | |
| 9 | | Chhata | Ganga River | Piperpati To Sahraspali & Other (193978149661734) | N25°77'5232" | E84°18'2661" | 2.0 | 3200 | | |
| 10 | | Maniar | Ghaghra River | Chakiya Bhagipur Bhikhariya Marg & Sampark Marg (193976149960110) | N25°.971976 | E84°.137795 | 8.0 | 12800 | | |
| 11 | | Maniar | Ghaghra River | Ajnera Se Pilue Nahar & Sampark Marg (193976149960111) | N25°.968972 | E84°.113505 | 8.0 | 12800 | | |
| 12 | | Maniar | Ghaghra River | Dhanouti Bhuradih Nahar & Anya Sampark Marg | N25°.990042 | E84°.108353 | 8.0 | 12800 | | |
| 13 | | Maniar | Ghaghra River | Balupur Kasmapur & Anya Sampark Marg(193976149962768) | N26°.000459 | E84°.113933 | 8.0 | 12800 | | |
| 14 | | Maniar | Ghaghra River | Letarha Baba Pool To Maniyar Tukara No 2 (193976149962769) | N26°.002573 | E84°.143851 | 8.0 | 12800 | | |
| 15 | | Bansdih | Ghaghra River | T S Bandha 64 To Bhopalpur Paschimi Tak & Any Marg(193979149260159) | N25°.900481 | E84°.356034 | 8.0 | 12800 | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 16 | | Bansdih | Ghaghra River | Ritayard Ts Bandha Gamhari Tola Se Bhopalpur Tak (193979150560160) | N25°.900436 | E84°.374682 | 8.0 | 12800 | | |
| 17 | | Bansdih | Ghaghra River | Reoti Se Dataha Marg & Anya(193980150560162) | N25°.823994 | 84.382772 | 8.0 | 12800 | | |
| 18 | | Bansdih | Ghaghra River | T S Bandha Rengaha To Kolkala Tak (193979149260633) | N25°.535 | E84°.1829 | 8.0 | 12800 | | |
| 19 | | Bansdih | Ghaghra River | T S Bandha Dataha To Dewpur Tak Left Side (193980150560634) | N25°.524 | E84°.2451 | 8.0 | 12800 | | |
| 20 | | Bansdih | Ghaghra River | T S Bandhan Dataha To Dewpur Tak Right Side (193979150560638) | N25°.5254 | E84°.2355 | 8.0 | 12800 | | |
| 21 | | Bairia | Ghaghra River | Chanddiyar Police Chowki To Nayi Basti Left Side (193980150060962) | N25°79'6639" | E84°56'4401" | 5.0 | 8000 | | |
| 22 | | Bairia | Ghaghra River | Chanddiyar Police Chowki To Nayi Basti Write Side (193980150060963) | N25°79'6647" | E84°56'4403" | 5.0 | 8000 | | |
| 23 | | Bairia | Ghaghra River | Majhi Ghat Baban Ke Dehra To Yadav Nagar (193980150061736) | N25°76'9532" | E84°59'7756" | 5.0 | 8000 | | |
| 24 | | Bairia | Ghaghra River | Shivan Tola To Fakru Tola & Other (193980150061737) | N25°.775989 | E84°.556072 | 5.0 | 8000 | | |
| 25 | | Bairia | Ganga River | Daya Chapra To Sughar Chapra Left Side (193980149160311) | N25°77'2537" | E84°43'3973" | 5.0 | 8000 | | |
| 26 | | Bairia | Ganga River | Tengari Dhala To Dubey Chapra Right Side (193980149160324) | N25°77'0683" | E84°44'8510" | 5.0 | 8000 | | |
| 27 | | Sikanderpur | Ghaghra River | Ranipaar (Rudervaar) To Jamui Nala & Ass Pass (193976150259944) | N26°07'55" | E84°02'17" | 5.0 | 8000 | | |
| 28 | | Sikanderpur | Ghaghra River | Jamui To Barhucha &Ass Pass (193976150259945) | N26°07'75" | E84°02'89" | 5.0 | 8000 | | |
| 29 | | Sikanderpur | Ghaghra River | Harnataar Police Chauki To Narayanpur Bandh Tak V Anya Sampark Marg (193976150260033) | N26°09'7969" | E83°94'5046" | 5.0 | 8000 | | |
| 30 | | Sikanderpur | Ghaghra River | Sisotaar To Basrikapur Bandha & Other (193976150260573) | N25°06'084" | E84°08'226" | 5.0 | 8000 | | |
| 31 | | Belthraroad | Ghaghra River | Karni Minor Narla To Karni Tak & Aas Pass (193975150660959) | N26°.4134 | E84°.55'37 | 5.0 | 8000 | | |
| 32 | | Belthraroad | Ghaghra River | Sonauli Ballia Marg Ubhao Thana Se Haldirampur Regulator Tak(193975150660077) | N26°.131551 | E84°.868462 | 5.0 | 8000 | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 33 | | Belthraroad | Ghaghra River | Sonauli Ballia Marg Haldirampur Regulator To Range Border Tak (193975150660078) | N26°.104291 | E84°.909377 | 5.0 | 8000 | | |
| 34 | | Belthraroad | Ghaghra River | Telamajamaluddinpur To Dharahra Tak & Aas Pass (193975150660080) | N26°.534 | E84°.5432 | 5.0 | 8000 | | |
| 35 | | Belthraroad | Ghaghra River | Turtipar Ghaghara Pool To Khaira Tak & Aas Pass(193975150660092) | N26°.159043 | E84°.86094 | 5.0 | 8000 | | |
| 36 | | Belthraroad | Ghaghra River | Turtipaar Pump Canal Tirnai To Birbhanpur(193975150660960) | N26°.3'43" | E84°.52'0" | 5.0 | 8000 | | |
| 37 | | Phephana | Tons River | Nagwagai Kali Mandir To Chitbadagawn Pull Tak (193978150760706) | N25°.75212 | E84°.975294 | 5.0 | 8000 | | |
| 38 | | Phephana | Tons River | AkhtiyarPur To Mathi Pool & Bandha Ass Pass (193978150763064) | N25°759'716" | E83°970'350" | 4.0 | 6400 | | |
| 39 | | Phephana | Ganga River | I T Bandh To ShahPur Bhabnauli Marg & Other (193978150760118) | N25°685'239" | E83°635'112" | 5.0 | 8000 | | |
| | | | | **total** | | | **216.0** | **345600.0** | | |

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

| Area of mining | **FIR/ case registered/ year** | **Vehicles/ mineral seized** | **Action taken status** | **Cases pending in Court** | **Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016** |
|---|---|---|---|---|---|
| **1** | **2** | **3** | **4** | **5** | **6** |
| 03 sand Mining Area.<br><br>(5+5+11.90=21.9 hect.) | 0168/<br><br>Sikandarpur P.S/2023<br><br>0135/<br><br>Narhi P.S/2023 | 04-Tractors, 03-Trucks/<br><br>Sand-I | Complaint Case in CJM Ballia Court | Yes | According to the "Enforcement & Monitering Guidelines for Sand Mining" (EMGSM-2020) and Sustainable Sand Mining Management Guideline 2016. Three sand Mining area in the district and UP Minor Mineral (Concession) Rule 2021 and Up govt Order, The District Magistrate has constituted Task force at the district level and Instructed to Sub divisional Magistrates to take necessary action against illigal mining and transportation activities.<br><br>04 Tractors and 03 Trucks have been seized and Rs 1,89,670 have been realised as fine from offenders as so far. |

**The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-**

**(1) District Ganga Protection Plan at city/ town level-**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

- Model District Ganga Protection Plans for Shahjahanpur,Bareilly,Moradabad and Udham Singh Nagar (UttaraKhand) have been prepared by NMCG,SMCG and Support Agencies (GIZ & WWF).On the basis of the model District Ganga Protection Plan,The District Ganga Protection Plan for Ballia will be also be prepared in next 6 to 8 Months

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

Sewage generation (for entire District and individual town wise):

**2.1 Sewage Management-**

**(i) District Ballia- Total Sewage Generation- 42.21 MLD**

| Name of district | **Name of ULB** | **Total Population** | **Source Segregation (No of Wards)** | **HOUSE HOLD** | **TOTAL SEWAGE GENERATION (MLD)** | **Septic Tank/Soak Pit** | **Remark** |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | | 5 | 6 | 8 |
| Ballia | Nagar Palika Parishad Ballia | 104424 | 25 | 16700 | 14.67 MLD | 16780 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Palika Rasra, Ballia | 31675 | 25 | 4005 | 3.42 MLD | 2810 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Panchayat Maniar, Ballia | 19890 | 14 | 3315 | 2.15 MLD | 2983 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Panchayat Bairia, Ballia | 28343 | 16 | 4725 | 3.06 MLD | 4158 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Panchayat Bansdih,Ballia | 21221 | 15 | 3540 | 2.29 MLD | 3186 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Panchayat Nagra,Ballia | 20520 | 14 | 3420 | 2.22 MLD | 3010 | The septic tank/ soak pits are cleaned through sewer suction machines. |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Ballia | Nagar Panchayat Ratsarkalan,Ballia | 18042 | 14 | 3007 | 1.95 MLD | 2586 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Panchayat Reoti,Ballia | 26359 | 15 | 4390 | 2.85 MLD | 3907 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Panchayat Sahatwar,Ballia | 20612 | 14 | 3440 | 2.23 MLD | 3061 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Panchayat Chitbaragaon,Ballia | 21879 | 15 | 3650 | 2.36 MLD | 3285 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Panchayat Sikanderpur, Ballia | 23986 | 15 | 3990 | 2.59 MLD | 3591 | The septic tank/ soak pits are cleaned through sewer suction machines. |
| Ballia | Nagar Panchayat Belthra Road, Ballia | 20404 | 13 | 3400 | 2.42 MLD | 2992 | The septic tank/ soak pits are cleaned through sewer suction machines. |

**(ii) Existing Sewage Treatment Capacities**

- There is no STP in Ballia District.

**Under the proposal**

- A STP of treatment capacity 20 MLD is proposed to be constructed at Katahal Drain in Chhodhar Village.

**(iii) Quantity of sewage is being treated (utilization capacity) :**

- Zero (Since there is no STP in Ballia).

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

- There is no STP in Ballia District.

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

- There is no STP in Ballia District.

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

- 20 MLD STP is Under Construction Taking into Account the Future Habitation.

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

- Total Sewage Generation-14.67 MLD ( Nagar Palika Parishad Ballia).
- Sewage Treatment at Present-Zero
- GAP- 14.67 MLD ( 100%)

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

- A STP of treatment capacity 20 MLD is proposed to be constructed at Katahal Drain in Chhodhar Village. The timeline for the execution of works of STP construction and cleaning of previously laid sewer lines is prepared. The work is already begun and it is likely to be completed by 15th May 2025.

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

- No untreated sewage directly going into river Ganga any sewage of sludge discharge in Katahal drain is being treated by bioremediation before the discharge.

**2.1 Drains joining Ganga and Tributary.**

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

- **Quantity(As reported by UPPCB Azamgarh)**:-There are 6 drains in Municipality Ballia which meets with Katahal drain and finally Katahal drain having dishcharge of 16.12 MLD, meets River Ganga (as reported by UPPCB Azamgarh).
  **Quality(As reported by UPPCB Azamgarh)**:-PH-7.26, BOD-25.0 mg/L, COD-104.8 mg/L, TSS-72.0 mg/L, TDS-984.0 mg/L, Heavy Metals(Fe-2.6127 mg/L, PB-0.5657 mg/L, Zn-0.1143 mg/L, Fluoride-1.251 mg/L), Nitrates-3.691 mg/L, DO-2.6 mg/L, TC-1400000 MPN/100 ml, FC-790000 MPN/100 ml, Colour-30 Hazen.

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

- Katahal Drain.

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

- Total sewage generation in Ballia Municipality is 16.12 (Including sewage in drains) MLD. STP of 20 MLD capacity is under construction by UP Jal Nigam Urban, Ballia. It is to be completed by 15th May 2025.

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

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

- In Municipality Ballia, STP is being constructed by Jal Nigam Urban Ballia which capacity is 20 MLD and is likely to be completed by 15th May 2025.
- There is a provision of 25 KLD co-treatment plant with 20 MLD STP that is being constructed.
- No separate FSTP is proposed in Ballia NPP.

(ii) Management of Grey water and its disposal:

- Management of Grey water is planned under STP which is likely to be used for agricultural purpose.

**2.3 Industrial Pollution Control**

(i) Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise):
There is no industry which is generating trade effluents in district Ballia.

**(3) Water quality status**

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

| | | |
|---|---|---|
| pH-7.52 | Colour-20 Hazen | TSS-36.0 mg/l |
| TDS-318.0 mg/l | Chloride-8.0 mg/l | Fluoride-0.510 mg/l |
| Nitrate-ND | Total Chromium-ND | Copper-ND |
| Lead-ND | Iron-0.8025 mg/l | Zinc-0.0158 mg/l |
| Total Coliform-7800 MPN/100 ml | Fecal Coliform-4500 MPN/100 ml | BOD-3.72 mg/l |
| COD-17.4 mg/l | DO-6.20 mg/l | Total Fixed Solid-254.0 mg/l |
| Manganese-0.1138 mg/l | Arsenic-ND | Mercury-ND |

Note :- The water quality of Ganga river and Saryu River (Ghaghra River) pertains to Class B standard, hence the water is fit for bathing.

Kathal Nala,Surha Tal,Baghar River,lakra River is not fit for Bath.

**(4)** Notification of **Flood Plain Zones**:
The Irrgation and water resources department govt of up(letter no 622/CE/ISO/2023-24 Date 06-09-2023 has approached National Institute of Hydrology Roorkee study will be completed in Dec 2024 work will be done after the completion of study.

**(5)** Issues relating to **Environmental Flow**:
Determination of the magnitude of Ecological-Flow of Ganga river phase 2 Unnao to Ballia to be done by Ramganga organization of Irrigation Department of UP. Ecological-Flow not decided till date.

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**Best Practices-**

1. Natural Farming/Organic farming is being promoted by Agriculture department.
2. Afforestation / Plantation along the bank (with in 10 kms) of River Ganga And its Tributaries by Forest department.
3. (i)Ganga Aarti program organized by Dist Ganga Committee Ballia with active collaboration of NYK on dated 15-09-2021 at Bharouli Ghat of Ganga and every year.Through this Aarti -eco friendly environment and clean Ganga awareness

   (ii)In compliance of direction of NMCG and SMCG. Recently of day of Full moon (24/03/2024) Ganga Maha Aarti,cultural activies and other miscellaneous activities have been organized at Maldepur Ghat of River Ganga by Distric Ganga Committee Ballia
4. Awareness activites are being done for rejuvenation protection and management of small river.
5. Workshop on training/skill-building sessions on Ganga Biodiversity conservation,Ecosystem Restoration and Climate Resilient Livelihood conducted by Prof S B Roy Founder Chairman of IBRAD (Institute of Bio - social Research and Development),Kolkata on 27 may 2023 and 28 May 2023 in the meeting hall of Van Vihar Jeerabasti, Ballia.
6. Yoga program organized by Distric Ganga Committee Ballia with active collaboration of NYK on the occasion of International Yoga Day 21 June 2022 under the theme of "Ghat par Yoga" at Maldepur ghat of Ganga.

**Member Secretary District Ganga Committee /Divisional Director Ballia**

**CDO/Nodal Officer Ballia**

**Chairman District Ganga Committee/ District Magistrate Ballia**

ओ० एच० सिद्दीकी
सहायक वैज्ञानिक अधिकारी
उत्तर प्रदेश नियंत्रण बोर्ड
आजमगढ़

EE ID-I Ballia

अधिशासी अधिकारी
नगर पालिका परिषद, बलिया

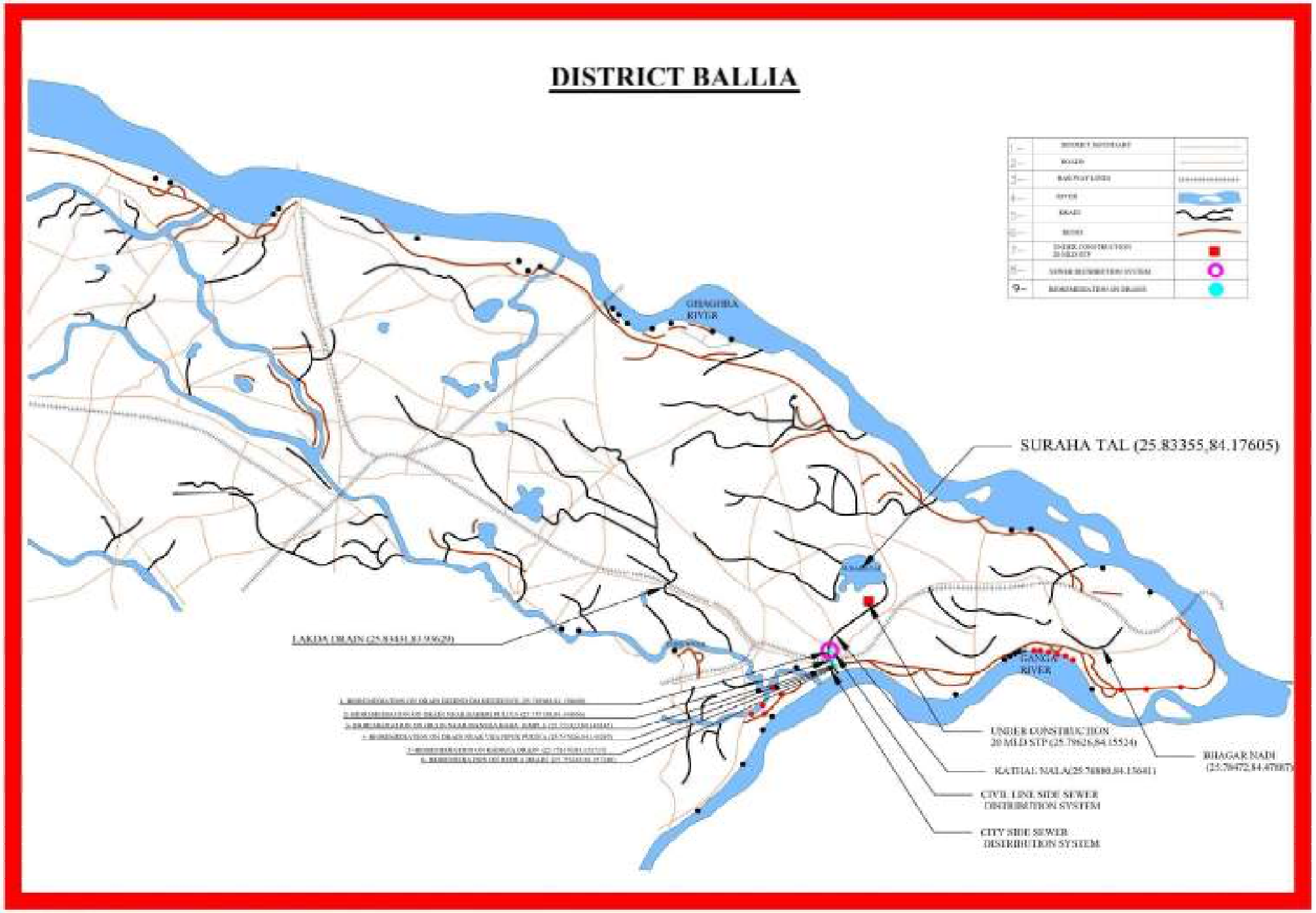
Assistant Engineer
Construction Division
U.P. Jal Nigam (Urban)
Ballia

E.O Ratsar Kala

E.O. Sikandarpur

E.O. Bairia

E.O (Rasra


DISTRICT BALLIA
GHAGHRA RIVER
SURAHA TAL (25.83355,84.17605)
LAKDA DRAIN (25.83431,83.93629)
GANGA RIVER
UNDER CONSTRUCTION 20 MLD STP (25.79826,84.15524)
KATHAL NALA(25.78880,84.15681)
BHAGAR NADI (25.78472,84.47887)
CIVIL LINE SIDE SEWER DISTRIBUTION SYSTEM
CITY SIDE SEWER DISTRIBUTION SYSTEM

# DISTRICT GANGA REPORT

**Submitted in compliance of Hon'ble NGT order dated 11.09.2023 in O.A. 200/2014 MC Mehta Vs UOI and Ors.**

## MATHURA DISTRICT (U.P.)

**SUBMITTED BY:**

**DISTRICT GANGA COMMITTEE**

**COLLECTORATE, MATHURA**
**OFFICE ADDRESS: Mathura Cantonment, Mathura**
**DISTRICT: MATHURA (U.P.)**
**E-MAIL: dmmat@nic.in**

**MC MEHTA vs. UNION OF INDIA (OA. NO. 200 OF 2014)**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

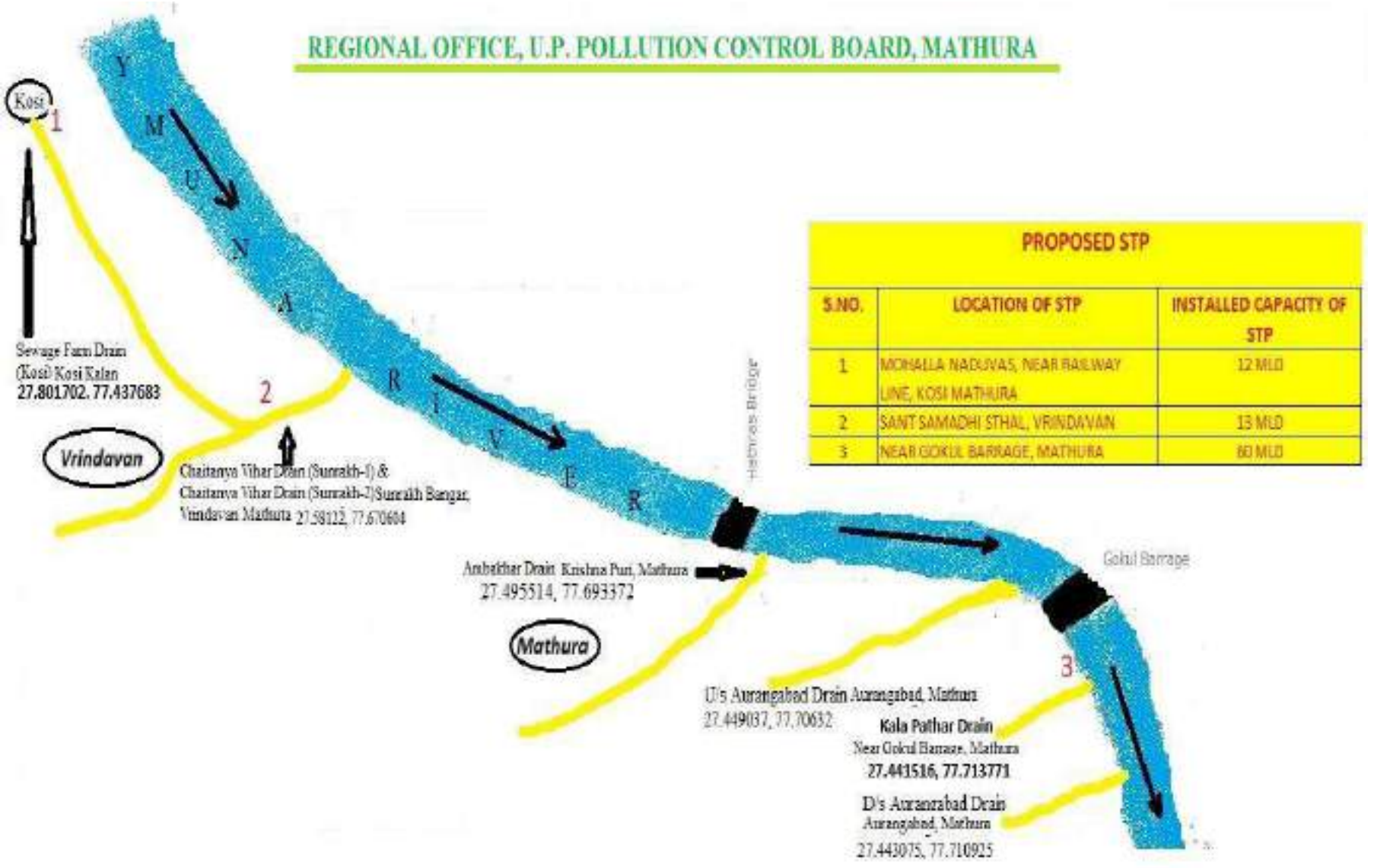
**MATHURA**

<table>
<tr><td>S.N</td><td>ADDITIONAL INFORMATION</td><td>ANSWER</td></tr>
<tr><td>1.</td><td>That STPs installed, are under utilised and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs.</td><td>At present, STP is proposed in the district to treat the sewage that is being generated in Mathura district.</td></tr>
<tr><td>2.</td><td>The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains.</td><td>At present, STP is proposed in the district to treat the sewage that is being generated in Mathura district.</td></tr>
<tr><td>3.</td><td>the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location.</td><td>At present, STP is proposed in the district to treat the sewage that is being generated in Mathura district.</td></tr>
<tr><td>4.</td><td>These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them.</td><td>There are no water-polluting industries present in Mathura district who is discharging their Effluent in Yamuna river</td></tr>
<tr><td>5.</td><td>We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river.</td><td>
<table>
<tr><th>NAME OF DRAIN</th><th>POSITION OF STP WITH CAPACITY</th><th>GEO/COORDINATES</th><th>DISCHARGE QUANTITY FROM THE STP IN THE DRAIN</th><th>TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER</th></tr>
</table>
</td></tr>
</table>

| | | | | | | |
|---|---|---|---|---|---|---|
| | | Kala Patthar drain | **Propesed 60MLD STP** | 27.434335, 77.707658 | 7.64 | 7.64 |
| | | U/S Aurangabad drain | | 27.449037, 77.70632 | 1.98 | 1.98 |
| | | D/S Aurangabad drain | | 27.443075, 77.710925 | 1.46 | 1.46 |
| | | Chaitanya vihar drain (Sunrakh-1) | **Propesed 13MLD STP** | 27.58122, 77.670604 | 3.34 | 3.34 |
| | | Chaitanya vihar drain (Sunrakh-2) | | 27.58122, 77.670604 | 0.56 | 0.56 |
| | | Sewage farm drain(kosi) | **Propesed 12MLD STP** | 27.583133, 77.687146 | 5.64 | 5.64 |
| | | Ambakhar drain | **Propesed 16MLD STP** | 27.495514, 77.693372 | 26.49 | 26.49 |

| | | |
|---|---|---|
| 6. | mention heavy metals analysis in respect of discharge from each of the drain in the report. | |

| Drain (city/ town) | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Discharged Into |
|---|---|---|
| Ambakhar drain | Fe-2.9479, Cr-ND, PBND, As-0.005 Mn0.1715, Cu-0.0053, Zn0.3383, Hg-ND, Fluoride-0.919 | Yamuna river |
| Kala Patthar | Fe-2.4270, Cr-ND, PBND, As-0.006 Mn0.4350, Cu-0.0316, Zn0.3302, Hg-ND, Fluoride-1.262 | Yamuna river |
| U/s Aurangabad Drain | Fe-1.5988, Cr-ND, PBND, As-0.003 Mn0.2108, Cu-0.0841, Zn0.2064, Hg-ND, Fluoride-0.941 | Yamuna river |
| D/s Aurangabad Drain | Fe-1.8125, Cr-ND, PBND, As-0.007, Mn0.2612, Cu-0.0578, Zn0.5975, Hg-ND, Fluoride- 1.127 | Yamuna river |
| Chaitanya Vihar Drain (Sunrakh-1) | Fe-3.5624, Cr-ND, PBND, As-0.007, Mn0.3285, Cu-0.2154, Zn0.4922, Hg-ND, Fluoride- 1.062 | Yamuna river |
| Chaitanya Vihar Drain (Sunrakh-2) | Fe-3.2284, Cr-ND, PBND, As-0.002, Mn0.4182, Cu-ND, Zn0.0224, Hg-ND, Fluoride-1.141 | Yamuna river |
| Sewage Farm Drain (Kosi) | Fe-2.1598, Cr-ND, PBND, As-0.004, Mn0.4294, Cu-0.1191, Zn0.0359, Hg-ND, Fluoride- 1.119 | Yamuna river |
| Refinery Drain | T.cr- 0.12, Pb-ND, Cu-ND(DL-0.1), Zn- 2.9, Hg-ND(DL-0.005) | Yamuna river |




**PROPOSED STP**

| S.NO. | LOCATION OF STP | INSTALLED CAPACITY OF STP |
|---|---|---|
| 1 | MOHALLA NADUVAS, NEAR RAILWAY LINE, KOSI MATHURA | 12 MLD |
| 2 | SANT SAMADHI STHAL, VRINDAVAN | 13 MLD |
| 3 | NEAR GOKUL BARRAGE, MATHURA | 60 MLD |

1- **Sewage**

**The above information is to be submitted on the basis of end point sample analysis of the concerned drain**

| Drain (city/ town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, As, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ambakhar drain | 26.49 | 26.49 | 8.2 | 62 | 284 | 142 | 2216 | Fe-2.9479, Cr-ND, PB-ND, As-0.005 Mn-0.1715, Cu-0.0053, Zn-0.3383, Hg-ND, Fluoride-0.919 | 4.164 | 0 | 84000 | 21000 | 26.49 | Turbid | Yamuna river |
| Kala Patthar | 7.64 | 7.64 | 8 | 44 | 168 | 124 | 1792 | Fe-2.4270, Cr-ND, PB-ND, As-0.006 Mn-0.4350, Cu-0.0316, Zn-0.3302, Hg-ND, Fluoride-1.262 | 2.126 | 0 | 7900 | 2700 | 7.64 | Slightly Turbid | Yamuna river |
| U/s Aurangabad Drain | 1.98 | 1.98 | 7.9 | 40 | 152 | 110 | 1924 | Fe-1.5988, Cr-ND, PB-ND, As-0.003 Mn-0.2108, Cu-0.0841, Zn-0.2064, Hg-ND, Fluoride-0.941 | 1.278 | 0 | 5800 | 2100 | 1.98 | Turbid | Yamuna river |
| D/s Aurangabad Drain | 1.46 | 1.46 | 8 | 42 | 176 | 84 | 1786 | Fe-1.8125, Cr-ND, PB-ND, As-0.007, Mn-0.2612, Cu-0.0578, Zn-0.5975, Hg-ND, Fluoride- 1.127 | 1.399 | 0 | 6300 | 2600 | 1.46 | Slightly Turbid | Yamuna river |
| Chaitanya Vihar Drain (Sunrakh-1) | 3.34 | 3.34 | 8.1 | 60 | 216 | 158 | 2120 | Fe-3.5624, Cr-ND, PB-ND, As-0.007, Mn-0.3285, Cu-0.2154, Zn-0.4922, Hg-ND, Fluoride- 1.062 | 0.618 | 0 | 21000 | 3800 | 3.34 | Greyish | Yamuna river |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chaitanya Vihar Drain (Sunrakh-2) | 0.56 | 0.56 | 7.7 | 54 | 184 | 118 | 1874 | Fe-3.2284, Cr-ND, PB-ND, As-0.002, Mn-0.4182, Cu-ND, Zn-0.0224, Hg-ND, Fluoride-1.141 | 0.509 | 0 | 14000 | 3100 | 0.56 | Slightly Greyish | Yamuna river |
| Sewage Farm Drain (Kosi) | 5.64 | 5.64 | 8.3 | 110 | 304 | 164 | 2036 | Fe-2.1598, Cr-ND, PB-ND, As-0.004, Mn-0.4294, Cu-0.1191, Zn-0.0359, Hg-ND, Fluoride- 1.119 | 0.598 | 0 | 110000 | 33000 | 5.64 | Greyish | Yamuna river |
| Refinery Drain | Consented capacity 169 m3/hr | 100-140m3/hr | 6-8 | 9-14 | 90-120 | 10-19 | 2500 - 4000 | T.cr- 0.12, Pb-ND, Cu-ND(DL-0.1), Zn- 2.9, Hg-ND(DL-0.005) | * | * | * | * | 100-140m3/hr | Turbid | Yamuna river |

**Note-* These parameters are not tested by IOCL Refinery Mathura.**

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

| **Existing STP (location & capacity)** | **Capacity (operational)** | **Inlet/ Outlet water quality & quantity** | **Number of tapped drains (quantity of discharge)** | **GAP (in treatment)** | **Final discharge point** | **Proposed/ under construction STP With completion date** |
|---|---|---|---|---|---|---|
| 04 MLD STP, Vrindavan, Near Pagal baba mandir, Mathura | 04 MLD | Inlet Parameter- pH-8.5 , BOD-195 , COD-416 , SS-288 , DS-1544 , TS- 1832 , TC-240000 , FC-34000<br><br>Outlet Parameter- pH- 8.2 , BOD-25 , COD-224 , SS- 80 , DS-1472 , TS- 1552 , TC-2700 , FC-930 | **03 Nos. Drain/1.87 MLD**<br>1-Vanshi Vat Nala<br>2-Jagannath Ashram Nala<br>3-Kesi Ghat Na`la | 0 | Yamuna | STP in operational |

| | | | | | | |
|---|---|---|---|---|---|---|
| 08 MLD STP, Near 100 beded Hospital, Vrindavan Mant road, Mathura | 08 MLD | Inlet Parameter- pH- 8.4 , BOD-185 , COD- 432 , SS- 268 , DS-1510 , TS-1778 , TC- 220000 , FC-33000<br><br>Outlet Parameter- pH-8.1 , BOD-24 , COD-168 , SS-60 , DS-1312 , TS- 1372 , TC-2400 , FC-830 . | **08 Nos. Drain/5.18 MLD**<br>1-Kalideh Drain<br>2-Bihar Ghat Drain<br>3-Cheer Ghat Drain<br>4-Bhaura Ghat Drain<br>5-Gora Nagar Nala<br>6-Rajpur Drain<br>7-Rang ji ka Bagicha<br>8-Ranapath Ghat | | Yamuna | STP is Running |
| 6.8 MLD STP, Masani, Mathura | 6.8 MLD | Inlet Parameter- pH- 8.5 , BOD-180 , COD-400 , SS-308 , DS- 1518 , TS- 1826 , TC- 280000 , FC-43000<br>Outlet Parameter- pH-8.2 , BOD-25 , COD-200 , SS-72 , DS-1436 , TS- 1508 , TC-2400 , FC-920 . | **06 Nos. Drain/22.50 MLD**<br>1-Chaktirath Nala<br>2-Krishan Ganaga Nala<br>3-Octroi Post Nala<br>4-Jai Singhpura Nala<br>5-Sahaganj Nala<br>6-Masani Nala | 0 | Yamuna | STPs in operational |
| 30 MLD STP, Masani, Mathura | 30 MLD | Inlet Parameter- pH-8.5 , BOD- 180 , COD-400 , SS- 308 , DS- 1518 , TS-1826 , TC-280000 , FC-43000<br>Outlet Parameter- pH-7.9 , BOD-23 , COD-176 , SS-48 , DS-1356 , TS-1404 , TC-2500 , FC-910 | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 14.5 MLD STP, Trans-Yamuna, Jamunapar, Mathura | 14.5 MLD | Inlet Parameter- pH-8.4 , BOD-200 , COD-432 , SS-328 , DS-1476 , TS-1804 , TC- 210000 , FC-38000<br><br>Outlet Parameter- pH-8.1 , BOD-26 , COD- 208 , SS-80 , DS- 1528 , TS-1608 , TC-3100 , FC-810 . | **08 Nos. Drain/3.37 MLD**<br>1-Ashkunda Ghat<br>2-Bangali Ghat<br>3-Chintaharan Nala<br>4-Daula Maula Nala<br>5-Gaughat Nala<br>6-Rani Ghat Nala<br>7-Swami Ghat Nala<br>8-Vishram Ghat Nala | | Yamuna | STPs in operational |
| 16 MLD STP, Trans Yamuna, Laxmi Nagar, Mathura | 16 MLD | Inlet Parameter- pH- 8.5 , BOD-190 , COD-448 , SS-302 , DS- 1488 , TS- 1790 , TC-240000 , FC-33000<br><br>Outlet Parameter- pH-7.8 , BOD- 22 , COD-184 , SS-56 , DS-1426 , TS- 1482 , TC-2600 , FC-920 . | **06 Nos. Drain/24.09 MLD**<br>1-Dhruv Ghat Nala<br>2-Cantt Nala<br>3-Satrangi Nala<br>4-Mahadev Ghat Nala<br>5-Dairy farm Nala<br>6-Ambhakhar Nala (Partially Tapped) | 8.09 MLD | Yamuna | 01 drain which is partially tapped(Ambakhar drain) will be diverted to 60MLD STP is Proposed |

| | | | | | | |
|---|---|---|---|---|---|---|
| 2.76 MLD STP, Uddhav kund, Goverdhan, Mathura | 2.76 MLD | Inlet Parameter- pH-8.6 , BOD-205 , COD-416 , SS- 388 , DS- 1556 , TS- 1944 , TC- 350000 , FC-47000<br><br>Outlet Parameter- pH-8.0 , BOD-25 , COD-160 , SS-74 , DS-1208 , TS- 1282 , TC-94000 , FC- 21000 . | 01 Nos. drain<br><br>1.5MLD | 0 | Yamuna | STP in operational |

**2.1- STP ADDITIONAL INFORMATION**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| Kala Patthar drain | **Propesed 60MLD STP** | 27.434335, 77.707658 | 7.64 | 7.64 |
| U/S Aurangabad drain | | 27.449037, 77.70632 | 1.98 | 1.98 |
| D/S Aurangabad drain | | 27.443075, 77.710925 | 1.46 | 1.46 |
| Chaitanya vihar drain (Sunrakh-1) | **Propesed 13MLD STP** | 27.58122, 77.670604 | 3.34 | 3.34 |
| Chaitanya vihar drain (Sunrakh-2) | | 27.58122, 77.670604 | 0.56 | 0.56 |
| Sewage farm drain(kosi) | **Propesed 12MLD STP** | 27.583133, 77.687146 | 5.64 | 5.64 |
| Ambakhar drain | **Propesed 16MLD STP** | 27.495514, 77.693372 | 26.49 | 26.49 |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| 60 MLD STP at Gokul Barrage, Near water treatment Plant, Mathura | 60 MLD | Inlet Parameter- BOD-350, COD-650, TSS-500, TN-50, TP-9,<br><br>Outlet Parameter- BOD-<5, COD-<50, TSS-<5, TN-<10, TP-<1, | **3 nos. & 1 no. Partally tapped /60 MLD**<br>1-Aurangabad D/S Nala<br>2-Aurangabad U/S<br>3-Kala Patthar Nala<br>4-Ambahkahar Nala (Partially) | 60 MLD | 27°26'29"N<br>77°42'29"N | Proposed STP (Under Tendering ) |
| 13 MLD STP, Near Sant Samadhi Sthal, Vrindavan, Mathura. | 13 MLD | Inlet Parameter- BOD-350, COD650, TSS-500, TS-50, TP-9,<br>Outlet Parameter- BOD-<5, COD-<50, TSS-<5, TN-<10, TP-<1, | 2nos./ 13 MLD<br>1-Chaitnay Bihar Nala 1<br>2-Chaitany Bihar Nala 2 | 13 MLD | 27.580137<br>77.534804 | Proposed STP (Under Tendering ) |
| 06 MLD STP at Kosi Kalan NPP | 06 MLD | Inlet Parameter- BOD-350, COD650, TSS-500, TS-50, TP-9,<br>Outlet Parameter- BOD-<5, COD-<50, TSS-<5, TN-<10, TP-<1, | 14 nos./6 MLD<br>1-Shergarh Nala -1<br>2- Shergarh Nala -2<br>3-Bihari ji Nala<br>4-Bada Nala<br>5-Chuli Nagla Nala<br>6-Ambedkar Nagar Nala<br>7-Sigu Thok Raman Bagichi Nala<br>8-Amar Thok Nala -1<br>9-Hamir thok Nala -2<br>10-Nagla thok paigaon road-1<br>11-Nagla thok paigaon road-2<br>12-Nagla thok pul par Nala<br>13-Nagla Thok Pul Nala<br>14-Barsana Chok Nagar P Nala | 06 MLD | 27.691895<br>77.534804 | Proposed STP (Under Tendering ) |

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|---|---|---|---|---|---|---|
| 12 MLD STP, Sewage Farm, Mohalla Nadu Vas, Near Railway line, Kosi, Mathura | 12 MLD | Inlet Parameter-BOD-350, COD650, TSS-500, TS-50, TP-9,`<br>Outlet Parameter-BOD-<5, COD-<50, TSS-<5, TN-<10, TP-<1, | 1 no./12 MLD Sewage Farm drain | 12 MLD | 27.801702<br>77.437683 | Proposed STP (Under Tendering ) |

**Note-1- All Drains of Kosikalan Nagar Palika Parishad, Chhata Nagar Panchayat and Vrindavan uptapped drains are finally disposed in kosi drains.**

### 3- Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries

| S.No | Name of the Hotel/Restaurant | Address | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|---|---|
| 1 | M/s Hotel Duke Palace | Near Saraswati Kund, Masani Bye Pas Link Road, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| 2 | M/s Hotel Maan Sarovar | State Bank Crossing, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| 3 | M/s Hotel Goverdhan Palace | Agra Bye pass, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| 4 | M/s Hotel Abhinandan | NH-2, Goverdhan Charaha, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| 5 | M/s Hotel Radha Ashok Residency | Masani bye pass, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| 6 | M/s Hotel Mukund Palace | Junction Road, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |

| | | | | | | |
|---|---|---|---|---|---|---|
| **7** | M/s Hotel Sheetal Residency | Masani, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **8** | M/s Hotel Brijwasi Royal | State Bank Crossing, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **9** | M/s Hotel Sheel Gopal | Dampier Nagar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **10** | M/s Hotel Vingston | Saraswati kund, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **11** | M/s Hotel Clark's In Hospitality | Near Birla mandir, Police Choki, Vrindavan, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **12** | M/s Hotel Basera Brij Bhoomi | Atalla chungi, Vrindavan, Mathura | Yes | Septik Tank/Soakpit | Nagar Nigam Drain | Notice Sent |
| **13** | M/s Hotel Krishnan | Vrindavan Bangar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **14** | M/s Hotel Hare Krishna Orchid | Sunrakh road, Vrindavan, Mathura | Yes | STP | Nagar Nigam Drain | - |
| **15** | M/s Hotel Shubham | Gandhi Road, Vrindavan, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **16** | M/s Hotel Basera | Vrindavan, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **17** | M/s Hotel Shubham Magestic | GANDHI MARG, VIDYA PEETH CROSSING, VRINDAVAN ,MATHUR | Yes | Septik Tank/Soakpit | Nagar Nigam Drain | - |
| **18** | M/s Hotel Vingston | Radha Kund Road, Goverdhan, Mathura | Yes | STP | Gardening | - |

| | | | | | | |
|---|---|---|---|---|---|---|
| **19** | M/s Hotel Babylon Residency | Near Sri Krishna Janm Bhoomi, Mathura | Yes | Septik Tank/Soakpit | Gardening | Notice Sent |
| **20** | M/s Hotel Girraj In | GIRLS INTER COLLAGE KE BARABAR WALI GALI, DHANGHATI, GOVERDHAN, MATHURA | Yes | STP | Gardening | - |
| **21** | M/s Hotel Guru Kripa Grand | Khasra No.-2966, Mahul Baramad, Cantt, Mathura | Yes | STP | Nagar Nigam Drain | - |
| **22** | M/s. Geeta Govind Tourist Complex | Nandan Van, Ramnreti, Vrindavan | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **23** | M/s. Panswarwali Dharamshala | 29, Bhattwali Gali, Atkhambha, Vrindavan, Mahtura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **24** | M/s. Hotel Nepal | New Bus-stand, Bhuteswar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **25** | M/s. Lala Prabhu Dayal Dharamshala Tourist | 60, Banke Vihari Colony, Vrindavan, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **26** | M/s. Mangal Tourist Lodge | 2057, Dempear Nagar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **27** | M/s. Mor Athiti Bhawan | Ahir Padha, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **28** | M/s. Hotel Brij Bihar | Yamuna Market, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **29** | M/s. Hotel Stayam | 1205, Masani Road, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **30** | M/s. Sharma Guest House | Arya Samaj Road, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |

| | | | | | | |
|---|---|---|---|---|---|---|
| **31** | M/s. Shri Vittal Bhawan (Bardarwali Dharamshala) | Gokul, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **32** | M/s. Shri Bharmchari Ashram Banktewar Osdhalaya Pranyas | 165, Radha Niwash, Vrindavna, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **33** | M/s. Hotel Agra | Bangali Ghat, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **34** | M/s. Shri Vasney Dharamshala | Nogaja, Ambakhar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **35** | M/S BRENTWOODS INTERNATIONAL LIMITED (COUNTRY INN) | 99tH, KM. STONE, DELHI-AGRA HIGHWAY, KOSI KALAN, MATHURA | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **36** | M/s. Hotel Sanjay Place | Arya Samaj Road, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **37** | M/s. Hotel Meghraj | 1843, Rashan Bazar, Tilkdwar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **38** | M/s. Hotel Mohan | Chhata Bazar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **39** | M/s. Jagdhamma Guest House | 9A, Krishan Nagar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **40** | M/s. Morden Hotel, Restorent & Bar | Ambhakhar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **41** | M/s. Seth Ram Kishan Bhattar Amriti Bhawan | 352, Kishore Pura, Vrindavan, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **42** | M/s. Mukund Bihar Inn. | 965/1, Masani Road, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |

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|---|---|---|---|---|---|---|
| **43** | M/s. Rukmani Cottage | 1451, Raja Dhiraj Bazar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **44** | M/s. Hotel Quality | Dampier Nagar, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **45** | M/s. Dwapar Resort | Vill-Kurkanda, NH-2, Mathura | No | Septik Tank/Soakpit | Gardening | Notice Sent |
| **46** | M/S M R RESORTS PRIVATE LIMITED HOTEL WINGSTON BARSANA | OPPOSITE RANGEELI MAHAL, BARSANA ,MATHURA | Yes | STP | Gardening | - |

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

| **Total number of Industries** | **Daily effluent discharge** | **Treatment available (cetp/ petp/ etp operational capacity)** | **Effluent quality analysis (outlet of treatment plants Geo code sampling point)** | **GAP** | **Proposed/ under construction treatment project (with timeline)** | **Number of defaulting units- Action taken** | **Industrial hazardous waste generated/ year** | **Manner of disposal (Industrial solid waste)** |
|---|---|---|---|---|---|---|---|---|
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| **101** | **43.44 MLD** | **43.44 MLD** | **As per analysis report within norms** | **0** | **-** | **23** | **66357.625 MT/A** | **Through TSDF & Agriculture** |

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial hazardous waste generated/ year | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| A.N. LEATHER PVT. LTD.(PHOENIX IND) NH-2, FARAH, MTR | ZLD | ZLD | As per analysis report within norms | 0 | N/A | - | 60 MT/A | Through TSDF |
| Brindavan Agro Industries Pvt. Ltd., Shergarh Road, Chhata, Mathura | 1500 KLD | 1500 KLD | As per analysis report within norms | 0 | N/A | - | 40 MT/A | Through TSDF |
| INDIAN OIL CORPORATION LTD, MTR REFINERY, MTR | 13.968 MLD | 13.968 MLD | As per analysis report within norms | 0 | N/A | - | 20140 MT/A | Through TSDF |
| S.P.S. Procesurs, Ind. Area, Kosi Kotvan, Mtr. | ZLD | ZLD | As per analysis report within norms | 0 | N/A | - | 5010 MT/A | Through TSDF |
| SHRI BRIJRAJ CLOTH PRINTING CO., SHIVAJI NAGAR, MTR | 500 KLD | 500 KLD | As per analysis report within norms | 0 | N/A | - | 60 MT/A | Through TSDF |
| Varun Beverages, Ltd., Dautana Chaata, Mtr. | 1100 KLD | 1100 KLD | As per analysis report within norms | 0 | N/A | - | 3.652 MT/A | Through TSDF |
| VINAYAK FIBRES P. LTD., KOTWAN KOSI, MTR | ZLD | ZLD | As per analysis report within norms | 0 | N/A | - | 65 MT/A | Through TSDF |
| Bhole Baba Milk Food Ind. Ltd., Dautana, | 300 KLD | 300 KLD | As per analysis report | 0 | N/A | - | 50 MT/A | Used in |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Chhata, Mtr. | | | within norms | | | | | Agriculture |
| Calpro Sepecelitis Pvt. Ltd. (Mahan Protein ltd.) Barhana, Nand Gaon Road, Kosi, Mathura | 90 KLD | 90 KLD | As per analysis report within norms | 0 | N/A | - | 30 MT/A | Used in Agriculture |
| GINNI FILAMENTS LTD., CHHATA, MTR | 1250 KLD | 1250 KLD | As per analysis report within norms | 0 | N/A | - | 65 MT/A | Through TSDF |
| BUDHSEN VASUDEV, SHIVAJI NAGAR, MTR | 150 KLD | 150 KLD | As per analysis report within norms | 0 | N/A | - | 5 MT/A | Through TSDF |
| CUSPY METALICS, NH-2, GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| ESS KAY METALIC INDUSTRIES, SAUNK ROAD, KRISHNA NAGAR, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| KUMAR METALS, SAONKH ROAD KRISHNA NAGAR, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MAYUR INDUSTRIES, NH-2, GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RAMA METAL, SAUNK ROAD KRISHNA NAGAR, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| CHANCAL ELECTR. (PREM SINGH ELE.), SAUNKH ROAD, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| RADHIKA SANITATION, E-86, IND. AREA, SITE A, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| AGRAWAL SILVER PLATERS, GAUR KENDRA, MATHURA. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BANKEY BIHARI NICKLE PLANT, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BANKEY BIHARI VIBRATOR, GAUR UDYOG KENDRA, N.H.- 2, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BRIJ POLISHERS, PLOT NO. E- 48, INDUSTRIAL AREA, SITE- A, MATHURA, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BRIJWASI SILVER AND VIBRATOR, TRIVENI COMPLEX, MATHURA. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| KAPIL ELECTROPLATERS, TRIVENI COMPLEX, MATHURA. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MAHESH NICKLE/VIBRATOR PLANT, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MASTER SILVER PLATERS, BRIJWASI COMPLEX, INFRONT OF OM TEXTILE,SARASWA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| TI KUND, MATHURA. | | | | | | | | |
| MATHURA SILVER PLATERS, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| NOORIE ELECTROPLATERS, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| PAVAN INDUSTRIES, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RAJ INTERPRISES , KARSHNI COMPLEX MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| ROYAL SANITATION PVT, GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| SHRI KRISHNA PLUMBING, TRIVENI COMPLEX, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| STATUS SAINITECH PVT LTD, S-2, IND. AREA, SITE A, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| AGRAWAL & CO, Saraswati kund, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GUDDU VERMA VIBRATOR, GAUR KENDRA, MATHURA GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| RAJU VIBRATOR, BRIJWASI GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| TARUN ELECTROPLATERS, GAUR UDYOG KENDRA, PLOT NO.-23-31, OPP. GOKUL RESTAURANT, NH-2, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GOYAL SILVER PLATERS (M.M.), GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GURU JI INDUSTRIES TRIVENI COMPLEX, MATHURA. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| HARNAM MATELS, SANUK ROAD, KRISHNA NAGAR, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| Maha Gauri Electroplaters ( Balaji Sanitation), E-60, Site-A, Mathura. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| OM POLISHING WORKS, KARSHNI COMPLEX, GOVERDHAN RAOD, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RADIKA PLUMBINGS (EVEREST METAL), E-50, IND. AREA, SITE A, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| SHIVANGI VIBRATORS, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| SHRI BANKEY BIHARI ELECTROPLATERS, TRIVENI COMPLEX, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| SHRI JI ELECTROPLATERS, D-48, IND. AREA, SITE A, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| VERMA ELECTROPLATERS, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| VERMA SILVER WORKS, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| ANIL CLOTH STORE, C-64, IND.AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| ANURADHA TEXTILES,. GANESHRA ROADM MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| BALAJI TEXTILE, SARASWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| BALAJI TEXTILES PRINTERS, E-70, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BRIJ SAREE UDYOG, SHIVAJI NAGAR, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |

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|---|---|---|---|---|---|---|---|---|
| CHHAIL B. AGRAWAL SAREE KARKHANA, SARASWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| DAYAL PRINTS , SHIVAJI NAGAR, MTR | 175 KLD | 175 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| DILEEP SAREE CENTRE, SHIVAJI NAGAR, MTR | 200 KLD | 200 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GANESH TEXTELS, SARSWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| GAURI PRINTS(G.S.DAS KAPREYWALA). E-84, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GHANSHYAMDAS KAPDEWALA II, E-84, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GOPI KISHAN SAREE HOUSE, G-62, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| HANUMAN TEXTILES, SARASWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| HAR PRASAD SAREE AJAMPUR SARSWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| KEDAR DYEING, SARSWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |

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|---|---|---|---|---|---|---|---|---|
| KRISHNA PRINTERS, SARSWATI KUND, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MADAN MOHAN GOYAL, C-35, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MAHESH PRINTS, SARSWATI KUND, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MAHESH SAREE HOUSE, SARSWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MANOJ TEXTILES, SARSWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MATHURA TEXTILES, E-75, 76, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MATHURA TRADING CO., E-68, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MINI PRODUCTS (KRISHNA PRINTS), C-36.,IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| NAINA ENTERPRISES(REKHA SAREE),.JAISINGHPURA BANGER, MTR | 100 KLD | 100 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| NATIONAL TEXTILES, C-37, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| New Name Sri Ji Textils (UMESH SAREE CENTRE), SHIVAJI NAGAR, MTR | 250 KLD | 250 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| OM TEXTILE MILLS, SARSAWATI KUND, MTR | 500 KLD | 500 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| RADHA TEXTILES, GOVERDHAN ROAD, MATHURA | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| RADHIKA PRINTS, C-51, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RAMESH CHAND AGRAWAL, C-48, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RAMJI PRINTS, SARASWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| RAMRASIYA TEXTILES, DEVIPURA, MATHURA | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| SANJAY TEXTILES (ANCHAL SAREE), DEVIPURA, BYE-PASS, MATHURA | 400 KLD | 400 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| SATISH DYEING, SARSWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| SIDH VINAYAK IND., S-9, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| SUREKA PRINTS , DEVIPURA, NH-2, MTR | 200 KLD | 200 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| UPMA SAREE CENTRE, SHIVAJI NAGAR, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| VRINDAVAN TEXTILES, SHIVAJI NAGAR, MTR | 200 KLD | 200 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| AQUA PLUMBING PVT.LTD., GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BHARAT METAL WORKS, D-63, IND. AREA, SITE A, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| CARTOON SANITAION, NH-2, GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GENERAL PLUMBING, TRIVENI COMPLEX, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MATHURA AUDYOGIK CHHETRA "A" PRADUSHAN NIVARAN CO. (C.E.T.P.) SITE-A,MTR | 6.25 MLD | 6.25 MLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| New Name Aqua dynamic (METAL MAN INDIA), KRISHNA NAGAR, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| Om Sai Tex, Ind. Area, Kosi Kalan, Mtr. | 200 KLD | 200 KLD | As per analysis report within norms | 0 | N/A | - | 33 MT/A | Through TSDF |
| SWARN TEX PRINTS , KOTWAN KOSI, MTR | 500 KLD | 500 KLD | As per analysis report within norms | 0 | N/A | - | 60 MT/A | Through TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s R.K. Export (Old Name-RAGHAV FABRICS/OM DYERS), E-56, IND.AREA, KOSI KOTWAN, MATHURA. | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 50 MT/A | Through TSDF |
| Garg Textiles, C-52, Ind. Area, Site-A, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 38 MT/A | Through TSDF |
| Harish Print (Ghanshyam Print), E-77-79, Ind. Area, Site-A, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 40 MT/A | Through TSDF |
| National Process/National Screen, E-83, Ind. Area, Site-A, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 35 MT/A | Through TSDF |
| Riddhi Siddhi Print, D-73, Ind. Area, Site-A, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 33 MT/A | Through TSDF |
| Calpro Sepecelitis Pvt. Ltd. (Mahan Protein ltd.) Barhana, Tumhera Road, Kosi Kalan, Mathura | 5.8 MLD | 5.8 MLD | As per analysis report within norms | 0 | N/A | - | 200 MT/A | Through TSDF |
| Jain Cord Pvt. Ltd, Chhata, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| Pepsico India Holding Pvt. Ltd, Q-1, Kosi Kotwan Ind. Area Exp.-II, Mathura | 820 KLD | 820 KLD | As per analysis report within norms | 0 | N/A | - | 40259 MT/A | Through TSDF |

**5-Regulation of Flood Plain Zone:**

| Area-cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge GeoCode/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| **Mathura** | For the demarcation of flood plain zone of Yamuna river, a committee has been constituted by the office memorandum file no.T-101036/3/2023-RC DTE dated 05.09.2023 of the Planning and Development Organization, Central Water Commission, Government of India. The report was to be submitted by the committee in 4 months. Guidelines for further action have not been received regarding the report of the committee. After receiving the guidelines, it will be possible to do terrestrial demarcation of the flood plain zone of Yamuna river. | 100.00 Mtr | 500.00 Mtr | . In order to remove encroachment from the flood plain zone, it is to be informed that in accordance with the instructions given in point no. 4 of Government Order No. 1149/19-27-Si-3-52 L/18/ dated October 17, 2018, Encroachment from the area will be removed by the Municipal Corporation. | At present there is no encroachment in rural areas under Mathura district. | Pending on CWC from dt. 05.09.2023 |

**6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones**

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | Proposed project | Timeline |
|---|---|---|---|
| Mathura | Total no. of plants in the year 2023 within 10 Km of Yamuna river stretches – 120498 in 61.596hec.*<br>*** Plantation done only by Forest department, Mathura**<br>**All the sites are geotagged after plantation**<br>**Shernagar van block N 27'51'19 E 77'32'37(Initial point)**<br>**Madaur N 27'16'14 E 77'57'51(Ending point)** | Plantation is only done in July-August 2023-24. | 2023-24 |

| क्र0सं0 | स्थानीय नाम | वानस्पतिक नाम अग्रेजी में |
|---|---|---|
| 1 | 2 | 3 |
| 1 | अर्जुन | **Terminalia arjuna, W. & A.** |
| 2. | अमरूद | Psidium guajava, Linn. |
| 3. | अर्रू, अजान | Ailanthus excelsa, Roxb. |
| 4. | अशोक | Polyalthia longilfolia, Thw. |
| 5. | आम | Mangifera indica, Linn. |
| 6. | ऑवला | Embelica officinalis, Gaetrn. |
| 7. | इमली | Tamarindus indica, Linn. |
| 8. | कदम्ब | Anthocephalus cadamba, (mig) |
| 9. | कंजी | Pongamia pinnata, (Linn.) |

| | | |
|---|---|---|
| | | Piers. |
| 10. | कनेर (पीला) | Thavetia nerifolia, Juss. |
| 11. | गूलर | Ficus glomerata, Roxb. |
| 12. | गुलमोहर | Delonix regia, (Broj.) Raf. |
| 13. | जंगल जलेबी | Pithececobium dulce, Benth. |
| 14. | जामनु | Syzygium cumini, (Linn.)Skeels. |
| 15. | नीबू | Citrus medica, Linn. |
| 16. | मीठा नीबू | Citrus limmettioides, Tanaka. |
| 17. | नीम | Azadirachta indica, A. Juss. |
| 18. | पकड़ / पाकड़ी | Ficus lacor, Buch-Ham. |
| 19. | पापड़ी / कंजू / चिलबिल | Holoptelea integrifolia, (Roxb.) Planch. |
| 20. | पीपल | Ficus religiosa, Linn. |
| 21. | बरगद / बड़ | Ficus bengalensis, Linn. |
| 22. | बहेड़ा | Terminalia bellerica, Roxb. |
| 23. | शीशम | Dalbergia sissoo, Roxb. |
| 24. | शहतूत | Morus alba, Linn. |
| 25. | सहजन / सैंजना | Moringa oleifera, Lamk. |

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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| At present no sand mining area is approved in Mathura district. | From the year 2020-2021 till now, in 17 cases out of 24 cases of illegal transportation, as per the provisions of Uttar Pradesh Mineral Avoidance Rules 2021, a fine of Rs 5,16,560.00 and Rs 36,00,000.00 (thirty-six lakh) were deposited as environmental compensation, in 02 cases As per the order of the Honorable Court, the report was sent and the remaining 05 vehicle owners did not submit the application for releasing their vehicles. According to the provisions of UP Mineral Avoidance Rules 2021, in 03 cases out of 08 cases of illegal mining, a fine of Rs 10,22,160.00 was deposited, in 02 cases a fine of Rs 70,49,924.00 was imposed on illegal miners and in 03 cases a first information report was filed. In 13 cases of illegal storage, a complaint was filed in the Honorable Court against the illegal storekeepers | 24 Vehicles | As per the provisions of Uttar Pradesh Mineral Avoidance Rules 2021, in 15 cases of illegal transportation, a fine of Rs 4,59,960.00 and Rs 36,00,000.00 (Thirty Six Lakhs) were deposited as environmental compensation, in 02 cases the report was sent as per the order of the Honorable Court and the remaining 05 Vehicle owners did not submit application for release of their vehicle. According to the provisions of Uttar Pradesh Mineral Avoidance Rules 2021, in 03 cases of illegal mining, a fine of Rs 10,22,160.00 was deposited, in 02 cases a fine of Rs 70,49,924.00 was imposed on the illegal miners and in 03 cases a first information report was filed. In 13 cases of illegal storage, a complaint was filed in the Honorable Court against the illegal storekeepers. | 16 | To effectively control illegal mining/ transportation, a district level task force has been constituted by the Geology and Mining Department, Uttar Pradesh Government, Government Order No. 616/86-2018- 371/2005 dated 20.03.2018. The above constituted task force investigates and takes action against illegal mining/transportation from time to time and to control illegal mining activity including overloading, Artificial Intelligence Software and C.I. C.T.V. Controlled check gate has been established, which is connected to the Directorate Lucknow Centralized Command Centre. |

1 - The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**2.1 Sewage Management**

(i) Sewage generation (for entire District and individual town wise):

| Name of Towns | Total Sewage Generation (MLD) |
|---|---|
| NP BAJANA | 16.354 |
| NP CHAUMUHA | 20.65 |
| NP CHHATA | 36.906 |
| NP GOVERDHAN | 10.8 |
| NP RADHA KUND | 11.777 |
| NP MAHAVAN | 17.240 |
| NP RAYA | 33.467 |
| NP BALDEO | 18.543 |
| NP GOKUL | 7.708 |

| | |
|---|---|
| **NP SONKH** | **18.816** |
| **NP NANDGOAN** | **1.50** |
| **NP KOSIKALAN** | **5.64** |
| **NP FARAH** | **16.326** |
| **NP BARSANA** | **10.20** |

**(ii) Existing Sewage Treatment Capacities :**

- Total 07 STP 82.06 MLD CAPACITY within Mathura District

Under the Proposal

- 60 MLD Gokul Barrage
- 13 MLD Near Sant Samadhi
- 06 MLD NPP Kosi Kalan
- 12 MLD Sewage farm Near Railway line

**(iii) Quantity of sewage is being treated (utilization capacity) :**

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| 04 MLD STP, Vrindavan, Near Pagal baba mandir, Mathura | 04 MLD | Inlet Parameter- pH-8.5, BOD-195, COD-416, SS-288, DS-1544, TS-1832, TC-240000, FC-34000<br><br>Outlet Parameter- pH- 8.2 , BOD-25, COD-224, SS- 80, DS-1472, TS-1552, TC-2700 , FC-930 | **03 Nos. Drain/1.87 MLD**<br>1-Vanshi Vat Nala<br>2-Jagannath Ashram Nala<br>3-Kesi Ghat Na`la | 0 | Yamuna | STP in operational |

| | | | | | | |
|---|---|---|---|---|---|---|
| 08 MLD STP, Near 100 beded Hospital, Vrindavan Mant road, Mathura | 08 MLD | Inlet Parameter- pH- 8.4 , BOD-185 , COD- 432 , SS- 268 , DS-1510 , TS-1778 , TC- 220000 , FC-33000<br><br>Outlet Parameter- pH-8.1 , BOD-24 , COD-168 , SS-60 , DS-1312 , TS- 1372 , TC- 2400 , FC-830 . | **08 Nos. Drain/5.18 MLD**<br>1-Kalideh Drain<br>2-Bihar Ghat Drain<br>3-Cheer Ghat Drain<br>4-Bhaura Ghat Drain<br>5-Gora Nagar Nala<br>6-Rajpur Drain<br>7-Rang ji ka Bagicha<br>8-Ranapath Ghat | | Yamuna | STP is Running |
| 6.8 MLD STP, Masani, Mathura | 6.8 MLD | Inlet Parameter- pH- 8.5 , BOD-180 , COD-400 , SS-308 , DS- 1518 , TS- 1826 , TC- 280000 , FC-43000<br>Outlet Parameter- pH-8.2 , BOD-25 , COD-200 , SS-72 , DS-1436 , TS- 1508 , TC-2400 , FC-920 . | **06 Nos. Drain/22.50 MLD**<br>1-Chaktirath Nala<br>2-Krishan Ganaga Nala<br>3-Octroi Post Nala<br>4-Jai Singhpura Nala<br>5-Sahaganj Nala<br>6-Masani Nala | 0 | Yamuna | STPs in operational |
| 30 MLD STP, Masani, Mathura | 30 MLD | Inlet Parameter- pH-8.5 , BOD- 180 , COD-400 , SS- 308 , DS- 1518 , TS-1826 , TC-280000 , FC-43000<br>Outlet Parameter- pH-7.9 , BOD-23 , COD-176 , SS-48 , DS-1356 , TS-1404 , TC-2500 , FC-910 | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 14.5 MLD STP, Trans-Yamuna, Jamunapar, Mathura | 14.5 MLD | Inlet Parameter- pH-8.4 , BOD-200 , COD-432 , SS-328 , DS-1476 , TS-1804 , TC- 210000 , FC-38000<br><br>Outlet Parameter- pH-8.1 , BOD-26 , COD- 208 , SS-80 , DS-1528 , TS-1608 , TC- 3100 , FC-810 . | **08 Nos. Drain/3.37 MLD**<br>1-Ashkunda Ghat<br>2-Bangali Ghat<br>3-Chintaharan Nala<br>4-Daula Maula Nala<br>5-Gaughat Nala<br>6-Rani Ghat Nala<br>7-Swami Ghat Nala<br>8-Vishram Ghat Nala | | Yamuna | STPs in operational |
| 16 MLD STP, Trans Yamuna, Laxmi Nagar, Mathura | 16 MLD | Inlet Parameter- pH- 8.5 , BOD-190 , COD-448 , SS-302 , DS- 1488 , TS- 1790 , TC-240000 , FC-33000<br><br>Outlet Parameter- pH-7.8 , BOD-22 , COD-184 , SS-56 , DS-1426 , TS- 1482 , TC- 2600 , FC-920 . | **06 Nos. Drain/24.09 MLD**<br>1-Dhruv Ghat Nala<br>2-Cantt Nala<br>3-Satrangi Nala<br>4-Mahadev Ghat Nala<br>5-Dairy farm Nala<br>6-Ambhakhar Nala (Partially Tapped) | 8.09 MLD | Yamuna | 01 drain which is partially tapped(Ambakhar drain) will be diverted to 60MLD STP is Proposed |

| | | | | | | |
|---|---|---|---|---|---|---|
| 2.76 MLD STP, Uddhav kund, Goverdhan, Mathura | 2.76 MLD | Inlet Parameter- pH-8.6, BOD- 205, COD-416, SS- 388, DS- 1556, TS-1944, TC- 350000, FC-47000<br><br>Outlet Parameter- pH-8.0 , BOD-25, COD-160, SS-74, DS-1208, TS-1282, TC-94000, FC- 21000 . | 01 Nos. drain<br><br>1.5MLD | 0 | Yamuna | STP in operational |

## (IV) Performance of STPs particularly for FC

Monitoring of STPs Installed for Revival of River Yamuna.

| S.N. | Name of STP | Date of Sampling | Sampling Point | Colour (Hazen) | pH | BOD (mg/l) | COD (mg/l) | TSS (mg/l) | Total Coliform MPN/100 ml | Fecal Coliform MPN/100 ml |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 08 MLD STP, Near 100 beded Hospital, Vrindavan Mant road, Mathura | 05.03.2024 | Final Outlet of STP | Slightly Turbid | 8.1 | 24 | 168 | 60 | 2400 | 830 |
| 2 | 6.8 MLD STP, Masani, Mathura | 05.03.2024 | Final Outlet of STP | Turbid | 8.2 | 25 | 200 | 72 | 2400 | 920 |
| 3 | 30 MLD STP, Masani, Mathura | 05.03.2024 | Final Outlet of STP | Slightly Turbid | 7.9 | 23 | 176 | 48 | 2500 | 910 |
| 4 | 04 MLD STP, Vrindavan, Near Pagal baba mandir, Mathura | 05.03.2024 | Final Outlet of STP | Turbid | 8.2 | 25 | 224 | 80 | 2700 | 930 |
| 5 | 14.5 MLD STP, Trans-Yamuna, Jamunapar, Mathura | 05.03.2024 | Final Outlet of STP | Slightly Turbid | 8.1 | 26 | 208 | 80 | 3100 | 810 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 16 MLD STP, Trans Yamuna, Laxmi Nagar, Mathura | 05.03.2024 | Final Outlet of STP | Slightly Turbid | 7.8 | 22 | 184 | 56 | 2600 | 920 |
| 7 | 2.76 MLD STP, Goverdhan, Mathura | 05.03.2024 | Final Outlet of STP | Slightly Turbid | 8.0 | 25 | 160 | 74 | 94000 | 21000 |

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

- Total sewage generated is being discharged to River Yamuna.

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

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

**(VII) Current Gap in sewage treatment :**

- Total sewage generation – 110 MLD (NAGAR NIGAM MATHURA VRINDAVAN)
- Sewage Treatment at present – 82.06 MLD
- Gap – 27.94 MLD (9.74 %)
- Sewage Treatment After the operation of all STPs on full capacity – 167.06 MLD

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

● There is a time-bound plan, a proposal to minimize the gap - One STP 60 MLD capacity is proposed for treatment of sewage of Gokul Barrage, Near Water Treatment Plant, One STP 13 MLD, Near Sant Samadhi Sthal, Vrindavan, Mathura One STP 12 MLD, Mohalla Nadu Vas, Near Railway line, Kosi Mathura, One STP 06 MLD, Village Daddigarhi Chhata.

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

● The untreated sewage either through untapped drains or partially tapped have been treated through the Bioremediation mechanism before is being discharged to the Yamuna river. Currently there are 6 drains namely; Aurangabad U/S , Aurangabad D/S, Kalapthar, Ambakhar, chaitanya vihaar-I & chaitanya vihaar-II (which are untapped and partially tapped to STP) are being treated through Bioremediation mechanism. The in-situ remediation process will continue until these drains are diverted to STPs.

**2.2- Drains joining Ganga and Tributary**

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

| Drain (city/ town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ambakhar drain | 26.49 | 26.49 | 8.2 | 62 | 284 | 142 | 2216 | Fe-2.9479, Cr-ND, PB-ND, As-0.005 Mn-0.1715, Cu-0.0053, Zn-0.3383, Hg-ND, Fluoride-0.919 | 4.164 | 0 | 84000 | 21000 | 26.49 | Turbid | Yamuna river |
| Kala Patthar | 7.64 | 7.64 | 8 | 44 | 168 | 124 | 1792 | Fe-2.4270, Cr-ND, PB-ND, As-0.006 Mn-0.4350, Cu-0.0316, Zn-0.3302, Hg-ND, Fluoride-1.262 | 2.126 | 0 | 7900 | 2700 | 7.64 | Slightly Turbid | Yamuna river |
| U/s Aurangabad Drain | 1.98 | 1.98 | 7.9 | 40 | 152 | 110 | 1924 | Fe-1.5988, Cr-ND, PB-ND, As-0.003 Mn-0.2108, Cu-0.0841, Zn-0.2064, Hg-ND, Fluoride-0.941 | 1.278 | 0 | 5800 | 2100 | 1.98 | Turbid | Yamuna river |
| D/s Aurangabad Drain | 1.46 | 1.46 | 8 | 42 | 176 | 84 | 1786 | Fe-1.8125, Cr-ND, PB-ND, As-0.007, Mn-0.2612, Cu-0.0578, Zn-0.5975, Hg-ND, Fluoride-1.127 | 1.399 | 0 | 6300 | 2600 | 1.46 | Slightly Turbid | Yamuna river |
| Chaitanya Vihar Drain (Sunrakh-1) | 3.34 | 3.34 | 8.1 | 60 | 216 | 158 | 2120 | Fe-3.5624, Cr-ND, PB-ND, As-0.007, Mn-0.3285, Cu-0.2154, Zn-0.4922, Hg-ND, Fluoride-1.062 | 0.618 | 0 | 21000 | 3800 | 3.34 | Greyish | Yamuna river |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chaitanya Vihar Drain (Sunrakh-2) | 0.56 | 0.56 | 7.7 | 54 | 184 | 118 | 1874 | Fe-3.2284, Cr-ND, PB-ND, As-0.002, Mn-0.4182, Cu-ND, Zn-0.0224, Hg-ND, Fluoride-1.141 | 0.509 | 0 | 14000 | 3100 | 0.56 | Slightly Greyish | Yamuna river |
| Sewage Farm Drain (Kosi) | 5.64 | 5.64 | 8.3 | 110 | 304 | 164 | 2036 | Fe-2.1598, Cr-ND, PB-ND, As-0.004, Mn-0.4294, Cu-0.1191, Zn-0.0359, Hg-ND, Fluoride-1.119 | 0.598 | 0 | 110000 | 33000 | 5.64 | Greyish | Yamuna river |
| **Refinery Drain** | Consented capacity 169 m3/hr | 100-140m3/hr | 6-8 | 9-14 | 90-120 | 10-19 | 2500-4000 | T.cr- 0.12, Pb-ND, Cu-ND(DL-0.1), Zn- 2.9, Hg-ND(DL-0.005) | * | * | * | * | 100-140m3/hr | Turbid | Yamuna river |

**Note-* These parameters are not tested by IOCL Refinery Mathura.**

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

| Name of Towns | Total Sewage Generation (MLD) |
|---|---|
| **NP BAJANA** | **16.354** |
| **NP CHAUMUHA** | **20.65** |
| **NP CHHATA** | **36.906** |
| **NP GOVERDHAN** | **10.8** |
| **NP RADHA KUND** | **11.777** |
| **NP MAHAVAN** | **17.240** |

| | |
|---|---|
| **NP RAYA** | **33.467** |
| **NP BALDEO** | **18.543** |
| **NP GOKUL** | **7.708** |
| **NP SONKH** | **18.816** |
| **NP NANDGOAN** | **1.50** |
| **NP KOSIKALAN** | **5.64** |
| **NP FARAH** | **16.326** |
| **NP BARSANA** | **10.20** |

**Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs:** Already operational STP of 82.06 MLD is utilizing 100% capacity and all concerned drains have been Tapped. 04STPs are proposed of 60MLD, 13MLD, 12MLD, 06MLD.

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

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

- Septage Management in the Nagar Nigam jurisdiction is carried out through Co-treatment plant. Co-treatment plant of capacity 25 KLD is operational at 14.5 MLF STP at Laxmi Nagar, where in addition to treating the domestic sewage transported through a sewerage network, treatment of faecal sludge and septage emptied from various Onsite Sanitation Systems prevalent in the city is carried out.

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

- 30 out of 36 major drains in Mathura Vrindavan carrying grey water are tapped to STPs. Work of tapping remaining 6 drains by construction of STP is also underway, but as a remedial measures 6 drains namely; Aurangabad U/S , Aurangabad D/S, Kalapthar, Ambakhar, chaitanya vihaar-I & chaitanya vihaar-II (which are untapped and partially tapped to STP) are being treated through Bioremediation mechanism. The in-situ remediation process will continue until these drains are diverted to STPs.

**2.4- Industrial Pollution Control**

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

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial hazardous waste generated / year | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| A.N. LEATHER PVT. LTD.(PHOENIX IND) NH-2, FARAH, MTR | ZLD | ZLD | As per analysis report within norms | 0 | N/A | - | 60 MT/A | Through TSDF |
| Brindavan Agro Industries Pvt. Ltd., Shergarh Road, Chhata, Mathura | 1500 KLD | 1500 KLD | As per analysis report within norms | 0 | N/A | - | 40 MT/A | Through TSDF |
| INDIAN OIL CORPORATION LTD, MTR REFINERY, MTR | 13.968 MLD | 13.968 MLD | As per analysis report within norms | 0 | N/A | - | 20140 MT/A | Through TSDF |
| S.P.S. Procesurs, Ind. Area, Kosi Kotvan, Mtr. | ZLD | ZLD | As per analysis report within norms | 0 | N/A | - | 5010 MT/A | Through TSDF |
| SHRI BRIJRAJ CLOTH PRINTING CO., SHIVAJI NAGAR, MTR | 500 KLD | 500 KLD | As per analysis report within norms | 0 | N/A | - | 60 MT/A | Through TSDF |
| Varun Beverages, Ltd., Dautana Chaata, Mtr. | 1100 KLD | 1100 KLD | As per analysis report within norms | 0 | N/A | - | 3.652 MT/A | Through TSDF |
| VINAYAK FIBRES P. LTD., KOTWAN KOSI, MTR | ZLD | ZLD | As per analysis report within norms | 0 | N/A | - | 65 MT/A | Through TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Bhole Baba Milk Food Ind. Ltd., Dautana, Chhata, Mtr. | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 50 MT/A | Used in Agriculture |
| Calpro Sepecelitis Pvt. Ltd. (Mahan Protein ltd.) Barhana, Nand Gaon Road, Kosi, Mathura | 90 KLD | 90 KLD | As per analysis report within norms | 0 | N/A | - | 30 MT/A | Used in Agriculture |
| GINNI FILAMENTS LTD., CHHATA, MTR | 1250 KLD | 1250 KLD | As per analysis report within norms | 0 | N/A | - | 65 MT/A | Through TSDF |
| BUDHSEN VASUDEV, SHIVAJI NAGAR, MTR | 150 KLD | 150 KLD | As per analysis report within norms | 0 | N/A | - | 5 MT/A | Through TSDF |
| CUSPY METALICS, NH-2, GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| ESS KAY METALIC INDUSTRIES, SAUNK ROAD, KRISHNA NAGAR, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| KUMAR METALS, SAONKH ROAD KRISHNA NAGAR, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MAYUR INDUSTRIES, NH-2, GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RAMA METAL, SAUNK ROAD KRISHNA NAGAR, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| CHANCAL ELECTR. (PREM SINGH ELE.), SAUNKH ROAD, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RADHIKA SANITATION, E-86, IND. AREA, SITE A, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| AGRAWAL SILVER PLATERS, GAUR KENDRA, MATHURA. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BANKEY BIHARI NICKLE PLANT, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BANKEY BIHARI VIBRATOR, GAUR UDYOG KENDRA, N.H.- 2, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BRIJ POLISHERS, PLOT NO. E- 48, INDUSTRIAL AREA, SITE- A, MATHURA, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BRIJWASI SILVER AND VIBRATOR, TRIVENI COMPLEX, MATHURA. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| KAPIL ELECTROPLATERS, TRIVENI COMPLEX, MATHURA. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MAHESH NICKLE/VIBRATOR PLANT, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MASTER SILVER PLATERS, BRIJWASI COMPLEX, INFRONT OF OM TEXTILE,SARASWATI KUND, MATHURA. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MATHURA SILVER PLATERS, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| NOORIE ELECTROPLATERS, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| PAVAN INDUSTRIES, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RAJ INTERPRISES , KARSHNI COMPLEX MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| ROYAL SANITATION PVT, GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| SHRI KRISHNA PLUMBING, TRIVENI COMPLEX, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| STATUS SAINITECH PVT LTD, S-2, IND. AREA, SITE A, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| AGRAWAL & CO, Saraswati kund, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GUDDU VERMA VIBRATOR, GAUR KENDRA, MATHURA GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RAJU VIBRATOR, BRIJWASI GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| TARUN ELECTROPLATERS, GAUR UDYOG KENDRA, PLOT NO.-23-31, OPP. GOKUL RESTAURANT, NH-2, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GOYAL SILVER PLATERS (M.M.), GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| GURU JI INDUSTRIES TRIVENI COMPLEX, MATHURA. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| HARNAM MATELS, SANUK ROAD, KRISHNA NAGAR, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| Maha Gauri Electroplaters ( Balaji Sanitation), E-60, Site-A, Mathura. | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| OM POLISHING WORKS, KARSHNI COMPLEX, GOVERDHAN RAOD, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RADIKA PLUMBINGS (EVEREST METAL), E-50, IND. AREA, SITE A, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| SHIVANGI VIBRATORS, GAUR KENDRA,MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| SHRI BANKEY BIHARI ELECTROPLATERS, TRIVENI COMPLEX, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| SHRI JI ELECTROPLATERS, D-48, IND. AREA, SITE A, MTR | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| VERMA ELECTROPLATERS, GAUR KENDRA, MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| VERMA SILVER WORKS, GAUR KENDRA,MATHURA | 0.5 KLD | 0.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| ANIL CLOTH STORE, C-64, IND.AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| ANURADHA TEXTILES,. GANESHRA ROADM MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| BALAJI TEXTILE, SARASWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| BALAJI TEXTILES PRINTERS, E-70, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BRIJ SAREE UDYOG, SHIVAJI NAGAR, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| CHHAIL B. AGRAWAL SAREE KARKHANA, SARASWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| DAYAL PRINTS , SHIVAJI NAGAR, MTR | 175 KLD | 175 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| DILEEP SAREE CENTRE, SHIVAJI NAGAR, MTR | 200 KLD | 200 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GANESH TEXTELS, SARSWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| GAURI PRINTS (G.S.DASKAPREYWALA). E-84, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| GHANSHYAMDAS KAPDEWALA II, E-84, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GOPI KISHAN SAREE HOUSE, G-62, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| HANUMAN TEXTILES, SARASWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| HAR PRASAD SAREE AJAMPUR SARSWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| KEDAR DYEING, SARSWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| KRISHNA PRINTERS, SARSWATI KUND, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MADAN MOHAN GOYAL, C-35, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| MAHESH PRINTS, SARSWATI KUND, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MAHESH SAREE HOUSE, SARSWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MANOJ TEXTILES, SARSWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MATHURA TEXTILES, E-75, 76, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| MATHURA TRADING CO., E-68, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| MINI PRODUCTS (KRISHNA PRINTS), C-36.,IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| NAINA ENTERPRISES(REKHA SAREE),.JAISINGHPURA BANGER, MTR | 100 KLD | 100 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| NATIONAL TEXTILES, C-37, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| New Name Sri Ji Textils (UMESH SAREE CENTRE), SHIVAJI NAGAR, MTR | 250 KLD | 250 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| OM TEXTILE MILLS, SARSAWATI KUND, MTR | 500 KLD | 500 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| RADHA TEXTILES, GOVERDHAN ROAD, MATHURA | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| RADHIKA PRINTS, C-51, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RAMESH CHAND AGRAWAL, C-48, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| RAMJI PRINTS, SARASWATI KUND, MTR | 200 KLD | 200 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |

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|---|---|---|---|---|---|---|---|---|
| RAMRASIYA TEXTILES, DEVIPURA, MATHURA | 300 KLD | 300 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| SANJAY TEXTILES (ANCHAL SAREE), DEVIPURA, BYE-PASS, MATHURA | 400 KLD | 400 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| SATISH DYEING, SARSWATI KUND, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| SIDH VINAYAK IND., S-9, IND. AREA, SITE A, MTR | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| SUREKA PRINTS , DEVIPURA, NH-2, MTR | 200 KLD | 200 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| UPMA SAREE CENTRE, SHIVAJI NAGAR, MTR | 150 KLD | 150 KLD | No | 0 | N/A | Clouser Order Issued By H.O. | 1 MT/A | - |
| VRINDAVAN TEXTILES, SHIVAJI NAGAR, MTR | 200 KLD | 200 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| AQUA PLUMBING PVT.LTD., GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| BHARAT METAL WORKS, D-63, IND. AREA, SITE A, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| CARTOON SANITAION, NH-2, GAUR KENDRA, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| GENERAL PLUMBING, TRIVENI COMPLEX, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| MATHURA AUDYOGIK CHHETRA "A" PRADUSHAN NIVARAN CO. (C.E.T.P.) SITE-A, MTR | 6.25 MLD | 6.25 MLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| New Name Aqua dynamic (METAL MAN INDIA), KRISHNA NAGAR, MTR | 1.5 KLD | 1.5 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| Om Sai Tex, Ind. Area, Kosi Kalan, Mtr. | 200 KLD | 200 KLD | As per analysis report within norms | 0 | N/A | - | 33 MT/A | Through TSDF |
| SWARN TEX PRINTS , KOTWAN KOSI, MTR | 500 KLD | 500 KLD | As per analysis report within norms | 0 | N/A | - | 60 MT/A | Through TSDF |
| M/s R.K. Export (Old Name-RAGHAV FABRICS/OM DYERS), E-56, IND. AREA, KOSI KOTWAN,MATHURA. | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 50 MT/A | Through TSDF |
| Garg Textiles, C-52, Ind. Area, Site-A, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 38 MT/A | Through TSDF |
| Harish Print (Ghanshyam Print), E-77-79, Ind. Area, Site-A, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 40 MT/A | Through TSDF |
| National Process/National Screen, E-83, Ind. Area, Site-A, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 35 MT/A | Through TSDF |
| Riddhi Siddhi Print, D-73, Ind. Area, Site-A, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 33 MT/A | Through TSDF |

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|---|---|---|---|---|---|---|---|---|
| Calpro Sepecelitis Pvt. Ltd. (Mahan Protein ltd.) Barhana, Tumhera Road, Kosi Kalan, Mathura | 5.8 MLD | 5.8 MLD | As per analysis report within norms | 0 | N/A | - | 200 MT/A | Through TSDF |
| Jain Cord Pvt. Ltd, Chhata, Mathura | 300 KLD | 300 KLD | As per analysis report within norms | 0 | N/A | - | 1 MT/A | Through TSDF |
| Pepsico India Holding Pvt. Ltd, Q-1, Kosi Kotwan Ind. Area Exp.-II, Mathura | 820 KLD | 820 KLD | As per analysis report within norms | 0 | N/A | - | 40259 MT/A | Through TSDF |

**(3) Water quality status**

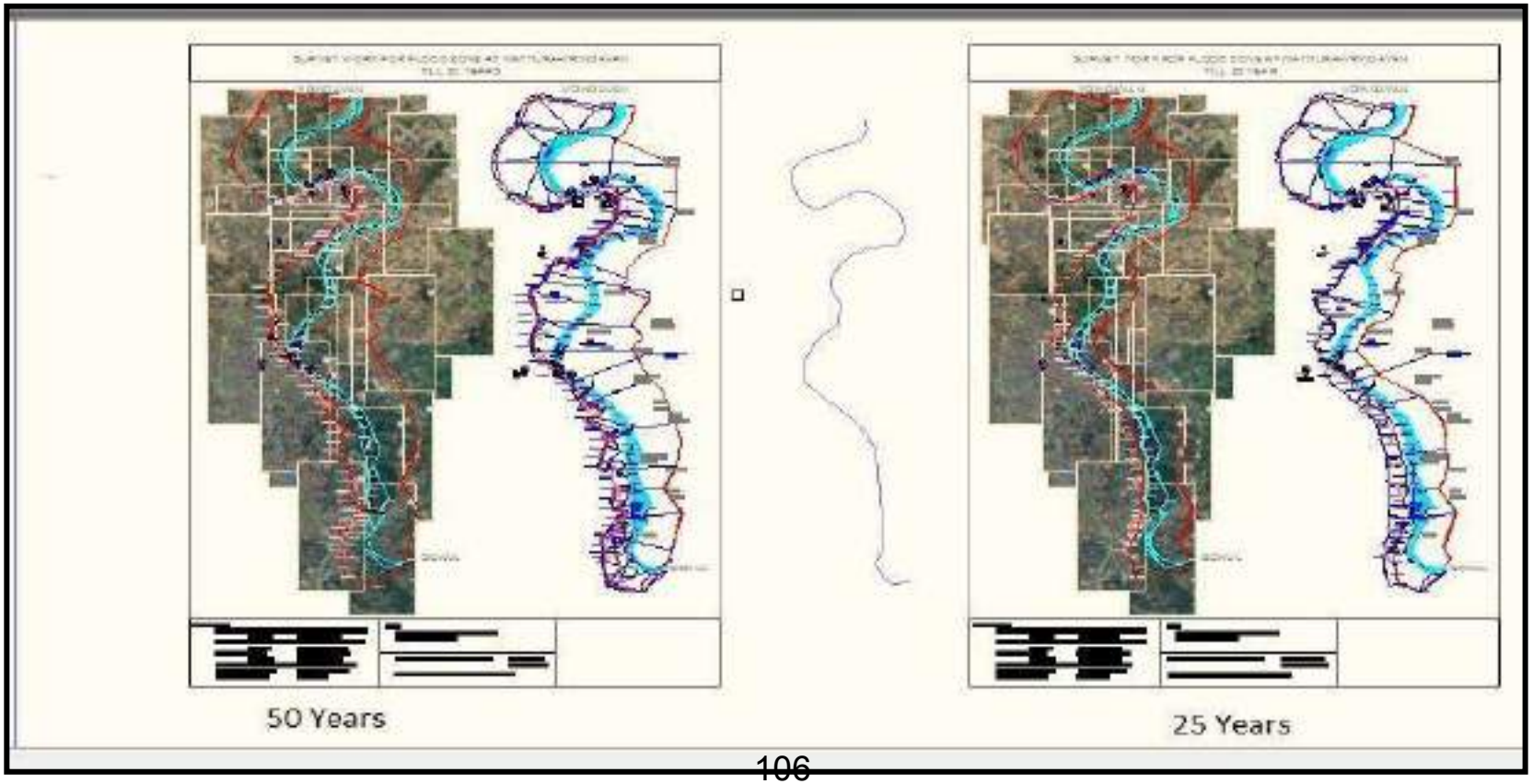
Provide water quality status of Ganga and its tributaries in the District and city/ town in terms of its fitness for Bathing water quality that is, FC and FS:

| S.N. | River Name | Sampling Point | Sample Date | Colour (Hazen) | Odour | pH | Conductivity (µS/c) | TDS (mg/l) | DO (mg/l) | BOD (mg/l) | COD (mg/l) | Total Hardness (mg/l) | Ca Hardness (CaCO3) (mg/l) | Mg Hardness (CaCO3) (mg/l) | Chloride (mg/l) | Sulphate (mg/l) | Total Coliform |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | U/s Yamuna River Shahpur | Up Stream | 19.02.2024 | 20 | Odour Less | 7.8 | 708 | 690 | 4.6 | 14.6 | 48 | 226 | 148 | 78 | 188 | - | 94000 |
| 2 | D/s Yamuna River Shahpur | Down Stream | 19.02.2024 | 20 | Odour Less | 7.9 | 728 | 716 | 4.2 | 15.4 | 56 | 238 | 166 | 72 | 206 | - | 110000 |
| 3 | U/s Yamuna River Vrindavan | Up Stream | 19.02.2024 | 20 | Odour Less | 7.7 | 588 | 546 | 6.0 | 9.0 | 32 | 180 | 112 | 68 | 178 | - | 49000 |
| 4 | D/s Yamuna River Vrindavan (Kesi Ghat) | Down Stream | 19.02.2024 | 20 | Odour Less | 7.4 | 694 | 680 | 5.2 | 10 | 44 | 172 | 108 | 64 | 194 | - | 70000 |
| 5 | U/s Yamuna RiverMathura (Gau Ghat) | Up Stream | 19.02.2024 | 20 | Odour Less | 7.6 | 662 | 636 | 5.0 | 10.8 | 48 | 226 | 160 | 66 | 176 | - | 79000 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | D/s Yamuna River Mathura (Dhruv Ghat) | Down Stream | 19.02.2024 | 20 | Odour Less | 7.8 | 692 | 668 | 4.6 | 13.4 | 56 | 242 | 174 | 68 | 186 | - | 120000 |
| 7 | Vishram Ghat | Mid Stream | 19.02.2024 | 20 | Odour Less | 7.7 | 712 | 694 | 4.8 | 12.4 | 48 | 240 | 164 | 76 | 184 | - | 94000 |
| 8 | U/s Gokul Barrage | Up Stream | 19.02.2024 | 20 | Odour Less | 8.0 | 676 | 624 | 5.8 | 10.2 | 28 | 186 | 120 | 66 | 168 | - | 63000 |
| 9 | D/s Gokul Barrage | Down Stream | 19.02.2024 | 20 | Odour Less | 8.1 | 716 | 632 | 5.4 | 11.8 | 40 | 208 | 128 | 80 | 184 | - | 79000 |

**(4) Notification of Flood Plain Zones:**

In order to remove encroachment from the flood plain zone, it is to be informed that in accordance with the instructions given in point no. 4 of Government Order No. 1149/19-27-Si-3-52 L/18/ dated October 17, 2018, Encroachment from the area will be removed by the Municipal Corporation.



**(5) Issues relating to Environmental Flow:**

| Si No. | Location of Barrage | Minimum flow releasing downstream near the barrage (in Cumec) (October to May) | Minimum flow releasing downstream near the barrage (in Cumec) (June to Sept) |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 1 | Gokul Barrage (Mathura) | 31 | 51 |

अधिशासी अभियन्ता,
सिंचाई एवं ग्रामीण
पेयजल निगम,
मथुरा।

परियोजना प्रबंधक,
यमुना प्रदूषण नियंत्रण इकाई, उ0प्र0
जल निगम, आगरा।

अधिशासी अभियन्ता,
अपर आगरा कैनाल,
मथुरा

for क्षेत्रीय अधिकारी,
उ0प्र0 प्रदूषण नियंत्रण बोर्ड,
मथुरा

D. BARUA
मुख्य प्रबंधक,
इंडियन ऑयल कॉर्पोरेशन लिमिटेड,
मथुरा, रिफाइनरी, मथुरा।

अधिशासी अभियन्ता
निर्माण खण्ड
उ0प्र0 जल निगम (ग्रामीण)
मथुरा

जिला खनन अधिकारी,
मथुरा
खान अधिकारी
मथुरा

नगर आयुक्त,
नगर निगम, मथुरा–वृन्दावन, मथुरा

अपर जिलाधिकारी,
वित्त एवं राजस्व/प्रभारी अधिकारी स्थानीय निकाय,
मथुरा

प्रभागीय निदेशक/
सदस्य संयोजक, जिला गंगा समिति,
मथुरा

मुख्य विकास अधिकारी/
नोडल अधिकारी, जिला गंगा समिति,
मथुरा

जिलाधिकारी/अध्यक्ष
जिला गंगा समिति,
मथुरा

33438



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## Best practices

- Projects/ Benefits in the last 3 years (Namami/ Amrit 2.0):- Under the Namami Gange Project, UP Jal Nigam RURAL Mathura constructed 91 MLD sewage treatment Plant for the Treatment of Sewerage water. Through this 91 MLD STP, the untreated sewerage is stopped which directly flows into the River Yamuna, the tributary of River Ganga.

- Regular online continuous monitoring system of all the ETPs.

- Upgradation of CETP by NMCG.

- Forest department organizes awareness programs on regular basis like Wetland day, World Environment day, World Water day, Tree plantation day. The purpose of organizing to these programs is just to aware students and common people about importance of these days.






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

# Report in Compliance of Hon'ble NGT order Dated 24.01.2024 in

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

***Report Submitted By :-***

**DISTRICT GANGA COMMITTEE**

**DISTRICT SAHARANPUR**

**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014)**
ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| 1. | That STPs installed, are underutilized and that treated effluents are discharged into the drains carrying untreated waste water thereby defeating the very purpose of the efficacy of STPs. | 38 MLD working in Malhipur- Shahranpur<br>135 Purposed at Malhipur- Nearby old STP loction in Saharanpur. |
| 2. | The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains. | 137.89 MLD |
| 3. | the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | Running STP 38 MLD MALHIPUR<br>GEO 29.93709, 77.55066.<br>138 MLD quanity<br>Water quality - 25<br>Class-E<br>Disposed in hindon river |
| 4. | These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them. | Registered Industries is adopting ZLD system but many unauthroiszed industries are discharging untreated effulent without any treatment. |
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP | 135 MLD STP PROPOSED, SITE GEO<br>29.93517, 77.55554 |

| | | |
|---|---|---|
| | with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | |
| 6. | Mention heavy metals analysis in respect of discharge from each of the drain in the report. | heavy metals analysis report<br>1. Dhamola drain:-Total Chromium:-ND, Copper;- ND Lead:-ND, Iron;- ND , Zinc:- 0.0250, Manganese:-0.0757, Arsenic:-ND, Mercury:- ND<br>2. Star paper Mill drain;-Total Chromium:-ND, Copper;- ND Lead:-ND, Iron;- ND , Zinc:- 0.0250, Manganese:-0.0623, Arsenic:- ND, Mercury:- ND<br>3. Bajaj Sugar Drain:- Drain is Dry.<br>4. Nagdei Drain:-Total Chromium:-ND, Copper;- ND Lead:-ND, Iron;- ND , Zinc:- 0.0310, Manganese:-0.0690, Arsenic:- ND, Mercury:- ND<br>5. Thaska Drain:-Total Chromium:-ND, Copper;- ND Lead:-ND, Iron;-0.0642 , Zinc:- 0.0370, Manganese:-0.0891, Arsenic:-ND, Mercury:- ND.<br>6. Badjhai Khurd drain:-Total Chromium:-Not detected, Copper;-0.0330, Lead:-Not detected, Iron;-10.7179, Zinc:-0.2506, Manganese:-0.3908, Arsenic:-0.004, Mercury:-Not detected.<br>7. Daya sugar drain:- Dry Drain. |

## 1. SEWAGE

| Drain (city/town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals(Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color / odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dhamola Drain | 6000 | 6 | 7.3 | 42 | 48 | 140 | 994 | Total Chromium:-ND, Copper;- ND Lead:-ND, Iron;- ND , Zinc:- 0.0250, Manganese:-0.0757, Arsenic:- ND, Mercury:- ND | 3.5 | 360000 | 490000 | Latitude:- 29.952502, Longitude:- 77.552007 | 35 HZN | Hindon |
| Star Paper Mills Drain | 9998.4 | 9.99 | 7.3 | 34 | 142 | 72 | 804 | Total Chromium:-ND, Copper;- ND Lead:-ND, Iron;- ND , Zinc:- 0.0250, Manganese:-0.0623, Arsenic:- ND, Mercury:- ND | 0 | 3900 | 3300 | Latitude:- 29.931127 Longitude:- 77.590427 | 400 HZN | HIndon |
| Bajaj Sugar Drain | 6998.4 | 6.99 | 6.8 | 36 | 184 | 88 | 1148 | Dry Drain | 0 | 40000 | 39000 | Latitude:- 29.808171L ongitude- 77.577731 | 30 HZN | HIndon |
| Nagdei Drain | 998.4 | 0.998 | 7.2 | 34 | 12 | 154 | 912 | Total Chromium:-ND, Copper;- ND Lead:-ND, Iron;- ND , Zinc:- 0.0310, Manganese:-0.0690, Arsenic:- ND, Mercury:- ND | 0 | 5500 | 4700 | Latitude:- 29.973158 Longitude- 77.613103 | 50 HZN | Krishni |
| Thaska Drain | 12000 | 12 | 7.5 | 34 | 240 | 382 | 1346 | Total Chromium:-ND, Copper;- ND Lead:-ND, Iron;-0.0642 , Zinc:- 0.0370, Manganese:-0.0891, Arsenic:- ND, Mercury:- ND | 0 | 550000 | 460000 | Latitude:- 29.710753 Longitude- 77.447862 | 50 HZN | Kali (West) |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Badhai Khurd Drain | 7999.2 | 7.99 | 7.4 | 62 | 2016 | 338 | 1326 | Total Chromium:-Not detected, Copper;-0.0330, Lead:-Not detected, Iron;-10.7179, Zinc:- 0.2506, Manganese:-0.3908, Arsenic:-0.004, Mercury:-Not detected. | 0 | 440000 | 290000 | Latitude:-29.618508 Longitude-77.653038 | | HIndon |
| Daya Sugar Drain | DRY | | | | | | | | | | | | | |

## 2. STP for treating the sewage of the drains ultimately flowing to river ganga or its tributaries

| **Existing STP (location & capacity)** | **Capacity (operational)** | **Inlet/ Outlet water quality & quantity** | **Number of tapped drains (quantity of discharge)** | **GAP (in treatment)** | **Final discharge point** | **Proposed/ under construction STP With completion date** |
|---|---|---|---|---|---|---|
| 38 MLD STP jal Nigam, Malhipur Road, Saharanpur | 38 MLD | Inlet ph-7.6 BOD 160, COD, 356, TSS 132,<br>Outlet ph-7.4 BOD 25, COD, 180, TSS 44 | 1 | 99.89 | Dhamola River | Proposed for 135 MLD |

### 2.1 STP ADDITIONAL INFORMATION

| **NAME OF DRAIN** | **POSITION OF STP WITH CAPACITY** | **GEO/COORDINATES** | **DISCHARGE QUANTITY FROM THE STP IN THE DRAIN** | **TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER** |
|---|---|---|---|---|
| Dhamola Drain | 38 MLD STP, Jal Nigam, Malhipur road, Saharanpur | 2999.93615, 77.55228 | 38 MLD | 135 MLD |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/Outlet water quality & quantity | Number of tapped drains(quantity of discharge) | GAP (in treatment) | Final discharge Point Geo code/ sampling point | Proposed/Under Construction STP With Completion Date |
|---|---|---|---|---|---|---|
| Malhipur Saharanpur city 135MLD | 38MLD | Class c/38MLD | 1 Partially tapped /38MLD | 97 MLD | Dhamola drain | 135 MLD STP budget passed by NMCG 2027 (approax) |

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

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| Hotel The Oasis, Delhi Road, Saharanpur | Grant (07/2023) | Not Installed | Through Septic Tank / Soak pit | Notice sent |
| Hotel Lemon International, Ghantaghar Saharanpur | Grant (12/2018) | Not Installed | Through Septic Tank / Soak pit | Notice sent |
| Hotel Punjab, GPO Road, Saharanpur | Grant (07/2024) | Not Installed | Through Septic Tank / Soak pit | Notice sent |
| The Hotel Clark International, Dehradun Road, Saharanpur | Grant (07/2024) | Not Installed | Through Septic Tank / Soak pit | Notice sent |
| Royal Residency Ambala Road, Saharanpur | Grant (12/2020) | Not Installed | Through Septic Tank / Soak pit | Notice sent |
| Hotel Uttam Pvt. Ltd., Ambala Road, Saharanpur | Grant (12/2019) | Not Installed | Through Septic Tank / Soak pit | Notice sent |
| Hotel The Taj, Mission Compound, Saharanpur | Grant (12/2020) | Not Installed | Through Septic Tank / Soak pit | Notice sent |
| Hotel Skylark, Ambala Road, Saharanpur | Grant (03/2021) | Not Installed | Through Septic Tank / Soak pit | Notice sent |
| Silver Exocitca Hotel ltd, Ismailpur,ambala road, Saharanpur | Pending | Installed (50 KLD) | | |

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

| **Total number of Industries** | **Daily effluent discharge** | **Treatment available (cetp/ petp/ etp operational capacity)** | **Effluent quality analysis (outlet of treatment plants Geo code sampling point)** | **GAP** | **Proposed/ under construction treatment project (with timeline)** | **Number of defaulting units- Action taken** | **Industrial solid waste generated/ day** | **Manner of disposal (Industrial solid waste)** |
|---|---|---|---|---|---|---|---|---|
| A.L.M. Industries (Slaghter House Unit) Haroda, Saharanpur | 150 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Anmol Textile, Janta Road, Saharanpur | 24 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Arora Hoiesery, Janta Road, Saharanpur | 16 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Atul Textile, Behat Road, Saharanpur | 19.5 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Bajaj Hindustan Ltd. Distillary Unit, Gagnoli. Saharanpur | ZLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Bajaj Hindustan Ltd. Sugar Unit, Gagnoli, Saharanpur | 2000 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Bombay Hoseiry, Chajjpura, Dehradun Road, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Closure Order issue by board | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Daya Sugar(A unit of B.K. Investment ) Naya Bans, Gagalheri, Saharnapur | 500 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Deep Industries, I.E. Delhi Road, Saharanpur | 20 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Durga Straw Board, Nonauta, Saharanpur | 16 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Durga Textile, Janta Road, Saharanpur | 16 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Ekta Textile, Janta Road, Saharanpur | 16 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Ganpati Textile, Janta Road, Saharanpur | 33 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Garg Dyeing, Janta Road, Saharanpur | 18 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Hindon Filter (P) Ltd. Saharanpur | | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Hindon Filter (P) Ltd. Unit 2 Village Kolki Kalan Saharanpur | 50 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| J.J. Textile, Janta Road, Saharanpur | 17 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Jila Panchayat, Pashubadhshala, Gangoh, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Kisan Co-Oprative Sugar Mills Ltd. Sarsawa, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Mak Housary, Tiperpur Janta Road, Saharanpur | 24 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Nagar Nigam, Pashubadhshala, Saharanpur | 25 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Closure Order issue by board | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Nagar Palika Parishad, Pashubadhshala, Gangoh, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Pashupati Dairy (P) Ltd. Dehradun Road, Saharanpur | 270 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Pilakhni Distillary & chemical Works, Pilakhni, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Rainbow Board Mill, (Unit Kraft Paper) Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Closed | Information not available in office record | Disposed by Local Bodies |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| S.M.C. Foods Ltd. Nanauta, Saharanpur | 900 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Saharanpur Textile, Janta Road, Saharanpur | 10 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Saharanpur Wools Ltd. Dehli Road, Saharanpur | 21 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Shah Industries, 18 Medanta Complex, Janta Road, Saharnapur | 20 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Shakumbhri Sugar & Allied Industries Ltd. Toderrpur, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Shakumbhri Sugar & Alliede Industris Ltd. Distillary Unit, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Shalimar Cotton Dyeing, Saharanpur | 20 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Closure Order issue by board | Information not available in office record | Disposed by Local Bodies |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Siddharth Textile, Chilkana Road, Saharanpur | 20 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Star Paper Mill Saharanpur. | 12000 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Super Textile, Village Tiparpur, Janta Road, Saharnapur | 27 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| The Kisan Sahakari Chini Mill, Nanouta, Saharanpur | 1000 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Triveni Engg. & Industries Ltd, Deoband, Saharanpur | 1368 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| U.P. Co-Oprative Co. Ltd. Tapri, Saharanpur | | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Closed | Information not available in office record | Disposed by Local Bodies |
| U.P. Co-Oprative Sugar Factory Nanauta, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Uttam Sugar Mills Ltd. Unit-4, Shermou Nakur, , Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Wave Industries P.Ltd. Bidwi, Saharanpur | | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| Kamal Enterprises, Village Dhamola, Janta Road, Saharaapur | 60 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| General Textiles , Village Dhamola, Janta Road, Saharaapur | 19 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Standard Engineering Works, Industrial Estate, Delhi Road, Saharanpur | 22 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| R.K. Textiles , Gagalheri, Dehradun Road, Saharanpur | 20 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Bharat Enterprises, Rampur Manihara, Delhi Road, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| B.S. Industries, Behind Bhagwan Motors, Delhi Road, Saharanpur | - | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Local Bodies |
| A.L.M. Industries (Slaghter House Unit) Haroda, Saharanpur | 150 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | -- | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |
| Anmol Textile, Janta Road, Saharanpur | 24 KLD | ETP Installed | ETP Installed and working satisfactorily | No Gap | Tertiary Treatment for M/s star paper mill proposed | Show Cause issue | Information not available in office record | Disposed by Nagar Nigam/Industrial Local Bodies |

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

| **Area-cities/ towns** | **Notification of flood plain zone** | **Demarcation** | | **Encroachment & direct discharge**<br>**GeoCode/ Sampling point** | **Encroachment removal status** | **Timeline for completion** |
|---|---|---|---|---|---|---|
| | | **No development zone pillars** | **Regulatory zone pillars** | | | |
| District Saharanpur | There is no Notification regarding Flood Plain Zone of River Yamuna. | Process will be done after Notification | Process will be done after Notification | No Encroachment | Since there is no encroachment along the river bank | As of there is No development pillars and No regulatory zone pillars. |

**6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones**

| **Area- cities/ towns** | **Total plantation / Sampling Point** | **Proposed project** | **Timeline** |
|---|---|---|---|
| Saharanpur -(145 ha ) near Hindon river.<br><br>Plant Species:--*Moringa oleifera*. *Bamboo, Sisam, Kanji, peepal, Pilkhan, Shag, Guava, Amaltas, Aanal, Bel, Mangifera indica.* | 31200 Plantation in year 2023-24<br>Geo Coordinates of plantation near Hindon bank from Initial to ending point:- Jajnar<br>N-30°01'49.163"/E-77°43'11.111"<br>To Paragpur<br>N-29°55'45.533"/E-77°35'39.354" | Wildlife clearance under the annual operational plan of Uttar Pradesh for the year 2023-24 | 2023-24 |

- **Afforestation Plantation list:-**

| **AREA** | **Plantation** | **In Hectares** |
|---|---|---|
| Papdaki Rasoulpur | **6400** | **4.0** |
| Raidi Ahtmal | **9600** | **6.0** |
| Haroda | **6400** | **4.0** |
| Jajnar | **2400** | **1.5** |
| Tashipur Ahtmal | **6400** | **4.0** |
| **Grand Total** | **2,922,00/-** | **19.5/-** |

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

| Sand Mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| District survey reports is prepared and it is also updated at regular intervals. At present 01 sand mining lease is operational in the district | In the month of December,2023 01 FIR has been reported. | In the month of December 2023 action has been taken on 86 cases. (RBM/Sand Mining)of illegal transportation. | Penalties 103.98 Lakh was imposed as per rules. | No Pending case. | - |

| Area of RBM Mining | Overloading illegal transport | Action Taken | Penalty imposed |
|---|---|---|---|
| District survey reports is prepared and it is also updated at regular intervals. At present 02( 36.00+4.20= 40.20Hec.) RBM mining lease is operational in the district | In the month of December 2023 action has been taken on 86 cases. (RBM/Sand Mining)of illegal transportation. | Penalties was imposed as per rules (on 86 vehicles). | Penalties 103.98 Lakh was imposed as per rules. |

# Compliance of Hon'ble NGT order

# Dated 24.01.2023

# In

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

**DISTRICT- SAHARANPUR**

## 1. Sewage Management

i. **Sewage generation (for entire District and individual town wise:-** District Saharanpur– Total Sewage Generation –138 MLD

| Sl no | Name of ULB | Sewage Generation (MLD) |
|---|---|---|
| 1. | Nagar Nigam | 137.89 |
| **Total** | | **137.89** |

ii. **Existing Sewage Treatment Capacities :-** 38 MLD STP, Malhipur Road, Saharanpur.

iii. **Quantity of sewage is being treated (utilization capacity):-** At present – 38 MLD is being treated in STP out of total sewage of 137.89 MLD

iv. **Gap (Untreated Sewage at present)** – 99.89MLD (38.4%)

v. **Sewage Treatment after operation of all STPs on full capacity** – 38 MLD (No gap)

vi. **Performance of STPs particularly for FC :-**

| Name of Drain | GEO/Coordinates |
|---|---|
| Dhamola Drain | Latitude :- 29.952502 Longitude :- 77.552007 |
| Star Paper Mill Drain | Latitude :- 29.931127 Longitude :- 77.590427 |
| Bajaj Sugar Drain | Latitude :- 29.808171 Longitude :- 77.577731 |
| Nagdei Drain | Latitude :- 29.973158 Longitude :- 77.613103 |
| Thaska Drain | Latitude :- 29.710753 Longitude :- 77.447862 |
| Badhai Khurd | Latitude :- 29.618508 Longitude :- 77.653038 |

| STP | Technology | Operational Status | Capacity (operational) | Inlet/Outlet Water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ Sampling point | Proposed/ under constructionSTP With completion date |
|---|---|---|---|---|---|---|---|---|
| 38 MLD STP, Malhipur Road, Saharanpur | JASB | Operational | 100% | | A Partially tapped Drain | 99.89 | 29.920523 77.550674 | 135D STP proposed. |

vii. **Where treated sewage is being discharged (to Ganga or tributaries) :-** Total sewage generated is being discharged to Dhamola Drain and River Hindon.

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

| STP | Operational Status | STP capacity utilization | Reason for under utilization |
|---|---|---|---|
| 38 MLD STP, Jal Nigam, Malhipur Road, Saharanpur | Operational | 100% | - |

ix. **Current Gap in sewage treatment :-**

Total sewage generation – 137.89 MLD
Sewage Treatment at present – 38/- MLD
Total Sewage Treatment quantity after operation of all STPs on full capacity – 99.89 MLD(Gap)

| STP | Technology | Operational Status | Capacity (operational) | Inlet/Outlet Water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|---|---|
| 38 MLD STP, Jal Nigam, Malhipur Road, Saharanpur | UASB | Operational | 100% | | A Partially tapped Drain | 99.89 | 29.936902, 77.553646 | 135 MLD |

x. **Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues :-** 02 STP has proposed in the juridiction of saharanpur yet timeline for proposed STPs provided by concerned authority.

xi. **Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries):** Dhamola Drain.

**2. <u>Drains joining Ganga and Tributary</u>**

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

| S. No. | Drain | Domestic/Industrial/Mixed | Flow (MLD) | Quality Discharge Parameters |
|---|---|---|---|---|
| 1 | Dhamola Drain | Domestic | 6 | pH- 7.5, BOD-44, COD-144, TSS-106 |
| 2. | Star Paper Mill Drain | Industrial | 9.99 | pH- 7.3, BOD-34, COD-120, TSS-48 |
| 3. | Bajaj Sugar Drain | Industrial | 6.99 | pH- 6.6, BOD-34, COD-144, TSS-46 |
| 4. | Nagdei Drain | Domestic | 0.998 | pH- 7.5, BOD-35, COD-172, TSS-124 |
| 5. | Thaska Drain | Mixed | 12 | pH- 7.5, BOD-40, COD-144, TSS-260 |
| 6. | Badhai Khurd Drain | Mixed | 7.99 | pH- 7.6, BOD-64, COD-280, TSS-344 |

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

iii. **Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs:** Already operational STP of 38 MLD is utilizing 100% capacity and all concerned drains have been tapped and 02 STPs are under construction.

**3. <u>Septage management (In case of no STP)</u>**

i. **Status of Septage management (with reference to FSTP/STP):-** 38 MLD STP working with septage in Malhipur Saharanpur.

ii. **Management of Grey water and its disposal:-** Pilot project bio-remediation oxygenation, ozonation and digestion. As per pollution control board Already operational STP of 38 MLD is utilizing 100% capacity.

**iii. Industrial Pollution Control**

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

| Sl. No. | River (Hindon/ Kali West/Krishni | Name of Industries Total no of Water Polluting Inudustres | Total Industrial discharge (MLD) | Treatment facility installed (Primary , secondary and tertiary treatment/ ZLD technology |
|---|---|---|---|---|
| 1 | Hindon | Textiles – 20 Paper Mill-01 Sugar – 02 Distillery -01 | 18.82 | |
| 2 | Kali West | Sugar – 01 | 1.37 | |
| 3 | Krishni | Milk-01, Sugar – 02, | 1.85 | |

| | | | |
|---|---|---|---|
| | Total | 22.04 | |

| | | | | |
|---|---|---|---|---|
| | Hindon | **Textiles – 22** | | |
| 1 | | Anmol Textile, Janta Road, Saharanpur | 0.02 | ETP Installed |
| 2 | | Arora Hoiesery, Janta Road, Saharanpur | 0.02 | ETP Installed |
| 3 | | Atul Textile, Behat Road, Saharanpur | 19.5 | ETP Installed |
| 4 | | Deep Industries, I.E. Delhi Road, Saharanpur | 20 | ETP Installed |
| 5 | | Durga Textile, Janta Road, Saharanpur | 16 | ETP Installed |
| 6 | | Ekta Textile, Janta Road, Saharanpur | 16 | ETP Installed |
| 7 | | Ganpati Textile, Janta Road, Saharanpur | 33 | ETP Installed |
| 8 | | Garg Dyeing, Janta Road, Saharanpur | 18 | ETP Installed |
| 9 | | J.J. Textile, Janta Road, Saharanpur | 17 | ETP Installed |
| 10 | | Saharanpur Textile, Janta Road, Saharanpur | 10 | ETP Installed |
| 11 | | Saharanpur Wools Ltd. Dehli Road, Saharanpur | 21 | ETP Installed |
| 12 | | Shah Industries, 18 Medanta Complex, Janta Road, Saharnapur | 20 | ETP Installed |
| 13 | | Siddharth Textile, Chilkana Road, Saharanpur | 20 | ETP Installed |
| 14 | | Super Textile, Village Tiparpur, Janta Road, Saharnapur | 27 | ETP Installed |
| 15 | | Kamal Enterprises, Village Dhamola, Janta Road, Saharaapur | 60 | ETP Installed |
| 16 | | General Textiles , Village Dhamola, Janta Road, Saharaapur | 19 | ETP Installed |

| | | | | |
|---|---|---|---|---|
| 17 | | Standard Engineering Works, Industrial Estate, Delhi Road, Saharanpur | | ETP Installed |
| 18 | | R.K. Textiles , Gagalheri, Dehradun Road, Saharanpur | 25 | ETP Installed |
| 19 | | Ritika Gramodyog, 37, Village Manoharpur, Delhi Road, Saharnapur | | ETP Installed |
| 20 | | Shalimar Cotton Dyeing, Saharanpur | 20 | ETP Installed |
| 1 | | **Paper Mill-01** | | |
| | | Star Paper Mill pvt ltd, Saharanpur | 12 | ETP Installed |
| 1 | | **Sugar-02** | | |
| | | Daya Sugar (A unit of B.K. Investment ) Naya Bans, Gagalheri, Saharnapur | 0.5 | ETP Installed |
| 2 | | Bajaj Hindustan Ltd. Sugar Unit, Gagnoli, Saharanpur | 2 | ETP Installed |
| | | **Distillery -02** | | |
| 1 | | Bajaj Hindustan Ltd. Distillery Unit, Gagnoli. Saharanpur | ZLD | ETP Installed |
| 2 | | U.P. Co-operative Co. Ltd. Tapri, Saharanpur, | Closed | ETP Installed |
| | Kali (West) | **Sugar-01** | | |
| 1 | | Triveni Engg. & Industries Ltd, Deoband, Saharanpur | 1.37 | ETP Installed |
| | Krishni | **Milk Processing Unit -01** | | |
| 1 | | S.M.C. Foods Ltd. Nanauta, Saharanpur | 0.9 | ETP Installed |
| | | **Distillery Unit -01** | | |
| 1 | | U.P. Co-Oprative Sugar Factory Nanauta, Saharanpur | - | ETP Installed |
| | | **Sugar Unit -01** | | |
| 1 | | The Kisan Sahakari Chini Mill, Nanouta, Saharanpur | 1 | ETP Installed |

## 4. Water quality status

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

| River/Tributary | DO | BOD | TC | FC |
|---|---|---|---|---|
| Kali (West) | 1.2 | 6.6 | 14000 | 7900 |
| River Yamuna(U/S) | 5.2 | 2.6 | 2100 | 920 |
| River Yamuna(D/S) | 5.0 | 2.4 | 49000 | 23000 |
| River Krishni | 0.2 | 26 | 70000 | 33000 |
| River Muskara | 4.6 | 2.8 | 79000 | 33000 |
| River Hindon | Nil | 36 | 92000 | 54000 |

**Category flow :-** Used for agriculture Purpose.

ii. **Notification of Flood Plain Zones:-** Government of Uttar Pradesh has issued notification dated 17.10.2018 regarding noconstruction/ no development zone under 100 meter of both bank river.

iii. **Issues relating to Environmental Flow:-** Notification has been issued by vide notification dated 09.10.2018. Yamuna river Ecological flow is 352 Cusec. Hindon river Ecological flow in district Saharanpur there is no flow during period in river hindon, flow is observed only during Monsoon season.

## 5. BEST PRACTICES OF THE DISTRICT REQUIRED

i. **Ganga Arti -** Ganga arti is organised by forest department on the ocassion of water day March ,2023 at kuvankheda, Gandhevda ghat, Rampur maniharan range.

ii. **Small River Rejuvenation:-** The Krishna River originates from the villages of Dara Ali and Chopra Fire Works Manakmau, located behind the Saharanpur Municipal Corporation, and passes through the development blocks of Baliyakheri, Rampur Maniharan, and Nanauta's gram panchayats in Saharanpur district, extending up to the Baghpat district in Uttar Pradesh. It is one of the tributaries of the Hindan River. Due to factors such as soil excavation, dense vegetation, encroachment, etc., the river has lost its natural form, resulting in a significant drop in water levels in villages nearby. An engineer has prioritized to excavation for soil removal, jungle clearance, and systematic widening of rivers.



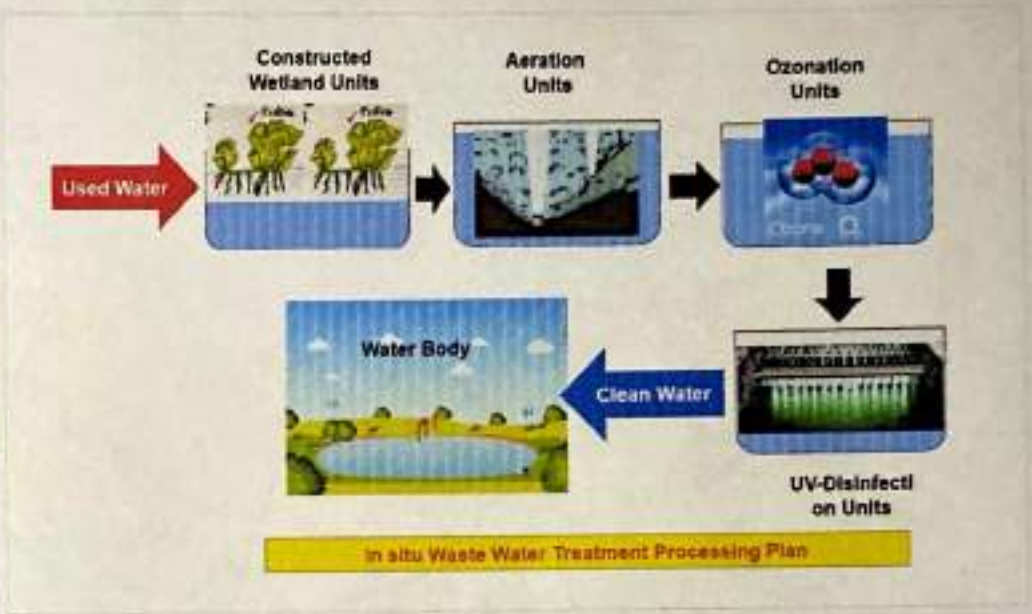




A total of 31.43 kilometers of work has been completed across all three development blocks.
The revitalization work of the **Kali River** is currently underway and is expected to be completed soon.

iii. **Natural Farming/Organic farming:-** Technology through which onsite ozone gas is produced by using reuse of treated water. This plant of KLD has been done with the help of Municipal corporation team Dawara centre for water Peace. For use of cleaning, toilet flushing, Agriculture and fish farming etc. Also all the wastes is being recycling and reuse.



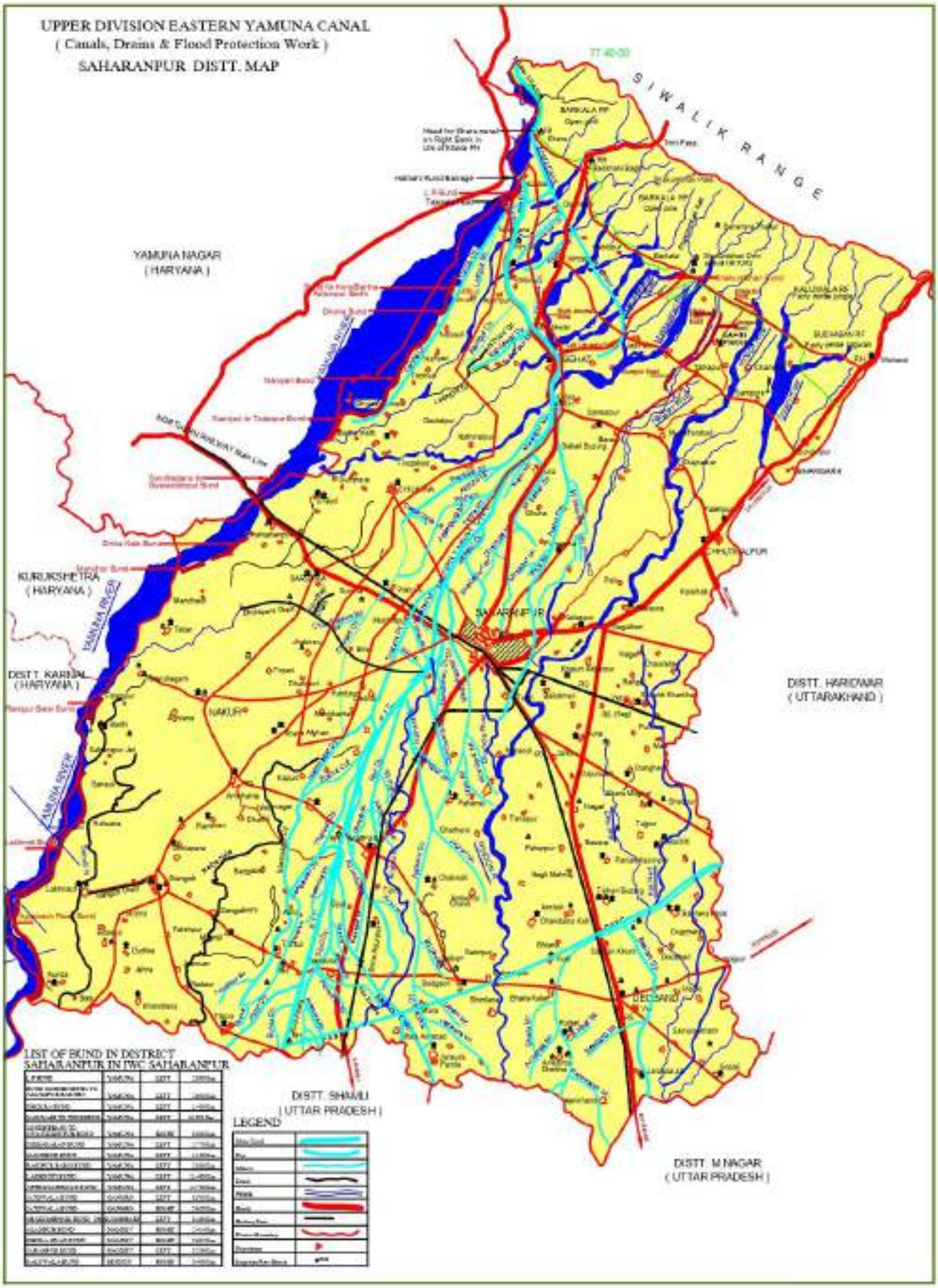



iv. **IEC** — Cleanliness and awareness programs are being conducted continuously on Ganga tributaries.

33464

Divisional Forest Officer
Forest department
Saharanpur

District Magistrate,
Chairman, District Ganga Committee
Saharanpur


UPPER DIVISION EASTERN YAMUNA CANAL
( Canals, Drains & Flood Protection Work )
SAHARANPUR DISTT. MAP
SIWALIK RANGE
YAMUNA NAGAR
( HARYANA )
KURUKSHETRA
( HARYANA )
YAMUNA RIVER
DISTT. KARNAL
( HARYANA )
SAHARANPUR
DISTT. HARIDWAR
( UTTARAKHAND )
DISTT. SHAMLI
( UTTAR PRADESH )
DISTT. M.NAGAR
( UTTAR PRADESH )
LIST OF BUND IN DISTRICT
SAHARANPUR IN PWC SAHARANPUR
LEGEND

**In compliance of Hon'ble NGT order dated 11.09.2023 & 04.12.2023**

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

जल शक्ति मंत्रालय
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION

# District Ganga Committee Report

**Submitted By:**

**District Ganga Committee, Lalitpur (U.P.)**

**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014)**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| 1. | That STPs installed, are underutilized and that treated effluents are discharged into the drains carrying untreated waste water thereby defeating the very purpose of the efficacy of STPs. | No STP installed in District |
| 2. | The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains. | No STP installed in District |
| 3. | The breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | No STP installed in District |
| 4. | These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them. | 1. Lalitpur Power Generation Company generates 8000-9000 metric ton ASH per day. 20 % used in low land fill and rest 80% utilized gainfully to Cement and Brick industry<br>2. Bharat Explosives Limited generates 1.63 Kld effluent per day which is disposed through 2 Solar evaporation tanks |

| | | |
|---|---|---|
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | No STP installed in District.<br>Proposal for 32 MLD capacity STP is due for approval under AMRUT 2.0 CWAP |
| 6. | Mention heavy metals analysis in respect of discharge from each of the drain in the report. | No heavy metal discharge flow in drains |

**1. Sewage**

Following information is submitted on the basis of end point sample analysis of concerned drain.

| Drain (city/ town) | Total drain capacity | Generation / day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sehjad Nala | 50-60 MLD | 5.5 MLD Approx | 7.35 | 23 mg/l | 34.96 mg/l | 162 mg/l | 384 mg/l | No industrial effluent flow | No traces of nitrates | 4.9 mg/l | 18000 MPN | 8000 MPN | 5.5 MLD **Sample Point** $24^0$41'17.2032"N $78^0$25'34.9896"E | 15 Hazen / None | Sehjad River |
| Bayana Nala | 40-50 MLD | 9.0 MLD Approx | 7.73 | 32 ml/l | 89.28 mg/l | 197 mg/l | 402 mg/l | | | 2.3 mg/l | 14000 MPN | 7000 MPN | 9 MLD **Sample Point** $24^0$41'54"N $78^0$25'07"E | 20 Hazen / Foul | Sehjad River |

**1. STP for treating the sewage of the drains ultimately flowing to river ganga or its tributaries**

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| No existing STP in District | No existing STP in District | No existing STP in District | No existing STP in District | No existing STP in District | No existing STP in District | The proposal of STP is taken in Lalitpur Sewerage Scheme under AMRUT 2.0 CWAP( City Water Action Plan) of this scheme is filled on AMRUT 2.0 portal, approval is awaited |

**2.1 STP Additional Information**

| Name of Drain | Position of STP with Capacity | Geo/Coordinates | Discharge Quantity from the STP in the Drain | Total per day Discharge from the Drain into the River |
|---|---|---|---|---|
| Sehjad Nala | No existing STP in District | No existing STP in District | No existing STP in District | 5.5 MLD Approx |
| Bayana Nala | | | | 9.0 MLD Approx |

| Proposed STP (Location & Capacity) | Capacity (Operational) | Inlet/ Outlet Water quality and quantity | Number of tapped drains (quantity of discharge) | GAP in treatment | Final discharge point Geo Code/ Sampling Point | Proposed/ Under Construction STP with Completion Date |
|---|---|---|---|---|---|---|
| Location will be finalised after approval | 32 MLD | Will be finalised after setup of STP | No drains tapped. Proposal sent for tapping drains and sewer lines, approval awaited | Will be decided after STP is Established | Final Discharge Sehjad river<br><br>25°13′27″N 78°34′06″E | STP proposed under AMRUT 2.0 CWAP approval is awaited |

**Existing FSTP Information**

<table>
<tr><th>Existing FSTP (location & capacity)</th><th>Capacity (operational)</th><th>Inlet/ Outlet water quality & quantity</th><th>Number of tapped drains (quantity of discharge)</th><th>GAP (in treatment)</th><th>Final discharge point</th></tr>
<tr><td>Village- Dailwara, Lalitpur<br><br>Location- 24$^0$46'11.394"N 78$^0$23'19.542"E<br><br>32 KLD</td><td>32 KLD</td><td>Water Quality
<table>
<tr><th>Parameter</th><th>Inlet</th><th>Outlet</th></tr>
<tr><td>pH</td><td>7.19</td><td>7.02</td></tr>
<tr><td>COD</td><td>639 mg/l</td><td>32 mg/l</td></tr>
<tr><td>Ammonical Nitrogen</td><td>11.9 mg/l</td><td>0.10 mg/l</td></tr>
<tr><td>BOD</td><td>42.9 mg/l</td><td>5 mg/l</td></tr>
<tr><td>TSS</td><td>5342 mg/l</td><td>28 mg/l</td></tr>
<tr><td>TDS</td><td>1902 mg/l</td><td>48 mg/l</td></tr>
<tr><td>Nitrogen</td><td>29 mg/l</td><td>2.3 mg/l</td></tr>
<tr><td>FC</td><td>2.3*10$^6$ MPN</td><td>54 MPN</td></tr>
<tr><td>Phosphate</td><td>84 mg/l</td><td>1.1 mg/l</td></tr>
<tr><td>Solid</td><td>16886 mg/l</td><td>76 mg/l</td></tr>
</table>
Quantity -<br>Inlet Quantity- 32 KLD<br>Outlet Quantity- Approx 80 kg Manure and 2400 Litre water</td><td>Not applicable in FSTP</td><td>All capacity treated</td><td>Irrigating plantations</td></tr>
</table>

**3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries**

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| Hotels – 19<br>Ashrams- 05<br>Dharamshala- 06 | | | | |
| <u>Hotels</u><br>The Grand Siddhi<br>Hotel Aryan Inn<br>Shubh Heaven<br>Saroj Palace<br>Akash Hotel<br>Anand Residency<br>Golden Drive<br>Amar Palace<br>Ayan Inn<br>Amar Palace<br>Paras Hotel<br>Bundelkhand Hotel<br>Hotel Briwasi<br>Radhika Hotel<br>Shri Prakash Inn<br>Hotel Preeti<br>Hotel Good Luck<br>Hotel Bundelkhand<br>Hotel Sandeep | No Hotel is registered by ULB/UPPCB | No STP only Septic Tanks | Local Drain | No action taken |
| <u>Ashrams</u><br>Shri Anandpur Saras Dham<br>Pt Deendayal Upadhayay Vraddhjan Ashram<br>Shivoham Ashram<br>Bhraham Kumari Ashram<br>Mother Teresa anath Ashram | No Ashram is registered by ULB/UPPCB | No STP only septic Tanks | Local Drain | No action taken |
| <u>Dharamshala</u><br>Shri Jagdish Dharamshala<br>Gurunank Dharamshala<br>Shri Narshing Dharamshala<br>Shri Khetrpal Pal Ji Mandir<br>Sant Ravidas Dharamshala<br>Swarankar Samaj Dharamshala | No Dharamshala is registered by ULB/UPPCB | No STP only septic Tanks | Local Drain | No action taken |

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

<table>
<tr><th>Total number of Industries</th><th>Daily effluent discharge</th><th>Treatment available (cetp/ petp/ etp operational capacity)</th><th>Effluent quality analysis (outlet of treatment plants Geo code sampling point)</th><th>GAP</th><th>Proposed/ under construction treatment project (with timeline)</th><th>Number of defaulting units- Action taken</th><th>Industrial solid waste generated/ day</th><th>Manner of disposal (Industrial solid waste)</th></tr>
<tr><td>1. Lalitpur Power Generation Company</td><td>3700 KLD<br>No effluent discharge outside the premise</td><td>ETP- 6000 KLD<br>STP- 165 KLD</td><td>
<u>ETP Outlet</u>
<table>
<tr><th>Parameter</th><th>Result</th></tr>
<tr><td>pH</td><td>7.62</td></tr>
<tr><td>TSS</td><td>6.4</td></tr>
<tr><td>BOD</td><td>14</td></tr>
<tr><td>COD</td><td>60</td></tr>
<tr><td>Oil & Grease</td><td>BDL(DL-1.0)</td></tr>
<tr><td>Phosphate</td><td>2.1</td></tr>
<tr><td>NO3</td><td>1.9</td></tr>
<tr><td>Cu</td><td>BDL(DL-0.05)</td></tr>
<tr><td>Ni</td><td>BDL(DL-0.01)</td></tr>
<tr><td>Cr+6</td><td>BDL(DL-0.05)</td></tr>
<tr><td>Pb</td><td>BDL(DL-0.01)</td></tr>
<tr><td>Cd</td><td>BDL(DL-0.003)</td></tr>
<tr><td>Zn</td><td>BDL(DL-0.05)</td></tr>
<tr><td>Fe</td><td>0.22</td></tr>
<tr><td>Hg</td><td>BDL(DL-0.001)</td></tr>
<tr><td>SO4</td><td>43.8</td></tr>
<tr><td>H2S</td><td>BDL(DL-0.05)</td></tr>
<tr><td>Cl</td><td>84</td></tr>
<tr><td>Temperature</td><td>26.6</td></tr>
<tr><td>Total Nitrogen</td><td>1.3</td></tr>
</table>
<u>STP Outlet</u>
<table>
<tr><td>pH</td><td>7.65</td></tr>
<tr><td>TSS</td><td>5.6</td></tr>
<tr><td>BOD</td><td>7.0</td></tr>
<tr><td>COD</td><td>32</td></tr>
<tr><td>Feacal Coliform</td><td>70</td></tr>
<tr><td>Total Nitrogen</td><td>2.1</td></tr>
<tr><td>Ammonical Nitrogen</td><td>1.5</td></tr>
<tr><td>P</td><td>0.24</td></tr>
</table>
Geo Coordinates<br>ETP- $24.800656^0$ $78.650644^0$<br>STP- $24.804418^0$ $78.633679^0$
</td><td>No gap</td><td>No project proposed</td><td>No defaulting units</td><td>8000-9000 metric ton Ash generated</td><td>20 % used in low land fill and rest 80% utilized gainfully to Cement and Brick industry</td></tr>
</table>

<table>
<tr>
<td>2. Bharat Explosives Limited, Ltp-Jhs NH 44</td>
<td>1.63 KLD</td>
<td>No CETP/ PETP/ STP<br><br>2 Solar Evaporation Tank<br>Tank 1 Size: 50*29 MTR<br>Tank 2 Size: 25*28 MTR</td>
<td>
<u>Potable Water Analysis</u>
<table>
<tr><th>Parameter</th><th>Result</th></tr>
<tr><td>pH</td><td>6.53</td></tr>
<tr><td>Colour</td><td><2 Hazen</td></tr>
<tr><td>Odour</td><td>Agreeable</td></tr>
<tr><td>TSS</td><td>6.8</td></tr>
<tr><td>Chromium</td><td>Below Quantification Limit</td></tr>
<tr><td>PAH</td><td>Below Quantification Limit</td></tr>
<tr><td>Uranium</td><td>Below Quantification Limit</td></tr>
<tr><td>F</td><td><1</td></tr>
<tr><td>NO3</td><td>Below Quantification Limit</td></tr>
<tr><td>Cu</td><td>Below Quantification Limit</td></tr>
<tr><td>Ni</td><td>Below Quantification Limit</td></tr>
<tr><td>CN</td><td>Below Quantification Limit</td></tr>
<tr><td>Pb</td><td>Below Quantification Limit</td></tr>
<tr><td>Cd</td><td>Below Quantification Limit</td></tr>
<tr><td>Zn</td><td>Below Quantification Limit</td></tr>
<tr><td>Fe</td><td>Below Quantification Limit</td></tr>
<tr><td>Hg</td><td>Below Quantification Limit</td></tr>
<tr><td>SO4</td><td>Below Quantification Limit</td></tr>
<tr><td>DDT</td><td>Below Quantification Limit</td></tr>
<tr><td>Cl</td><td>1.48</td></tr>
<tr><td>CaCO3</td><td>1.0</td></tr>
<tr><td colspan="2">Geo Coordinates<br>24°46′50.3″N 78°25′55.9″E</td></tr>
</table>
</td>
<td>No Gap</td>
<td>ETP Already Exist, no project proposed</td>
<td>No defaulting Units</td>
<td>No Solid waste generated</td>
<td>Disposal through Evaporation pit</td>
</tr>
</table>

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

| Area- cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge Geo Code/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| Lalitpur | No, Notification till date. Can be fixed after completion of demarcation | Will be done after allocation of fund | | No Encroachment. Direct discharge of Betwa River is 11 Lac Cusecs Geo Code: 25°13′27″N 78°34′06″E | No Encroachment. | Can be decided after allocation of demarcation to agency |

**6. Afforestation / Plantation along the bank of River Ganga and its tributaries and their flood plain zones**

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | Proposed project | Timeline |
|---|---|---|---|
| Lalitpur District | Total Plantation 41,76,400<br>Plantation done in Forest Ranges: | 40 Lac Plantation | July –August 24 |
| Bar Range | 1,31,200 /24$^0$54'13.37" 78$^0$35'12.81" | | |
| Talbehat Range | 2,31,500 / 24$^0$58'13.37" 78$^0$34'27.54" | | |
| Mehrouni Range | 89,000 / 24$^0$29'58.84" 78$^0$53'06.02" | | |
| Madawara Range | 3,51,000 / 24$^0$17'09.45" 78$^0$49'39.22" - | | |
| Jakhoura Range | 91,000 / 24$^0$54'35.33" 78$^0$25'18.02" - | | |
| Matatila Range | 93,000 / 24$^0$ 55'07.89" 78$^0$23'51.56" | | |
| Gauna Range | 2,96,000 / 24$^0$22'06.93" 78$^0$23'29.43" | | |
| Lalitpur Range | 2,03,000 / 24$^0$44'36.11" 78$^0$22'31.45" | | |

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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| Village-Nadanwara, Area- 7.179 Hect River- Sehjad<br><br>Village- Pachouni, Area- 1.618 Hect River- Sehjad | No FIR or case registered | No vehicle Seized or Mineral recovered | No fine/penalty charged | No cases pending | All work done under said guidelines |

The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**2.1 Sewage Management**

**(i) Sewage generation (for entire District and individual town wise):**

Total Sewage Generation – 18.7 MLD

| Nagar Palika, Lalitpur | Nagar Panchayat, Mehrouni | Nagar Panchayat, Pali | Nagar Panchayat, Talbehat |
|---|---|---|---|
| 14.50 MLD Approx | 1.6 MLD Approx | 1.2 MLD Approx | 1.4 MLD Approx |

**(ii) Existing Sewage Treatment Capacities:**

There is no sewage treatment plant in the district. STP is proposed under AMRUT 2.0 Approval is pending.

**(iii) Quantity of sewage is being treated (utilization capacity): Performance of STPs particularly for FC :**

No sewage treated, as there is no STP.

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

Untreated sewage is drained in tributary.

| Nagar Palika, Lalitpur | Nagar Panchayat, Mehrouni | Nagar Panchayat, Pali | Nagar Panchayat, Talbehat |
|---|---|---|---|
| Sehjad River | Soak Pit | Outside ULB boundary sewage dries into agricultural field | Drain reaches Betwa River only in rainy season |

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

No Under – utilization as there is no existing STP

**(vi) Current Gap in sewage treatment:**

At present the gap is 100%, but it will get minimized in future as STP will get established.

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

Approval under AMRUT 2.0 is awaited

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

Untreated sewage from Lalitpur is discharged in Sehjad River and untreated sewage from Talbehat dries up in drain in summer and winter season. This drain reaches Betwa River near Kadesara Kala only in rainy season.

**2.2 Drains joining Ganga and Tributary**

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

2 major drains from Lalitpur join Sehjad river and 1 drain from Talbehat joins betwa river only during rainy season .Quality of major drains is mentioned above in details under Sewage.

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

No such drain

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

No existing STP in district

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

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

Existing FSTP with capacity of 32 KLD

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

Used for irrigating plantation purposes

**2.4 Industrial Pollution Control**

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

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|
| 1. Lalitpur Power Generation Company | 3700 KLD<br>No effluent discharge outside the premise | ETP- 6000 KLD<br>STP- 165 KLD | 8000-9000 metric ton Ash generated | 20 % used in low land fill and rest 80% utilized gainfully to Cement and Brick industry |
| 2. Bharat Explosives Limited | 1.63 KLD | No CETP/ PETP/ STP<br><br>2 Solar Evaporation Tank<br>Tank 1 Size:<br>50*29 MTR<br>Tank 2 Size: 25*28 MTR | No Solid waste generated | Disposal through Evaporation pit |

**(3) Water quality status**

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

Water quality of tributary is fit for organized bathing (Class A). Drinking water source without conventional treatment but after disinfection is of class A

Water Sample Analysis- Betwa River

| Parameter | Value |
|---|---|
| Colour | Turbid |
| Odour | Odourless |
| pH | 7.5 |
| Electrical Conductance | 470 |
| Dissolved Oxygen | 6.6 |
| Calcium Hardness | 115 |
| Mg Hardness | 70.0 |
| Total Hardness | 185 |
| Total Dissolved Solids | 284 |
| Chloride | 30 |
| BOD | 2.80 |
| COD | 12 |

**(4) Notification of Flood Plain Zones:**

There is no notification of Flood Plain Zone till date. Demarcation of flood plain zone will be done after allocation of fund.

**(5) Issues relating to Environmental Flow:**

**Ecological flow**

Identifying critical components of the flow regime that govern the environmental conditions (e.g. dry and wet season base flows, and different-sized high flows and floods) is needed to be done. Water levels of the river during the dry season are monitored and river water quality during dry season is monitored as Good. Inventory of migratory birds has been done by forest department every year and illegal fishing is banned. Lists of 13 dams with total capacity and minimum water level have been attached.

| Name of Dam | River | Design Capacity (MCM) | Minimum Water Capacity (MCM) |
|---|---|---|---|
| Sajnam | Sajnam | 83.50 | 8.65 |
| Jamni | Jamini | 92.87 | 8.80 |
| Sehjad | Sehjad | 114.39 | 8.49 |
| Rajghat | Betwa | 2200.00 | 238.70 |
| Govind Sagar | Shahjad | 96.79 | 16.76 |
| Kachnaudha | Sajnam and Vanai | 69.00 | 8.05 |
| Utaari | Utaari | 15.09 | 2.47 |
| Bhawani | Sajnam | 27.00 | 5.00 |
| Bandai | Bandai | 12.59 | 1.49 |
| Jamraar | Jamraar | 16.45 | 0.42 |
| Lower Rohini | Rohini | 12.74 | 0.72 |
| Rohini | Rohini | 12.11 | 3.82 |
| Matatila | Betwa | 641.06 | 78.48 |
| | | | |

## Best Practices In the District

1. River rejuvenation process of more than 8 rivers is carried out simultaneously to revive and restore the natural flow and health of river.

2. Incidents of crop residue burning are negligible. Regular monitoring at village level, spreading awareness through various programs such as camps and meetings are carried out to encourage in-situ crop residue management practices.

3. 211 Hectare of land under is utilized under organic farming in the district.

4. Adopting cluster based approach under government funded Gau- adharit prakratik kheti programme to motivate farmers to adopt Natural farming in Gram Ganga Sewa Samiti.

5. Government schemes such as Atal- Bhujal Yojna, Khet Talab Yojna, and Pandit Deen Dayal Upadhyay Kisan Samriddhi Yojna have been implemented for ground water conservation.

6. Large numbers of farmers are sensitized and trained at village as well as block and district level through different awareness campaigns such as kisanpathshalas, goshtis, kisan melas, booklets, pamplets, hoardings etc. to encourage the use of alternatives to chemical fertilizers such as biofertilizers, biopesticides which are made available to them at subsidized rates.

7. Small check dam/pakka dam/bandi is being made to restore water in different forest blocks by forest department.

8. Ecotourism activites have been promoted at Lakhanjar, Pandav Van, and Deogarh.

9. Fly ash generated from power plant is being reused in low land filling, cement factories and bricks formation.

10. All measures are taken into consideration for ecotourism and no FOL based motor boats are promoted in water bodies.

11. River bank cleanup activities is being done nagar palika and nagar panchyat on regular basis. Ghat of river betwa is being cleaned by respective gram Ganga sewa samiti regularly.

Source of Information

Information and data have been collection in prescribed format prepared in order to compliance of hon'ble NGT order. A District Ganga committee meeting was organized under the chairmanship of District magistrate and directions were given to related department to furnish information in prescribed format.

Disclaimers if any

This report is prepared from the data of concerning department. The data of this report is applicable only at present scenario. Data may vary with due course of time. Therefore, it is recommended that all its relevant aspects/data can be taken into consideration for compliance of Hon'ble NGT order dated 11.09.2023 in O.A. 200/2014 MC Mehta Vs UOI and Ors.

Concluding remarks

All possible efforts are being made in the direction of river conservation through related departments. As we all know that rives are one of the main driving factors of any economy. District has dense network of rivers, dam and ponds. All of the water bodies are regularly monitored to save and conserve our precious water resources. Report has been finalized on the basis of data from concerning departments.

**Divisional Director- Social Forestry**
**Member Convener District Ganga Committee**
**Lalitpur**

**District Magistrate/Chairman**
**District Ganga Committee**
**Lalitpur**

# INDEX - MAP OF DISTT.-LALITPUR

JHANSI

MADHYA PRADESH

BETWA RIVER

DHOKWAN DAM

BABINA

MATATILA DAM

MATATILA DAM

TALBEHAT

TEHSIL-TALBEHAT

पुराविरधा तालाब

पवा तालाब

चुरानी तालाब

बुधानी तालाब

मऊ तालाब

SHIVPURI

BLOCK-TALBEHAT

SHAHZAD DAM

JAKHAURA

KHARKARILAKE

P.BHAWANI DAM

कुआगांव तालाब

P.UTARI DAM

RAJGHAT DAM

BLOCK-JAKHAURA

P.KACHNODA DAM

RAJGHAT DAM

LALITPUR

TIKAMGARH

GOVIND SAGAR DAM

P.BHORAT DAM

MAHRONI

P.JAMRAR DAM

BETWA RIVER

TEHSIL-LALITPUR

SAJNAM DAM

BIRDHA

BLOCK-BIRDHA

BLOCK-MAHRONI

TEHSIL-MAHRONI

JAMNI DAM

MADAWRA

P.LOWER ROHNI DAM

ROHNI DAM

P.BANDAI DAM

धौरी सागर तालाब

BLOCK-MADAURA

SAGAR

MADHYA PRADESH

N

Scale - 1" = 1 Mile

REFERENCE'S

| | |
|---|---|
| Major District Road | |
| National highway | |
| Branch (Canal) | |
| District Boundry | |
| Block Boundry | |
| Tehsil Boundry | |
| MainVillage & Town | |
| Drain | |
| River | |
| Talab | |

# Report in
# Compliance of Hon'ble NGT order
# Dated 24.01.2024 in O.A. No. 200/ 2014
# MC Mehta Vs Union of India and Ors.

**Submitted by**

## DISTRICT GANGA COMMITTEE, GONDA(U.P.)

**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014)**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| **1.** | That STPs installed, are under utilised and that treated effluents are discharged into the drains carrying untreated waste water thereby defeating the very purpose of the efficacy of STPs. | There is no STPs installed in district Gonda. |
| **2.** | The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains. | There is no STPs installed in district Gonda. |
| **3.** | The breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | There is no STPs installed in district Gonda. |
| **4.** | These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting | The Industries established in district Gonda have personal setup for industrial water treatment.The treated water used for Agriculture purpose and different Use. |

| | | |
|---|---|---|
| | them to discharge into drains with no burden on them. | |
| **5.** | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | There is no STP in District Gonda but one FSTP of 32 KLD installed in village Kalandarpur chaube, Block- Ghanghari District Gonda under geo-coordinates Lat 27.139174º N, Long 81.903514 ºE. |
| **6** | Mention heavy metals analysis in respect of discharge from each of the drain in the report. | Heavy metals Testing results are awaited. |

## 1. Sewage

| Drain (city/town) | Total drain capacity (MLD) | Generation/day (MLD) | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geocode/ sample point | Colour / odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NPP-Colonelganj** (Purani Sabji Mandi Nala) | 06 | 1.70 | 7.16 | 22 | 122 | 82 | - | Water Sample Testing is under progress. | - | - | - | - | Lat-27.125168 Long-81.698561 | Turbid/ Faint | Bhagariya Nala |
| **NP-Paraspur** (Balpur Road Nala) | 3.0 | 1.40 | 7.82 | 2.5 | 13.6 | - | - | Water Sample Testing is under progress. | - | 9.1 | - | - | Lat-27.03603 Long-81.787828 | Turbid/ Faint | Belai Nala |
| **NPP- Gonda** (Guddumal Nala) | 8.0 | 2.30 | 7.95 | 13.5 | 79.54 | - | - | Water Sample Testing is under progress. | - | 7.3 | - | - | Lat-27.132299 Long-81.965562 | Turbid/ Faint | Near Tedhi River (It is away from 12 to 15 KM from ULB) |
| **NP-Dhanepur** (Swagat Gate Nala) | 3 | 0.75 | 7.2 | 65.00 | 180.00 | 144.00 | ND | Water Sample Testing is under progress. | ND | ND | $43 X 10^5$ | $23 X 10^5$ | Lat-27.222366 Long-82.13683 | Turbid/ Faint | Near Bisuhi River |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NP-Katra Bazar** (Sammay mata Nala) | 8.0 | 0.95 | 7.91 | 2.7 | 13.2 | - | - | Water Sample Testing is under progress. | - | 9.2 | - | - | Lat-27.2095 Long-81.7924 | Turbid/ Faint | Near Tedhi River |
| **NP-Tarabganj** (Bhayapurva Nala) | 3.4 | 0.85 | 3.64 | 31.50 | 89.00 | 71.00 | - | Water Sample Testing is under progress. | - | - | $43X10^5$ | $23X10^5$ | Lat-26.950521 Long81.980636 | Turbid/ Faint | Near Tedhi River |
| **NP-Khargupur** (Gandhi Chauraha Nala) | 1.60 | 0.75 | 7.8 | 2.6 | 12.8 | - | - | Water Sample Testing is under progress. | - | 9.4 | - | - | Lat-27.3804 Long81.9897 | Turbid/ Faint | through Jhalahiya talab near Saryu River |
| First two drains meet in dry state. It is also recorded that very low amount of sewage is generated in the district Gonda. Besides this soakpits and septic tank is utilized for sewage treatment. Above mentioned drains are mostly discharged into ponds where through phytoremediaton water is treated and through natural flow goes into respective rivers as mentioned above . There is no LAB established in District Gonda for Sewage Quality Analysis. Heavy metal and other physico-chemical parameters analysis of above mentioned drains are send for water sample testing in laboratory by respective Nagar Palikas and Nagar Panchayats. | | | | | | | | | | | | | | | |

**Note:-**Above information is provided by all concerned ULBs of District Gonda and UPPCB,Ayodhya.

## 2. STP for treating the sewage of the drains ultimately flowing to river ganga or its tributaries

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | Gap (in treatment) | Final discharge point | Proposed /under construction STP with completion date |
|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - |
| There are no sewer line in Urban Local Body (Nagar Palika/Nagar Panchayat) in District Gonda and there is no established sewage treatment plant (STP) in District Gonda. At present time, Septic Tank or Soakpits are used for Sewage Treatment in Urban Areas. Also, the discharge is very less or negligible. One FSTP plant of 32KLD capacity established in village Kalandharpur Chaube,Block- Jhanjhari, District-Gonda. | | | | | | |

**Note:-**Above information is provided by NPP Gonda.

## 2.1 STP ADDITIONAL INFORMATION

| Name Of Drain | Position of STP With Capacity | Geo/Coordinates | Discharge Quantity From The STP in the drain | Total Per Day Discharge From The Drain into The River |
|---|---|---|---|---|
| - | - | - | - | - |

| Proposed STP (location & capacity) | Capacity (Operational) | Inlet/Outlet water quality & quantity | Number of tapped drains(quantity of discharge) | GAP (in treatment) | Final discharge point Geocode/sampling point | Proposed/under construction STP with completion date |
|---|---|---|---|---|---|---|
| BELSAR NP | 2.85 MLD | - | 3 | 100% | (1) 26.969034,81.904887<br>(2) 26.968741, 81.907526<br>(3) 26.963822, 81.911138 | CSAP(City Sanitation Action Plan) Approved DPR(Detailed Project Report) under Preparation |
| COLONELGANJ NPP | 2.97 MLD | - | 12 | 100% | (1) 27.119055, 81.696802<br>(2) 27.131538, 81.705444<br>(3) 27.136472, 81.707408<br>(4) 27.136487, 81.705101<br>(5) 27.137225, 8170384<br>(6) 27.132714, 81.69195<br>(7) 27.1331, 81.691414<br>(8) 27.1331, 81.691466<br>(9) 27.12777, 81.691354<br>(10) 27.125194, 81.698558<br>(11) 27.130289, 81.699656<br>(12) 27.130904, 81.694834 | CSAP(City Sanitation Action Plan) Approved DPR(Detailed Project Report) under Preparation |
| DHANEPUR NP | 2.40 MLD | - | 2 | 100% | (1) 27.228755, 82.150583<br>(2) 27.227819, 82.148649 | CSAP(City Sanitation Action Plan) Approved DPR(Detailed Project Report) under Preparation |
| KATRA NP | 0.84 MLD | - | 4 | 100% | (1) 27.207215 , 81.791441<br>(2) 27.206453 , 81.785178<br>(3) 27.211468 , 81.793897<br>(4) 27.209573 , 81.792479 | CSAP(City Sanitation Action Plan) Approved DPR(Detailed Project Report) under Preparation |

| | | | | | | |
|---|---|---|---|---|---|---|
| KHARGUPUR NP | 1.06 MLD | - | 2 | 100% | (1) 27.3783, 81.98888<br>(2) 27.38055, 81.98555 | CSAP(City Sanitation Action Plan) Approved DPR(Detailed Project Report) under Preparation |
| MANKAPUR NP | 0.93 MLD | - | 1 | 100% | (1) 27.062161, 82.215408 | CSAP(City Sanitation Action Plan) Approved DPR(Detailed Project Report) under Preparation |
| NAWABGANJ NPP | 1.78 MLD | - | 4 | 100% | (1) 26.863501 , 82.136152<br>(2) 26.857909 , 82.141602<br>(3) 26.866411 , 82.145145<br>(4) 26.861591 , 82.138721 | CSAP(City Sanitation Action Plan) Approved DPR(Detailed Project Report) under Preparation |
| TARABGANJ NP | 2.15 MLD | - | 3 | 100% | (1) 26.952809 , 81.98913<br>(2) 26.953752 , 81.990726<br>(3) 26.953533 , 81.990879 | CSAP(City Sanitation Action Plan) Approved DPR(Detailed Project Report) under Preparation |
| PARASPUR NP | 2.16 MLD | - | 0 | 100% | - | - |

**Note:-**Above information is provided by Jal Nigam Department.

## 3. Hotels/Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries

| Number of Hotels/ Ashrams/ Dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| **16 (As per office records)** | | | | |
| 01. M/s Deep Hotel, near Roadways Bus Stop, Civil Lines, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 02. M/s Sapphaire Hotel, near L.B.S. Chauraha, Lucknow road, Malviya Nagar, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 03. M/s Gonard Hotel, PuranaGanna Office, Vishnupuri, Civil Lines, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 04. M/s Baba Hotel, near Roadways Bus stop, Civil Lines, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 05. M/s Baba AtithiGrah, near Roadways Bus Stop, Civil Lines, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 06. M/s Sharma Hotel,near Roadways Bus Stop, Patel Nagar, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 07. M/s Anand Hotel, Station Road, Sahabganj, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 08. M/s Sankar Hotel, Rani Bazar, Badgaon, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 09. M/s Suraj Hotel, Jankinagar, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |

| | | | | |
|---|---|---|---|---|
| 10. M/s Tulsi Lodge near Roadways Bus Stop, Civil Lines, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 11. M/s Mayur Guest House, Station road, Chedipurwa, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 12. M/s National Lodge, Station road, Sahabganj, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 13. M/s Shivam Guest House, Sahabganj, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 14. M/s Samarth Vatika, Badgaon, Khairabad, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 15. M/s Jayashree Marriage Hall, Jankinagar, near Kunwar Talkies, District-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |
| 16. M/s Vidya Guest House, ImiliyaGurdayal, Badgaon, district-Gonda. | Not Applied | Not Installed | Through septic tank/soak pit | Notice Issued |

**Note:-**Above information is provided by UPPCB,Ayodhya.

## 4. Industrial Effluent discharge by industries whose effluent is ultimately flowing to river Ganga or its tributaries

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geocode Sampling Point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 8 (As per office records) | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s. BalrampurChini Mills Ltd.,(Sugar Division) Babhnan, District-Gonda. | 1970 KLD | ETP – 2000 KLD | Effluent sample collection and analysis is done by State pollution control board. | - | - | - | Ash- 21 TPD (Approx) | Ash used in land filling on low land. |
| M/s. BalrampurChini Mills Ltd.,(Distillery Division) Babhnan, District-Gonda. | ZLD | CPU-1000 KLD | CPU Treated Effluent sample collection and analysis is done by State pollution control board. | - | - | - | Boiler Ash-20 TPD (Approx) | Ash used in land filling on low land. |
| M/s. BalrampurChini Mills Ltd.,(Sugar Division) Datauli, Mankapur, District-Gonda. | 800 KLD | ETP – 1600 KLD | Effluent sample collection and analysis is done by State pollution control board. | - | - | - | Ash- 24.50 TPD (Approx) and ETP Sludge-30.69 TPD (Approx) | Ash and ETP sludge used in Granulation plant for production of Organic Manure. |
| M/s. BalrampurChini Mills Ltd.,( Distillery Division) Datauli, Mankapur, District-Gonda. | ZLD | CPU – 1392 KLD | Effluent sample collection and analysis is done by State pollution control board. | - | - | - | Ash- 60 TPD (Approx) and fermented Sludge-08 TPD (Approx) | Ash and fermented sludge used in Granulation plant for production of Organic Manure. |
| M/s. BalrampurChini Mills Ltd.,(Sugar Division) Maijapur, District-Gonda. | 700 KLD | ETP-800 KLD | Effluent sample collection and analysis is done by State pollution control board. | - | - | - | Ash- 50 TPD (Approx) and ETP Sludge-2.05 TPD (Approx) | Ash and ETP sludge used in Granulation plant for production of Organic Manure. |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s. BalrampurChini Mills Ltd.,( Distillery Division) Maijapur, District-Gonda. | ZLD | CPU-6350 KLD | CPU Treated Effluent sample collection and analysis is done by State pollution control board. | - | - | - | Ash- 15 TPD (Approx) and CPU Sludge- 02 TPD (Approx) | Ash and CPU sludge used in Granulation plant for production of Organic Manure. |
| M/s. Bajaj Hindustan Sugar Ltd.,(Sugar Division) Kundarkhi, District-Gonda. | 1200 KLD | ETP-3000 KLD | Effluent sample collection and analysis is done by State pollution control board. | - | - | - | Ash- 23 TPD (Approx) | Ash used in land filling on low land. |
| M/s. Bajaj Energy Ltd. Kundarkhi, District-Gonda. | 980 KLD | ETP-1000 KLD | Effluent sample collection and analysis is done by State pollution control board. | - | - | - | Fly Ash- 580 TPD (Approx) and Bottom Ash 100 TPD (Approx) | Fly ash and Bottom ash used in Cement Industries and also used in Road construction Projects. |

**Note:-**Above information is provided by UPPCB, Ayodhya.

## 5. Regulation of Flood Plain Zone:

| Area- cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge GeoCode/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| District-Gonda | There in No Area of City/Town effected by flood, That's why no required notification for specified City/Town area. | No development zone pillars have been installed | No Regulatory zone pillars have been installed | Stretch of river don't fall in city/ town hence no Encroachment & no need o f removal of encroachment | No encroachment city/ town so no timeline is set for removal of encroachment | No encroachment in city/town so no timeline is set for removal of encroachment |

**Note:-**Above information is related to Irrigation Department.

## 6. Afforestation/Plantation along the banks of River Ganga and its tributaries and their flood plain zones

| Total Plantation along the bank of River Saryu till 2023: | | | | |
|---|---|---|---|---|
| S.No. | Area Cities/Town | Total Plantation Geo Code/Sampling Point | Proposed Project | Timeline |
| 1 | Sakraura, Colonelganj | Total Plantation<br>1875 Plants in 3 Ha.<br>Plantation Year-2021-22<br>Geo Code/Sampling Point<br>N 27.121831 E 81.679739 | - | July 2024 |
| 2 | Sakraura, Colonelganj | Total Plantation<br>1250 Plants in 2 Ha.<br>Plantation Year-2022-23<br>Geo Code/Sampling Point<br>N 27.124282 E 81.684588 | | |
| 3 | Sakraura, Colonelganj | Total Plantation<br>2200 Plants in 2 Ha.<br>Plantation Year-2022-23<br>Geo Code/Sampling Point<br>N 27.1202 E 81.68022 | | |
| 4 | Basehiya, Colonelganj | Total Plantation<br>3200 Plants in 2 Ha.<br>Plantation Year-2023-24<br>Geo Code/Sampling Point<br>N 27.122763 E 81.66340 | | |
| 5 | Sakraura, Colonelganj | Total Plantation<br>8000 Plants in 5 Ha.<br>Plantation Year-2023-24<br>Geo Code/Sampling Point<br>N 27.121849 E 81.679928 | | |

**Note:-**Above information is provided by Forest Department, Gonda.

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

.

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| 00 | 02 | 310 | Penalty, royalty & mineral value recovered Rs.14019000/- | 00 | — |

**Note:-**Above information is related to Mining Department.

# 1. The Tribunal has already directed for furnishing following information by order dated 24.11.2023

<table>
<tr><td>01.</td><td colspan="2">District Ganga Protection Plan at city/ town level<br>District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (Para 6 and 55).</td><td>There are around 198 villages which come under the stream of River Ganga Tributary Saryu and its constituting small river. There are 35 Ganga Gram Sewa Samiti in such villages in District Gonda. The meeting of District Ganga committee is held on regular basis in every month under the Supervision of District magistrate Gonda.</td></tr>
<tr><td>02.</td><td colspan="3">Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)</td></tr>
<tr><td></td><td colspan="3">2.1Sewage Management</td></tr>
<tr><td></td><td>(i)Sewage generation (for entire District and individual town wise):</td><td colspan="2">1- Sewage generation of Entire Gonda District-11.40 MLD<br>2- Sewage generation of individual town wise mentioned below. The data was obtained from EO, NPP Gonda (Nodal).
<table>
<tr><th>S.N.</th><th>Name of ULB/town</th><th>Sewage generation(MLD)</th></tr>
<tr><td>1.</td><td>NPP Gonda</td><td>2.3</td></tr>
<tr><td>2.</td><td>NPP Colonelganj</td><td>1.7</td></tr>
<tr><td>3.</td><td>NPP Nawabganj</td><td>1.3</td></tr>
<tr><td>4.</td><td>NP Paraspur</td><td>1.4</td></tr>
<tr><td>5.</td><td>NP Khargupur</td><td>0.75</td></tr>
<tr><td>6.</td><td>NP Mankapur</td><td>0.7</td></tr>
</table></td></tr>
</table>

| | | | | | |
|---|---|---|---|---|---|
| | | | **7.** | NP Katra | 0.95 |
| | | | **8.** | NP Tarabganj | 0.85 |
| | | | **9.** | NP Dhanepur | 0.75 |
| | | | **10.** | NP Belsar | 0.7 |
| | | | | **TOTAL** | **11.40** |
| | (ii)Existing Sewage Treatment Capacities | 32 KLD FSTP Plant | | | |
| | (iii)Quantity of sewage is being treated (utilization capacity): | 32 KLD<br>FSTP Plant | | | |
| | (iv)Performance of STPs particularly for FC | Not Applicable | | | |
| | (v)Where treated sewage is being discharged (to Ganga or tributaries) | FSTP Treated Water used for Agriculture and Gardening purposes Sewage is not being discharged in river of Ganga or its Tributaries. | | | |
| | (vi)Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) | Not Applicable | | | |
| | (vii)Current Gap in sewage treatment | NO Gap | | | |
| | (viii)Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues | Working as given by Govt. of UP and and Govt. of India and proceed all rules and regulations for financial arrangement and identify of executive agency. | | | |
| | (ix)Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries) | No any untreated Sewage flowing in drains. It is send to FSTP Plant for Treatment. | | | |
| | **2.2 Drains joining Ganga and Tributary**<br>(i)Number of drains carrying sewage- sullage or industrial waste water joining Ganga/ tributaries with their Quantity and Quality | NO any drains carrying sewage-sludge. Only grey water flowing in drains. The letter is sent to concern department for sampling and testing of drain water. | | | |
| | (ii)Drains joining outside city and town limits but, either joining in village or nearby town | Main drainages are connected to nearby villages | | | |
| | (iii)Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs | Total district sewage generation is 11.40MLD. | | | |
| | **2.3 Septage management (In case of no STP)**<br>(i)Status of Septage management (with reference to FSTP/STP) | Presently FSTP is in operational mode. ( 32KLD capacity established in village Kalandharpur Chaube, Block- Jhanjhari, District-Gonda) | | | |
| | (ii)Management of Grey water and its disposal | Grey water is used for agricultural purposes and gardening. | | | |
| | **2.4 Industrial Pollution Control**<br><br>(i)Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise): | There are 8 industries established in District Gonda, and no industries established nearby river Ganga and its tributaries in the Gonda District **(List attached Table No.4)**. The wastes generated from industries are disposed properly. The industrial waste materials are not exposed in any river of Gonda District. The meetings of | | | |

<table>
<tr><td></td><td></td><td>DGC are continuously held with industries for industrial flow observations and certain directions are continuously given to industries for proper waste disposal.</td></tr>
<tr><td>03.</td><td>(3) Water quality status. Provide water quality status of Ganga and its tributaries in the District and city/ town in terms of its fitness for Bathing water quality that is, FC and FS:</td><td>Water quality status<br><br>Monitoring of Drains/STPs/Rivers (Monitoring parameters should include General parameter)<br>Surface water monitoring Parameter (In mg/l except pH)<br><br>
<table>
<tr><th>Pollution Parameter</th><th colspan="2">River Bisuhi</th><th colspan="2">River Manorama</th></tr>
<tr><td>Monitoring Date</td><td colspan="2">15.02.2024</td><td colspan="2">16.01.2024</td></tr>
<tr><td>Sampling Point</td><td>U/S River Bisuhi at Datuli Gonda</td><td>D/S Bisuhi at Upadhiyapur Grant DatuliGonda</td><td>U/S River Manorama Near ITI Mankapur Gonda</td><td>D/S River Manorama Near ITI Mankapur Gonda</td></tr>
<tr><td>pH</td><td>7.70</td><td>7.82</td><td>7.78</td><td>7.94</td></tr>
<tr><td>DO</td><td>7.1</td><td>7.0</td><td>6.9</td><td>6.8</td></tr>
<tr><td>Colour</td><td>Clear</td><td>Clear</td><td>Clear</td><td>Clear</td></tr>
<tr><td>TDS</td><td>152.0</td><td>164.0</td><td>158.0</td><td>164.0</td></tr>
<tr><td>BOD</td><td>2.5</td><td>2.7</td><td>2.6</td><td>2.8</td></tr>
<tr><td>COD</td><td>11.60</td><td>12.40</td><td>12.40</td><td>13.20</td></tr>
<tr><td>Hardness</td><td>164.0</td><td>172.0</td><td>162.0</td><td>170.0</td></tr>
<tr><td>Conductivity</td><td>324.0</td><td>346.0</td><td>304.0</td><td>328.0</td></tr>
<tr><td>Chloride</td><td>15.62</td><td>18.46</td><td>12.78</td><td>14.20</td></tr>
</table>
<br>As per given information by all concerned Department, The water samples have been sent ULBs of the District Gonda Water quality status of Ganga and its tributary in the District and city have been sent for the sample testing.</td></tr>
<tr><td>04.</td><td>(4)Notification of Flood Plain Zones:</td><td>There in No Area of City/Town affected by flood, That's why no required notification for specified City/Town area.</td></tr>
<tr><td>05.</td><td>(5)Issues relating to Environmental Flow</td><td>Notification has been issued by dated 09.10.2018. The report is being submitted by the District Ganga Committee/ Environment Committee.</td></tr>
</table>

# Best Practices in District-Gonda

## A.Organic farming:-

As per office record 12-15% of total cultivable land has been covered under organic farming. Approximately new 600 Ha agricultural lands are converted into organic farming under PKVY (Paramparagat Krishi Vikas Yojana) and about 28500 Ha land are converted with traditional methods of organic farming. As regards the adoption of organic farming practices, the respective department has formed 30 clusters under PKVY scheme with an area of 50 acres in each cluster. The farmers of these clusters are practising farming activities totally based on organic means. The use of pesticides, herbicides & chemical fertilisers etc is highly restricted in these clusters to meet the norms of the scheme.

## B. Irrigation:-

Ring, drip and Sprinkler irrigation practices are adopted by farmers to control unauthorised use of irrigation water, more over certain farmers also use solar pump for irrigation purposes.

## C. Waste Management:–

### (i) Feacal Sludge Management-

One FSTP plant of 32KLD capacity established in village Kalandharpur Chaube, Block-Jhanjhari, District-Gonda.

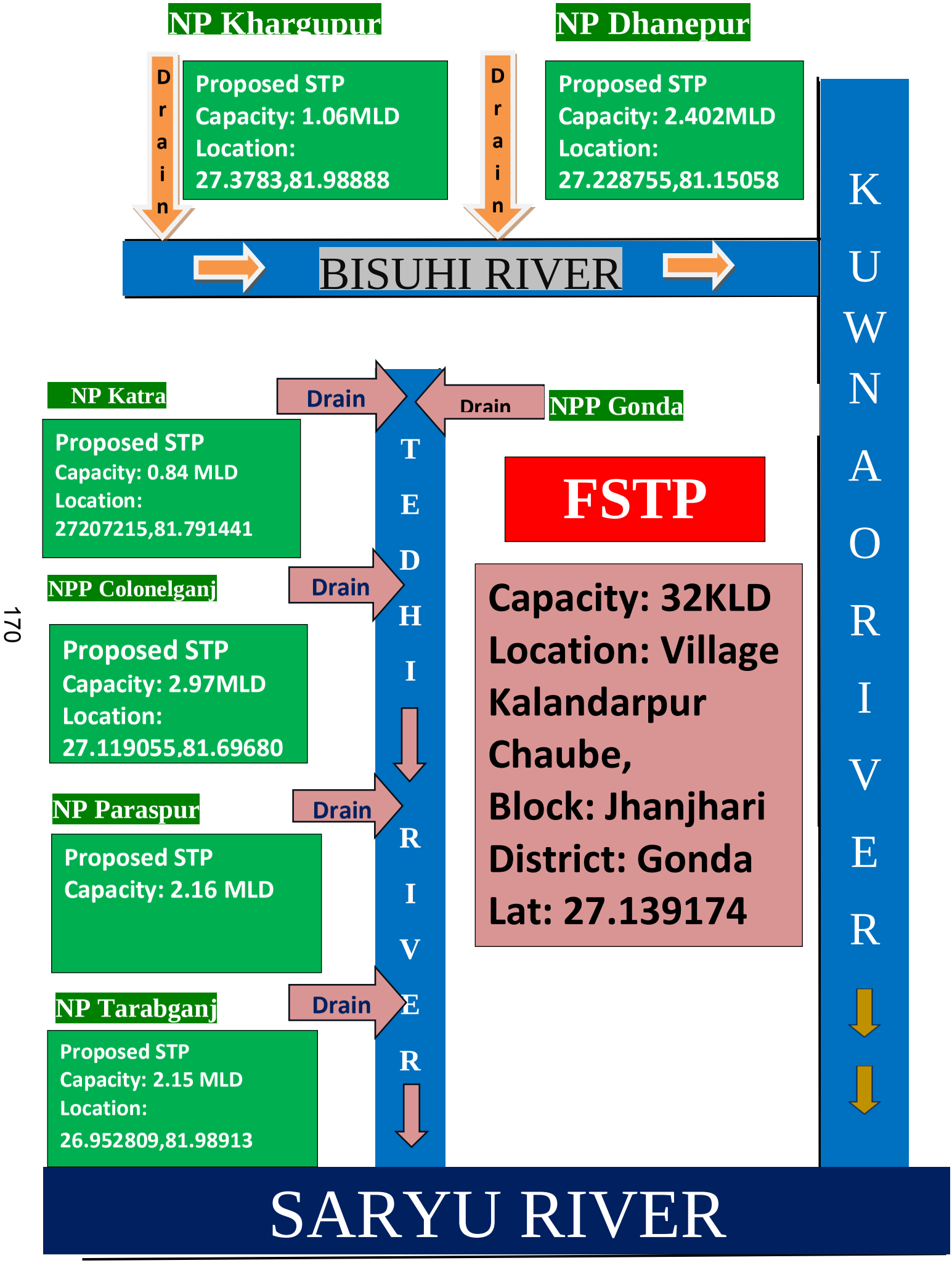
### (ii)ODF+ Details -

In rural area 904 villages are selected for ODF+ Model villages and 301 villages are declared for ODF+ Model village rest village will be declared in financial year 2024-25.

## D. Afforestation :–

In district Gonda total 4854070 plants has been planted during the financial year 2023-24.

*** All the above information have been compiled as per given by the respective Departments.




Layout map of River Saryu and its Tributaries with linked FSTP, proposed STP and drains of District Gonda

33502

## District Map




(P.K. Shukla)
Divisional Forest Officer/Secretary
DGC,Gonda

(Neha Sharma)
District Magistrate/Chairman
DGC,Gonda



Scanned with OKEN Scanner

# Submitted in compliance of Hon’ble NGT order dated 05 February 2024 of the case number OA 200/2014 M.C. Mehta VS Union of India and others by the District Ganga Committee, Hamirpur (Uttar Pradesh)



**MC MEHTA vs. UNION OF INDIA (OA. NO. 200 OF 2014)**
**ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024**
**District: Hamirpur, Uttar Pradesh**

<table>
<tr><th>S.NO</th><th>ADDITIONAL INFORMATION</th><th>ANSWER</th></tr>
<tr><td>1.</td><td>That STPs installed, are underutilised and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs.</td><td>At Present, STP is proposed in the district to treat the sewage that is being generated in Hamirpur.</td></tr>
<tr><td>2.</td><td>The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains.</td><td>At Present, STP is proposed in the district to treat the sewage that is being generated in Hamirpur.</td></tr>
<tr><td>3.</td><td>the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location.</td><td>At Present, STP is proposed in the district to treat the sewage that is being generated in Hamirpur.</td></tr>
<tr><td>4.</td><td>These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them.</td><td>There are no water-polluting industries present in Hamirpur district who is discharging their effluent in Yamuna and Betwa river.</td></tr>
<tr><td>5.</td><td>We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river.</td><td>At Present, STP is proposed in the district to treat the sewage that is being generated in Hamirpur.<br>Sewage water is directly discharge into river through drains.<br>The total per day discharge from drain to river is 7.53 MLD
<table>
<tr><th>Name of Drains</th><th>Position of STP with capacity</th><th>Geo co-ordinates of drains</th><th>Discharge quantity from the STP in the Drain</th><th>Total discha rge per</th></tr>
</table>
</td></tr>
</table>

| | | | | | |
|---|---|---|---|---|---|
| | | | | | **day** |
| | | Pataleshwar Drain, Hamirpur | At Present, STP is proposed in the district to treat the sewage that is being generated in Hamirpur.<br><br>2 STPs are proposed under SBM 2.0.<br>All the drains have been installed with iron mesh at the meeting point with the river to prevent solid and plastic waste flowing into the river.<br><br>NPP Hamirpur- STP of 5.75 MLD,<br>I&D works (11 nos of drain to be tapped), 44.88 Km Sewer Network<br>and 1 No Cesspool Tanker are proposed under SBM 2.0 programme. After approval of DPR work timeline will be given.<br><br>NPP Rath- STP of 6.78 MLD, I&D works (11 nos of drain to be tapped), 52.56Km Sewer Network and 2 No Cesspool Tanker are proposed under SBM 2.0 program. After approval of DPR work timeline will be given. | Lat: 25 57'46.2312" N Long: 80 8'50.5572" E | At present STPs are proposed; therefore, no discharge from STP into the drains. | 3.1 MLD |
| | | Purana Yamuna Ghat Drain, Hamirpur | | Lat: 25 57'58.6836" N Long: 80 8'29.2164" E | | 0.3 MLD |
| | | Ramedi Nala Drain, Hamirpur | | Lat: 25 56'49.6248" N Long:80 9'9.576" E | | 2.5 MLD |
| | | Betwa Tat Bandh Nala, Gandhi Nagar Drain, Hamirpur | | Lat:25 57'36.8496" N Long: 80 8'22.4448" E | | 0.20 MLD |
| | | Purana Betwa Ghat Nala Drain, Hamirpur | | Lat: 25 57'12.2868" N Long: 80 8'42.0648" E | | 1.20 MLD |
| | | Diggi Ramedi Drain, Hamirpur | | Lat:25 56'44.8872" N Long:80 9'27.756" E | | 0.23 MLD |

| | | |
|---|---|---|
| 6. | Mention heavy metals analysis in respect of discharge from each of the drain in the report. | |

| **Drain (city/town/** | **Heavy metals (Cr, Cu, Cd, Pb, Fe, Ni, Zn, Mn, As, Hg) (mg/L)** | **Discharged Into** |
|---|---|---|
| Pataleshwar Drain, Hamirpur | **Cr:**ND, **Cu:**ND, **Cd:**ND, **Pb:**ND, **Fe:**1.9238, **Ni:**ND, **Zn:**0.0286, **Mn:**0.2644, **As:** 0.004, **Hg:**ND | River Yamuna |
| Purana Yamuna Ghat Drain, Hamirpur | **Cr:**ND, **Cu:**ND, **Cd:**ND, **Pb:**ND, **Fe:**0.2568, **Ni:**ND, **Zn:**0.1608, **Mn:**0.2170, **As:**0.006, **Hg:**ND | River Yamuna |
| Ramedi Nala Drain, Hamirpur | **Cr:**ND, **Cu:**0.0052, **Cd:**ND, **Pb:**ND, **Fe:**0.4380, **Ni:**ND, **Zn:**0.3464, **Mn:**0.6971, **As:**0.002, **Hg:**ND | River Betwa |
| Betwa Tat Bandh Nala, Gandhi Nagar Drain, Hamirpur | **Cr:**ND, **Cu:**ND, **Cd:**ND, **Pb:**ND, **Fe:**0.5286, **Ni:**ND, **Zn:**0.1576, **Mn:**0.3861, **As:**0.007, **Hg:**ND | River Betwa |
| Purana Betwa Ghat Nala Drain, Hamirpur | **Cr:**ND, **Cu:**0.0052, **Cd:**ND, **Pb:**ND, **Fe:**1.1084, **Ni:**ND, **Zn:**0.0444, **Mn:**0.4604, **As:**0.007, **Hg:**ND | River Betwa |
| Diggi Ramedi Drain, Hamirpur | **Cr:**ND, **Cu:**ND, **Cd:**ND, **Pb:**ND, **Fe:**0.7098, **Ni:**ND, **Zn:**0.0381, **Mn:**0.3185, **As:** 0.005, **Hg:**ND | River Betwa |

**About the Hamirpur District**

Hamirpur district is a part of Chitrakoot Dham Division of Uttar Pradesh state of India. Hamirpur town is the district headquarters. It consists of Four Tehsil namely Hamirpur, Maudaha, Rath, Sarila and Seven Blocks namely Gohand, Kurara, Maudaha, Muskara, Rath, Sarila, Sumerpur. Hamirpur district lies between Lattitude 25.7913° N and Longitude 80.0088° E. Hamirpur is bounded by districts Jalaun (Orai), Kanpur and Fatehpur in north, Banda in east, Mahoba in south and Districts of Jhansi and Jalaun on the West.

The district occupies an area of 4,121.9 km². The district has a population of 1,042,374 (2001 census). As of 2011 it is the third least populous district of Uttar Pradesh (out of 71), after Mahoba and Chitrakoot. Two major rivers Yamuna and Betwa meet here. On the banks of river Betwa lies the "Coarse sand" which is exported to many parts in Uttar Pradesh.

**Languages Spoken**

At the time of the 2011 Census of India, 66.43% of the population in the district spoke Hindi, 32.01% Bundeli and 1.36% Urdu as their first language. Tongues spoken in Hamirpur include Bundeli, which has a lexical similarity of 72 - 91% with Hindi (compared to 60% for German and English) and is spoken by about 7,800,000 people in Bundelkhand.

**Demographics**

As of the 2011 Census of India, Hamirpur NPP had a population of 35,475, of which 19,027 were males and 16,448 were females. The population in the age range of 0 – 6 years was 3,940 constituting 11.1% of the total population. The total number of literates were 26,121, which constituted 73.6% of the population with male literacy of 78.7% and female literacy of 67.6%. The effective literacy rate (of 7+ population) of Hamirpur NPP was 82.8%, of which male literacy rate was 88.5% and female literacy rate was 76.3%. Hamirpur had 6,802 households in 2011.

As of the 2001 Census of India, Hamirpur had a population of 32,035, of which 17,349 were males and 14,686 were females. The population in the age range of 0–6 years was 4,230, constituting 13.2% of the total population. The total number of literates were 22,592, which constituted 70.5% of the total population, with male literacy of 77.5% and female literacy of 62.3%. The effective literacy (of 7+ population) was 81.3%, of which male literacy rate was 89.1% and female literacy rate was 72.0%.

**Drainage**

The main river that flows through the district are Yamuna, Betwa, Dhasan, Chandrawal and Pandwahar. Besides, there are many minor streams. These streams for most part of the year are torrents which get swollen greatly during the rains but at other times quickly subside into narrow stream with a very small discharge. The river Yamuna enters the district from Jalaun, first touching the district near Misripur, flowing from west to east forming some portion of the northern boundary. The Betwa flows along the north-eastern boundary from the point where the Dhasan joins it to the village of Radhina in tahsil Rath. The Betwa,

a tributary to Yamuna, is the longest river in the district. Dhasan, emanating from the Vindhyachal flows through Rath tahsil, forming the western boundary of the district. Ken, for some 22 kms. forms the boundary between tahsil Maudaha and district Banda. It also emanates from Vindhyachal and flows.

**Climate**

The intense heat and dryness especially in the north are the main climatic characteristics. The hot weather commences early in March and subsides only with the outbreak of the monsoon. If monsoon rains are delayed the heat becomes actually distinctly trying. The rocky terrain in the south adds to the blazing glare of the hot weather day. On the other hand, atmosphere is generally clear and free from the dust. The nights during cold weather are generally chilly and crisp. During the rains the climate becomes unhealthy. Indeed, rainy season gives notoriety to climate for unhealthiness. The district has the lowest rainfall among the districts of Jhansi division. The rainfall in the district is capricious and irregular. It is characterized by heavy falls causing floods somewhere with long breaks or widespread failure somewhere.

**Forestry**

Forestry does not play an important role in the economy of the district. Mainly firewood is produced in the forests. The northern portion of the district is particularly devoid of natural vegetation. The hardy Babool grows spontaneously, and in the riverine tracts where it is generally mixed Jungle of small and stunted types. The Babool is useful for the manufacture of plough and carts. Khais is a common tree, and the other trees include the Hingol, Karaunda and Karil. In the south, in tahsils Charkhari, Kulpahar and Mahoba, the hills as well as considerable level stretches are covered with forest. The tree that grows in the great profusion in these forests is Tendu. Other common species besides the Mahua are the Semal, Dadhi, Dhawa, Gurja, Dhak, Rionikhair and Kardhai. During the year 2008-09, the covered area under forest was 24,473 hectares out of total area of 390,865 Hectares (according to Statistical Diary 2010). This comes to 6.26 percent of the total area. The chief trees thus found in the forests of Maudaha and Rath tahsils are Babool, Dhak, Sahjan, Tendu, Teek, Semal, Neem, Jamun, Mahuwa and Mango. Among the wild animal’s tiger is a very rare visitant but leopard is fairly common in the rocky hills and forests of Mahoba and ulpahar. The bear is occasionally found. Wolves and hyenas are common animals to be found in hills and ravines throughout the district. Other animals commonly found in the district are jaickals, foxes, pigs, sambhar and deer. Hares are common only in south. Monkeys are uncommon. So far birds are concerned, peafowl, gray partridge, peacock, koil and ducks are most common. Of migratory waterfowls, various species of geese, duck and teal visit the area in cold weather. Numerous varieties of cranes, stocks sand other waders also congregate at the places of water.

**Information Submitted in compliance of Hon'ble NGT order dated 05.02.2024 in O.A. 200/2014 MC Mehta Vs UOI and Ors. by District Ganga Committee, Hamirpur**

**I. Sewage**

| **Drain (city/town/** | **Total Drain Capacity** | **Generation/ day** | **PH** | **BOD** | **COD** | **TSS** | **TDS** | **Heavy metals (Cr, Cu, Cd, Pb, Fe, Ni, Zn, Mn, As, Hg) (mg/L)** | **DO** | **TC** | **FC** | **Outlet flow** | **Colour / odour** | **Discharged Into** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pataleshwar Drain, Hamirpur | 5.6 MLD | 3.1 MLD | 7.63 | 52 | 235.2 | 88 | 752 | **Cr:**ND, **Cu:**ND, **Cd:**ND, **Pb:**ND, **Fe:**1.9238, **Ni:**ND, **Zn:**0.0286, **Mn:**0.2644, **As:** 0.004, **Hg:**ND | 2.8 | 13 lakhs | 7.8 lakhs | 3.1 MLD | Muddy | River Yamuna |
| Purana Yamuna Ghat Drain, Hamirpur | 4.8 MLD | 0.3 MLD | 7.56 | 56 | 244.8 | 114 | 842 | **Cr:**ND, **Cu:**ND, **Cd:**ND, **Pb:**ND, **Fe:**0.2568, **Ni:**ND, **Zn:**0.1608, **Mn:**0.2170, **As:**0.006, **Hg:**ND | 2.9 | 2.7 laks | 1.1 lakhs | 0.3 MLD | Muddy | River Yamuna |
| Ramedi Nala Drain, Hamirpur | 4.5 MLD | 2.5 MLD | 7.6 | 102 | 297.6 | 144 | 837 | **Cr:**ND, **Cu:**0.0052, **Cd:**ND, **Pb:**ND, **Fe:**0.4380, **Ni:**ND, **Zn:**0.3464, **Mn:**0.6971, **As:**0.002, **Hg:**ND | 2.4 | 7 lakhs | 3.3 lakhs | 2.5 MLD | Yellowish | River Betwa |
| Betwa Tat Bandh Nala, Gandhi Nagar Drain, Hamirpur | 3.8 MLD | 0.20 MLD | 7.45 | 76 | 268.8 | 119 | 794 | **Cr:**ND, **Cu:**ND, **Cd:**ND, **Pb:**ND, **Fe:**0.5286, **Ni:**ND, **Zn:**0.1576, | 1.4 | 9.3 lakhs | 2 lakhs | 0.20 MLD | Yellowish | River Betwa |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Mn:**0.3861, **As:**0.007, **Hg:**ND | | | | | | |
| Purana Betwa Ghat Nala Drain, Hamirpur | 5.3 MLD | 1.20 MLD | 7.46 | 68 | 254.4 | 126 | 924 | **Cr:**ND, **Cu:**0.0052, **Cd:**ND, **Pb:**ND, **Fe:**1.1084, **Ni:**ND, **Zn:**0.0444, **Mn:**0.4604, **As:**0.007, **Hg:**ND | 2.6 | 11 thousand | 7.9 thousand | 1.20 MLD | Turbid | River Betwa |
| Diggi Ramedi Drain, Hamirpur | 3.2 MLD | 0.23 MLD | 7.41 | 90 | 278.4 | 121 | 1012 | **Cr:**ND, **Cu:**ND, **Cd:**ND, **Pb:**ND, **Fe:**0.7098, **Ni:**ND, **Zn:**0.0381, **Mn:**0.3185, **As:** 0.005, **Hg:**ND | 3.4 | 22 lakhs | 7 lakhs | 0.23 MLD | Colourless | River Betwa |

**2. STP (SEWAGE TREATMENT PLANT)**

| **Existing STP (location & capacity)** | **Capacity (operational)** | **Inlet/ Outlet water quality & quantity** | **Number of tapped drains (quantity of discharge)** | **Final discharge point** | **Proposed/ Under construction STP with Completion date** |
|---|---|---|---|---|---|
| At Present, STP is proposed in the district to treat the | At present STP is proposed in | At present STP is proposed in Hamirpur district. The | A total of 11 no of drain are to be tapped in Hamirpur City and a | The sewage generated from Hamirpur Nagar Palika area is being discharged into rivers. (Yamuna and | NPP Hamirpur- STP of 5.75 MLD, I&D works (11 nos of drain to be tapped), 44.88 Km Sewer Network and 1 No Cesspool Tanker are proposed under SBM 2.0 programme. After approval of DPR work timeline will be given.<br>NPP Rath- STP of 6.78 MLD, I&D works (11 nos of drain to be tapped), 52.56Km Sewer Network and 2 No Cesspool |

| | | | | | |
|---|---|---|---|---|---|
| sewage that is being generated in Hamirpur. | Hamirpur district. | proposed STP of Hamirpur and Rath will have a capacity of 5.75 MLD and 6.78 MLD. | total of 11 drains to be tapped in Rath city for sewage treatment. | Betwa). | Tanker are proposed under SBM 2.0 program. After approval of DPR work timeline will be given. |

**2.1 STP Additional Information:**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/COORDINATES of the Drains | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| Pataleshwar Drain, Hamirpur | At Present, STP is proposed in the district to treat the sewage that is being generated in Hamirpur.<br><br>2 STPs are proposed under SBM 2.0. All the drains have been installed with iron mesh at the meeting point with the river to prevent solid and plastic waste flowing into the river.<br><br>NPP Hamirpur- STP of 5.75 MLD, I&D works (11 nos of drain to be tapped), 44.88 Km Sewer Network | Lat: 25 57'46.2312" N<br>Long: 80 8'50.5572" E | At present STPs are proposed; therefore, no discharge from STP into the drains. | 3.1 MLD |
| Purana Yamuna Ghat Drain, Hamirpur | | Lat: 25 57'58.6836" N<br>Long: 80 8'29.2164" E | | 0.3 MLD |
| Ramedi Nala Drain, Hamirpur | | Lat: 25 56'49.6248" N<br>Long:80 9'9.576" E | | 2.5 MLD |
| Betwa Tat Bandh Nala, Gandhi Nagar Drain, Hamirpur | | Lat:25 57'36.8496" N<br>Long: 80 8'22.4448" E | | 0.20 MLD |

| | | | | |
|---|---|---|---|---|
| Purana Betwa Ghat Nala Drain, Hamirpur | and 1 No Cesspool Tanker are proposed under SBM 2.0 programme. After approval of DPR work timeline will be given.<br><br>NPP Rath- STP of 6.78 MLD, I&D works (11 nos of drain to be tapped), 52.56Km Sewer Network and 2 No Cesspool Tanker are proposed under SBM 2.0 program. After approval of DPR work timeline will be given. | Lat: 25 57'12.2868" N<br>Long: 80 8'42.0648" E | | 1.20 MLD |
| Diggi Ramedi Drain, Hamirpur | | Lat:25 56'44.8872" N<br>Long:80 9'27.756" E | | 0.23 MLD |

**Drainage Information:**

| **Proposed STP (Location & capacity)** | **Capacity (operational)** | **Inlet/Outlet water quality and quantity** | **Number of tapped drains (quantity of discharge)** | **Gap (in treatment)** | **Final discharge point, Geo code/ sampling point** | **Proposed/ under construction STP with completion date** |
|---|---|---|---|---|---|---|
| NPP Hamirpur- STP of 5.75 MLD, I&D works (11 nos of drain to be tapped), 44.88 Km Sewer Network and 1 No Cesspool Tanker are proposed under SBM 2.0 programme. After approval of DPR work timeline will be given. | 5.75 MLD when operational | At Present, STP is porposed in the district to treat the sewage that is being generated in Hamirpur.<br>(11 nos of drain to be tapped in Hamirpur and 11 nos of drains to be tapped in Rath) | | STP Proposed | At Present, STP is proposed in the district to treat the sewage that is being generated in Hamirpur. | After approval of DPR work timeline will be given. |
| NPP Rath- STP of 6.78 MLD, I&D works (11 nos of drain to be tapped), 52.56Km Sewer Network and 2 No Cesspool Tanker are | 6.78 MLD when operational | | | | | After approval of DPR work timeline will be given.<br>NPP Rath does not discharge the |

| | | | | | |
|---|---|---|---|---|---|
| proposed under SBM 2.0 program. After approval of DPR work timeline will be given. | | | | | sewage generated from city in any tributary of River Ganga. |

**3. HOTELS/ ASHRAMS**

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| 1. Hotel Pooja, Near Islamiya Inter College, Aman Saheed, Hamirpur | Not Applied | STP is proposed in Hamirpur, therefore the sewage is discharged into septic tanks/soak pits. | Through septic tanks/soak pits | Notice sent vide letter dated 30.12.2023 and 14.03.2024 for complying the provision of Water (Pollution, Prevention and Control) Act 1974 and its amendments and Air (Pollution, Prevention and Control) Act 1981 and its amendments. |
| 2. Vedika Guest House King Road, Hamirpur | Not Applied | STP is proposed in Hamirpur, therefore the sewage is discharged into septic tanks/soak pits. | Through septic tanks/soak pits | Notice sent vide letter dated 30.12.2023 and 14.03.2024 for complying the provision of Water (Pollution, Prevention and Control) Act 1974 and its amendments and Air (Pollution, Prevention and Control) Act 1981 and its amendments. |
| 3. Hotel Aashirvad Rahuniya Dharamshala, Hamirpur | Not Applied | STP is proposed in Hamirpur, therefore the sewage is discharged into septic tanks/soak pits. | Through septic tanks/soak pits | Notice sent vide letter dated 30.12.2023 and 14.03.2024 for complying the provision of Water (Pollution, Prevention and Control) Act 1974 and its amendments and Air (Pollution, Prevention and Control) Act 1981 and its amendments. |
| 4. Kanha Dham Hotels Private Limited Meharpuri Jail Road, Hamirpur. | Not Applied | STP is proposed in Hamirpur, therefore the sewage is discharged into septic tanks/soak pits. | Through septic tanks/soak pits | Notice sent vide letter dated 30.12.2023 and 14.03.2024 for complying the provision of Water (Pollution, Prevention and Control) Act 1974 and its amendments and Air (Pollution, Prevention and Control) Act 1981 and its amendments. |

**4. Industrial Effluent discharge**

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code Sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| There are no water-polluting industries present in Hamirpur district who is discharging their effluent in Yamuna and Betwa river. | | | | | | | | |

| Name of the District | Name and Address of Unit | Operational Status(Operational/ Not Operational) | Status of Display Board (Installed/ Not installed) | Status of HW Authorisation | HW Units submitted annual returns (Yes/ No) | Authorized Quantity of Hazardous Waste (Metric Tonne) | | | | Total Quantity | *Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne) | | | | Total Quantity | Details on Import and Export of Hazardous Waste | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Landfillable | Incinerable | Recyclable | Utilizable | | Landfillable | Incinerable | Recyclable | Utilizable | | Quantity of HW imported during the year(MetricTonne) | Type of HW | Quantity of HW exported during the year (Metric Tonne) | Type of HW |
| | | | | | 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | | 10 | 11 | 12 | 13 |
| Hamirpur | Hindustan Unilever Limited (Unit-3) Plot no. A-1, UPSIDC Industrial Estate, Bharua Sumerpur, | Operational | Installed | Granted | YES | 60 | 0 | 90 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Distt Hamirpur | | | | | | | | | | | | | | | | | | |
| Hamirpur | Hindustan Unilever Limited (Unit-1) Plot no. A-1, UPSIDC Industrial Estate, Bharua Sumerpur, Distt Hamirpur | Operational | Installed | Granted | YES | 15 | 0 | 20 | 0 | 35 | 3 | 0 | 30 | 0 | 33.1 | 0 | - | 0 | - |
| Hamirpur | Hindustan Unilever Limited (Unit-2) Plot no. A-1, UPSIDC Industrial Estate, Bharua Sumerpur, Distt Hamirpur | Operational | Installed | Granted | YES | 50 | 0 | 60 | 0 | 110 | 1 | 0 | 19 | 0 | 20 | 0 | - | 0 | - |
| Hamirpur | Unilever India Limited(Unit-4) Plot no. A-2, UPSIDC Industrial Estate, Bharua Sumerpur, | Operational | Installed | Granted | YES | 60 | 0 | 90 | 0 | 150 | 1 | 0 | 16 | 0 | 17 | 0 | - | 0 | - |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Distt Hamirpur | | | | | | | | | | | | | | | | | | |
| Hamirpur | Rimjhim Ispat Ltd, B-22, 23, Industrial Area, Bharua, Hamirpur | Operational | Installed | Granted | YES | 90 | 0 | 0 | 0 | 90 | 17 | 0 | 0 | 0 | 17.5 | 0 | - | 0 | - |
| Hamirpur | A. G. Trading Company E-4, Industrial Area, Bharua Sumerpur, Hamirpur | Operational | Installed | Granted | YES | 0 | 0 | 70 | 0 | 70 | 0 | 0 | 0 | 0 | 0.11 | 0 | - | 0 | - |
| Hamirpur | Amit Packaging, F 93 to F 96, UPSIDC Industrial Estate, Bharua Sumerpur, Distt Hamirpur | Operational | Installed | Granted | YES | 0 | 0 | 2.64 | 0 | 2.6 | 0 | 0 | 0 | 0 | 0.02 | 0 | - | 0 | - |
| Hamirpur | Jaykaycem Central Works , Village-Ingotha, Pargana-Sumerpur, Distric - Hamirpur | Operational | Installed | Granted | YES | 1.3 | 0 | 7 | 0 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | - |

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

| Area- cities/ towns Notification of flood plain zone | Demarcation | | Encroachment & direct discharge Geocode/Sampling Point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|
| | No development zone pillars | Regulatory zone pillars | | | |
| For the demarcation of the Flood Plain Zone, a DPR has been prepared by the office of Executive Engineer Maudaha Bandh and has been sent for fund allocation to the higher authorities by letter no: 2401 dated 22.12.2023 for approval. After the allocation of funds, the demarcation of the Flood Plain Zone will be carried out in the Hamirpur district. | | | | | |

**6. AFFORESTATION/ PLANTATION along the bank of River Ganga and its tributaries and their flood plain zones**

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | Proposed project | Timeline |
|---|---|---|---|
| Hamirpur | A total of 2700 Hectares of land has been planted in the year 2023-2024 within 10 Kms of main river to restore the floodplains and to increase green cover along with stabilizing the soil, increase water holding capacity of the soil and decrease soil erosion. | In the upcoming year 2024 - 2025, approximately 2000 Hectares of land is to be planted by the forest department. | Forest department is doing plantation and soil conservation work every year along the banks of the rivers, this year (2023-24) a total of 2700 hectares of land has been planted.<br>The timeline for plantation of the proposed 2000 Hectares of land is to be completed by October 2024 - 25. |

**Geotag Location of Plantations along the river banks:**

| Sl. No | Name of forest department | Name of Plan | Name of Range | Name of River | Name of the place | Area in hectares | G.P.S. Coordinates | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Latitude | Longitude |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **1** | Hamirpur | Social Forestry general | Maudaha | Ken | Bhulsi Forest Block | 10 | N $25^0$ 40'22" | E $80^0$ 18'09" |
| **2** | Hamirpur | Social Forestry general | Maudaha | Birma | Bandur Khurd 1st Forest Block | 25 | N $25^0$ 49'07.61" | E $79^0$ 51'52.14" |
| **3** | Hamirpur | Social Forestry general | Maudaha | Birma | Bandur Khurd 2nd Forest Block | 22 | N $25^0$ 48'40.27" | E $79^0$ 52'13.28" |
| **4** | Hamirpur | Social Forestry general | Maudaha | Ken | Bejemau Forest Block | 20 | N $25^0$40'50" | E $80^0$ 18' 06" |
| | | | | | **Total** | **77** | | |
| **1** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Indrapuri Forest Block-1 | 20 | N 25° 53' 30.15" | E 079° 55' 14.30" |
| **2** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Indrapuri Forest Block-II | 20 | N 25° 53' 27.30" | E 079° 55' 16.92" |
| **3** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Indrapuri Forest Block-II | 20 | N 25° 53' 18.27" | E 079° 55' 21.29" |
| **4** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Bindpuri Forest Block I | 20 | N 25° 53' 30.74" | E 079° 55' 17.92" |
| **5** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Bindpuri Forest Block II | 20 | N 25° 53' 57.82" | E 079° 56' 44.69" |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **6** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Bindpuri Forest Block III | 20 | N 25° 53' 45.14" | E 079° 56' 24.14" |
| **7** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Mishripur Forest Block- I | 20 | N 26° 05' 8.22" | E 079° 56' 16.32" |
| **8** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Mishripur Forest Block- II | 20 | N 26° 05' 31.44" | E 079° 56' 27.72" |
| **9** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Mishripur Forest Block- III | 20 | N 26° 05' 14.1" | E 079° 56' 7.92" |
| **10** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Mishripur Forest Block- IV | 20 | N 26° 05' 41.34" | E 079° 56' 27.12" |
| **11** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Mishripur Forest Block- V | 20 | N 26° 05' 53.16" | E 079° 56' 41.94" |
| **12** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Barua Forest Block I | 20 | N 26° 03' 35.1" | E 079° 58' 25.38" |
| **13** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Barua Forest Block II | 20 | N 26° 03' 31.32" | E 079° 58' 20.16" |
| **14** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Chandpur Forest Block I | 20 | N 25° 58' 25" | E 080° 07' .16" |
| **15** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Chandpur Forest Block II | 20 | N 25° 59' .22" | E 080° 06' .00" |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **16** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Chandupur Forest Block III | 20 | N 25° 59' 13.2" | E 080° 05' 31.0" |
| **17** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Sikraudi Forest Block- I | 20 | N 25° 59' .40" | E 80° 04' 47.6" |
| **18** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Sikraudi Forest Block- II | 20 | N 26° 22' 07.0" | E 80° 04' 37.9" |
| **19** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Manjhupur Forest Block | 20 | N 25° 58' 33.4" | E 080° 06' 39.2" |
| **20** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Badanpur Forest Block | 20 | N 25° 57' 7.76" | E 080° 06' 38.79" |
| **21** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Kandaur Forest Block - I | 20 | N 25° 54' 46.63" | E 079° 58' 44.97" |
| **22** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Kandaur Forest Block - II | 20 | N 25° 54' 34.93" | E 079° 58' 58.57" |
| **23** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Kandaur Forest Block - III | 10 | N 25° 54' 29.22" | E 079° 59' 09.91" |
| **24** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Naithi Forest Block | 20 | N 25° 55' 01.17" | E 080° 03' 43.94" |
| **25** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Gimuha Forest Block | 20 | N 25° 56' 23.75" | E 080° 05' 05.02" |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **26** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Patara Forest Block | 20 | N 25° 54' 42.88" | E 080° 02' 51.13" |
| **27** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Para Forest Block | 20 | N 25° 55' 07.07" | E 079° 58' 41.34" |
| **28** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Magredi Forest Block | 20 | N 25° 54' 56.22" | E 079° 57' 59.92" |
| **29** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Bhauli Forest Block -I | 20 | N 26° 02' 52.9" | E 80° 03' 32.3" |
| **30** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Bhauli Forest Block -II | 20 | N 26° 02' 37.0" | E 80° 03' 22.3" |
| **31** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Raniganj Forest Block | 20 | N 25° 54' 06.26" | E 079° 55' 21.36" |
| **32** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Umrahat Forest Block - I | 20 | N 26° 06' 22.2" | E 079° 57' 4.74" |
| **33** | Hamirpur | Social Forestry general | Hamirpur | Yamuna | Umrahat Forest Block - II | 20 | N 26° 06' 37.56" | E 079° 57' 17.94" |
| **34** | Hamirpur | Social Forestry general | Hamirpur | Betwa | Kanauta Forest Block | 20 | N 25° 57' 20.8" | E 080° 06' 04.0" |
| | | | | | **Total** | **670** | | |
| **1** | Hamirpur | Social Forestry general | Rath | Dhasan | Ekthaura Forest Block-I | 20 | $25^0$40'33" | $79^0$ 23' 48" |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **2** | Hamirpur | Social Forestry general | Rath | Birma | Kaitha Forest Block-I | 20 | $25^0$30'35" | $79^0$ 32' 48" |
| **3** | Hamirpur | Social Forestry general | Rath | Birma | Kaitha Forest Block-II | 20 | $25^0$30'31" | $79^0$ 33' 3" |
| **4** | Hamirpur | Social Forestry general | Rath | Dhasan | Jhinnabira Forest Bock-I | 20 | $25^0$31'51" | $79^0$ 24' 48" |
| **5** | Hamirpur | Social Forestry general | Rath | Dhasan | Kuchecha Forest Block-I | 20 | $25^0$32'59" | $79^0$ 24' 51" |
| **6** | Hamirpur | Social Forestry general | Rath | Dhasan | Kuchecha Forest Block-III | 25 | $25^0$33'17" | $79^0$ 26' 13" |
| **7** | Hamirpur | Social Forestry general | Rath | Dhasan | Kuchecha Forest Block-IV | 5 | $25^0$33'4" | $79^0$ 25' 45" |
| **8** | Hamirpur | Social Forestry general | Rath | Dhasan | Jigni Forest Block-I | 20 | $25^0$ 43'17" | $79^0$ 23'44" |
| **9** | Hamirpur | Social Forestry general | Rath | Dhasan | Jigni Forest Block-II | 10 | $25^0$ 42'59" | $79^0$ 24'24" |
| **10** | Hamirpur | Social Forestry general | Rath | Dhasan | Jigni Forest Block-III | 25 | $25^0$ 43'32" | $79^0$ 24'5" |
| **11** | Hamirpur | Social Forestry general | Rath | Dhasan | Jigni Forest Block-IV | 25 | $25^0$ 42'53" | $79^0$ 24'12" |
| **12** | Hamirpur | Social Forestry general | Rath | Dhasan | Jigni Forest Block-V | 25 | $25^0$ 43'9" | $79^0$ 24'17" |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **13** | Hamirpur | Social Forestry general | Rath | Dhasan | Jigni Forest Block-VI | 25 | $25^0$ 43'36" | $79^0$ 24'56" |
| **14** | Hamirpur | Social Forestry general | Rath | Dhasan | Jigni Forest Block-VII | 25 | $25^0$ 43'41" | $79^0$ 24'57" |
| **15** | Hamirpur | Social Forestry general | Rath | Dhasan | Jigni Forest Block-VIII | 10 | $25^0$ 44'59" | $79^0$ 24'21" |
| **16** | Hamirpur | Social Forestry general | Rath | Dhasan | Bilgaon Forest Block-I | 20 | $25^0$ 45'50" | $79^0$ 23'10" |
| **17** | Hamirpur | Social Forestry general | Rath | Dhasan | Bilgaon Forest Block-II | 25 | $25^0$ 45'46" | $79^0$ 23'1" |
| **18** | Hamirpur | Social Forestry general | Rath | Dhasan | Bilgaon Forest Block-III | 25 | $25^0$ 46'8" | $79^0$ 22'33" |
| **19** | Hamirpur | Social Forestry general | Rath | Dhasan | Majhgaon Forest Block -I | 20 | $25^0$ 37'57" | $79^0$ 24'23" |
| **20** | Hamirpur | Social Forestry general | Rath | Dhasan | Ramgarh Forest Block-I | 20 | $25^0$ 38'29" | $79^0$ 22'24" |
| **21** | Hamirpur | Social Forestry general | Rath | Dhasan | Ramgarh Forest Block-II | 25 | $25^0$ 38'46" | $79^0$ 22'12" |
| **22** | Hamirpur | Social Forestry general | Rath | Dhasan | Ramgarh Forest Block-III | 25 | $25^0$ 38'47" | $79^0$ 21'53" |

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|---|---|---|---|---|---|---|---|---|
| **23** | Hamirpur | Social Forestry general | Rath | Dhasan | Gugrwara Forest Block-II | 25 | $25^0$ 31'20" | $79^0$ 25'23" |
| **24** | Hamirpur | Social Forestry general | Rath | Dhasan | Gohani Panwari Forest Block | 25 | $25^0$ 34'10" | $79^0$ 25'59" |
| **25** | Hamirpur | Social Forestry general | Rath | Birma | Para Forest Block | 25 | $25^0$ 32'40" | $79^0$ 37'45" |
| **26** | Hamirpur | Social Forestry general | Rath | Betwa | Chandbari Forest Block-I | 25 | $25^0$ 47'43" | $79^0$ 24'57" |
| **27** | Hamirpur | Social Forestry general | Rath | Betwa | Chandbari Forest Block-II | 25 | $25^0$ 47'40" | $79^0$ 24'43" |
| **28** | Hamirpur | Social Forestry general | Rath | Dhasan | Lidhaura Forest Block I | 25 | $25^0$ 35'58" | $79^0$ 23'32" |
| **29** | Hamirpur | Social Forestry general | Rath | Dhasan | Lidhaura Forest Block II | 25 | $25^0$ 35'32" | $79^0$ 23'44" |
| **30** | Hamirpur | Social Forestry general | Rath | Dhasan | Gadhar Forest Block | 25 | $25^0$ 43'22" | $79^0$ 23'44" |
| **31** | Hamirpur | Social Forestry general | Rath | Dhasan | Tolakhangaran Forest Block-III | 25 | $25^0$ 41'15" | $79^0$ 24'19" |
| **32** | Hamirpur | Social Forestry general | Rath | Dhasan | Tolakhangaran Forest Block-IV | 25 | $25^0$ 40'44" | $79^0$ 23'50" |

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|---|---|---|---|---|---|---|---|---|
| **33** | Hamirpur | Social Forestry general | Rath | Dhasan | Tolakhan garan Forest Block-V | 25 | $25^0$ 40'56" | $79^0$ 23'42" |
| **34** | Hamirpur | Social Forestry general | Rath | Dhasan | Ikthaura Forest Block III | 25 | $25^0$ 39'59" | $79^0$ 24'6" |
| **35** | Hamirpur | Social Forestry general | Rath | Dhasan | Majhgao n Forest Block III | 25 | $25^0$ 37'39" | $79^0$ 23'21" |
| **36** | Hamirpur | Social Forestry A.N.R | Rath | Dhasan | Ramgarh Forest Block | 50 | $25^0$ 38'11.00" | $79^0$ 23'25.00" |
| **37** | Hamirpur | Social Forestry Sp. Comp. | Rath | Dhasan | Ikthaura Forest Block II | 20 | $25^0$ 40'18" | $79^0$ 24'6" |
| **38** | Hamirpur | Social Forestry Sp. Comp. | Rath | Dhasan | Tolakhan garan Forest Block I | 20 | $25^0$ 41'20" | $79^0$ 24'15" |
| **39** | Hamirpur | Social Forestry Sp. Comp. | Rath | Dhasan | Tolakhan garan Forest Block II | 20 | $25^0$ 40'45" | $79^0$ 24'18" |
| **40** | Hamirpur | Social Forestry Sp. Comp. | Rath | Dhasan | Sargaon Forest block | 20 | $25^0$ 39'37" | $79^0$ 24'44" |
| **41** | Hamirpur | Social Forestry Sp. Comp. | Rath | Dhasan | Jhinnabir a Forest Block-II | 20 | $25^0$ 30'55" | $79^0$ 24'37" |

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|---|---|---|---|---|---|---|---|---|
| **42** | Hamirpur | Social Forestry Sp. Comp. | Rath | Dhasan | Kuchecha Forest Block-II | 20 | $25^0$ 33'8" | $79^0$ 25'34" |
| **43** | Hamirpur | Social Forestry Sp. Comp. | Rath | Dhasan | Gugurawara Forest Block-I | 20 | $25^0$ 31'34" | $79^0$ 25'35" |
| **44** | Hamirpur | Social Forestry Sp. Comp. | Rath | Dhasan | Majhgawan Forest Block-II | 20 | $25^0$ 38'2" | $79^0$ 24'10" |
| | | | | | **Total** | **990** | | |
| **1** | Hamirpur | Social Forestry general | Sarila | Betwa | Bendadanda Forest Block I | 25 | 25 51 49.85 | 79 51 50.54 |
| **2** | Hamirpur | Social Forestry general | Sarila | Betwa | Bendadanda Forest Block II | 25 | 25 51 50.54 | 79 35 19.38 |
| **3** | Hamirpur | Social Forestry general | Sarila | Betwa | Bendadanda Forest Block III | 25 | 25 51 52.73 | 79 35 02.75 |
| **4** | Hamirpur | Social Forestry general | Sarila | Betwa | Bendadanda Forest Block IV | 25 | 25 52 09.49 | 79 33 46.54 |
| **5** | Hamirpur | Social Forestry general | Sarila | Betwa | Ichaura Forest Block | 25 | 25 52 30.49 | 79 32 50.01 |

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|---|---|---|---|---|---|---|---|---|
| **6** | Hamirpur | Social Forestry general | Sarila | Betwa | Chikasi Forest Block-I | 21 | 25 47 37.02 | 79 28 24.52 |
| **7** | Hamirpur | Social Forestry general | Sarila | Betwa | Chikasi Forest Block-II | 25 | 25 47 53.60 | 79 28 25.63 |
| **8** | Hamirpur | Social Forestry general | Sarila | Betwa | Barenda maaf Forest Block-I | 25 | 25 50 06.44 | 79 34 21.72 |
| **9** | Hamirpur | Social Forestry general | Sarila | Betwa | Barenda maaf Forest Block-II | 25 | 25 49 57.20 | 79 34 11.11 |
| **10** | Hamirpur | Social Forestry general | Sarila | Betwa | Hardua Forest Block | 25 | 25 49 35.56 | 79 30 04.53 |
| **11** | Hamirpur | Social Forestry general | Sarila | Betwa | Barauli Forest Block | 25 | 25 48 05.33 | 79 29 32.53 |
| **12** | Hamirpur | Social Forestry general | Sarila | Betwa | Jitkiri Forest Block-I | 25 | 25 53 24.62 | 79 37 34.36 |
| **13** | Hamirpur | Social Forestry general | Sarila | Betwa | Jitkiri Forest Block-II | 25 | 25 52 55.53 | 79 36 22.91 |
| **14** | Hamirpur | Social Forestry general | Sarila | Betwa | Jitkiri Forest Block-III | 25 | 25 52 48.16 | 79 36 24.03 |
| **15** | Hamirpur | Social Forestry general | Sarila | Betwa | Jamaudi Forest Block-I | 25 | 25 54 00.70 | 79 38 11.24 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **16** | Hamirpur | Social Forestry general | Sarila | Betwa | Jamaudi Forest Block-II | 25 | 25 54 16.76 | 79 37 39.40 |
| **17** | Hamirpur | Social Forestry general | Sarila | Betwa | Jamaudi Forest Block-III | 25 | 25 54 17.62 | 79 37 46.69 |
| **18** | Hamirpur | Social Forestry general | Sarila | Betwa | Chandaut Forest Block-I | 25 | 25 53 54.72 | 79 38 10.62 |
| **19** | Hamirpur | Social Forestry general | Sarila | Betwa | Chandaut Forest Block-II | 25 | 25° 54' 1.11 | 79° 38' 45.63 |
| **20** | Hamirpur | Social Forestry general | Sarila | Betwa | Bhedi Danda Forest Block-I | 25 | 25 50 23.08 | 79 49 30.08 |
| **21** | Hamirpur | Social Forestry general | Sarila | Betwa | Bhedi Danda Forest Block-II | 25 | 25 50 14.22 | 79 49 21.19 |
| **22** | Hamirpur | Social Forestry general | Sarila | Birma | Uprehka Forest Block-I | 25 | 25 43 30.95 | 79 45 58.52 |
| **23** | Hamirpur | Social Forestry general | Sarila | Birma | Uprehka Forest Block-II | 25 | 25 43 31.85 | 79 40 02.33 |
| **24** | Hamirpur | Social Forestry general | Sarila | Birma | Uprehka Forest Block-III | 25 | 25 42 45.20 | 79 45 47.90 |
| **25** | Hamirpur | Social Forestry general | Sarila | Betwa | Basriya Forest Block-I | 25 | 25° 53' 38.50 | 79° 42' 15.62 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **26** | Hamirpur | Social Forestry general | Sarila | Betwa | Basriya Forest Block-II | 25 | 25° 53' 35.21 | 79° 42' 33.15 |
| **27** | Hamirpur | Social Forestry general | Sarila | Betwa | Harsundi Forest Block-I | 25 | 25° 51' 22.04 | 79° 44' 53.42 |
| **28** | Hamirpur | Social Forestry general | Sarila | Betwa | Harsundi Forest Block-II | 25 | 25° 51' 31.30 | 79° 45' 8.26 |
| **29** | Hamirpur | Social Forestry general | Sarila | Betwa | Ismailpur Forest Block-I | 25 | 25 48 15.60 | 79 33 02.98 |
| **30** | Hamirpur | Social Forestry general | Sarila | Betwa | Ismailpur Forest Block-II | 25 | 25 48 36.22 | 79 32 53.13 |
| **31** | Hamirpur | Social Forestry general | Sarila | Birma | Muhmadpur Forest Block | 25 | 25° 43' 59.7" | 79° 45' 53.94 |
| **32** | Hamirpur | Social Forestry general | Sarila | Betwa | Khandaut Forest Block | 25 | 25° 51' 20.77 | 79° 46' 56.23 |
| **33** | Hamirpur | Social Forestry general | Sarila | Betwa | Kupra Forest Block | 25 | 25 51 27.84 | 79 52 23.66 |
| **34** | Hamirpur | Social Forestry general | Sarila | Birma | Rajamau Forest Block | 25 | 25 48 04.07 | 79 50 48.91 |
| | | | | | **Total** | **846** | | |
| **1** | Hamirpur | Social Forestry general | Sumerpur | Birma | Kupra Forest Block-I | 20 | N 25° 51' 06" | E 079° 53' 37" |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **2** | Hamirpur | Social Forestry general | Sumerpur | Birma | Kupra Forest Block-II | 20 | N 25° 51' 34" | E 079° 53' 30" |
| **3** | Hamirpur | Social Forestry general | Sumerpur | Birma | Kupra Forest Block-III | 20 | N 25° 51' 24" | E 079° 53' 40" |
| **4** | Hamirpur | Social Forestry general | Sumerpur | Betwa | Bajehta Forst Block-I | 10 | N 25° 51' 50" | E 079° 57' 02" |
| **5** | Hamirpur | Social Forestry general | Sumerpur | Betwa | Bajehta Forst Block-II | 20 | N 25° 52' 07" | E 079° 56' 02" |
| **6** | Hamirpur | Social Forestry general | Sumerpur | Yamuna | Surauli Forest Block-I | 20 | N 25° 53' 48" | E 080° 15' 19" |
| **7** | Hamirpur | Social Forestry general | Sumerpur | Yamuna | Surauli Forest Block-II | 10 | N 25° 53' 14" | E 080° 17' 40" |
| **8** | Hamirpur | Social Forestry general | Sumerpur | Yamuna | Badgaon Forest Block | 10 | N 25° 54' 51" | E 080° 12' 59" |
| | | | | | **Total** | **130** | | |
| | | | | | **Grand Total** | **2713** | | |

**7. Mining:**

| Area of Mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| No of lease granted:24<br>Total area: 631.97Hac<br><br>Morram mining is being carried out in Hamirpur district. | 04 cases have been registered. | 07 vehicles have been seized. | Investigation is in process. | None | Yamuna, Betwa, Ken and Dhasan rivers flow in Hamirpur district. To curb illegal mining in the district, Geology and Mining Department of Uttar Pradesh by G.O. 616/86-2018-371/2005 dated 20.03.2018 had ordered to constitute a district level task force for monitoring of Illegal mining, in compliance of the G.O. a district level task force has been constituted by Mining Office Hamirpur Order number- 1387/Mining-MMC-30-Missellaneous (2017-18) Dated 24.03.2018.<br>From time to time, the above-constituted task force investigates and takes action against illegal mining transportation. All mining areas under the district have been installed with PTZ cameras, CCTV cameras, and RFID scanners, the cameras are being monitored from the head office in Lucknow and the district command center at Hamirpur. Apart from this, a check gate has been established at the district headquarters between Lakshmi-bai Cross road and Yamuna Bridge, through which vehicles transporting/carrying illegal mining materials are being issued online challans. |

1. The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**2.1 Sewage Management**

(i) Sewage generation (for entire District and individual town-wise): Following is the town-wise information about sewage and municipal waste generation:

**Sewage Information**

| Name of District | Name of ULB | Total Population in ULB | Total Sewage Generation (MLD) | Treatment of Sewage (MLD) | Final Disposal of sewage (MLD) | Remark |
|---|---|---|---|---|---|---|
| Hamirpur | Hamirpur | 54830 (as per 2011 census) | 7.53 | 0 | Water Body (River Yamuna and Betwa) | STP of 5.75 MLD, I&D works (11 no's of drain to be tapped), 44.88 Km Sewer Network, and 1 No Cesspool Tanker are proposed under SBM 2.0 programme. After approval of DPR work timeline will be given. |
| | Rath | 67683 (as per 2011 census) | 9.30 | 0 | In Municipality area (by digging trench) | STP of 6.78 MLD, I&D works (11 no's of drain to be tapped), 52.56Km Sewer Network and 2 No Cesspool Tanker are proposed under SBM 2.0 program. After approval of DPR work timeline will be given. |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Maudaha | 49501(as per 2011 census) | 6.80 | 0 | In Municipality area (by digging trench) | NP Maudaha, NP Kurara, NP Sumerpur, NP Gohand, NP Sarila's Proposal- Under SBM 2.0 Annexure 3B are to be approved after that detailed DPR will be proposed. |
| | Sumerpur | 39486 (as per 2011 census) | 5.30 | 0 | In Municipality area (by digging trench) | |
| | Kurara | 13408 (as per 2011 census) | 1.84 | 0 | In Municipality area (by digging trench) | |
| | Sarila | 9270 (as per 2011 census) | 1.27 | 0 | In Municipality area (by digging trench) | |
| | Gohand | 7526 (as per 2011 census) | 1.03 | 0 | In Municipality area (by digging trench) | |

(ii) **Existing Sewage Treatment Capacities:** STP is proposed in Hamirpur district. However, sewage from the household is being discharged into septic tanks, soak pits, drains and sewerage lines. These sewerage lines merge with the major drains and, major drains release the wastewater to the Yamuna and Betwa rivers.

(iii) **Quantity of sewage is being treated (utilization capacity):** The quality of sewage is expectedly improved through the anaerobic digestion of the sewage in the septic tanks.

(iv) **Performance of STPs particularly for FC:** STP is proposed in the district Hamirpur.

(v) **Where treated sewage is being discharged (to Ganga or tributaries):** The sewage from the household is being discharged into septic tanks, soak pits, drains and sewerage lines.

(vi) **Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines):** STP is proposed in the district Hamirpur.

(vii) **Current Gap in sewage treatment:** STP is proposed in the district Hamirpur.

(viii) **Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues:** To fulfil the gaps, a proposal for the development of STP is being prepared by Jal Nigam (Urban) Hamirpur for NPP Hamirpur and NPP

Rath. Detailed information of the same is mentioned below.

**2. STP (SEWAGE TREATMENT PLANT)**

| **Existing STP (location & capacity)** | **Capacity (operational)** | **Inlet/ Outlet water quality & quantity** | **Number of tapped drains (quantity of discharge)** | **Final discharge point** | **Proposed/ Under construction STP with Completion date** |
|---|---|---|---|---|---|
| At Present, STP is proposed in the district to treat the sewage that is being generated in Hamirpur. | At present STP is proposed in Hamirpur district. | At present STP is proposed in Hamirpur district. The proposed STP of Hamirpur and Rath will have a capacity of 5.75 MLD and 6.78 MLD. | A total of 11 no of drain are to be tapped in Hamirpur City and a total of 11 drains to be tapped in Rath city for sewage treatment. | The sewage generated from Hamirpur Nagar Palika area is being discharged into rivers. (Yamuna and Betwa). | NPP Hamirpur- STP of 5.75 MLD, I&D works (11 nos of drain to be tapped), 44.88 Km Sewer Network and 1 No Cesspool Tanker are proposed under SBM 2.0 programme. After approval of DPR work timeline will be given.<br><br>NPP Rath- STP of 6.78 MLD, I&D works (11 nos of drain to be tapped), 52.56Km Sewer Network and 2 No Cesspool Tanker are proposed under SBM 2.0 program. After approval of DPR work timeline will be given. |

(ix) **Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries):** The sewage from the household is being discharged into septic tanks, soak pits, drains and sewerage lines. These sewerage lines merge with the major drains and, major drains release the wastewater to the Yamuna and Betwa rivers.

**2.2 Drains joining Ganga and Tributary**

(i) Number of drains carrying sewage- sullage joining Ganga/ tributaries with their Quantity and Quality: There are a total of six drains present in Hamirpur, discharging the waste into Yamuna and Betwa (tributary of Ganga) rivers.

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| Pataleshwar Drain, Hamirpur | At Present, STP is proposed in the district to treat the sewage that is being generated in Hamirpur. | | | 3.1 MLD |
| Purana Yamuna Ghat Drain, Hamirpur | | | | 0.3 MLD |
| Ramedi Nala Drain, Hamirpur | | | | 2.5 MLD |
| Betwa Tat Bandh Nala, Gandhi Nagar Drain, Hamirpur | | | | 0.20 MLD |
| Purana Betwa Ghat Nala Drain, Hamirpur | | | | 1.20 MLD |
| Diggi Ramedi Drain, Hamirpur | | | | 0.23 MLD |

(ii) **Drains joining outside city and town limits but, either joining in village or nearby town:** None of the drains join outside the city and towns.

(iii) **Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs:** Six major drains are present in Hamirpur, having the total MLD capacity of ~7.53. These drains are directly discharging into Yamuna and Betwa rivers without any treatment due to the absence of STP.

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

(i) **Status of Septage management (with reference to FSTP/STP):** STPs are proposed in the Hamirpur district.

(ii) **Management of Grey water and its disposal:** STPs are proposed in the Hamirpur district.

### 2.4 Industrial Pollution Control

(i) Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise): There are no water-polluting industries present in Hamirpur district who is discharging their effluent in Yamuna and Betwa river, hence there is no discharge, and no treatment is required.

## (3) Water quality status

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

The water quality parameters are as follow:

Surface water monitoring Parameter (In mg/l except colour, pH and conductivity)

| **Pollution Parameter** | **River Yamuna** | | | **River Betwa** |
|---|---|---|---|---|
| Monitoring Date | 02.03.2024 | | 02.03.2024 | |
| Sampling Point | U/S River Yamuna at Hamirpur | D/S River Yamuna at Hamirpur | River Yamuna before confluence River Betwa at Hamirpur | River Betwa before confluence River Yamuna at Hamirpur |
| pH | 7.89 | 7.86 | 7.41 | 7.88 |
| Turbidity | 12 | 18 | 15 | 14 |
| Colour | 5 Hazen | 10 Hazen | 20 Hazen | 5 Hazen |
| Conductivity | 1862 | 1857 | 1834 | 1829 |
| SS | 32.00 | 34.00 | 38.0 | 21.00 |
| DS | 497.00 | 501.00 | 311.00 | 283.00 |
| TS | 529.00 | 535.00 | 349.00 | 304.00 |
| Hardness | 146.00 | 166.00 | 184.0 | 248.0 |
| Calcium | 84.00 | 138.00 | 98.0 | 164.0 |

| | | | | |
|---|---|---|---|---|
| Magnesium | 62.00 | 28.00 | 86.0 | 84.00 |
| Chloride | 62.00 | 65.00 | 82.0 | 38.00 |
| Alkalinity | 70.00 | 72.00 | 74.00 | 78.00 |
| BOD | 4.6 | 5.4 | 3.2 | 3.6 |
| COD | 17.28 | 18.24 | 13.52 | 11.52 |
| DO | 6.8 | 6.6 | 6.74 | 6.98 |
| Class of Water | D | D | D | D |

**(4)** **Notification of Flood Plain Zones**: For the demarcation of the Flood Plain Zone, a DPR has been prepared by the office of Executive Engineer Maudaha Bandh and has been sent for fund allocation to the higher authorities by letter no: 2401 dated 22.12.2023 for approval. After the allocation of funds, the demarcation of the Flood Plain Zone will be carried out in the Hamirpur district.

**(5)** **Issues relating to Environmental Flow**:

**a) Notification of Ecological flow**

Government of India, vide Notification dated 9th October 2018, has notified minimum environmental flows to be maintained in river Ganga from its origin to Unnao in Uttar Pradesh. The notified environmental flow regime is monitored and supervised by the Central Water Commission. With regards to the monitoring of the e-flow releases, the regional offices of MoEF & CC and the Central Pollution Control Board (CPCB) along with the State Pollution Control Boards concerned have been mandated for monitoring of all the environmental aspects of the Hydro Power Projects.

The ecological flow of river Yamuna and Betwa in Hamirpur District is maintained.

**b) Steps taken for maintaining Ecological flow/ status of compliance of the E- flow notifications**

Regular meetings of District Ganga Committee and District Environment Committee is being held to monitor the compliance of E-flow Notification. A wide range of measures for cleaning and revitalizing the Ganga has been undertaken as part of the Namami Gange Programme. These include sewage treatment (Proposed STP), industrial effluent management (No industrial water pollution from Hamirpur), ghat and river surface cleaning, riverfront development, rural sanitation, aviral dhara, afforestation, biodiversity conservation, and community involvement.

In Hamirpur district there are a total of 6 drains that discharge waste into the river Yamuna and Betwa. Presently,

there is no treatment as there is no STP present in the district. The proposal for STP has been put forward for approval.

The water level of river Betwa in Hamirpur fluctuates between 8.7mt (Pre-monsoon) to 6.9mt (Post monsoon).

The surface water quality falls in category D "Propagation of wildlife and fisheries"

**6. Best Practices**

Ganga Swachatta Pakhwada, observed annually from March 16th to 31st, plays a pivotal role in raising awareness about the importance of maintaining the cleanliness of the river and preventing the dumping of plastic and solid waste into its waters. To oversee and coordinate these efforts, District Ganga Committees have been established to provide guidance and directives to the community and stakeholders involved in the river's rejuvenation. Additionally, the daily conduct of Ganga aartis in Ganga grams and district headquarters near the Yamuna Ghat not only adds to the spiritual significance of the river but also underscores the community's commitment to its preservation. Furthermore, the promotion of organic farming among local farmers, with 10,600 hectares of agricultural land now under organic cultivation, demonstrates a sustainable approach to agriculture that reduces harmful impacts on the river. The Forest Department's annual plantation and soil conservation efforts along the riverbanks, amounting to 2700 hectares of land this year (2023-24), further contribute to the overall health and vitality of the river ecosystem. These concerted efforts underscore a multi-faceted approach to preserving the Yamuna and Betwa (major tributaries of river Ganga), highlighting the importance of community engagement, sustainable practices, and environmental stewardship.

**The information is compiled by District Ganga Committee, Hamirpur after receiving the information from all the concerned departments**

Divisional Forest Officer,
Member Convenor,
District Ganga Committee,
Hamirpur

Chief Development Officer,
Nodal Officer
District Ganga Committee,
Hamirpur

District Magistrate,
Chairman,
District Ganga Committee,
Hamirpur

33538

Scanned with CamScanner




**Picture:** Map of the major drains at Hamirpur

जल शक्ति मंत्रालय
MINISTRY OF
JAL SHAKTI

सत्यमेव जयते

# In compliance of Hon'ble NGT order

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

## District Ganga Committee Report

NAMAMI GANGE

**Submitted by**

**DISTRICT GANGA COMMITTEE, ALIGARH, UTTAR PRADESH**

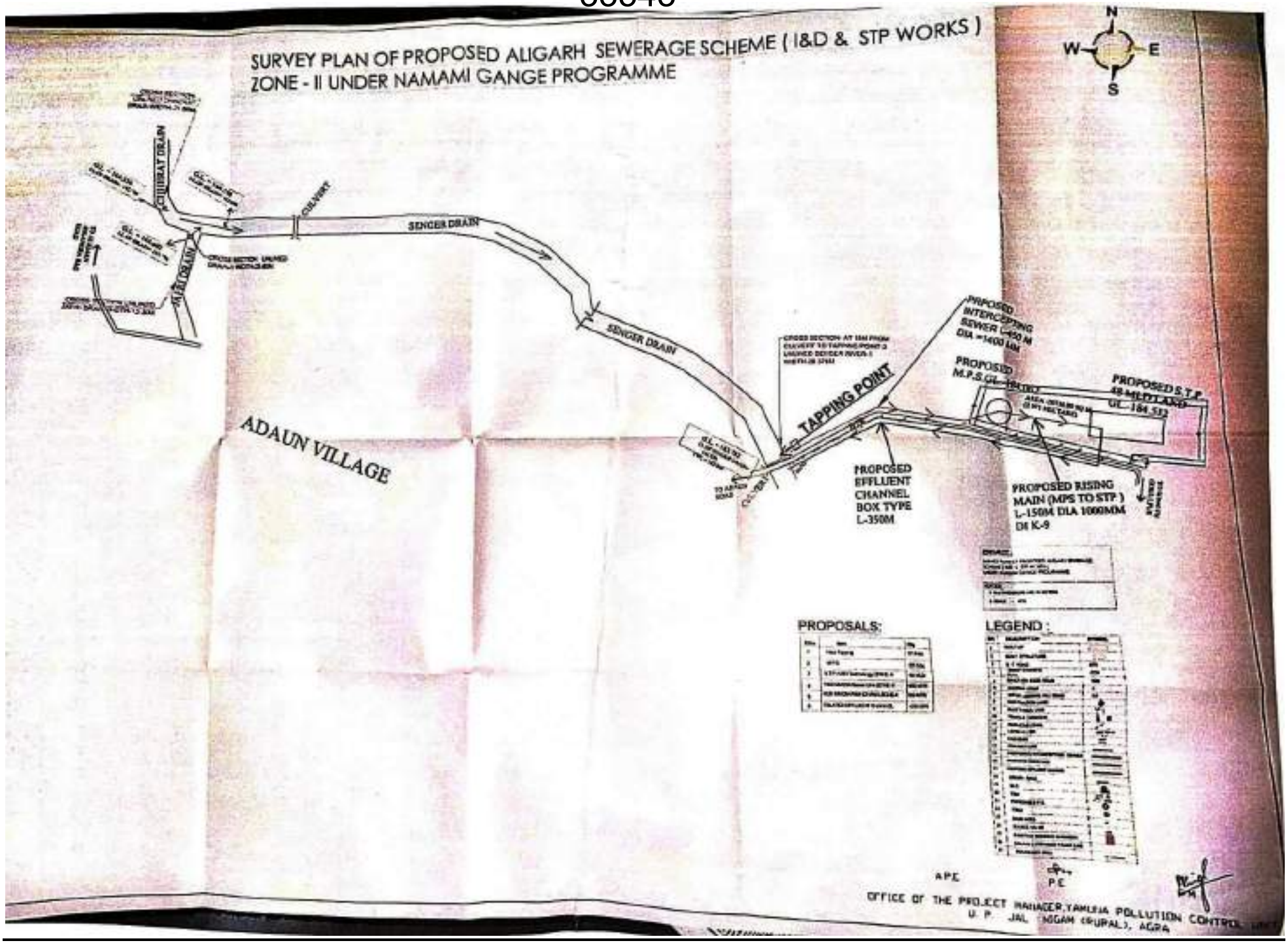
**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014)**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

District-Aligarh

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| 1. | That STPs installed, are underutilised and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs. | Presently the Treated effluent generated from STP is being disposed in Mathura Bypass Drain. According to the information given by Jal Nigam, Aligarh, the capacity of STP is 45 MLD. The treated effluent comes through sewer pipeline at the inlet of STP. At present only 11 MLD domestic effluent is being received in the inlet. The Treated effluent generated from STP is proposed to be sent through pipeline to Harduaganj Thermal Power Plant, Kasimpur, Aligarh district for use. It is proposed to start the process of laying the pipeline as soon as possible in connection with the use of purified effluent in the power generation unit. |
| 2. | The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains. | 11 MLD through Sewage Network |
| 3. | the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | 11 MLD through Sewage in 45 MLD Capacity STP<br>Geo coordinates 27.863861, 78.065456 |
| 4. | These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them. | ZLD conditions imposed in M/s 1x660 MW Harduaganj Thermal Power Project, Aligarh. |
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | At present, an STP of 45 MLD capacity is installed near A to Z Plant, Mathura Road, District-Aligarh, whose geo coordinate is 27.863861 78.065456.<br>**Inlet**<br>pH-7.69, BOD-236 mg/l, COD-465 mg/l, TSS-446 mg/l, FECAL COLIFORM-6.3X$10^5$<br>**Outlet**<br>pH-7.23, BOD-23 mg/l, COD-118 mg/l, TSS-512 mg/l |
| 6. | mention heavy metals analysis in respect of discharge from each of the drain in the report. | **Aligarh Drain:**<br>Total Chromium-1.9216 mg/l ,Copper-0.02606 mg/l, lead-0.3919 mg/l, lron-1.6180 mg/l, Zinc-2.4795 mg/l, Maganese-0.3738 mg/l, arsenic-ND, Mercury-ND<br>**Chherrat Drain:**<br>Chromium-1.9787 mg/l,Copper-1.1821 mg/l, lead-0.0356 mg/l, lron-15.6025 mg/l, Zinc-4.2540 mg/l, Maganese-0.8649 mg/l, arsenic-ND, Mercury-ND |

SURVEY PLAN OF PROPOSED ALIGARH SEWERAGE SCHEME
( I&D & STP WORKS ) ZONE - I
UNDER NAMAMI GANGE PROGRAMME
NAGAR NIGAM
S.T.P. 45 MLD
ALIGARH BYPASS ROAD
FLYOVER
ALIGARH BYPASS ROAD
L-140 METERS
CULVERT
CULVER
TO ALIGARH CITY
TO KHAIR ROAD
TO KHAIRALIYAKH ROAD
ALIGARH DRAIN
RAILWAY LINE
N
S
E
W


SURVEY PLAN OF PROPOSED ALIGARH SEWERAGE SCHEME ( I&D & STP WORKS )
ZONE - II UNDER NAMAMI GANGE PROGRAMME
N
W
E
S
CHHIBRAT DRAIN
CULVERT
SENGER DRAIN
SENGER DRAIN
ADAUN VILLAGE
TAPPING POINT
PROPOSED INTERCEPTING SEWER L-450 M DIA =1400 MM
PROPOSED M.P.S.
PROPOSED S.T.P. 48 MLD (AMD)
PROPOSED EFFLUENT CHANNEL BOX TYPE L-350M
PROPOSED RISING MAIN (MPS TO STP) L-150M DIA 1000MM DI K-9
PROPOSALS:
LEGEND :
APE
PE
OFFICE OF THE PROJECT MANAGER, YAMUNA POLLUTION CONTROL
U. P. JAL NIGAM (RURAL), AGRA

**1. Sewage**

| Drain (city/ town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aligarh Drain | 606.5 cusec | 60.81 MLD | 7.19 | 144 | 392 | 480 | 1180 | Total Chromium-1.9216 mg/l ,Copper-0.02606 mg/l, lead-0.3919 mg/l, Iron-1.6180 mg/l, Zinc-2.4795 mg/l, Maganese-0.3738 mg/l, arsenic-ND, Mercury-ND | 00 | Sample has been collected for analysis. Report is awaited. | | 60.81 MLD 27.863861 78.065456 | Blackish / Unpleasent | Yamuna River approx e-80 K.M |
| Cheerrat/Lahtoi Drain | 969.33 cusec | 39.50 MLD | 7.13 | 146 | 392 | 432 | 1260 | Chromium-1.9787 mg/l,Copper-1.1821 mg/l, lead-0.0356 mg/l, Iron-15.6025 mg/l, Zinc-4.2540 mg/l, Maganese-0.8649 mg/l, arsenic-ND, Mercury-ND | 00 | | | 39.50 MLD | Blackish / unpleasent | Yamuna River approx e-80 K.M |

The above information is to be submitted on the basis of end point sample analysis of the concerned drain

**2. STP for treating the sewage of the drains ultimately flowing to river ganga or its**

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| Mathura Road, Behind mahakal mandir, Near A2Z Plant, Aligarh- 45 MLD | 11 MLD Operational | **Inlet**<br>pH-7.69<br>BOD-236 mg/l<br>COD-465 mg/l<br>TSS-446 mg/l<br>FECAL COLIFORM-6.3X$10^5$<br>**Outlet**<br>pH-7.23<br>BOD-23 mg/l<br>COD-118 mg/l<br>TSS-512 mg/l<br>FECAL COLIFORM-223<br>**Online Monitoring System Detail:-**<br>pH-7.75<br>BOD-13 mg/l<br>COD-86.6 mg/l<br>TSS-24.5 mg/l | 01 Mathura iglas Drain, Aligarh | 34 MLD | Aligarh Drain | 65 MLD & 48 MLD (Aligarh Drain, Jafri/Chherat Drain), Iglas Road &sonoth |

**2.1 STP ADDITIONAL INFORMATION**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/ COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| Mathura Road, Drain | SBL 45 MLD Iglas Road, Pumping Station, Aligarh | 27.863861 78.065456 | 11 MLD | This drain is meet to Aligarh drain approx-3 KM in than Aligarh drain meet into karvan river &karvan River Meet to River Yamuna approx-90 km in District-Agra |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| 65 MLD & 48 MLD (Aligarh Drain, Jafri/Chherat Drain), Iglas Road &sonoth | Proposed | Proposed | Proposed | Proposed | Proposed | DPR under review by NMCG. |

### 3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries

| Number of Hotels | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| M/s Hotel Ruby, 13/7, G.T. Road, Aligarh | 31.07.2024 | Yes | Treated Effluent Discharge into Local Drain | NA |
| M/s Merrit Hotel & resturent (Melrose Inn), Hemchand, Merris Road, Aligarh | 31.07.2025 | Yes | Treated Effluent Discharge into Local Drain | NA |
| M/s Raj Prem Assosiciate Pvt Ltd. (Hotel Lemon Tree), Merris Road, Aligarh | 31.07.2028 | Yes | Treated Effluent Discharge into Local Drain | NA |
| M/s Hotel Orchid Blue (A Unit of M.M. Builders) Janakpuri, Ramghat Road, Aligarh | 31.07.2025 | Yes | Treated Effluent Discharge into Local Drain | NA |
| M/s Sudharaj Hospitality, Near Agrawal Sewa Sadan, G.T. Road, Aligarh | 31.07.2024 | Yes | Treated Effluent Discharge into Local Drain | NA |
| M/s Palm Tree Hotel & Resturent, Merris Road, Aligarh | 31.03.2024 | Yes | Treated Effluent Discharge into Local Drain | NA |
| M/s Silver Park Residency (Hotel Ramada), Village-Bhikampur, G.T. Road, Aligarh | 31.07.2027 | Yes | Treated Effluent Discharge into Local Drain | NA |
| M/s Hotel Gold Inn Leaf (A unit of M/s Arsha International), 18/207, Durgapuri, Agra Road, Aligarh | 31.07.2028 | Yes | Treated Effluent Discharge into Local Drain | NA |
| M/s U.P. 81 Suits (A Unit of Aashar Infratech), Near Banna Devi, G.T. Road, Aligarh | 31.07.2028 | Yes | Treated Effluent Discharge into Local Drain | NA |

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

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units-Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| M/s The Kisan Sehkari Chini Mill Ltd. Satha, Aligarh | 500 KLD | ETP Installed Capacity-600 KLD | pH-7.6, BOD-360 Mg/l, COD-984 Mg/l, TSS-236 Mg/l | Nil | Nil | Nil | Not Applied | Notice issued |
| M/s Zydus Wellnes Products Ltd (Old Name-Heinz India Pvt. Ltd) Anoopshahar Road, Aligarh | 630 KLD | ETP Installed Capacity-700 KLD | pH-7.3, BOD-24 Mg/l, COD-240 Mg/l, TSS-70 Mg/l | Nil | Nil | Nil | Waste Oil-3200 Ltr/Year & Oil and grease skimming residue-400 kg/Year | There wastes are disposed by TSDF |
| M/s Hind Agro Industries Ltd. Cherat, Anoopshahar Road, Aligarh | 1500 KLD | ETP Installed Capacity-1500 KLD | pH-8.5, BOD-28 Mg/l, COD-232 Mg/l, TSS-46 Mg/l | Nil | Nil | Nil | D.G. Sets used lube oil-0.6 ton/Year, Used oil Filters-12 nos/ Year | There waste are disposed by TSDF |
| M/s Al Hamd Agro Foods Pvt. Ltd. (Unit-2) Elyaspur, Aligarh | 500 KLD | ETP Installed Capacity-500 KLD | pH-7.29, BOD-23 Mg/l, COD-208 Mg/l, TSS-46 Mg/l | Nil | Nil | Nil | Used lube oil, used oil filters-4 KLD, Oily Cloths-0.05 Ton/Day | There wastes are disposed by TSDF |
| M/s Al- Hasan Agro Food Pvt. Ltd. Amarpur Kondla, Aligarh | 500 KLD | ETP Installed Capacity-500 KLD | pH-7.40, BOD-26 Mg/l, COD-242 Mg/l, TSS-46 Mg/l | Nil | Nil | Nil | Used or sepent oil-1 kl/year, Process wastes, residue and sludge-0.1 ton/ year | There wastes are disposed by TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s Al-Tabarak, Frozen Foods Pvt. Ltd. Mullapada, Bhujpura, Aligarh | 300 KLD | ETP Installed Capacity-300 KLD | pH-7.42, BOD-26.7 Mg/l, COD-224 Mg/l, TSS-46 Mg/l | Nil | Nil | Nil | Not Applied | Notice issued |
| M/s Figario Canzarva Allana Ltd. Village-Talaspur Khurd, Mathura-Bye Pass Road, Tehshil-Koil, Aligarh | 1200 KLD | ETP Installed Capacity-2000 KLD | pH-7.36, BOD-20 Mg/l, COD-118 Mg/l, TSS-90 Mg/l | Nil | Nil | Nil | Used or spent oil-4 Kl/Year, Process wastes, residue and sludge-0.4 ton/ year | There wastes are disposed by TSDF |
| M/s Figario Kanzarva Allana Ltd. (Unit-2) Village-Talaspur Khurd, Mathura-Bye Pass Road, Tehshil-Koil, Aligarh | 435 KLD | | pH-7.38, BOD-24 Mg/l, COD-246 Mg/l, TSS-42 Mg/l | Nil | Nil | Nil | Used or spent oil-6 Kl/Year, Process wastes, residue and sludge-0.1 ton/ year | There wastes are disposed by TSDF |
| M/s H.M.A. Egro Industries Ltd. Village-Talaspur Khurd, Mathura Bye Pass Road, Tehshil-Koil, Aligarh | 500 KLD | ETP Installed Capacity-500 KLD | pH-7.42, BOD-26 Mg/l, COD-246 Mg/l, TSS-46 Mg/l | Nil | Nil | Nil | Waste or residues containing oil-200 ltr/Year | There waste are disposed by TSDF |
| M/s Al-Dua Foods Pvt. Ltd. Village-Amarpur Kondla, Tehshil-Koil, Aligarh | 1200 KLD | ETP Installed Capacity-1200 KLD | pH-7.81, BOD-22 Mg/l, COD-196 Mg/l, TSS-40 Mg/l | Nil | Nil | Nil | Used or spent oil-5 Kl/year, wastes or residue containing oil-0.005 Ton/Year | There wastes are disposed by TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s Al- Ammar Frozen Foods Pvt. Ltd. (Slaughter House) Amarpur Kondla, Tehshil-Koil, Aligarh | 500 KLD | ETP Installed Capacity-500 KLD | pH-7.4, BOD-26 Mg/l, COD-246 Mg/l, TSS-42 Mg/l | Nil | Nil | Nil | Used Oil-MT/Year, Empty barrels cotton rags or other cleaning material-50 Kg/day, Empty Containers below-200 ltrs-10 kg/year, filter (air/oil), 5 nos. Ewaste-200 kg/year | There wastes are disposed by TSDF |
| M/s Faire Export India Pvt Ltd (Old Name-Al- Halal International Pvt. Ltd). Gata No. 28,72,117 & 118, Mauza- | 200 KLD | ETP Installed Capacity-1000 KLD | pH-7.38, BOD-26 Mg/l, COD-246 Mg/l, TSS-46 Mg/l | Nil | Nil | Nil | Used lube oil-200 ltr/Year | There waste are disposed by TSDF |
| M/s Juberi Fibers Pvt. Ltd. U.P.S.I.D.C. Cherat Industrial Area, Aligarh | 1100 KLD | ETP Installed Capacity-1500 KLD | pH-7.36, BOD-60 Mg/l, COD-364 Mg/l, TSS-122 Mg/l | Nil | Nil | Notice issued | Oil grease skimming-2.8 ton/ year | There waste are disposed by TSDF |
| M/s Bhole Baba Dairy Ltd. Kherashwar Dham, Khair Road, Aligarh | 655 KLD | ETP Installed Capacity-700 KLD | pH-7.3, BOD-22 Mg/l, COD-240 Mg/l, TSS-80 Mg/l | Nil | Nil | Nil | Not Applied | Notice issued |
| M/s Wave Distlery & Waveries Ltd ( Distlery), Village, Ahmadpura, Tehsil- Atrauli-Aligarh | ZLD | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s Wave Distlery & Waveries Ltd, (Breweries) Village, Ahmadpura, Tehsil- Atrauli-Aligarh | 1400 KLD | ETP Installed Capacity-1500 KLD | pH-7.40, BOD-26 Mg/l, COD-240 Mg/l, TSS-88 Mg/l | Nil | Nil | Nil | Used or Spent Oil-1.5 to 2.0 Ton/Year | There waste are disposed by TSDF |
| M/s R.M. Dairy , Iglas-Gonda Road, Iglas, Aligarh | 400 KLD | ETP Installed Capacity-500 KLD | pH-7.4, BOD-34 Mg/l, COD-268 Mg/l, TSS-72 Mg/l | Nil | Nil | Notice Issued | Used lubricant oil-0.7 Ton/Year | There waste are disposed by TSDF |
| M/s M.I. Industries (India) Pvt. Ltd. Village-Jamunka, Pargana-Chandaus, Tehshil-Gabhana, Aligarh | 1250 KLD | ETP Installed Capacity-1500 KLD | pH-7.28, BOD-34 Mg/l, COD-248 Mg/l, | Nil | Nil | Nil | ETP Sludge-1092 Ton/Year | There waste are disposed by TSDF |
| M/s Ray-Internation Tala Nagar, Industrial Area, Aligarh | 10 KLD | ETP Installed Capacity-10 KLD | pH-1.7, BOD-08 Mg/l, COD-408 Mg/l, TSS-110 Mg/l | Nil | Nil | Notice Issued | ETP Sludge-0.6 Ton/Year | There waste are disposed by TSDF |
| M/s Ambika Metal Works, B-20 Industrial Estate, Aligarh | 3 KLD | ETP Installed Capacity-5 KLD | pH-4.2, BOD-12 Mg/l, COD-396 Mg/l, TSS-110 Mg/l | Nil | Nil | Notice issued | ETP Sludge-0.2 Ton/Year | There waste are disposed by TSDF |
| M/s Prashant Enterprises, Village- Baraula Jafrabad, Tehshil- Koil, Aligarh | 8 KLD | ETP Installed Capacity-10 KLD | pH-7.28, BOD-12 Mg/l, COD-242 Mg/l, TSS-86 Mg/l | Nil | Nil | Nil | ETP Sludge-60 Kg/Year | There waste are disposed by TSDF |
| M/s Home Fit Export, A-9, Industrial Estate, Aligarh | 4 KLD | ETP Installed Capacity-6 KLD | pH-6.8, BOD-10 Mg/l, COD-248 Mg/l, TSS-80 Mg/l | Nil | Nil | Nil | Plating Metal Sludge-0.6 Ton/Year | There waste are disposed by TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s Rajeev Metal Industries, Industrial Area, Tala Nagar, Aligarh | 3 KLD | ETP Installed Capacity-3 KLD | pH-6.98, BOD-08 Mg/l, COD-270 Mg/l, TSS-110 Mg/l | Nil | Nil | Notice issued | ETP Sludge-65 Kg/Year | There waste are disposed by TSDF |
| M/s Sigma Engeeniring Works, Anoopshahar Road, Aligarh | 4 KLD | ETP Installed Capacity-5 KLD | pH-2.8, BOD-12 Mg/l, COD-464 Mg/l, TSS-118 Mg/l | Nil | Nil | Notice issued | ETP Sludge-63 Kg/ Year | There waste are disposed by TSDF |
| M/s Parfect Product, Industrial Estate, Aligarh | 8 KLD | ETP Installed Capacity-10 KLD | pH-7.08, BOD-10 Mg/l, COD-260 Mg/l, TSS-90 Mg/l | Nil | Nil | Nil | ETP Sludge-2.0 Ton/Year | There waste are disposed by TSDF |
| M/s Creative & Craft Industries India Pvt Ltd, Mauza Sarsol Bahar Chungi, Near Phal Mandi, G.T. Road, Aligarh | 2 KLD | ETP Installed Capacity-5 KLD | pH-7.0, BOD-12 Mg/l, COD-246 Mg/l, TSS-72 Mg/l | Nil | Nil | Nil | ETP Sludge-1.2 Ton/year, used lube oil-0.2 KL/Year, Oil Filter & Cloth-0.06 Ton/Year | There wastes are disposed by TSDF |
| M/s Spider Metal Product Pvt. Ltd. A-54, 57, Industrial Area, Tala Nagari, Aligarh | 7 KLD | ETP Installed Capacity-7 KLD | pH-7.3, BOD-12 Mg/l, COD-246 Mg/l, TSS-86 Mg/l | Nil | Nil | Nil | ETP Sludge-200 kg/ Year, Lube Oil-40 Ltr/ Year | There waste are disposed by TSDF |
| M/s Mascot Metal Manufectures, A-2, Industrial Estate, Aligarh | 5 KLD | ETP Installed Capacity-5 KLD | pH-6.7, BOD-10 Mg/l, COD-246 Mg/l, TSS-82 Mg/l | Nil | Nil | Nil | Dried sludge from ETP-0.36 Ton/ Year | There waste are disposed by TSDF |
| M/s Mascot Metal Manufectures Barola Jafrabad, I.T.I. Road, Aligarh | 3 KLD | ETP Installed Capacity-5 KLD | pH-7.8, BOD-10 Mg/l, COD-172 Mg/l, TSS-68 Mg/l | Nil | Nil | Nil | Dried sludge from ETP-0.2 Ton/ Year | There waste are disposed by TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s Bajaj Hardware, D-74, Industrial Estate, Aligarh | 4 KLD | ETP Installed Capacity-5 KLD | pH-7.10, BOD-12 Mg/l, COD-260 Mg/l, TSS-90 Mg/l | Nil | Nil | Notice issued | ETP Sludge-82 Kg/Year | There waste are disposed by TSDF |
| M/s Kurana Backels Pvt Ltd, C-73, Sector-1, Talanagri, Aligarh | 5 KLD | ETP Installed Capacity-10 KLD | pH-7.0, BOD-8 Mg/l, COD-260 Mg/l, TSS-88 Mg/l | Nil | Nil | Notice issued | ETP Sludge-0.3 Ton/Year | ETP Sludge is used as a manure |
| M/s Cent Metal Industries, B-12, 13, Industrial Estate, Aligarh | 4 KLD | ETP Installed Capacity-10 KLD | pH-7.18, BOD-10 Mg/l, COD-262 Mg/l, TSS-96 Mg/l | Nil | Nil | Notice issued | ETP Sludge-110 kg/Year | There waste are disposed by TSDF |
| M/s Sagar Bakkel Pvt Ltd, D-149, Sector-1, Talanagri, Aligarh | 8 KLD | ETP Installed Capacity-10 KLD | pH-6.9, BOD-10 Mg/l, COD-262 Mg/l, TSS-90 Mg/l | Nil | Nil | Notice issued | ETP Sludge-0.036 ton/Year | There waste are disposed by TSDF |
| M/s Sadani Overseas, Marthari, G.T. Road, Aligarh | 10 KLD | ETP Installed Capacity-10 KLD | pH-7.6, BOD-12 Mg/l, COD-240 Mg/l, TSS-68 Mg/l | Nil | Nil | Nil | Oil Filter-20 Pieces/Year, Used lube oil-60 Ltr/ Year, ETP Sludge-200 Kg/ Year, Empty Chemcal container-100 Pieces/ year | There wastes are disposed by TSDF |
| M/S R S Metal Products Plot No 4,5,6,7, Sharda Industrial Complex Barola Bye Pass Aligarh Aligarh | 4 KLD | ETP Installed Capacity-5 KLD | pH-6.7, BOD-12 Mg/l, COD-248 Mg/l, TSS-86 Mg/l | Nil | Nil | Nil | ETP Sludge-0.2 Ton/Year | ETP Sludge is used as a manure |
| M/s Vartax Exports, C-1241, 242, Sector-2, Industrial Area, Talanagari, Aligarh | 3 KLD | ETP Installed Capacity-5 KLD | pH-2.6, BOD-12 Mg/l, COD-360 Mg/l, TSS-120 Mg/l | Nil | Nil | Notice issued | ETP Sludge-0.05 Ton/ Year | There wasteare disposed by TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s Anil Lock, A-38, Sector-2, Industrial Area, Talanagri, Aligarh | 5 KLD | ETP Installed Capacity-6 KLD | pH-7.12, BOD-12 Mg/l, COD-242 Mg/l, TSS-72 Mg/l | Nil | Nil | Notice issued | ETP Sludge-0.5 Ton/Year | There waste are disposed by TSDF |
| M/s Castle Hardware, A-3, Indusrial Estate, Aligarh | 2 KLD | ETP Installed Capacity-5 KLD | pH-7.2, BOD-10 Mg/l, COD-148 Mg/l, TSS-40 Mg/l | Nil | Nil | Nil | ETP Sludge-0.2 Ton/Year | ETP Sludge is used as a manure |
| M/s Unique International, D-13, Sector-1, Industrial Area, Aligarh | 3 KLD | ETP Installed Capacity-5 KLD | pH-7.1, BOD-10 Mg/l, COD-266 Mg/l, TSS-86 Mg/l | Nil | Nil | Notice issued | Electroplating Waste & ETP Sludge -0.2 Ton/Year | There wastes are disposed by TSDF |
| M/s Jitendra Udhyog, C-272, 287, Sector-2, Talanagri, Indusrial Area, Aligarh | 3 KLD | ETP Installed Capacity-5 KLD | pH-7.5, BOD-12 Mg/l, COD-172 Mg/l, TSS-45 Mg/l | Nil | Nil | Nil | Used lube oil-100 Ltr/ Year, ETP Sludge-50 kg/ Year | There wastes are disposed by TSDF |
| Allen And Alvan Pvt Ltd, B-22, Sector-1, Upsidc, Talanagri, Ramghat Road, Aligarh | 4 KLD | ETP Installed Capacity-5 KLD | pH-7.2, BOD-14 Mg/l, COD-128 Mg/l, TSS-48 Mg/l | Nil | Nil | Nil | ETP Sludge-0.2 Ton/Year | ETP Sludge is used as a manure |
| Extream Exports, E-54, E-74, Sector-2, Upsidc, Talanagri, Aligarh | 3 KLD | ETP Installed Capacity-5 KLD | pH-7.0, BOD-12 Mg/l, COD-240 Mg/l, TSS-68 Mg/l | Nil | Nil | Nil | Used oil-180 ltr/year, ETP Sludge-350 Kg/year | There wastes are disposed by TSDF |
| M/s Metal Masters, A-34, Sector-2, Upsidc, Ind. Area, Tala Nagri, Aligarh,Aligarh, | 8 KLD | ETP Installed Capacity-10 KLD | pH-7.40, BOD-10 Mg/l, COD-246 Mg/l, TSS-70 Mg/l | Nil | Nil | Nil | ETP Sludge-123 Kg/Year | There waste are disposed by TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s Royal Chemical, Vill. Utasani. Cole, Distt. Aligarh,Aligarh, | 3 KLD | ETP Installed Capacity-3 KLD | pH-7.06, BOD-10 Mg/l, COD-340 Mg/l, TSS-628 Mg/l | Nil | Nil | Notice Issued | ETP Sludge-0.4 Ton/Year | ETP Sludge is used as a manure |
| M/S Shri Krishna Enterprises, Vill. Bhavain, Tahsil Koil, Distt. Aligarh | 5 KLD | ETP Installed Capacity-20 KLD | pH-2.1, BOD-10 Mg/l, COD-560 Mg/l, TSS-136 Mg/l | Nil | Nil | Notice issued | Empty chemical can-20kg/month, oil containing filter-10 nos/Month, Broketn tube light-20 kg/ month, oil soaked cloth-50 kg/ month, ETP Sludge-1 MT/ Month, D.G. set used oil-16 ltr/ month | There waste are disposed by TSDF |
| R B Enterprises, 9th. Km. Aligarh Delhi Road, Vill. Bhankri Khas, Near Pavna Zadi Factory, G.T.Road, Aligarh | 10 KLD | ETP Installed Capacity-10 KLD | pH-7.0, BOD-10 Mg/l, COD-268 Mg/l, TSS-96 Mg/l | Nil | Nil | Notice issued | ETP Sludge-0.4 Ton/ Year | There waste are disposed by TSDF |
| M/S S.D. Overseas, Plot No. 78-79, Sharda Industrial Complex, Barula Bye Pass Road, Aligarh | 3 KLD | ETP Installed Capacity-3 KLD | pH-6.6, BOD-10 Mg/l, COD-248 Mg/l, TSS-92 Mg/l | Nil | Nil | Notice issued | ETP Sludge-0.2 Ton/ Year | ETP Sludge is used as a manure |
| Aura Industries Mehrawal, G.T. Road, Aligarh,Aligarh, Aligarh | 8 KLD | ETP Installed Capacity-10 KLD | pH-7.46, BOD-18.4 Mg/l, COD-130 Mg/l, TSS-63.8 Mg/l | Nil | Nil | Nil | ETP Sludge-0.6 Ton/ Year | ETP Sludge is used as a manure |
| M/s Prachi Enterprises, Village-Sikarna, Koil, Aligarh | 2 KLD | ETP Installed Capacity-5 KLD | pH-3.2, BOD-18 Mg/l, COD-496 Mg/l, TSS-148 Mg/l | Nil | Nil | Notice issued | ETP Sludge-0.3 Ton/ Year | ETP Sludge is used as a manure |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s Maa Vaishno Saltpeter, Sadhu Ashram, Koil, Aligarh | 5 KLD | ETP Installed Capacity-5 KLD | pH-7.24, BOD-45.2 Mg/l, COD-225 Mg/l, TSS-164.2 Mg/l | Nil | Nil | Notice issued | ETP Sludge-0.4 Ton/ Year | ETP Sludge is used as a manure |
| M/s Shri Krishna Enterprises, Bhaben, koil, Aligarh | 5 KLD | ETP Installed Capacity-7 KLD | pH-2.1, BOD-10 Mg/l, COD-560 Mg/l, TSS-136 Mg/l | Nil | Nil | Notice issued | Emply Chemical can-1 Mt/Year, Oil containing Filter-20 kg/month, broken tubelight-10 nos/month, oil soaked cloth-20 kg/month, ETP Sludge-1 MT/Month, Used Oil-16 Ltr/month | There wastes are disposed by TSDF |
| M/s Vidhi Export 106, Mandir Ka Nagla, Agra Road, Aliarh | 2 KLD | ETP Installed Capacity-10 KLD | pH-7.9, BOD-20 Mg/l, COD-78 Mg/l, TSS-34 Mg/l | Nil | Nil | Nil | Plating metal sludge-0.022 ton/year, waste and residues-0.101 ton/year | There wastes are disposed by TSDF |

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

| Area- cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge GeoCode/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| Aligarh | NA | 56 | 60 | NA | - | NA |

**6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones**

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | Proposed project | Timeline |
|---|---|---|---|
| Atrauli , Aligarh | 7000 | Social Forestry Scheme | 2023-24 |

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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| NA | 0 | 168 | Penalty has been imposed for violation | 0 | NA |

1. The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55)- **District Level ganga samiti constitute by District magistrate on dated 06.10.2021. month basis review meeting is organize under chairmanship district magistrate.**

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**2.1 Sewage Management**

(i) Sewage generation (for entire District and individual town wise):**100.31 MLD**

(ii) Existing Sewage Treatment Capacities :**45 MLD**

(iii) Quantity of sewage is being treated (utilization capacity) :**100.31 MLD.**

(iv) Performance of STPs particularly for FC :**sample has been collected, report is awaited**

(v) Where treated sewage is being discharged (to Ganga or tributaries) :approxe-**100 km goes to Yamuna River**

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

(vii) Current Gap in sewage treatment :**113 MLD**

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

(ix) Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries):**55.31 MLD**

**2.2 Drains joining Ganga and Tributary**

**(i)** Number of drains carrying sewage- sullage or industrial waste water joining Ganga/ tributaries with their Quantity and Quality: - **01 Iglas-Mathura Road, Drain.**

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

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

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

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

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

**2.4 Industrial Pollution Control**

(i) Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise):**there is no any CETPs installed in District Aligarh. Water Polluting Industries is installed individual ETP.**

**(3) Water quality status**

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

| S.no | Date | Sample collection Point | Coluor (hazen) | smal | pH | DO (mg/l) | BOD (mg/l) | COD (mg/l) | DS( mg/l ) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 01.01.2024 | U/S Kali River, Aligarh | 30 | Odourless | 7.36 | 2.1 | 36 | 104 | 790 |
| 2 | 01.01.2024 | D/S Kali River, Aligarh | 30 | Odourless | 7.38 | 2.4 | 34 | 102 | 784 |
| 3 | 08.01.2024 | U/S Kali River, Aligarh | 30 | Odourless | 7.36 | 1.7 | 40 | 122 | 912 |
| 4 | 08.01.2024 | D/S Kali River, Aligarh | 30 | Odourless | 7.38 | 1.8 | 38 | 118 | 838 |
| 5 | 15.01.2024 | U/S Kali River, Aligarh | 30 | Odourless | 7.34 | 1.8 | 40 | 124 | 912 |
| 6 | 15.01.2024 | D/S Kali River, Aligarh | 30 | Odourless | 7.36 | 2.0 | 38 | 116 | 842 |
| 7 | 22.01.2024 | U/S Kali River, Aligarh | 30 | Odourless | 7.32 | 2.1 | 36 | 112 | 882 |
| 8 | 22.01.2024 | D/S Kali River, Aligarh | 30 | Odourless | 7.34 | 2.2 | 36 | 116 | 898 |
| 9 | 29.01.2024 | U/S Kali River, Aligarh | 30 | Odourless | 7.36 | 2.0 | 36 | 108 | 904 |
| 10 | 29.01.2024 | D/S Kali River, Aligarh | 30 | Odourless | 7.38 | 2.2 | 34 | 104 | 790 |

**(4)** Notification of **Flood Plain Zones**:

**(5)** Issues relating to **Environmental Flow**:

2. Therefore, for each of the district/city/town under consideration, the desired information be submitted in the above format.

**Best Practices:**

1. Online Continuous Effluent Quality Monitoring Stations are operated for continuous monitoring of the quality of effluent in milk processing units and textile units, Slaughter house, Braverage Unit which are connected to the Central Pollution Control Board and Uttar Pradesh Pollution Control Board.
2. Treated effluent from Slaughter House units is used for irrigation on develop karnal technology.
3. Inspections of water polluting industries are done at regular intervals by the Regional Office, Uttar Pradesh Pollution Control Board, Aligarh.
4. Water samples of Aligarh Drain, chherrat drain, Jafri drain, Kali River under District aligarh are collected weekly. The collected samples are tested in the laboratory of the Regional Office, Aligarh.
5. Action is taken against the units found defaulter as per rules.
6. At village level, grey water management entails construction of drainage system funded by finance commission directing water into ponds with filter chamber and installing soak pits in areas lacking drainage infrastructure.
7. Each year district achieves its plantation targets with the collaborative efforts of the district departments resulting in a very satisfactory survival percentage of the same.
8. Inspection of Red category water polluting industry carried by CPCB on third party basis.
9. To maintain the water quality of rivers/drains located in Aligarh district and for their development and maintenance, District Level Ganga Committee has been constituted under the chairmanship of District Magistrate, Aligarh. The meeting of the said committee is being held every month.

# मा0 राष्ट्रीय हरितअधिकरण,नई दिल्ली द्वारा

**Original Application No. 200/2014(C.W.P.No. 3727/1985) (I.A No. 340/2022) M.C Mehta Versus Union Of India &Ors.**

में पारित आदेश दिनांक 28.02.2024 के अनुपालन के सम्बन्ध में सूचनाएं

# जिला गंगा समिति,बरेली

**MC MEHTA vs. UNION OF INDIA (OA. NO. 200 OF 2014)**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| 1. | That STPs installed, are underutilised and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs. | The STP installed in Saray Talfi, Bareilly (Capacity 35 MLD) is running at 22 MLD capacity (Base year 2023 capacity – 26 MLD). The treated effluents are discharged in Qila river through pipe. Other 3 STP (42 MLD, 20 MLD & 1 MLD) are under construction which completion date is August, 2024. |
| 2. | The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains. | At 35 MLD STP sewage entered through sewer network and at other 3 STP sewage will entered through interception & diversion of drains. |
| 3. | the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | 1. 35 MLD STP Saray Talif – 22 MLD<br>2. 42 MLD STP Haru Nagla – Under construction<br>3. 20 MLD STP Bari Nagla – Under construction<br>4. 1 MLD STP Girdharipur – Under construction |
| 4. | These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them. | there are 13 gpi industries in Bareilly out of which 5 numbers sugar, 2 numbers slaughter house, 3 numbers are distillery, 1 number paper, 1 number camphor and 1 number is edible oil industry. sugar and distillery are zero liquid discharge (ZLD), Slaughter House and Other industries are recycling all Treated Effluent in process and Horticulture. |

| | | |
|---|---|---|
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | Geo-Coordinates of drain and STP Location is already shared on page no.02 to 06.<br>Electronic Flow meter are installed for measure of discharge through STP into drain.<br>Contact – P.K. Verma (Mob No. 9473942257) |
| 6. | mention heavy metals analysis in respect of discharge from each of the drain in the report. | Heavy metal of 13 Drain and Deoraniy , Nakatiya, Chaubari drain on page no 2-5. |

1. **Sewage:Theaboveinformationistobesubmittedonthebasisofendpointsampleanalysisoftheconcerneddrain.**

| S.N. | Drain (city/ town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Deoraniya | 128.0 | 102.28 | 7.2 | 32.0 | 240.0 | 84.0 | 553.0 | Cr-0.2522<br>Cu-0.0382<br>Pb-ND<br>Fe-0.5751<br>Zn-0.0812<br>Mn-0.2757<br>Ar-ND<br>Hg-ND | ND | 0.0 | 7900000 | 6300000 | 28.346178, 79.370461 | Light Blackish | Ramganga River |
| 2. | Nakatiya | 30.0 | 24.13 | 7.4 | 40.0 | 280.0 | 96.0 | 596.0 | Cr-0.1565<br>Cu-0.0187<br>Pb-0.0769<br>Fe-0.629<br>Zn-0.1576<br>Mn-0.3040<br>Ar-ND<br>Hg-ND | ND | 0.0 | 8400000 | 7900000 | 28.359454, 79.469518 | Light Blackish | Ramganga River |
| 3. | Chaubari | 63.0 | 50.47 | 7.3 | 24.0 | 200 | 87.0 | 762.0 | Cr-0.5393<br>Cu-0.0382<br>Pb-0.2308<br>Fe-2.5742<br>Zn-0.5080<br>Mn-0.3040<br>Ar-0.003<br>Hg-ND | ND | 0.0 | 1200000 | 1100000 | 28.286925, 79.405402 | Light Blackish | Ramganga River |

**Details of Drains Joining River Deoraniya, River Nakatiya and Chaubari Drain**

| S.N. | Drain (city/ town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Dhurrera Maffi barrier Drain | 0.27 | 0.21 | 7.5 | 22.0 | 144.0 | 89.0 | 634.0 | Cr-0.2522 Cu-0.0480 Pb-0.769 Fe-3.8529 Zn-0.2150 Mn-0.3466 Ar-0.003 Hg-ND | 0.00 | **79000** | 63000 | 28.401041, 79.467934 | Light Blackish/ Sewage Like | Nakatiya River |
| 2. | 100 foota road Nala | 11.83 | 9.46 | 8.1 | 22.0 | 160.0 | 87.0 | 598.0 | Cu-0.0382 Pb-0.1538 Fe-12.0653 Zn-0.2850 Mg-0.4366 Ar-0.016 Hg-ND | 0.00 | 84000- | 79000 | 28.386976, 79.454192 | Light Blackish/ Sewage Like | Nakatiya River |
| 3. | Jagatpur police chauki to nakatiya river | 26.26 | 21.01 | 8.0 | 28.0- | 176.0 | 97.0 | 674.0 | Cr-0.1565 Cu-0.0187 Pb-0.1538 Fe-0.6291 Zn-0.0844 Mn-0.2119 Ar-ND Hg-ND | 0.00 | 63000 | 48000 | 28.363063, 79.446598 | Light Blackish/ Sewage Like | Nakatiya River |
| 4. | Biharipur Drain | 0.06 | 0.05 | 7.4 | 28 | 160 | 88.0 | 744.0 | Cr-0.1565 Cu-0.0285 Pb-0.2308 Fe-1.7277 Zn-0.3869 Mn-0.4424 Ar-0.002 Hg-ND | 0.00 | 94000 | 84000 | 28.361644, 79.398725 | Light Blackish/ Sewage Like | Chaubari Drain |
| 5. | GP Tola Drain | 20.04 | 16.03 | 8.0 | 22 | 144 | 84.0 | 778.0 | Cr-0.2044 Cu-0.0382 Pb-0.0769 Fe-4.1590 Zn-0.2691 Mn-0.4103 Ar-0.005 Hg-ND | 0.00 | 63000 | 48000 | 28.369781, 79.403018 | Light Blackish/ Sewage Like | Chaubari Drain |
| 6. | Shahu Gopinath Drain | 13.59 | 10.87 | 7.4 | 26 | 192 | 86.0 | 685.0 | Cr-0.2522 Cu-0.0480 Pb-0.0769 | 0.00 | 70000 | 63000 | 28.370011, 79.402850 | Light Blackish/ | Chaubari Drain |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Fe-0.7012<br>Zn-0.1035<br>Mn-0.2970<br>Ar-ND<br>Hg-ND - | | | | | Sewage Like | |
| 7. | Qila Bridge Drain | 1.78 | 1.43 | 7.8 | 28.0 | 192.0 | 96.0 | 784.0 | Cr-0.2044<br>Cu-0.0285<br>Pb-ND<br>Fe-1.1874<br>Zn-0.0653<br>Mn-0.3466<br>Ar-0.002<br>Hg-ND | 0.00 | 84000 | 79000 | 28.370847, 79.398549 | Light Blackish/ Sewage Like | Nakatiya River |
| 8. | Krishna Hospital 1&2 Drain | 14.69 | 11.75 | 7.8 | 26.0 | 176.0 | 87.0 | 689.0 | Cr-0.1565<br>Cu-0.0285<br>Pb-0.0769<br>Fe-2.7903<br>Zn-0.2723<br>Mn-0.7434<br>Ar-0.004<br>Hg-ND | 0.00 | 79000 | 63000 | 28.369728, 79.405601 | Light Blackish/ Sewage Like | Deoraniya River |
| 9. | Chauki Asraf Khan & Gulab Nagar Drain | 20.7 | 16.56 | 7.4 | 28.0 | 192.0 | 84.0 | 742.0 | Cr-0.4915<br>Cu-0.0578<br>Pb-2308<br>Fe-1.3855<br>Zn-0.4793<br>Mn-0.3678<br>Ar-0.002<br>Hg-ND | 0.00 | 84000 | 79000 | 28.239424, 79.414558 | Light Blackish/ Sewage Like | Deoraniya River |
| 10. | Haru nagla& Green Park Nala-02 | 0.74 | 0.59 | 8.2 | 22.0 | 144.0 | 96.0 | 738.0 | Cr-0.1565<br>Cu-0.0187<br>Pb-0.0769<br>Fe-2.9704<br>Zn-0.2946<br>Mn-0.4103<br>Ar-0.006<br>Hg-ND | 0.00 | 92000 | 84000 | 28.361309, 79.455817 | Light Blackish/ Sewage Like | Nakatiya River |
| 11. | Satellite Bus stand Drain | 11.99 | 9.59 | 7.8 | 6.0- | 192.0 | 94.0 | 698.0 | Cr-0.3001<br>Cu-0.0480<br>Pb-ND<br>Fe-0.5211<br>Zn-0.1927<br>Mn-0.2828<br>Ar-ND<br>Hg-ND | 0.00 | 94000 | 84000 | 28.349041, 79.441158 | Light Blackish/ Sewage Like | Nakatiya River |
| 12. | Chaubari Drain | 23.52 | 18.82 | 7.8 | 24.0 | 176.0 | 96.0 | 784.0 | Cr-0.2044<br>Cu-0.0285<br>Pb-ND<br>Fe-2.8623<br>Zn-0.1768<br>Mn-0.4103 | 0.00 | 920000 | 840000 | 28.3340633, 79.4047369 | Light Blackish/ Sewage Like | Chaubari Drain |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Ar-0.003<br>Hg-ND - | | | | | | |
| 13. | Airforce Nala | 1.08 | 0.87 | 7.8 | 28.0 | 192.0 | 78.0 | 688.0 | Cr-0.2044<br>Cu-0.0382<br>Pb-0.1538<br>Fe-0.7912<br>Zn-0.0557<br>Mn-0.3324<br>Ar-0.ND<br>Hg-ND | 0.00 | 63000 | 48000 | 28.416409, 79.428054 | Light Blackish/ Sewage Like | Devranya River |

**NOTE-**

1. **Treatment of Total Coliform and Fecal Coliform will be done through STP, for this purpose Ultra Violet Line is installed in STP. After treatment Total Coliform and Fecal Coliform will be within standard.**
2. **All The 13 Drain Joins with Deoraniya River/Nakatiya River/ Chaubari Drain and Treatment of Total Coliform and Fecal Coliform will be done through STP, for this purpose Ultra Violet Line is either installed or Proposed for installation in STP. After treatment Total Coliform and Fecal Coliform will be within standard**
3. **Nitrate analysis facility is not available**

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

| **Existing STP (location & capacity)** | **Capacity (operational) MLD** | **Inlet/ Outlet water quality & quantity** | **Number of tapped drains (quantity of discharge)** | **GAP (in treatment) MLD** | **Final discharge point** | **Proposed/ under construction STP With completion date** |
|---|---|---|---|---|---|---|
| Sarai talfi | 35 | pH-7.9,<br>SS-6.4.0<br>BOD-08.0<br>COD-20.0<br>TC-170<br>FC-84<br>DOS-07/02/2024 | 13 TAPPED | 32 | Ramganga River | STP in Operation |
| Trishul airbase at tatarpur village **( Lat-28.4192, Long.-79.4168)** | 01 | under construction STP | Not Tapped | | Devraniya River→Ramganga River | under construction STP |
| Harunnagla( **Lat-28.359155 Long-79.468955)** | 42 | under construction STP | Not Tapped | | Nakatiya River → Ramganga River | under construction STP |
| Chaubari( **Lat-28.2867 Long.-79.4050)** | 20 | under construction STP | Not Tapped | | Chaubari→ Ramganga River | under construction STP |

**2.1 STP ADDITIONAL INFORMATION**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| DEORANIYA | 1. Sarai talfi- 35 MLD<br>2. Trishul airbase at TatarpurVillage- 01 MLD | 28.356111, 79.391666<br>28.419217, 79.416864 | 21 MLD | 36 MLD(35 MLD +01 MLD) |
| NAKATIYA | Haru Nagla -42 MLD | 28.359454, 79.469518 | Under Construction | 42 MLD |
| CHAUBARI | Chaubari- 20 MLD | 28.286925, 79.405402 | Under Construction | 20 MLD |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| THEREISNOANOTHERSTPISPROPOSEDINDISTRICTBareilly | | | | | | |

## 3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| **54** | **54 CTO** | **STP INSTALLED IN 24 HOTELS REMAINING 30 HOTELS INSTALLED WITH OIL & Grease trap and Discharge into Nagar Nigam Sever Line** | **Nagar Nigam Drain** | **Not Required** |
| | | | | |

### List of Hotels/ ashrams/ dharamshalas

| S.N. | Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|---|
| 1. | ARIF HOTEL NAVADA SHEKHAN PILIBHIT BYEPASS ROAD BAREILLY UTTAR PRADESH | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 2. | ARYANDEEP INFRACITY PRIVATE LIMITED | CTO | Installed | Nagar Nigam Drain | Not Required |
| 3. | ASHANI HOTELS LLP | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 4. | AVADH HOTEL & BANQUETS (A UNIT OF MANISH PROMOTERS PRIVATE LIMITED) | CTO | | Nagar Nigam Drain | Not Required |
| 5. | BAREILLY HOTEL | CTO | | Nagar Nigam Drain | Not Required |
| 6. | BAREILLY LODGE AND DORMITORY | CTO | | Nagar Nigam Drain | Not Required |
| 7. | CIVIL & MILITARY HOTEL | CTO | | Nagar Nigam Drain | Not Required |
| 8. | EAST LITE HOTEL | CTO | | Nagar Nigam Drain | Not Required |
| 9. | HOTEL | Consent To Establish | | Nagar Nigam Drain | Not Required |
| 10. | HOTEL ARAHAN | CTO | | Nagar Nigam Drain | Not Required |
| 11. | HOTEL C.L. HERITAGE | CTO | | Nagar Nigam Drain | Not Required |
| 12. | HOTEL CARLTON | CTO | | Nagar Nigam Drain | Not Required |
| 13. | HOTEL COMFORT INN B.L. (A UNIT OF B.L. HOTELS & HOSPITALITY) | CTO | Installed | Nagar Nigam Drain | Not Required |
| 14. | HOTEL FAMILY CHOICE | CTO | | Nagar Nigam Drain | Not Required |
| 15. | HOTEL GALAXY INN | CTO | | Nagar Nigam Drain | Not Required |
| 16. | HOTEL MANSAROVER | CTO | | Nagar Nigam Drain | Not Required |
| 17. | HOTEL MOTI MAHAL | CTO | | Nagar Nigam Drain | Not Required |
| 18. | HOTEL NEELAM | CTO | Installed | Nagar Nigam Drain | Not Required |
| 19. | HOTEL PANCHAM CONTINENTAL | CTO | Installed | Nagar Nigam Drain | Not Required |
| 20. | HOTEL PLAZA | CTO | | Nagar Nigam Drain | Not Required |
| 21. | HOTEL RAJMAHAL | CTO | | Nagar Nigam Drain | Not Required |
| 22. | HOTEL REGENCY INN | CTO | | Nagar Nigam Drain | Not Required |
| 23. | HOTEL ROYAL CLASSIC | CTO | | Nagar Nigam Drain | Not Required |
| 24. | HOTEL SAPPHIRE | CTO | | Nagar Nigam Drain | Not Required |

| | | | | | |
|---|---|---|---|---|---|
| 25. | HOTEL SHREE RAJ KAMAL | CTO | | Nagar Nigam Drain | Not Required |
| 26. | HOTEL SHRI BHASKAR | CTO | Installed | Nagar Nigam Drain | Not Required |
| 27. | HOTEL SITA KIRAN | CTO | | Nagar Nigam Drain | Not Required |
| 28. | HOTEL SWARN TOWERS | CTO | Installed | Nagar Nigam Drain | Not Required |
| 29. | HOTEL THE MANOR BAREILLY (A UNIT OF R.R. ENTERPRISES) | CTO | | Nagar Nigam Drain | Not Required |
| 30. | HOTEL UBEROI ANAND | CTO | | Nagar Nigam Drain | Not Required |
| 31. | HOTEL YATRIK ENTERPRISES | CTO | | Nagar Nigam Drain | Not Required |
| 32. | JASORIA HOTEL A UNIT OF M/S JASORIA BROTHERS | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 33. | JUHI SONS (EXPANSION OF 38 ROOM) | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 34. | K.M.C. TOWER | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 35. | KING'S HERITAGE & BANQUETS PRIVATE LIMITED | CTO | Installed | Nagar Nigam Drain | Not Required |
| 36. | KRISHNA RESIDENCY | CTO | | Nagar Nigam Drain | Not Required |
| 37. | LE PARC HOTELS AND BANQUETS | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 38. | MORNI FODDS LLP | CTO | Installed | Nagar Nigam Drain | Not Required |
| 39. | NAVEEN GUEST HOUSE | CTO | | Nagar Nigam Drain | Not Required |
| 40. | NEW R.K. GUEST HOUSE | CTO | | Nagar Nigam Drain | Not Required |
| 41. | NIRMAL GARDEN (Hotel & Banquet Hall) | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 42. | Nirmal Resorts Banquet Hall | CTO | Installed | Nagar Nigam Drain | Not Required |
| 43. | PARAS HOTEL | CTO | | Nagar Nigam Drain | Not Required |
| 44. | RMS HOTELS & RESORTS INDIA PRIVATE LIMITED | CTO | Installed | Nagar Nigam Drain | Not Required |
| 45. | SAI GUEST HOUSE | CTO | Installed | Nagar Nigam Drain | Not Required |
| 46. | SHEKHAR SAXENA (HOTEL) | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 47. | SHREE SHYAM RESORT | Consent To Establish | | Nagar Nigam Drain | Not Required |
| 48. | SUDHA KUMARI GUPTA | CTO | Installed | Nagar Nigam Drain | Not Required |
| 49. | THE CITY SIDE HOTEL | CTO | | Nagar Nigam Drain | Not Required |
| 50. | THE EMERALD ORCHID | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 51. | THE GRAND NIRVANA HOTEL AND RESORT (A UNIT OF CHHABRA ASSOCIATES) | CTO | Installed | Nagar Nigam Drain | Not Required |
| 52. | TIROSE HOTEL | CTO | | Nagar Nigam Drain | Not Required |
| 53. | VINAYAK HOTEL AND RESORT | Consent To Establish | Installed | Nagar Nigam Drain | Not Required |
| 54. | JM Vistara | CTO | Installed | Nagar Nigam Drain | Not Required |

## 4. Industrial Effluent discharge by industries whose effluent is ultimately flowing to river Ganga or its tributaries

| **Total number of Industries** | **Daily effluent discharge (KLD)** | **Treatment available (cetp/ petp/ etp operational capacity)** | **Effluent quality analysis (outlet of treatment plants Geo code sampling point)** | **GAP** | **Proposed/ under construction treatment project (with timeline)** | **Number of defaulting units- Action taken** | **Industrial solid waste generated/ day** | **Manner of disposal (Industrial solid waste)** |
|---|---|---|---|---|---|---|---|---|
| 13 (Identified as water Polluting industries | 195.50 | ETP Operational | Achieving Standards | No Gap | No **Proposed/ under construction** | **defaulting units** | ***Ash-***140.728 MT, **Press Mud -**780 MT | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer, **Press Mud -**Used as Manure |

## DetailsofGPICategoriesIndustries,Bareilly

| S.N. | Name of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Rehbar foods Pvt. Ltd., Mohanpur, Shahjahanpur Road, Bareilly | 27.70 | ETP operational | pH-7.2,<br>O&G-3.8,<br>SS-22.0<br>DS-1468.0<br>BOD-24.0<br>COD-192.0<br>DOS-15/02/2024 | No GAP | Installed | zero | Ash- 0.2 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 2. | Nagar Nigam Slaughter Houe, MohanpurThiriya, Bareilly | 8.10 | ETP operational | pH-7.3,<br>SS-24.0<br>DS-1548.0<br>BOD-22.0<br>COD-200.0<br>DOS-15/02/2024 | No GAP | Installed | zero | Ash- 0.2 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 3. | Oriental Aomatics Ltd. C.B.ganj, Bareilly | 9.60 | ETP operational | pH-7.2,<br>O&G-3.8,<br>SS-20.0<br>DS-1528.0<br>BOD-22.0<br>COD-184.0<br>DOS-12/02/2024 | No GAP | Installed | zero | Ash- 1.0 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4. | Superior Industries Ltd. (Distillery) C.B. Gang, Bareilly. | 0.00 | ETP operational | ZLD | No GAP | Installed | zero | Ash- 15.68 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 5. | B.L. Agro Oils Ltd. Jauharpur, C.B.Ganj, Bareilly | 17.40 | ETP operational | pH-7.9,<br>O&G-4.8,<br>SS-22.0<br>DS-1580.0<br>BOD-22.0<br>COD-176.0<br>DOS-12/02/2024 | No GAP | Installed | zero | Ash- 3.36 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 6. | Rama Shyama Paper Ltd., Faridpur, Bareilly | 0.00 | ETP operational | pH-7.2,<br>O&G-2.4,<br>SS-26.0<br>DS-1548.0<br>BOD-24.0<br>COD-128.0<br>DOS-15/02/2024 | No GAP | Installed | zero | ASH -0.198 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 7. | Dwarikesh Sugar Industries Ltd. (Distillery Division), Faridpur, Bareilly | 0.00 | ETP operational | ZLD | No GAP | Installed | zero | Ash- 1.8 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 8. | Dwarikesh Sugar Industries Ltd. Faridpur, Bareilly | 47.0 | ETP operational | pH-7.4,<br>O&G-4.8,<br>SS-23.0<br>DS-1640.0<br>BOD-24.0<br>COD-200.0<br>DOS-26/02/2024 | No GAP | Installed | zero | Ash- 29.30 MTD,<br>Press Mud-225 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer<br>**Press Mud -**Used as Manure |
| 9. | Kisan Sahkari Chini Mills Ltd. Semikhera, Bareilly | 18.5 | ETP operational | pH-7.6,<br>O&G-3.2,<br>SS-20.0<br>DS-1425.0<br>BOD-19.0<br>COD-147.0<br>DOS-05/02/2024 | No GAP | Installed | zero | Ash-12.09 MTD,<br>Press Mud-75 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer<br>**Press Mud -**Used as Manure |
| 10. | Kesar Enterprises Ltd. (Distillery Unit), Baheri, Bareilly | 0.00 | ETP operational | ZLD | No GAP | Installed | zero | Ash- 4.43 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 11. | Kesar Enterprises Ltd. (Sugar Unit), Baheri, Bareilly | 40.7 | ETP operational | pH-7.1,<br>O&G-4.0,<br>SS-26.0<br>DS-1610.0<br>BOD-18.0<br>COD-168.0<br>DOS-28/02/2024 | No GAP | Installed | zero | Ash- 34.02,<br>Press Mud-195 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer<br>**Press Mud -**Used as Manure |
| 12. | Dhampur Bio-Organics Ltd., (Sugar Division), Meerganj, Bareilly | 42.8 | ETP operational | pH-7.6,<br>SS-22.0<br>DS-1420.0<br>BOD-24.0<br>COD-184.0 | No GAP | Installed | zero | Ash- 23.33 MTD.<br>Press Mud-150 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer,<br>**Press Mud -**Used as Manure |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | DOS-07/02/2024 | | | | | |
| 13. | Oswal Overseas Ltd. (Sugar Unit) Nawabganj, Bareilly | 11.40 | ETP operational | pH-7.3,<br>O&G-3.5,<br>SS-20.0<br>DS-1640.0<br>BOD-26.0<br>COD-176.0<br>DOS-13/02/2024 | No GAP | Installed | zero | Ash-15.12 MTD,<br>Press Mud-135 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer,<br>**Press Mud -**Used as Manure |
| 14. | **Total** | **195.50** | **ETP operational** | | No GAP | **Installed** | **zero** | **Ash-140.728 MTD**<br>**Press Mud -780 MTD** | |

## 5. Regulation of Flood Plain Zone:

| Area- cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge GeoCode/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| रामगंगानदीकेलिएNo Development Zoneतथाहै।<br>अधिशासीअभियन्ता, बाढ़खण्ड, मुरादाबादद्वाराकियाजारहाहै।<br>कार्यकीवस्तुस्थितिसेअवगतकरानेहेतुअधिशासीअभियन्ता, बाढ़खण्ड, मुरादाबादकोपत्रभीलिखाजाचुकाहै। सुलभसंदर्भहेतुछायाप्रतिसंलग्नहै। | | | | | | |

## 6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | Proposed project | Timeline |
|---|---|---|---|
| Bareilly | बहरोली से गोरापुलतकमार्ग–4800<br>N-28º28'21.13" E-79º12'18.75" | 8000 plants | September 2024 |
| | खल्लपुरवन खण्ड–1–16000<br>N-28º08'56.86"E-79º27'30.40" | | |
| | खल्लपुरवन खण्ड–2–16000<br>N-28º09'02.40"E-79º27'08.62" | | |
| | **Total Plants- 36800 Plants have been planted in the year 2023-24** | | |

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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| 0 | 01 | 530 | Penalityimaposed and Rs.2,05,04,135/- | 0 | As per EMGSM 2020 and Sustainable sand mining management guidelines 2016 Enforcement is carried out. |

1. The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

- The District Ganga Plan for Bareilly (UP) has been developed as a Model District GangaPlan in a joint effort with the members of the District Ganga Committee Bareilly, NMCG,SMCG and GIZ experts. A planning cycle of 5 years is foreseen, which started in 2022 with thepreparation of the DGP. The progress is monitored and evaluated during the implementationwhichthenleadstotheselectionofKWMlsforthenext5-Yearplanningcycleandtheelaborationofnewinterventions,specifictargetsandconcreteactionplan.DGPBareillyhassubmittedtoStateMission forCleanGangaforApproval.

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

## 2.1 Sewage Management

(i) Sewage generation (MLD) (for entire District and individual town wise):

| Sl.No. | NameofULB | TotalSewageGeneration(MLD) |
|---|---|---|
| **1.** | **Aonla (NPP)** | 9.05 |
| **2.** | **Baheri (NPP)** | 11.09 |
| **3.** | **Bareilly Nagar Nigam** | 130 |
| **4.** | **Bisharatganj (NP)** | 1.72 |
| **5.** | **Deoranian (NP)** | 3.26 |
| **6.** | **Dhaura Tanda (NP)** | 6.08 |
| **7.** | **Faridpur (NP)** | 1.18 |
| **8.** | **Faridpur (NPP)** | 13.5 |
| **9.** | **FatehganjPashchimi (NP)** | 3.44 |
| **10.** | **Fatehganj Purvi (NP)** | 1.62 |
| **11.** | **Mirganj (NP)** | 2.99 |
| **12.** | **Nawabganj (NPP)** | 5.47 |
| **13.** | **Richha (NP)** | 3.22 |
| **14.** | **Rithora (NP)** | 2.77 |
| **15.** | **Sainthal (NP)** | 2.43 |
| **16.** | **Shahi (NP)** | 2.63 |
| **17.** | **Shergarh (NP)** | 2.73 |
| **18.** | **Shishgarh (NP)** | 4.24 |
| **19.** | **Sirauli (NP)** | 3.88 |
| **20.** | **ThiriyaNizawat Khan (NP)** | 3.65 |
| | **TOTALSEWAGEOFENTIREDISTRICT** | **214.95** |

(ii) Existing Sewage Treatment Capacities :**35 MLD Sarai TalfiDeoraniya Drain**

(iii) QuantityofsewageisbeingtreatedutilizationcapacityPerformanceofSTPsparticularlyforFC:

- **UtilizationatPresent–21MLDduetounderConstruction)**
- **GapinsewageTreatment–14.0MLD**
- **SewageTreatmentafteroperationofSTPatfullcapacity–35MLD**

(iv) Performance of STPs particularly for FC :**35 MLD STP is operational at saraitalfi, details are as fallows-**

| **Existing STP (location & capacity)** | **Capacity (operational) MLD** | **Inlet/ Outlet water quality & quantity** | **Number of tapped drains (quantity of discharge)** | **GAP (in treatment) MLD** | **Final discharge point** | **Proposed/ under construction STP With completion date** |
|---|---|---|---|---|---|---|
| Sarai talfi | 35 | pH-7.9, SS-6.4.0 BOD-08.0 COD-20.0 TC-170 FC-84 DOS-07/02/2024 | 13 TAPPED | 32 | Ramganga River | STP in Operation |
| Trishul airbase at tatarpur village ( **Lat-28.4192, Long.-79.4168)** | 01 | under construction STP | Not Tapped | | Devraniya River→Ramganga River | under construction STP |
| Harunnagla( **Lat-28.359155 Long-79.468955)** | 42 | under construction STP | Not Tapped | | Nakatiya River → Ramganga River | under construction STP |
| Chaubari( **Lat-28.2867 Long.-79.4050)** | 20 | under construction STP | Not Tapped | | Chaubari→ Ramganga River | under construction STP |

(v) Where treated sewage is being discharged (to Ganga or tributaries) :**Treated sewage is being discharged into Deoraniya River which joins to Ramganga River.Other 3 STP are under construction, details are as above table in point no.2.1 (iv).**

(vi) Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) :**All Drain are not Tapped and STP is under establisation.**

(vii) Current Gap in sewage treatment :**32 MLD**

(viii) Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues :**NO, 35 MLD is operational and under stabilisation.**

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

**2.2 Drains joining Ganga and Tributary**

(i) Number of drains carrying sewage- sullage or industrial waste water joining Ganga/ tributaries with their Quantity and Quality:**3 Drain/ Tributary joining River Ramganga and Ramganga is tributary of River Ganga.**

**And thereisnountreatedsewagedirectlygoingintoRiverGanga.**

**2.2DrainsjoiningGangaandTributary**

**i)Number of drains carrying sewage–sullageorindustrialwastewaterjoiningGanga/Tributarieswiththeirquantityandquality**

| S.N. | Drain (city/ town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Deoraniya | 128.0 | 102.28 | 7.2 | 32.0 | 240.0 | 84.0 | 553.0 | Cr-0.2522 Cu-0.0382 Pb-ND Fe-0.5751 Zn-0.0812 Mn-0.2757 Ar-ND Hg-ND | ND | 0.0 | 7900000 | 6300000 | 28.346178, 79.370461 | Light Blackish | Ramganga River |
| 2. | Nakatiya | 30.0 | 24.13 | 7.4 | 40.0 | 280.0 | 96.0 | 596.0 | Cr-0.1565 Cu-0.0187 Pb-0.0769 Fe-0.629 Zn-0.1576 Mn-0.3040 Ar-ND Hg-ND | ND | 0.0 | 8400000 | 7900000 | 28.359454, 79.469518 | Light Blackish | Ramganga River |
| 3. | Chaubari | 63.0 | 50.47 | 7.3 | 24.0 | 200 | 87.0 | 762.0 | Cr-0.5393 Cu-0.0382 Pb-0.2308 Fe-2.5742 Zn-0.5080 Mn-0.3040 Ar-0.003 Hg-ND | ND | 0.0 | 1200000 | 1100000 | 28.286925, 79.405402 | Light Blackish | Ramganga River |

**Details of Drain Joining Deoraniya River/ Nakatiya River and Chaubari drain**

| S.N. | Drain (city/ town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Dhurrera Maffi barrier Drain | 0.27 | 0.21 | 7.5 | 22.0 | 144.0 | 89.0 | 634.0 | Cr-0.2522 Cu-0.0480 Pb-0.769 Fe-3.8529 Zn-0.2150 Mn-0.3466 Ar-0.003 Hg-ND | 0.00 | **79000** | 63000 | 28.401041, 79.467934 | Light Blackish/ Sewage Like | Nakatiya River |
| 2 | 100 foota road Nala | 11.83 | 9.46 | 8.1 | 22.0 | 160.0 | 87.0 | 598.0 | Cu-0.0382 Pb-0.1538 Fe-12.0653 Zn-0.2850 Mg-0.4366 Ar-0.016 Hg-ND | 0.00 | 84000- | 79000 | 28.386976, 79.454192 | Light Blackish/ Sewage Like | Nakatiya River |
| 3 | Jagatpur police chauki to nakatiya river | 26.26 | 21.01 | 8.0 | 28.0- | 176.0 | 97.0 | 674.0 | Cr-0.1565 Cu-0.0187 Pb-0.1538 Fe-0.6291 Zn-0.0844 Mn-0.2119 Ar-ND Hg-ND | 0.00 | 63000 | 48000 | 28.363063, 79.446598 | Light Blackish/ Sewage Like | Nakatiya River |
| 4 | Biharipur Drain | 0.06 | 0.05 | 7.4 | 28 | 160 | 88.0 | 744.0 | Cr-0.1565 Cu-0.0285 Pb-0.2308 Fe-1.7277 Zn-0.3869 Mn-0.4424 Ar-0.002 Hg-ND | 0.00 | 94000 | 84000 | 28.361644, 79.398725 | Light Blackish/ Sewage Like | Chaubari Drain |
| 5 | GP Tola Drain | 20.04 | 16.03 | 8.0 | 22 | 144 | 84.0 | 778.0 | Cr-0.2044 Cu-0.0382 Pb-0.0769 Fe-4.1590 Zn-0.2691 Mn-0.4103 Ar-0.005 Hg-ND | 0.00 | 63000 | 48000 | 28.369781, 79.403018 | Light Blackish/ Sewage Like | Chaubari Drain |
| 6 | Shahu Gopinath Drain | 13.59 | 10.87 | 7.4 | 26 | 192 | 86.0 | 685.0 | Cr-0.2522 Cu-0.0480 Pb-0.0769 | 0.00 | 70000 | 63000 | 28.370011, 79.402850 | Light Blackish/ | Chaubari Drain |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Fe-0.7012<br>Zn-0.1035<br>Mn-0.2970<br>Ar-ND<br>Hg-ND - | | | | | Sewage Like | |
| 7 | Qila Bridge Drain | 1.78 | 1.43 | 7.8 | 28.0 | 192.0 | 96.0 | 784.0 | Cr-0.2044<br>Cu-0.0285<br>Pb-ND<br>Fe-1.1874<br>Zn-0.0653<br>Mn-0.3466<br>Ar-0.002<br>Hg-ND | 0.00 | 84000 | 79000 | 28.370847, 79.398549 | Light Blackish/ Sewage Like | Nakatiya River |
| 8 | Krishna Hospital 1&2 Drain | 14.69 | 11.75 | 7.8 | 26.0 | 176.0 | 87.0 | 689.0 | Cr-0.1565<br>Cu-0.0285<br>Pb-0.0769<br>Fe-2.7903<br>Zn-0.2723<br>Mn-0.7434<br>Ar-0.004<br>Hg-ND | 0.00 | 79000 | 63000 | 28.369728, 79.405601 | Light Blackish/ Sewage Like | Deoraniya River |
| 9 | Chauki Asraf Khan & Gulab Nagar Drain | 20.7 | 16.56 | 7.4 | 28.0 | 192.0 | 84.0 | 742.0 | Cr-0.4915<br>Cu-0.0578<br>Pb-2308<br>Fe-1.3855<br>Zn-0.4793<br>Mn-0.3678<br>Ar-0.002<br>Hg-ND | 0.00 | 84000 | 79000 | 28.239424, 79.414558 | Light Blackish/ Sewage Like | Deoraniya River |
| 10 | Haru nagla& Green Park Nala-02 | 0.74 | 0.59 | 8.2 | 22.0 | 144.0 | 96.0 | 738.0 | Cr-0.1565<br>Cu-0.0187<br>Pb-0.0769<br>Fe-2.9704<br>Zn-0.2946<br>Mn-0.4103<br>Ar-0.006<br>Hg-ND | 0.00 | 92000 | 84000 | 28.361309, 79.455817 | Light Blackish/ Sewage Like | Nakatiya River |
| 11 | Satellite Bus stand Drain | 11.99 | 9.59 | 7.8 | 6.0- | 192.0 | 94.0 | 698.0 | Cr-0.3001<br>Cu-0.0480<br>Pb-ND<br>Fe-0.5211<br>Zn-0.1927<br>Mn-0.2828<br>Ar-ND<br>Hg-ND | 0.00 | 94000 | 84000 | 28.349041, 79.441158 | Light Blackish/ Sewage Like | Nakatiya River |
| 12 | Chaubari Drain | 23.52 | 18.82 | 7.8 | 24.0 | 176.0 | 96.0 | 784.0 | Cr-0.2044<br>Cu-0.0285<br>Pb-ND<br>Fe-2.8623<br>Zn-0.1768<br>Mn-0.4103 | 0.00 | 920000 | 840000 | 28.3340633, 79.4047369 | Light Blackish/ Sewage Like | Chaubari Drain |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Ar-0.003<br>Hg-ND - | | | | | | |
| 13 | Airforce Nala | 1.08 | 0.87 | 7.8 | 28.0 | 192.0 | 78.0 | 688.0 | Cr-0.2044<br>Cu-0.0382<br>Pb-0.1538<br>Fe-0.7912<br>Zn-0.0557<br>Mn-0.3324<br>Ar-0.ND<br>Hg-ND | 0.00 | 63000 | 48000 | 28.416409,<br>79.428054 | Light<br>Blackish/<br>Sewage<br>Like | Devranya River |

**NOTE-**

1. Treatment of Total Coliform and Fecal Coliform will be done through STP, for this purpose Ultra Violet Line is installed in STP. After treatment Total Coliform and Fecal Coliform will be within standard.
2. All The 13 Drain Joins with Deoraniya River/Nakatiya River/ Chaubari Drain and Treatment of Total Coliform and Fecal Coliform will be done through STP, for this purpose Ultra Violet Line is either installed or Proposed for installation in STP. After treatment Total Coliform and Fecal Coliform will be within standard
3. **Nitrate analysis facility is not available**

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

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

- **03STPisunderconstructionatTatarpur ,Capacity–01MLD,**
- **Chaubari capacity – 20 MLD.**
- **Nakatiya Capacity – 42 MLD.**

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

**(i)** Status of Septage management (with reference to FSTP/STP):**35 MLDSTP INSTALLED**

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

- **35 MLDSTP INSTALLEDand Other STP are under construction**

**2.4 Industrial Pollution Control**

(i) Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise):**List is as below.**

# DetailsofGPICategoriesIndustries,Bareilly

| S.N. | Name of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (Outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Rehbar foods Pvt. Ltd., Mohanpur, Shahjahanpur Road, Bareilly | 27.70 | ETP operational | pH-7.2,<br>O&G-3.8,<br>SS-22.0<br>DS-1468.0<br>BOD-24.0<br>COD-192.0<br>DOS-15/02/2024 | No GAP | Installed | zero | Ash- 0.2 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 2. | Nagar Nigam Slaughter Houe, Mohanpur Thiriya, Bareilly | 8.10 | ETP operational | pH-7.3,<br>SS-24.0<br>DS-1548.0<br>BOD-22.0<br>COD-200.0<br>DOS-15/02/2024 | No GAP | Installed | zero | Ash- 0.2 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 3. | Oriental Aomatics Ltd. C.B.ganj, Bareilly | 9.60 | ETP operational | pH-7.2,<br>O&G-3.8,<br>SS-20.0<br>DS-1528.0<br>BOD-22.0<br>COD-184.0<br>DOS-12/02/2024 | No GAP | Installed | zero | Ash- 1.0 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 4. | Superior Industries Ltd. (Distillery) C.B. Gang, Bareilly. | 0.00 | ETP operational | ZLD | No GAP | Installed | zero | Ash- 15.68 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 5. | B.L. Argo Oils Ltd. Jauharpur, C.B.Ganj, Bareilly | 17.40 | ETP operational | pH-7.9,<br>O&G-4.8,<br>SS-22.0<br>DS-1580.0<br>BOD-22.0<br>COD-176.0<br>DOS-12/02/2024 | No GAP | Installed | zero | Ash- 3.36 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 6. | Rama Shyama Paper Ltd., Faridpur, Bareilly | 0.00 | ETP operational | pH-7.2,<br>O&G-2.4,<br>SS-26.0<br>DS-1548.0<br>BOD-24.0<br>COD-128.0<br>DOS-15/02/2024 | No GAP | Installed | zero | ASH -0.198 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7. | Dwarikesh Sugar Industries Ltd. (Distillery Division), Faridpur, Bareilly | 0.00 | ETP operational | ZLD | No GAP | Installed | zero | Ash- 1.8 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 8. | Dwarikesh Sugar Industries Ltd. Faridpur, Bareilly | 47.0 | ETP operational | pH-7.4,<br>O&G-4.8,<br>SS-23.0<br>DS-1640.0<br>BOD-24.0<br>COD-200.0<br>DOS-26/02/2024 | No GAP | Installed | zero | Ash- 29.30 MTD,<br>Press Mud-225 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer<br>**Press Mud -**Used as Manure |
| 9. | Kisan Sahkari Chini Mills Ltd. Semikhera, Bareilly | 18.5 | ETP operational | pH-7.6,<br>O&G-3.2,<br>SS-20.0<br>DS-1425.0<br>BOD-19.0<br>COD-147.0<br>DOS-05/02/2024 | No GAP | Installed | zero | Ash-12.09 MTD,<br>Press Mud-75 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer<br>**Press Mud -**Used as Manure |
| 10. | Kesar Enterprises Ltd. (Distillery Unit), Baheri, Bareilly | 0.00 | ETP operational | ZLD | No GAP | Installed | zero | Ash- 4.43 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer |
| 11. | Kesar Enterprises Ltd. (Sugar Unit), Baheri, Bareilly | 40.7 | ETP operational | pH-7.1,<br>O&G-4.0,<br>SS-26.0<br>DS-1610.0<br>BOD-18.0<br>COD-168.0<br>DOS-28/02/2024 | No GAP | Installed | zero | Ash- 34.02,<br>Press Mud-195 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer<br>**Press Mud -**Used as Manure |
| 12. | Dhampur Bio-Organics Ltd., (Sugar Division), Meerganj, Bareilly | 42.8 | ETP operational | pH-7.6,<br>SS-22.0<br>DS-1420.0<br>BOD-24.0<br>COD-184.0<br>DOS-07/02/2024 | No GAP | Installed | zero | Ash- 23.33 MTD.<br>Press Mud-150 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer,<br>**Press Mud -**Used as Manure |
| 13. | Oswal Overseas Ltd. (Sugar Unit) Nawabganj, Bareilly | 11.40 | ETP operational | pH-7.3,<br>O&G-3.5,<br>SS-20.0<br>DS-1640.0<br>BOD-26.0<br>COD-176.0<br>DOS-13/02/2024 | No GAP | Installed | zero | Ash-15.12 MTD,<br>Press Mud-135 MTD | ***Ash-***Disposed in low lying area and used in Bio-Fertilizer,<br>**Press Mud -**Used as Manure |
| 14. | **Total** | **195.50** | **ETP operational** | | No GAP | **Installed** | **zero** | **140.728** | |

## (3) Water quality status

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

**RIVER WATER SAMPLING FEBURARY-2024**

| SR. NO. | Name of River | Sampling Point | District | Dt. Of Sampling | Colour (Hazen/Apearance) | Odour | pH | D.O (mg/L) | B.O.D (mg/L) | C.O.D (mg/L) | Hardness as $CaCO_3$ (mg/L) | Calcium as $Ca^{++}$ (mg/L) | Magnesium as $Mg^{++}$ (mg/L) | Chloride as $Cl^-$ (mg/L) | Alkalinity as $CaCO_3$ (mg/L) | TDS (mg/L) | TSS (mg/L) | TS (mg/L) | E.C. (µS/cm) | TURBIDITY (NTU) | Total Coliform (MPN/100ml) | Fecal Coliform (MPN/100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Ramganga | U/S Kapoorpur village ,meerganj bareilly | Bareilly | 02.02.2024 | 15 | odourless | 8.0 | 8.7 | 2.5 | 28 | 134 | 30.4 | 14.09 | 12 | 36 | 298 | 46 | 344 | 447 | 38 | 4600 | 2600 |
| 2 | Ramganga | D/S Ahirgautiya village, Faridpur road | Bareilly | 02.02.2024 | 20 | odourless | 7.8 | 8.4 | 2.7 | 36 | 156 | 32.0 | 18.46 | 22 | 44 | 350 | 58 | 408 | 529 | 44 | 8400 | 7900 |
| 3 | Ganga river | Badaun road,kacla ghat | Badaun | 02.02.2024 | 10 | odourless | 7.8 | 10.5 | 1.4 | 16 | 126 | 27.2 | 14.09 | 10 | 30 | 128 | 30 | 158 | 196 | 26 | 480 | 260 |
| 4 | Ramganga | U/S Kapoorpur village ,meerganj bareilly | Bareilly | 06.02.2024 | 15 | odourless | 7.8 | 8.8 | 2.4 | 24 | 130 | 32.0 | 12.15 | 14 | 32 | 299 | 40 | 339 | 454 | 34 | 4800 | 3500 |
| 5 | Ramganga | D/S Ahirgautiya village, Faridpur road | Bareilly | 06.02.2024 | 20 | odourless | 8.0 | 8.4 | 2.5 | 28 | 152 | 31.2 | 17.98 | 20 | 46 | 354 | 52 | 406 | 539 | 46 | 7900 | 6300 |
| 6 | Ganga river | Badaun road,kacla ghat | Badaun | 06.02.2024 | 10 | odourless | 7.7 | 10.4 | 1.2 | 12 | 120 | 26.4 | 13.12 | 12 | 28 | 124 | 26 | 150 | 188 | 28 | 400 | 210 |
| 7 | Ramganga | U/S Kapoorpur village ,meerganj bareilly | Bareilly | 09.02.2024 | 15 | odourless | 7.8 | 8.8 | 2.5 | 24 | 132 | 30.4 | 13.60 | 14 | 34 | 289 | 44 | 333 | 434 | 36 | 4800 | 3500 |
| 8 | Ramganga | D/S Ahirgautiya village, Faridpur road | Bareilly | 09.02.2024 | 20 | odourless | 8.0 | 8.4 | 2.6 | 32 | 158 | 32.8 | 18.46 | 22 | 44 | 322 | 54 | 376 | 488 | 48 | 7900 | 6300 |
| 9 | Ganga river | Badaun road,kacla ghat | Badaun | 09.02.2024 | 10 | odourless | 7.6 | 10.1 | 1.4 | 16 | 126 | 27.2 | 14.09 | 14 | 32 | 124 | 28 | 152 | 189 | 22 | 400 | 210 |
| 10 | Aril river | Bareilly-Aonla road bridge, Near IFFCO | Bareilly | 09.02.2024 | 25 | odourless | 8.0 | 7.7 | 3.5 | 36 | 184 | 45.6 | 17.01 | 22 | 82 | 393 | 76 | 469 | 595 | 56 | 14000 | 11000 |
| 11 | West Behgul | Bareilly-Rampur road bridge meerganj | Bareilly | 10.02.2024 | 25 | odourless | 8.0 | 8.7 | 2.5 | 32 | 178 | 36.0 | 21.38 | 18 | 60 | 395 | 60 | 455 | 598 | 50 | 1400 | 9200 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | Bhakhara river | bareilly-rampur road bridge | Bareilly | 10.02.2024 | 10 | odourless | 7.8 | 9.0 | 1.6 | 214 | 158 | 32.8 | 18.46 | 12 | 50 | 217 | 38 | 255 | 329 | 30 | 4800 | 3500 |
| 13 | PEELA KHAR RIVER | VILLAGE JAUNE, MEERGANJ | Bareilly | 10.02.2024 | 25 | odourless | 8.0 | 7.5 | 3.3 | 32 | 178 | 38.4 | 19.92 | 22 | 72 | 389 | 66 | 455 | 588 | 48 | 17000 | 12000 |
| 14 | East bhegul | Bareilly-Shahjahanpur road bridge, Fatehganj (East) | Bareilly | 12.02.2024 | 10 | odourless | 7.8 | 8.9 | 1.4 | 16 | 130 | 27.2 | 15.06 | 12 | 30 | 183 | 40 | 223 | 279 | 28 | 630 | 460 |
| 15 | Ramganga | U/S Kapoorpur village ,meerganj bareilly | Bareilly | 13.02.2024 | 15 | odourless | 7.8 | 8.6 | 2.3 | 28 | 136 | 32.8 | 13.12 | 12 | 54 | 288 | 40 | 328 | 432 | 36 | 4600 | 2700 |
| 16 | Ramganga | D/S Ahirgautiya village, Faridpur road | Bareilly | 13.02.2024 | 20 | odourless | 8.2 | 8.3 | 2.7 | 36 | 166 | 36.8 | 17.98 | 16 | 60 | 317 | 42 | 359 | 479 | 38 | 6300 | 4800 |
| 17 | Ganga river | Badaun road,kacla ghat | Badaun | 13.02.2024 | 10 | odourless | 7.6 | 10.8 | 1.3 | 16 | 112 | 23.2 | 13.12 | 10 | 38 | 129 | 26 | 155 | 197 | 30 | 480 | 350 |
| 18 | kicha river | Narayan nagla bridge ,Baheri | Bareilly | 14.02.2024 | 25 | odourless | 7.8 | 7.9 | 3.1 | 36 | 164 | 35.2 | 18.46 | 18 | 64 | 369 | 62 | 431 | 558 | 52 | 14000 | 9200 |
| 19 | Ramganga | U/S Kapoorpur village ,meerganj bareilly | Bareilly | 16.02.2024 | 15 | odourless | 7.8 | 9.9 | 2.5 | 24 | 128 | 34.4 | 12.63 | 14 | 52 | 292 | 43 | 335 | 439 | 38 | 4600 | 2700 |
| 20 | Ramganga | D/S Ahirgautiya village, Faridpur road | Bareilly | 16.02.2024 | 20 | odourless | 8.2 | 8.7 | 2.6 | 32 | 164 | 35.2 | 12.46 | 18 | 64 | 326 | 46 | 372 | 489 | 40 | 6300 | 4800 |
| 21 | Ganga river | Badaun road,kacla ghat | Badaun | 16.02.2024 | 10 | odourless | 7.7 | 10.9 | 1.4 | 16 | 114 | 26.4 | 11.66 | 10 | 36 | 123 | 24 | 147 | 187 | 28 | 480 | 350 |
| 22 | Ramganga | U/S Kapoorpur village ,meerganj bareilly | Bareilly | 20.02.2024 | 15 | odourless | 7.8 | 8.9 | 2.4 | 24 | 140 | 33.6 | 13.60 | 14 | 48 | 318 | 40 | 358 | 479 | 28 | 4100 | 3300 |
| 23 | Ramganga | D/S Ahirgautiya village, Faridpur road | Bareilly | 20.02.2024 | 20 | odourless | 8.0 | 8.7 | 2.5 | 28 | 166 | 36.8 | 36.80 | 16 | 52 | 366 | 52 | 418 | 418 | 38 | 4800 | 3500 |
| 24 | Ganga river | Badaun road,kacla ghat | Badaun | 23.02.2024 | 10 | odourless | 7.7 | 10.8 | 1.2 | 12 | 118 | 24.8 | 24.80 | 8 | 32 | 126 | 28 | 154 | 154 | 29 | 400 | 330 |
| 25 | Ramganga | U/S Kapoorpur village ,meerganj bareilly | Bareilly | 23.02.2024 | 15 | odourless | 7.6 | 8.7 | 2.5 | 24 | 138 | 32.2 | 14.58 | 12 | 52 | 273 | 38 | 311 | 415 | 30 | 4100 | 3300 |
| 26 | Ramganga | D/S Ahirgautiya village, Faridpur road | Bareilly | 23.02.2024 | 20 | odourless | 8.0 | 8.2 | 2.6 | 32 | 164 | 38.4 | 16.52 | 14 | 58 | 299 | 36 | 335 | 454 | 32 | 4800 | 3500 |
| 27 | Ganga river | Badaun road,kacla ghat | Badaun | 23.02.2024 | 10 | odourless | 7.5 | 10.1 | 1.1 | 8 | 122 | 26.4 | 13.60 | 10 | 28 | 131 | 26 | 157 | 199 | 22 | 400 | 330 |
| 28 | West Behgul | Bareilly-Rampur road bridge meerganj | Bareilly | 24.02.2024 | 25 | odourless | 7.8 | 8.6 | 2.6 | 28 | 160 | 35.2 | 17.49 | 16 | 62 | 390 | 58 | 448 | 585 | 48 | 12000 | 8400 |
| 29 | Bhakhara river | bareilly-rampur road bridge | Bareilly | 24.02.2024 | 15 | odourless | 8.0 | 8.8 | 1.5 | 20 | 142 | 31.2 | 15.55 | 12 | 46 | 220 | 36 | 256 | 334 | 32 | 6300 | 4600 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | PEELA KHAR RIVER | VILLAGE JAUNE, MEERGANJ | Bareilly | 24.02.2024 | 25 | odourless | 8.0 | 7.6 | 3.2 | 36 | 180 | 42.4 | 17.98 | 24 | 76 | 378 | 60 | 438 | 569 | 44 | 9200 | 7900 |
| 31 | East bhegul | Bareilly-Shahjahanpur road bridge, Fatehganj (East) | Bareilly | 26.02.2024 | 10 | odourless | 8.0 | 8.8 | 1.3 | 12 | 126 | 28.8 | 13.12 | 10 | 34 | 172 | 32 | 204 | 258 | 28 | 790 | 480 |

**(4)** Notification of **Flood Plain Zones**:

रामगंगा नदी के लिएNo Development ZoneतथाNo Construction Zoneके निर्धारण हेतु (बिजनौर से कन्नौजतक) अधिशासी अभियन्ता, बाढ़खण्ड, मुरादाबाद द्वारा किया जा रहा है। कार्य की वस्तु स्थिति से अवगत कराने हेतु अधिशासी अभियन्ता, बाढ़खण्ड, मुरादाबाद को पत्र भी लिखा जा चुका है। सुलभ संदर्भ हेतु छाया प्रति संलग्न है।

**(5)** Issues relating to **Environmental Flow**:

- **There is no any issue related to Environmental Flowin District Bareilly**

- **Fallowing location on river Ramganga and its tributaries where joint E- Flow monitoring , Sample collection and water Quality Analysis is being done regularly-**

| S.N. | Name of River | Sampling Points | District | Sampling Frequency |
|---|---|---|---|---|
| 1 | **Aril River** | Bareilly-Aonla road bridge, Near IFFCO | Bareilly | FOURT NIGHTLY |
| 2 | Bhakhara river | bareilly-rampur road bridge | Bareilly | FOURT NIGHTLY |
| 3 | Deraniya | U/S Near vIll- AspurPeetamray-byepass road Bridge | Bareilly | FOURT NIGHTLY |
| 4 | Deraniya | D/S Village - Sarai -Talfi | Bareilly | FOURT NIGHTLY |
| 5 | Kichha | Narayan nagla bridge | Bareilly | WEEKLY |
| 6 | Nakatiya | U/S bareilly-PBT Road Bridge, Vill- Aspura | Bareilly | FOURT NIGHTLY |
| 7 | Nakatiya | D/S Bareilly- Faridpur Road Village ManpurChikitiya, | Bareilly | FOURT NIGHTLY |
| 8 | Ramganga | U/S Vill-Kapoorpur, Meerganj | Bareilly | WEEKLY |
| 9 | Ramganga | D/S Ahir Gautiya, Fareedpur | Bareilly | WEEKLY |
| 10 | West Behgul | Bareilly-Rampur road bridge | Bareilly | FOURT NIGHTLY |

# BESTPRACTICE

- ***UPOCMMS(UPOnlineConsentManagement&MonitoringSystem)***

**Background:**

CentralPollutionControlBoard(CPCB)playsroleinabatementandcontrolofpollutioninthecountrybygeneratingrelevantdata,providingscientificinformation,renderingtechnicalinputsfor formationofnationalpoliciesandprograms, trainingandddevelopment of manpower and organizing activities for promoting awareness at different levels of the Government and public.CentralPollutionControlBoardhasplannedtodevelopOnlineConsentManagementandMonitoringSystem(OCMMS)foreachstatewithhelp of National Informatics Centre (NIC) in all over India.In the year 7102, the Online Consent Management andMonitoring System(OCMMS)wasimplementedinUttarPradeshbytheCentralPollutionControlBoard,itspurposetofacilitateIndustriestoapplyandObtainon line for Consent to Establishment(CTE), Consent to Operate Water and Air (CTO Water & Air), Hazardous Waste Authorization, Bio-Medical Waste Authorization, Authorization under Plastic Waste Management Rule 7102, Authorization under Solid Waste ManagementRussia7102, Authorization under E-waste Management Rules7102, Authorizationunder CNDRules7102.

**Intervention:**

To implement this process, Central Pollution Control Board organised Training programme & provided OCMMS software to Uttar PradeshPollution Control Board, site for this software is *upocmms.nic.in*. By using upocmms.nic.in one can apply for above said certificate fromanywhere and can monitor his application, to whom it is pending and how long it was pending in some once account. At present*upocmms.nic.in*under SingleWindow Systemit isavailable through “NIVESHMITRA (niveshmitra.nic.in)”

**Impactonpublic:**

It had such a good impact on the public that there is no need to approach or call UPPCB office. Monitoring of application is very easy in allsteps.Afterapproval Certificate canbedownloaded from niveshmitrasiteor fromupocmms.nic.in.

**KeyOutcome:**

1. As all the applications are online, the status of Granted, Reject and Pending applications also remains online. Therefore, the status ofapplications

available to everyone at all time. Result of this is all application are disposed within time or before time prescribed byUPPCB,HOand no pendencyof application duringthemeetingof District UdyogBandhuorDivisional UdyogBandhu.

2. Industries have got the biggest benefit that the industrialist can monitor the application from his mobile or computer from wherever heis,atwhatstagehisapplicationispendingorifanyqueryorapproved.Incaseofqueryraisedbyuppcbemailissendtoregisteredemail-id byNivesh Mitra.
3. The certificate issued by the *upocmms*can be downloaded online, from its site or from Nivesh Mitra. for Need not to come to UPPCBoffice.
4. In the disposal of the application, the application is disposed of at several levels and finally the certificate is digitally signed by thecompetentauthority,inthisprocessitisknownatwhatleveltheapplicationhasbeenpendingforhowlongtime.RegionalOfficerisCompetentofficers,keepmonitoringcontinuously,iftheapplicationispendingwithanyofficerafterthe prescribedperiod,thentheyorder itforquick disposal.
5. GeneratedCertificateisavailableofallpreviousyearonsiteandifrequiredcanbeverifiedordownloadatanytimebyanypersonlikeBankofficials, RevenueDepartment officials etc.

**Summary**

1. Ithasbecomeveryconvenienttoeachandeverypersonifheforget/misplaced/damagecertificatethenneednottoworry,certificatecouldbedownloadedfrom site at anytime.
2. Verification ofcertificate, whichis produced bytheanypersonconcern, itisveryeasyto verifythecertificate byputting application idin OCMMS site.

**LessonLearnt:**

Online systems are veryconvenientfor publicaswell asDepartment. Weare about to useandadopt on line CTO,CTE,Hazardouswasteand for otherapplication On LineReportingSystem. ByUsingon linereportingsystem disposal offapplication willbeveryfast.

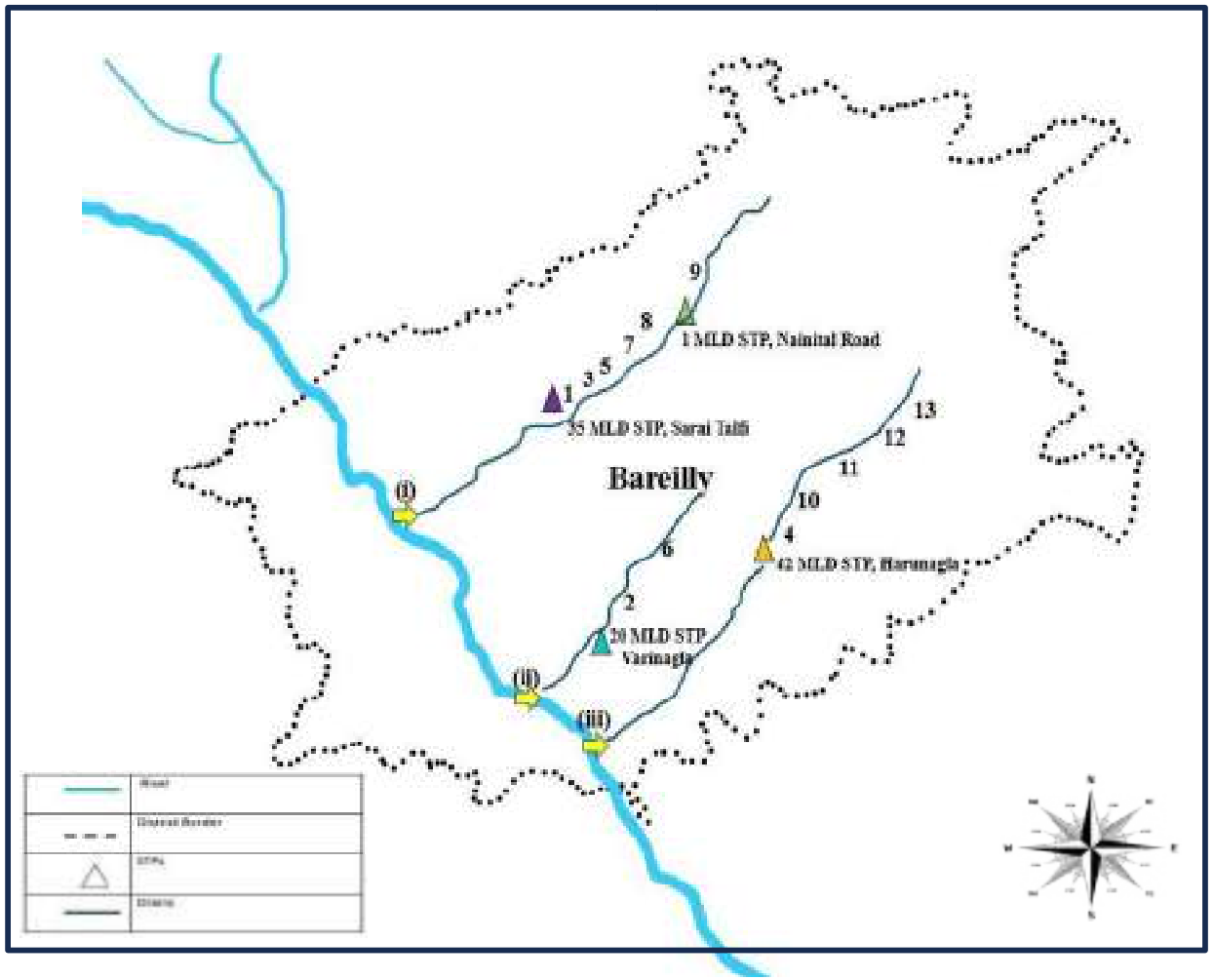
- AllGangaVillage(NearGangaRiver& Its Tributaries)hasdeclaredasODF+.
- District Administration and NagarNigamBareillyTakenagreatinitiativenamely Arti of Ramganga riverbyco-ordinationwithNGO's.

**Above report is compiled on the basis of reports/figures submitted by concerned departments.**

# DISTRICTGANGACOMMITTEEBAREILLY

**Bareilly:28.3670°N,79.4304°E**

**Area:City 106 Km$^2$41Sq Km. No. of ULB – 21**
**No.ofBlock –15**




(i) **DeoraniyaDrain**28°20'58"N79°22'42"E
**(ii) ChaubariDrain28°17'41"N79°23'33"**
(iii) **NakatiyaDrain**28°15'01"N79°26'10"E

**1MLDSTP,NainitalRoad28°25'09"N79°25'0(**
**42MLDSTP,Harunagla**28°21'34"N 79°28'10"E
**35MlDSaraiTalfi**28°21'22"N79°23'31"E
**20MLDVarinagla**28°17'12"N79°24'19"E

1) **ChaukiAshrafKhan,GulabNagarDrain**28.379424, 79.414558
2) **SahuGopinathDrain**28.370011,79.40285
3) **KilaDrain**28.370847A79.398549
4) **100Futa Drain**28.386976,79.454192
5) **KrishnaHospitalDrain**28.369728,79.405601
6) **Chaubari Drain**28.3340633, 79.404736666
7) **Biharipurdrain**28.361644, 79.398725
8) **GPTola Drain**28.369781,79.403018
9) **Air ForceDrain**28.416409,79.428054
10) **Jagatpur Police Chauki Drain** 28.363063, 79.44659
11) **Harungla and Green Park Drain** 28.361309, 79.455817
12) **Dhaurera Maafi Barrier Drain** 28.401041, 79.467934
13) **SatelliteBusStandDrain**28.354581,79.435432

जल शक्ति मंत्रालय
MINISTRY OF
JAL SHAKTI

# In compliance of Hon'ble NGT order

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

**District Ganga Committee Report**

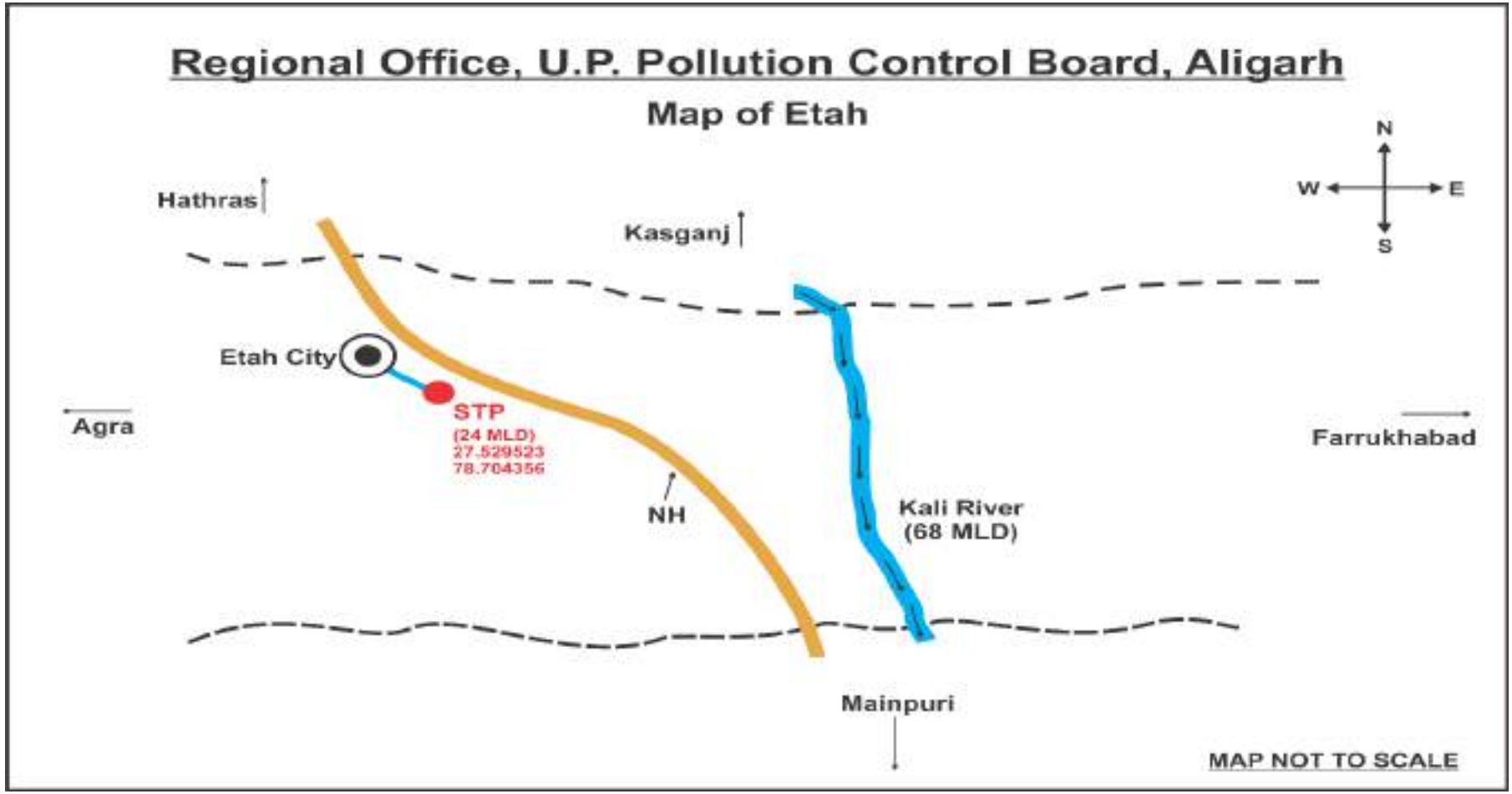
**Submitted by**

**DISTRICT GANGA COMMITTEE, ETAH, UTTAR PRADESH**

**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014)**
ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024
District-Etah

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| 1. | That STPs installed, are underutilised and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs. | STP of 24 MLD capacity is operated for Etah city. Approx . 12 MLD sewage is generated from Etah city, which is treated through STP and used for land irrigation. |
| 2. | The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains. | Approx. 12 MLD sewage from Etah city is brought to STP through sewer network. |
| 3. | the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | STP is established in Village-Manpur, Tehsil-Sadar, District-Eta, whose latitude is 27.529523 and longitude is 78.704356. According to the analysis test report of the effluent discharged from STP, pH-7.41, BOD-24 mg/l, COD-108 mg/l, SS-88 mg/l have been found. The quantity of effluent discharged from STP is approximately 12 MLD. The treated effluent from STP is used for land irrigation. |
| 4. | These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them. | Consent (water/air) is given by the Regional Office, Uttar Pradesh Pollution Control Board, Aligarh with the conditions of reusing the maximum purified effluent in the industrial process and for using it in land irrigation. Instructions are issued from time to time to operate zero liquid disposal system in the industry. |
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | STP is established in Village-Manpur, Tehsil-Sadar, District-Eta, whose latitude is 27.529523 and longitude is 78.704356. According to the analysis test report of the effluent discharged from STP, pH-7.41, BOD-24 mg/l, COD-108 mg/l, SS-88 mg/l have been found. The quantity of effluent discharged from STP is approximately 12 MLD. The treated effluent from STP is used for land irrigation. |
| 6. | mention heavy metals analysis in respect of discharge from each of the drain in the report. | Sample collection of water samples of Etah Drain under Regional Office, Uttar Pradesh Pollution Control Board, Aligarh was done on 10/01/2024. According to the analysis test reports received, Parameters are give below :- |

| Sr. No. | Drain | Heavy Metal |
|---|---|---|
| 1 | Local Drain, Manpur G.T. Road, Etah | Total Chromium-1.2933 mg/l ,Copper-0.8569 mg/l, lead-0.1247 mg/l, lron-9.6946 mg/l, Zinc-5.9288mg/l, Maganese-0.3968 mg/l, arsenic-ND, Mercury-ND |
| 2 | Local Drain, Agra Chungi Agra Road, Etah | Total Chromium-0.2081 mg/l ,Copper-0.2606 mg/l, lead-0.0356 mg/l, lron-3.7603 mg/l, Zinc-0.8955 mg/l, Maganese-0.3277 mg/l, arsenic-ND, Mercury-ND |
| 3 | Local Drain, Near Christian Agricultural Inter College, Etah | Total Chromium-0.0939 mg/l ,Copper-0.1955 mg/l, lead-0.0356 mg/l, lron-4.2745 mg/l, Zinc-0.5973 mg/l, Maganese-0.1819 mg/l, arsenic-ND, Mercury-ND |


Regional Office, U.P. Pollution Control Board, Aligarh
Map of Etah
N
W
E
S
Hathras
Kasganj
Etah City
STP
(24 MLD)
27.529523
78.704356
Agra
Farrukhabad
NH
Kali River
(68 MLD)
Mainpuri
MAP NOT TO SCALE

**1. Sewage**

| Drain (city/town) | Total drain capacity | Generation/ day | pH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Local Drain, Manpur G.T. Road, Eta | 4 MLD | 4 MLD | 7.86 | 56 | 128 | 124 | 590 | Total Chromium-1.2933 mg/l ,Copper-0.8569 mg/l, lead-0.1247 mg/l, lron-9.6946 mg/l, Zinc-5.9288mg/l, Maganese-0.3968 mg/l, arsenic-ND, Mercury-ND | 0 | 460000 | 34 00 00 | 4.0 MLD | Blackish/ Unpleasent | STP approxe-5 K.M |
| Local Drain, Agra Chungi Agra Road, Etah | 2 MLD | 2 MLD | 7.84 | 52 | 125 | 120 | 580 | Total Chromium-0.2081 mg/l ,Copper-0.2606 mg/l, lead-0.0356 mg/l, lron-3.7603 mg/l, Zinc-0.8955 mg/l, Maganese-0.3277 mg/l, arsenic-ND, Mercury-ND | 0 | 460000 | 34 00 00 | 2.0 MLD | Blackish/ Unpleasent | STP approxe-5 K.M |
| Local Drain, Near Christian Agricultural Inter College, Etah | 2 MLD | 2 MLD | 7.8 | 53 | 124 | 122 | 570 | Total Chromium-0.0939 mg/l ,Copper-0.1955 mg/l, lead-0.0356 mg/l, lron-4.2745 mg/l, Zinc-0.5973 mg/l, Maganese-0.1819 mg/l, arsenic-ND, Mercury-ND | 0 | 6300000 | 49 00 00 0 | 2.0 MLD | Blackish/ Unpleasent | STP approxe-5 K.M |

The above information is to be submitted on the basis of end point sample analysis of the concerned drain

**2. STP for treating the sewage of the drains ultimately flowing to river ganga or its**

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| STP MANPUR, ETAH, (Latitude-27.529523 Longitute-78.704356) 24 MLD | 24 MLD | Outlet water quality-pH-7.41, BOD-24 mg/l, COD-108 mg/l, SS-88 mg/l. dated 19.12.2023, Quantity 12 MLD | 03 Nos. Drains, Quantity of discharged 12 MLD | STP alreadty Installed | Local Drain for Irrigation | STP alreadty Installed |

**2.1 STP ADDITIONAL INFORMATION**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/ COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| 1. Etah Drain Near-Shiv Mandir, Etah | Village-Manpur, Tehsil & District-Etah 24 MLD | Latitude-27.529523 Longitute-78.704356 | 12 MLD | 12 MLD treated effluent discharge in local drain for irrigation |
| 2. Local Drain, Agra Chungi Agra Road, Etah | | | | |
| 3. Local Drain, Near Christian Agricultural Inter College, Etah | | | | |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/under construction STP With completion date |
|---|---|---|---|---|---|---|
| 24 MLD STP installed for Etah city. No STP installed for other city of district Etah. | 24 MLD | Outlet water quality-pH-7.41, BOD-24 mg/l, COD-108 mg/l, SS-88 mg/l. dated 19.12.2023, Quantity 12 MLD | 03 Nos. Drains, Quantity of discharged 12 MLD | 24 MLD STP installed for Etah city. No STP installed for other city of district Etah. | Local Drain | 24 MLD STP installed for Etah city. No STP installed for other city of district Etah. |

**3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries**

| Number of Hotels | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| 1.M/s S.P,.S. Resort, Mainpur Road, AliganjBaharChungi, Aliganj, Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 2. M/s President Hotel GT Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 3.M/s Taj Hotel , GT Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 4. M/s Quality Hotel , GT Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 5. M/s Radheshyam Hotel , GT Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 6. M/s Hotel Ganga , GT Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 7. M/s Rameshwaram Hotel Restaurant , GT Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 8. M/s Hotel Maya Palace , GT Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 9. M/s Hotel Gupta Palace Restaurant/Priya Restaurant , Agra Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 10. M/s Janta Hotel , Nidhauli Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 11. M/s Hotel SJD Restaurant, Agra Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 12. M/s Indraprastha Hotel, Railway Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 13. M/s Satkar Hotel, GT Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 14. M/s Shikhar Hotel, Agra Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 15. M/s Shree Ji Hotel, Agra Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 16. M/s Neelkanth Hotel, Bus Stand, GT Road Etah Near | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 17. M/s 7th Heaven , Agra Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 18. M/s Dev Residency , Agra Road Etah | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 19. M/s Hotel Grand Spice , Agra Road | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |

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

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 1. M/s JawaharVidhyut Utpadan Nigam Limited, Malawan, Etah | 9000 KLD (Unit is under trial) | ETP-Installed Capacity-10000 KLD | Unit is under trial | Nil | Nil | Nil | Bottom ash 2500 Ton/Day | Bottom ash is used by cement Industries |
| 2. M/s SagarSaltpeter Village-Nagla Harju, Jasrathpur, Aliganj, Hathras | 4 KLD | ETP-Installed Capacity-10 KLD | BOD-16.5 mg/Ltr, COD-102.0 mg/ltr, SS-42.0 mg/ltr& pH-7.17 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | These wastes are disposed by TSDF |
| 3. M/s Maa Kaila Devi Saltpeter, Village-Dhumri, Tehsil-Aliganj, District-Etah | 3 KLD | ETP-Installed Capacity-10 KLD | BOD-25.0 mg/Ltr, COD-230.0 mg/ltr, TSS-80. mg/ltr& pH-7.3 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | These wastes are disposed by TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4. M/s Bansal Chem, New Brick Field, Gata No.-290, Khata No-12, Mauza-Sakra, District-Etah | 8 KLD | ETP-Installed Capacity-10 KLD | BOD-10.20 mg/Ltr, COD-210.0 mg/ltr, Oil & Grease-1.50 mg/ltr, SS-18.0 mg/ltr& pH-6.9 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 5. M/s Jagannath Prasad Ram Prasad, Dargah Road, Jalesar, District-Etah. | 4 KLD | ETP-Installed Capacity-10 KLD | BOD-12.0 mg/Ltr, COD-240.0 mg/ltr, SS-15.0 mg/ltr& pH-6.81 | Nil | Nil | Nil | ETP Sludge-1.2 KL/Year, Used/Black Oil-30 Ltr/Year & Tube light/Bulb-2 Kg/Year | These wastes are disposed by TSDF |
| 6. M/s PawanEneterprises, Bankey, Mauza-Palra, Sauhar, Etah. | 6.0 | ETP-Installed Capacity-10 KLD | BOD-19.0 mg/Ltr, COD-76.0 mg/ltr, TSS-16.0 mg/ltr& pH-7.58 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7. M/s Unilever India Export Ltd, Instant Tea Factory, Kasganj Road, Etah. | 150 KLD | ETP-Installed Capacity-200 KLD | BOD-24.0 mg/Ltr, COD-240.0 mg/ltr, TSS-86.0 mg/ltr& pH-7.16 | Nil | Nil | Nil | 1. Used or Spent Oil-2 Kl/Year 2. Sludge and Filter - 0.5 Ton/Year 3. Empty Barrels/Container-3.0 Ton/Year 4. Contaminated Cotton Rags-0.5 Ton/Year, 5. Spent Solvent- 0.4 Ton/Year | These wastes are disposed by TSDF |

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

| Area-cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge GeoCode/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| Etah | Flood free area | - | - | - | - | - |

**6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones**

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | Proposed project | Timeline |
|---|---|---|---|
| Etah | 632000 | Plantation Year 2024-25 | July, 2024 |

**(Areawise plantation report enclosed)**

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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| Mining & stone crushing activities is not done in District-Etah | 0 | 0 | 0 | 0 | 0 |

1. The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55)- in district ganga committee meeting held on 27/02/2024 all of the concerned DGC member were urged to provide their work report regarding ganga action plan in accordance with River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016

## (2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)

### 2.1 Sewage Management

**District Etah-Total Sewage Generation-**

| Nameof Towns | TotalSewage Generation (MLD) |
|---|---|
| Aliganj (NPP) | 3 |
| Awagarh (NP) | 1.2 |
| Etah (NPP) | 12 |
| Jaithara (NP) | 1.3 |
| Jalesar (NPP) | 4.2 |
| Marehra (NPP) | 2.7 |
| Nidhauli Kalan (NP) | 0.9 |
| Raja Ka Rampur (NP) | 1.3 |
| Sakit (NP) | 0.9 |
| **Total** | **27.5** |

(i) Existing Sewage Treatment Capacities :
**STP is installed in district- Etahof 24 MLDcapacity.**

(ii) Quantity of sewage is being treated (utilization capacity) :
**12 MLD sewage is treated by STP**Performance of STPs particularly for FC :
**STP is capable of FC.**

| Parameter/Method Name | Unit | Results | Standard | Detection Range |
|---|---|---|---|---|
| Total Coliform, APHA 9221 24th Ed. : 2023 | MPN/100 ml | 1600 | - | <1.8 MPN/100 ml 1600 |
| Fecal Coliform, 9221 E Fecal Coliform Procedure | MPN/100 ml | 540 | <1000MPN/ 100ml | <1.8 MPN/100 ml 1600 |

(iii) Where treated sewage is being discharged (to Ganga or tributaries) :approxe-**No**
**The treated effluent from STP is used for land irrigation through local drain.**

(iv) Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) :
**Nil.**

(v) Current Gap in sewage treatment :**15.5 MLD**

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

**STP not insatlled in other town (Aliganj (NPP), Awagarh (NP), Jaithara (NP), Jalesar (NPP),Marehra (NPP),Nidhauli Kalan (NP), Raja Ka Rampur (NP), Sakit (NP) of district- Etah**.

(vii) Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries):**15.5 MLD**

| Name of Town | Total Sewage Generation (in MLD) | STP Installed/ Not Installesd | Name of Drain / River |
|---|---|---|---|
| Aliganj (NPP) | 3 | STP Not Installed | LOCAL DRAIN, ALIGANJ |
| Awagarh (NP) | 1.2 | STP Not Installed | LOCAL DRAIN, AWAGARH |
| Jaithara (NP) | 1.3 | STP Not Installed | LOCAL DRAIN, JAITHRA |
| Jalesar (NPP) | 4.2 | STP Not Installed | LOCAL DRAIN, JALESAR |
| Marehra (NPP) | 2.7 | STP Not Installed | LOCAL DRAIN, MAREHRA |
| Nidhauli Kalan (NP) | 0.9 | STP Not Installed | LOCAL DRAIN, NIDHAULIKALAN |
| Raja Ka Rampur (NP) | 1.3 | STP Not Installed | LOCAL DRAIN, RAJA KA RAMPUR |
| Sakit (NP) | 0.9 | STP Not Installed | LOCAL DRAIN, SAKIT |

## 2.2 Drains joining Ganga and Tributary

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

| S.No. | Drain | Domestic/Industrial/Mixed | Flow (MLD) | Quality Discharge Parameters |
|---|---|---|---|---|
| 1 | Kali River, Dhoomri, Etah | Mixed | 68 | pH-7.36, Colour-20, BOD-12.0 mg/ltr, COD-36.0 mg/ltr, TDS-1090 mg/ltr, TSS-480 mg/ltr, D.O.-6.4 mg/ltr |

.

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

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

**STP not insatlled in other town (Aliganj (NPP), Awagarh (NP), Jaithara (NP), Jalesar (NPP),Marehra (NPP),Nidhauli Kalan (NP), Raja Ka Rampur (NP), Sakit (NP) of district- Etah**.

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

(i) Status of Septage management (with reference to FSTP/STP):
**No FSTP installed in distrcit-Etah**

(ii) Management of Grey water and its disposal:
**Drains carrying greywater discharge in city and at village level. In the context of gram panchayat, an advance approach to managing grey water involves the construction of drainage system funded by both 15th finance commission and the 5th finance commission .these system guide grey water into designated ponds, aided by filter chamber installed at the end of drains through the swachhbharat mission(rural) phase-2 and finance commission funds. Additionaly soak pits are installed in hand pumps , schools, and household lacking drainage infrastructure further contributing to effective grey water management.**

## 2.4 Industrial Pollution Control

(i) Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise):**there is no any CETPs installed in District Etah. Water Polluting Industries is installed individual ETP.**

| S.N. | Name of Industry | Production Sector- (Tannery, textile, Paper Metal, Oil, Food, Other) | Presence of ETP (Effluent Treatment Plant in Industries) | Type of Industry | Total Industrial Effluent Generation (KLD) | Total Capacity of Treatments facility and its utilization (KLD) | Final Discharging Points | Compliance status | Action Taken |
|---|---|---|---|---|---|---|---|---|---|
| 1 | M/s JawaharVidhyutUtpadan Nigam Limited, Malawan, Etah | Power Plant Unit | Yes | GPI | 9000 KLD (Unit is under trial) | ETP- Installed Capacity-10000 KLD | Irrigation | **Yes** | **No** |
| 2 | M/s SagarSaltpeter Village-Nagla Harju, Jasrathpur, Aliganj, Hathras | Saltpeter Unit | Yes | GPI | 4 KLD | ETP- Installed Capacity-10 KLD | Irrigation | **Yes** | **No** |
| 3 | M/s Maa Kaila Devi Saltpeter, Village-Dhumri, Tehsil-Aliganj, District-Etah | Saltpeter Unit | Yes | GPI | 3 KLD | ETP- Installed Capacity-10 KLD | Irrigation | **Yes** | **No** |
| 4 | M/s Bansal Chem, New Brick Field, Gata No.-290, Khata No-12, Mauza-Sakra, District-Etah | Saltpeter Unit | Yes | GPI | 8 KLD | ETP- Installed Capacity-10 KLD | Irrigation | **Yes** | **No** |
| 5 | M/s Jagannath Prasad Ram Prasad, Dargah Road, Jalesar, District-Etah. | SaltpeterRifining Unit | Yes | No GPI | 4 KLD | ETP- Installed Capacity-10 KLD | Local Drain, Jalesar | **Yes** | **No** |
| 6 | M/s PawanEneterprises, Bankey, Mauza-Palra, Sauhar, Etah. | Saltpeter Unit | Yes | GPI | 6.0 | ETP- Installed Capacity-10 KLD | Irrigation | **Yes** | **No** |
| 7 | M/s Unilever India Export Ltd, Instant Tea Factory, Kasganj Road, Etah. | Tea Unit | Yes | GPI | 150 KLD | ETP- Installed Capacity-200 KLD | Irrigation | **Yes** | **No** |

**(3) Water quality status**

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

| S.no | Name of River/Tributary | DO (mg/ltr) | B.O.D | TC (MPN/ 100ml) | FC (MPN/ 100ml) |
|---|---|---|---|---|---|
| 1 | Kali River | 6.4 mg/ltr | 12.0 mg/ltr | 4700000 | 3400000 |

**(4)** Notification of Flood Plain Zones:

**The rivers passing through district Etah are mainly of plain nature, in which there is generally not much water flow. The areas around the rivers are flat. Under district Etah, the tributary of river Ganga is Kali River, which flows through districts Muzaffarnagar, Meerut, Bulandshahr, Aligarh, Kasganj, Etah, Farrukhabad, and Mainpuri and falls into river Ganga at MehndiGhat in Kannauj. The length of the river in Etah district is 35.00 km. The flow of water of Kali River is very less. Due to which problem like FLOOD does not arise in Kali River. In Etah district, rain water is collected on the Beaver Barrage built on the Kali River and is used for irrigation to the farmers through Beaver Feeder. District Etah is not a flood affected district.**

**(5)** Issues relating to Environmental Flow:

**In Etah district, water for irrigation is provided through canals. Irrigation department Etah does not discharge any type of waste/solid/water waste into the rivers. There is no such factory/etc. on the banks of rivers in the district, due to which large quantities of chemicals are released into the rivers, due to which there is no problem like environmental flow.**

**Best Practices :**

1. Online Continuous Effluent Quality Monitoring Stationis operated for continuous monitoring of the quality of effluent in Tea Unit, which is connected to the Central Pollution Control Board and Uttar Pradesh Pollution Control Board.
2. Treated effluent from units is used for irrigation.
3. Inspections of water polluting industries are done at regular intervals by the Regional Office, Uttar Pradesh Pollution Control Board, Aligarh.
4. Water samples of Kali River under District Etahare collected weekly. The collected samples are tested in the laboratory of the Regional Office, Aligarh.
5. Action is taken against the units found defaulter as per rules.
6. At village level, grey water management entails construction of drainage system funded by finance commission directing water into ponds with filter chamber and installing soak pits in areas lacking drainage infrastructure.
7. Each year district achieves its plantation targets with the collaborative efforts of the district departments resulting in a very satisfactory survival percentage of the same.

जल शक्ति मंत्रालय
MINISTRY OF
JAL SHAKTI

# IncomplianceofHon'ble NGT order

# InO.A.200/2014MCMehta*Vs*UOIandOrs.

## District Ganga Committee Report

**Submitted by**

**DISTRICT GANGA COMMITTEE, HATHRAS, UTTAR PRADESH**

**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014)**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

District- Hathras

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| 1. | That STPs installed, are underutilised and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs. | In Hathras district, there are currently no Sewage Treatment Plants (STPs) installed. However, alternative measures have been implemented, including the proposal for a 24 MLD STP in Hathras City and the installation of a 32 FSTP (Faecal Sludge Treatment Plant) at Jalesar Road. These measures are intended to address wastewater treatment needs and mitigate the discharge of untreated effluents into drains, thus aligning with the goal of ensuring effective wastewater management. |
| 2. | The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains. | As there are currently no Sewage Treatment Plants (STPs) installed in Hathras district, the quantification and estimation of sewage entering each STP through the sewer network or via interception and diversion of drains are not applicable. However, alternative measures such as proposed STPs and Faecal Sludge Treatment Plants (FSTPs) are being considered to address wastewater management needs in the district. These measures will involve assessing the volume and flow of sewage once the STPs are operational, ensuring effective treatment and management of sewage in the future |
| 3. | the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | Currently, in Hathras district, there are no Sewage Treatment Plants (STPs) installed. Therefore, there is no breakup of the quantity of sewage fed to each STP through sewerage and drains, nor any indication of STP locations with geo-coordinates. Additionally, information regarding the quality and quantity of discharged sewage and its disposal location is not applicable. However, proposed STPs and Faecal Sludge Treatment Plants (FSTPs) in the district will undergo detailed planning, including considerations for quantifying sewage inputs, monitoring sewage quality, and identifying appropriate disposal locations once operational. |
| 4. | These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them. | Consent (water/air) is given by the Regional Office, Uttar Pradesh Pollution Control Board, Aligarh with the conditions of reusing the maximum purified effluent in the industrial process and for using it in land irrigation. Instructions are issued from time to time to operate zero liquid disposal system in the industry. |
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | We agree that additional columns reflecting the drain, position of Sewage Treatment Plants (STPs) with their capacities, geo-coordinates, discharge quantities from the STPs into the drain, and total daily discharge from the drain into the river should be included. However, as there are currently no STPs installed in Hathras district, this information is not applicable at present. Once STPs are established, these details will be crucial for monitoring and managing sewage treatment processes effectively. |
| 6. | mention heavy metals analysis in respect of discharge from each of the drain in the report. | Sample collection of water samples of Hathras Drain under Regional Office, Uttar Pradesh Pollution Control Board, Aligarh was done on 10/01/2024. According to the analysis test report received, Total Chromium-0.4366 mg/l, Copper-0.2822 mg/l, lead-0.2137 mg/l, iron-4.5530 mg/l, Zinc-0.9817 mg/l, Maganese-0.2817 mg/l, arsenic- ND, Mercury-ND were found. |

**1. Sewage**

| Drain (city/ town) | Total drain capacity | Generation/ day | pH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hathras Drain, Hathras | 42.12 MLD | 42.12 MLD | 7.27 | 60 | 250 | 640 | 1460 | Total Chromium-0.4366 mg/l ,Copper-0.2822 mg/l, lead-0.2137 mg/l, lron-4.5530 mg/l, Zinc-0.9817 mg/l, Maganese-0.2817 mg/l, arsenic-ND, Mercury-ND | 00 | 4300000 | 3100000 | 42.81 MLD (Latitude-27.438989, Logitude 78.074851 | Blackish/ Unpleasent | Yamuna River approxe-45 K.M |

The above information is to be submitted on the basis of end point sample analysis of the concerned drain.

**2. STP for treating the sewage of the drains ultimately flowing to river ganga or its tributary.**

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| STP Not Installed | STP Not Installed | STP Not Installed | STP Not Installed | STP Not Installed | STP Not Installed | 24 MLD STP is proposed at Hathras City |

**2.1 STP ADDITIONAL INFORMATION**

| **NAME OF DRAIN** | **POSITION OF STP WITH CAPACITY** | **GEO/ COORDINATES** | **DISCHARGE QUANTITY FROM THE STP IN THE DRAIN** | **TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER** |
|---|---|---|---|---|
| Hathras Drain, Hathras | STP Not Installed | STP Not Installed | STP Not Installed | 17.96 MLD |

| **Proposed STP (location & capacity)** | **Capacity (operational)** | **Inlet/ Outlet water quality & quantity** | **Number of tapped drains (quantity of discharge)** | **GAP (in treatment)** | **Final discharge point Geo code/ sampling point** | **Proposed/ under construction STP With completion date** |
|---|---|---|---|---|---|---|
| 24 MLD Location-(Latitude : 27.580743 Logitude : 78.072804), Jalesar Road Hathras | Proposed | Proposed | Proposed | Proposed | Proposed | DPR under review by NMCG. |

**3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries**

| Number of Hotels | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| 1. M/s Gupta Hotel, G.T. Road, NaglaLala, Sikandrarao, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 2. M/s Ganga Restaurant, PethChauraha, NaglaShishghar, Sikandrarao, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 3.Pahlban hotel, Bus Stand agra road, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 4.M/s Ma Veshno Hotel, Bus Stand agra road, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 5.M/s Sharma Hotel, Bus Stand agra road, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 6. M/s Galaxy Hotel, Agra road, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 7. M/s Shilpa guest house, aligarh road, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 8. M/s Jantarestoaurant, kamla bazar, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 9. M/s Shri Ji Hotel, kamla bazar, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 10. M/s Golden zone, Restoarant Agra road, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 11. M/s Ramoji Resort, aligarh road hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 12. M/s Royal Rich, aligarh road hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| 13. M/s Dwarikarestorant, Mendu road, Hathras | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |

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

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 1. M/s Alfa Milk Food Pvt. Ltd. A-1 to 7 UPSIDC Industrial Area, Salempur- Hathras | 400 KLD | ETP-Installed Capacity-500 KLD | BOD-26.0 mg/Ltr, COD-242.0 mg/ltr, TSS-66. mg/ltr& pH-7.38 | Nil | Nil | Nil | 1. Use Oil-0.25 KL/Day, 2. Oil Filter – 15 Nos/Year, 3. Oily Soaked Cloths- 15 Nos/Year, 4. Air Filter-15 Nos/Year & 5 ETP Sludge-500 Kg/Year | These wastes are disposed by TSDF |
| 2. M/s Mahan Milk Food Pvt. Ltd. Industrial Area, Salempur, Hathras | 300 KLD | ETP-Installed Capacity-500 KLD | BOD-28.0 mg/Ltr, COD-246.0 mg/ltr, SS-90.0 mg/ltr& pH-7.42 | Nil | Nil | Nil | Waste Used Oil-400 Ltr/Year, Oil Filter-8 Numbers & Oily Cloths-300 Kg/Year | These wastes are disposed by TSDF |
| 3. M/s S.N. Milk Products Pvt. Ltd. Sasni, Hathras | 160 KLD | ETP-Installed Capacity-200 KLD | BOD-26.0 mg/Ltr, COD-246.0 mg/ltr, SS-90. mg/ltr& pH-7.42 | Nil | Nil | Nil | Used Lubricant Oil – 30 KL/Year, Oil & Grease & Skimming & Residue – 40 MT/Year | These wastes are disposed by TSDF |
| 4. M/s S.N. Dairy Foods Pvt. Ltd. Ajroi Road, Sasni, Hathras | 300 KLD | ETP-Installed Capacity-500 KLD | BOD-24.0 mg/Ltr, COD-240.0 mg/ltr, SS-86. mg/ltr& pH-7.4 | Nil | Nil | Nil | Used Lubricant Oil – 25 KL/Year, Oil & Grease & Skimming & Residue – 12 MT/Year | These wastes are disposed by TSDF |
| 5. M/s Anuj Carpet, Village-Kakrawali, Mathura Road, Mursan, District-Hathras. | 20 KLD | ETP-Installed Capacity-50 KLD | BOD-27.1 mg/Ltr, COD-198.0 mg/ltr, Oil & Grease-4.5 mg/ltr, SS-72.0 mg/ltr& pH-7.61 | Nil | Nil | Nil | ETP Sludge-2 Kg/Day | ETP Sludge is used as a manure |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 6. M/s Krishna Sales Corporation, B-3, 4, 5, Industrial Estate, District-Hathras. | 120 KLD | ETP-Installed Capacity-200 KLD | BOD-26.0 mg/Ltr, COD-246.0 mg/ltr, SS-92.0 mg/ltr& pH-7.48 | Nil | Nil | Nil | ETP Sludge-1.2 KL/Year, Used/Black Oil-30 Ltr/Year & Tube light/Bulb-2 Kg/Year | These wastes are disposed by TSDF |
| 7. M/s Om International, D-1, Industrial Estate, District-Hathras. | 20.0 | ETP-Installed Capacity-50 KLD | BOD-20.0 mg/Ltr, COD-91.7 mg/ltr, SS-44.0 mg/ltr& pH-7.21 | Nil | Nil | Nil | ETP Sludge-2 Kg/Day | ETP Sludge is used as a manure |
| 8. M/s Taxfab Industries, A-16, Industrial Estate, District-Hathras. | 10 KLD | ETP-Installed Capacity-20 KLD | BOD-20.8 mg/Ltr, COD-128.0 mg/ltr, TSS-54.2 mg/ltr Oil & Grease-4.5 mg/Ltr& pH-7.65 | Nil | Nil | Nil | ETP Sludge-2 Kg/Day | ETP Sludge is used as a manure |
| 9. M/s Bansal Overseas, Village-Dayanatpur, Aligarh Road, hathras | 15 KLD | ETP-Installed Capacity-50 KLD | BOD-26.0 mg/Ltr, COD-122.0 mg/ltr, Oil & Grease-3.5 mg/ltr, TDS-1296 mg/ltr, TSS-42.5 mg/ltr& pH-7.8 | Nil | Nil | Nil | 1. Spent solvent ink waste, cotton waste, Plastic waste, Oil soaked cotton, Paper, Rubber waste, Hand gloves, Oily-Paint sludge, Chemicals, waste expired medicine etc-50 Kg/Year 2. Air oil filters – 2 Pcs/Year 3. (E-waste &Landilable) Printers cartage, Mouse, Keyboard, CPU, Chargers-10 Kg/Year 4. ETP Sludge-250 Kg/Year 5. Discarded Containers Below 200 Leters-20 Kg/Years | These wastes are disposed by TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10. M/s Kamakhya Enterprises, Kanau, Hathras | 4 KLD | ETP-Installed Capacity-10 KLD | BOD-22.0 mg/Ltr, COD-112.0 mg/ltr, TSS-68.0 mg/ltr, Oil & Grease-6.0 mg/Ltr& pH-7.34 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 11. M/s Kailash Group Of Industries, Station Road, Sasni , , Hathras | 1.5 KLD | ETP-Installed Capacity-5 KLD | BOD-21.0 mg/Ltr, COD-112.0 mg/ltr, Oil & Grease-BDL, TSS-23.0 mg/ltr& pH-7.26 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 12. M/S BapuGramodhyogSevaSansthan, MayurVihar, Agra Road, BambaPul, Hathras | 4 KLD | ETP-Installed Capacity-5 KLD | BOD-30.0 mg/Ltr, COD-256.0 mg/ltr, SS-128.0 mg/ltr& pH-7.34 | Nil | Nil | Notice issued | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 13. M/S Grts Foods Pvt. Ltd., National Highway-93, Near ChaupalSagar, Aligarh Road, Tehsil-Sasni, Distt. Hathras | 38 KLD | ETP-Installed Capacity-50 KLD | BOD-23.0 mg/Ltr, COD-154.0 mg/ltr, Oil & Grease-<2.0 mg/ltr, SS-82.0 mg/ltr& pH-7.02 | Nil | Nil | Nil | ETP Sludge-1 Kg/Day | ETP Sludge is used as a manure |
| 14. M/s Hanuman Food Products, Chawar Gate, Hathras,Hathras,204101 | 3 KLD | ETP-Installed Capacity-5 KLD | BOD-14.0 mg/Ltr, COD-80.0 mg/ltr, TSS-46.0 mg/ltr, Oil & Grease-8.0 Mg/Ltr, Colour-<5.0 mg/Ltr& pH-7.42 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 15. M/s Mehra Agro Foods, Part Of 123ka, 123ba, Vill. Kalwari, Tahsil&Distt. Hathras | 6 KLD | ETP-Installed Capacity-10 KLD | BOD-24.0 mg/Ltr, COD-208.0 mg/ltr, SS-84.0 mg/ltr& pH-6.8 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 16. M/sMehra Foods, Vill. Ajroi, TahsilSasni, Distt. Hathras,Hathras, | 6 KLD | ETP-Installed Capacity-10 KLD | BOD-22.5 mg/Ltr, COD-203.17 mg/ltr, TSS-32.6 mg/ltr, TDS-382.0 mg/ltr& pH-7.21 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 17. M/s Shree Ram Food Product, Jalesar Road, Sasni, Hathras,Hathras, | 3 KLD | ETP-Installed Capacity-5 KLD | BOD-15.0 mg/Ltr, COD-110.4 mg/ltr, TSS-28.0 mg/ltr, Oil & Grease-2.1 Mg/Ltr& pH-7.26 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 18. M/S Shri Girraj Food Products, NaglaChaube, Dhakpura Road, Hathras | 3 KLD | ETP-Installed Capacity-5 KLD | BOD-20.0 mg/Ltr, COD-126.0 mg/ltr, SS-29.4 mg/ltr, Oil & Grease- <5.0 mg/ltr& pH-7.35 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 19. M/S Shri RadhePetha Store, Khasra No-213/1, Khata No-141, Mauza-SasniDehat, Tehsil-Sasni, Hathras,Hathras, | 5 KLD | ETP-Installed Capacity-10 KLD | BOD-26.0 mg/Ltr, COD-246.0 mg/ltr, SS-88.0 mg/ltr& pH-7.34 | Nil | Nil | Nil | ETP Sludge-1 Kg/Day | ETP Sludge is used as a manure |
| 20. M/s Tapovan Foods Pvt. Ltd. Rahana Road, Ruheri, Hathras | 10 KLD | ETP-Installed Capacity-15 KLD | BOD-40.0 mg/Ltr, COD-260.0 mg/ltr, SS-240.0 mg/ltr& pH-7.30 | Nil | Nil | Notice issued | ETP Sludge-2 Kg/Day | ETP Sludge is used as a manure |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 21. M/s Natraj Energy Pvt. Ltd. (Old Name-Apex Power), Village-Ruheri Road, Hathras | 20 KLD | ETP-Installed Capacity-30 KLD | BOD-8.0 mg/Ltr, COD-240.0 mg/ltr, SS-46. mg/ltr& pH-7.42 | Nil | Nil | Nil | ETP Sludge-2 Kg/Day | ETP Sludge is used as a manure |
| 22. M/s AsthLaxmiAgrotechPvt. Ltd. Mehmoodpur, Barse, SasniHathras | 10 KLD | ETP-Installed Capacity-15 KLD | BOD-72.0 mg/Ltr, COD-270.0 mg/ltr, SS-464.0 mg/ltr& pH-7.26 | Nil | Nil | Notice issued | ETP Sludge-2 Kg/Day | ETP Sludge is used as a manure |
| 23. M/s Shree Speciality Col Chem, Ajroi Road, Tehshil- Sasni, District-Hathras | 4 KLD | ETP-Installed Capacity-10 KLD | BOD-18.0 mg/Ltr, COD-74.0 mg/ltr, Oil & Grease-2.6 mg/ltr, TSS-36. mg/ltr& pH-7.63 | Nil | Nil | Nil | ETP Sludge-5 Kg/Day | ETP Sludge is used as a manure |
| 24. M/s Bharat Petrolium Corporation Ltd. L.P.G. Batling Plant, Indusrial Estate, Salempur, Hathras | 5 KLD | ETP-Installed Capacity-10 KLD | BOD-28.0 mg/Ltr, COD-246.0 mg/ltr, TSS-90.0 mg/ltr& pH-7.32 | Nil | Nil | Nil | ETP Sludge-1 Ton/Year | This waste is disposed by TSDF |
| 25. M/s MatrumalDhanna Mal Oil Mill (Unit-2) 03th Km. Stone Sasni, Iglas Road, NaglaGadhu, Sasni, Hathras | 20 KLD | ETP-Installed Capacity-30 KLD | BOD-26.0 mg/Ltr, COD-246.0 mg/ltr, SS-92.0 mg/ltr& pH-7.48 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 26. M/s Excel PhosphatPvt.Ltd.,Plot No.B-16 to 17, UPSIDC, Industrial Area-Salempur, Hathras | 16 KLD | ETP-Installed Capacity-20 KLD | | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 27. M/s G.M. Food Prodcut, Plot No-B-18, Salempur Industrial Area, Hathras | 8 KLD | ETP-Installed Capacity-10 KLD | BOD-60.0 mg/Ltr, COD-330.0 mg/ltr, SS-484.0 mg/ltr& pH-7.30 | Nil | Nil | Notice issued | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 28. M/s AnanadManohar Food Product Pvt. Ltd. D-7, Industrial Area, Salempur, Tehsil-Sasni, Hathras | 1 KLD | ETP-Installed Capacity-5 KLD | BOD-80.0 mg/Ltr, COD-310.0 mg/ltr, SS-496.0 mg/ltr& pH-7.21 | Nil | Nil | Notice issued | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |
| 29. M/s A.K. Agro Foods, Village-Chintapur, Behind MandiSamiti, Hathras | 3 KLD | ETP-Installed Capacity-5 KLD | BOD-28.0 mg/Ltr, COD-246.0 mg/ltr, SS-82.0 mg/ltr& pH-7.38 | Nil | Nil | Nil | ETP Sludge-0.5 Kg/Day | ETP Sludge is used as a manure |

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

| Area-cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge GeoCode/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| Hathras | Hathras district is free fromFlood | - | - | - | - | - |

In its order dated July 13,July 2017, the NGT directed the identification and demarcation of the floodplains of the river ganga in segment B of phase 1 on a 25 year cycle. In a recent letter issued by chief engineer research & planning letter No. 152/CPR/ANIBAM/u-7/2024 officer of the chief engineer irrigation & water resource department Lucknow, dated 10/03/2024 in this letter, the hathras district is not listed as a sensitive and very sensitive area with respect to flooding. Therefore, the marking of flood lines through piller demarcation has not been carried out.

**6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones Plantation along the river bank in past three year and their survival percentage**

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | Proposed project | Timeline |
|---|---|---|---|
| Whole district hathras 2023 | 2417870 | 2417870 | July-august 2023 |
| Whole district hathras2024 | Tentative and will be done with the involvement of various departments | 2374760 | July-august 2024 |

| **Year** | **District name** | **River name** | **Number of plants planted** | **Survived plants** | **Survival percentage** |
|---|---|---|---|---|---|
| **2021-2022** | **hathras** | **---** | **---** | **--** | **--** |
| **2022-2023** | | **Karvan river** | **10000** | **9600** | **96** |
| **2022-2023** | | **From senger river to nurpur** | **10000** | **9600** | **96** |
| **2023-2024** | | **Karvan river** | **12500** | **12125** | **97** |
| **2023-2024** | | **Sengar river** | **12500** | **12125** | **97** |

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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| Mining & stone crushing activities is not done in District-Hathras | 0 | 0 | 0 | 0 | 0 |

**1. The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-**

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55)- in district ganga committee meeting held on 20/02/2024 all of the concerned DGC member were urged to provide their work report regarding ganga action plan in accordance with River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

## 2.1 Sewage Management

**District Hathras-Total Sewage Generation-**

| Nameof Towns | TotalSewage Generation (MLD) |
|---|---|
| NPP Hathras | 17.96 |
| NPP SikandraRao | 3.00 |
| NP Hasayan | 0.43 |
| NP Sahpau | 0.58 |
| NP Purdilnagar | 1.42 |
| NP Mursan | 0.89 |
| NP Sadabad | 2.67 |
| NP SASNI | 0.87 |
| NP Mendu | 0.94 |
| **Total** | **28.76** |

I. Existing Sewage Treatment Capacities : STP not insatlled in district- Hathras. 24 MLD STP is proposed at Hathras city.

II. Quantity of sewage is being treated (utilization capacity) :STP not insatlled in district- Hathras. 24 MLD STP is proposed at Hathras city.

III. Performance of STPs particularly for FC :STP not insatlled in district- Hathras. 24 MLD STP is proposed at Hathras city.

IV. Where treated sewage is being discharged (to Ganga or tributaries) :approxe-No STP not insatlled in district- Hathras. 24 MLD STP is proposed at Hathras city.

V. Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) : STP not insatlled in district- Hathras. 24 MLD STP is proposed at Hathras city.

VI. Current Gap in sewage treatment :28.76 MLD

VII. Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues : STP not insatlled in district- Hathras. 24 MLD STP is proposed at Hathras city.DPR is under review by NMCG.

VIII. Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries):28.76 MLD

| Name of Town | Total Sewage Generation (in MLD) | STP Installed/ Not Installesd | Name of Drain / River |
|---|---|---|---|
| Hathras (NPP) | 17.56 | STP Not Installed | HATHRAS DRAIN HATHRAS Karvan River Yamuna River |
| Mendu (NP) | 0.94 | STP Not Installed | LOCAL DRAIN, MENDU |
| Mursan (NP) | 0.89 | STP Not Installed | LOCAL DRAIN, MURSAN Karvan River Yamuna River |
| Purdilnagar (NP) | 1.42 | STP Not Installed | LOCAL DRAIN, PURDILNAGAR |
| Sadabad (NP) | 2.67 | STP Not Installed | LOCAL DRAIN, SADABAD Karvan River Yamuna River |
| Sahpau (NP) | 0.58 | STP Not Installed | LOCAL DRAIN, SAHPAU Karvan River Yamuna River |
| Sasni (NP) | 0.87 | STP Not Installed | LOCAL DRAIN, SASNI Hathras Drain Karvan River Yamuna River |
| Sikandrarao (NPP) | 3 | STP Not Installed | LOCAL DRAIN, SIKANDRARAU |

## 2.1 Drains joining Ganga and Tributary

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

| S.No. | Drain | Domestic/Industrial/Mixed | Flow (MLD) | Quality Discharge Parameters |
|---|---|---|---|---|
| 1 | Hathras Drain, Hathras | Mixed | 42.12 | pH-7.27, BOD-60.0 mg/ltr, COD-25.0 mg/ltr, TSS-640 mg/ltr, TDS-1460 mg/ltr |

.

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

(iii) Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs:
**STP not insatlled in district- Hathras. 24 MLD STP is proposed at Hathras city.DPR is under review by NMCG**.

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

**(i)** Status of Septage management (with reference to FSTP/STP):**32 MLD FSTP installed at Jalesar Road, Hathras**

(ii) Management of Grey water and its disposal:
Drains carrying greywater discharge in city and at village level. In the context of gram panchayat, an advance approach to managing grey water involves the construction of drainage system funded by both 15$^{th}$ finance commission and the 5$^{th}$ finance commission .these system guide grey water into designated ponds, aided by filter chamber installed at the end of drains through the swachhbharat mission(rural) phase-2 and finance commission funds. Additionaly soak pits are installed in hand pumps , schools, and household lacking drainage infrastructure further contributing to effective grey water management.

## 2.3 Industrial Pollution Control

**(i)** Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise):
**There is no any CETPs installed in District Hathras. Water Polluting Industries is installed individual ETP.**

| S. N. | Name of Industry | Production Sector- (Tannery, textile, Paper Metal, Oil, Food, Other) | Presence of ETP (Effluent Treatment Plant in Industries) | Type of Industry | Total Industrial Effluent Generation (KLD) | Total Capacity of Treatments facility and its utilization (KLD) | Final Discharging Points | Compliance status | Action Taken |
|---|---|---|---|---|---|---|---|---|---|
| 1 | M/s Alfa Milk Food Pvt. Ltd. A-1 to 7 UPSIDC Industrial Area, Salempur-Hathras | Milk Processing Unit | Yes | GPI | 400 KLD | ETP-Installed Capacity-500 KLD | Irrigation | Yes | **No** |
| 2 | M/s Mahan Milk Food Pvt. Ltd. Industrial Area, Salempur, Hathras | Milk Processing Unit | Yes | GPI | 300 KLD | ETP-Installed Capacity-500 KLD | Irrigation | **Yes** | **No** |
| 3 | M/s S.N. Milk Products Pvt. Ltd. Sasni, Hathras | Milk Processing Unit | Yes | GPI | 160 KLD | ETP-Installed Capacity-200 KLD | Irrigation | **Yes** | **No** |
| 4 | M/s S.N. Dairy Foods Pvt. Ltd. Ajroi Road, Sasni, Hathras | Milk Processing Unit | Yes | GPI | 300 KLD | ETP-Installed Capacity-500 KLD | Irrigation | **Yes** | **No** |
| 5 | M/s Anuj Carpet, Village-Kakrawali, Mathura Road, Mursan, District-Hathras. | Textile Unit | Yes | GPI | 20 KLD | ETP-Installed Capacity-50 KLD | Local Drain Karvan River Yamuna River | **Yes** | **No** |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 6 | M/s Krishna Sales Corporation, B-3, 4, 5, Industrial Estate, District-Hathras. | Textile Unit | Yes | GPI | 120 KLD | ETP-Installed Capacity-200 KLD | HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 7 | M/s Om International, D-1, Industrial Estate, District-Hathras. | Textile Unit | Yes | GPI | 20.0 | ETP-Installed Capacity-50 KLD | HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 8 | M/s Taxfab Industries, A-16, Industrial Estate, District-Hathras. | Textile Unit | Yes | GPI | 10 KLD | ETP-Installed Capacity-20 KLD | HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 9 | M/s Bansal Overseas, Village-Dayanatpur, Aligarh Road, hathras | Textile Unit | Yes | GPI | 15 KLD | ETP-Installed Capacity-50 KLD | HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 10 | M/s Kamakhya Enterprises, Kanau, Hathras | Saltpeter Unit | Yes | GPI | 4 KLD | ETP-Installed Capacity-10 KLD | Irrigation | **Yes** | **No** |
| 11 | M/s Kailash Group Of Industries, Station Road, Sasni ,Hathras | Saltpeter Refining Unit | Yes | Not GPI | 1.5 KLD | ETP-Installed Capacity-5 KLD | SasniDrain HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 12 | M/S BapuGramodhyogSevaSansthan, MayurVihar, Agra Road, BambaPul, Hathras | Food Product Unit | Yes | Not GPI | 4 KLD | ETP-Installed Capacity-5 KLD | HathrasDrain Karvan River Yamuna Rive | **No** | Notice issued |
| 13 | M/S GRTS Foods Pvt. Ltd., National Highway-93, Near ChaupalSagar, Aligarh | Food Product Unit | Yes | Not GPI | 38 KLD | ETP-Installed Capacity-50 KLD | Irrigation | **Yes** | **No** |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Road, Tehsil-Sasni, Distt. Hathras | | | | | | | | |
| 14 | M/S Hanuman Food Products, Chawar Gate, Hathras,Hathras,204101 | Food Product Unit | Yes | Not GPI | 3 KLD | ETP-Installed Capacity-5 KLD | HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 15 | M/S Mehra Agro Foods, Part Of 123ka, 123ba, Vill. Kalwari, Tahsil&Distt. Hathras | Food Product Unit | Yes | Not GPI | 6 KLD | ETP-Installed Capacity-10 KLD | HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 16 | M/S Mehra Foods, Vill. Ajroi, Tehsil Sasni, Distt. Hathras,Hathras, | Food Product Unit | Yes | Not GPI | 6 KLD | ETP-Installed Capacity-10 KLD | Irrigation | **Yes** | **No** |
| 17 | M/S Shree Ram Food Product, Jalesar Road, Sasni, Hathras,Hathras, | Food Product Unit | Yes | Not GPI | 3 KLD | ETP-Installed Capacity-5 KLD | SasniDrain HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 18 | M/S Shri Girraj Food Products, NaglaChaube, Dhakpura Road, Hathras | Food Product Unit | Yes | Not GPI | 3 KLD | ETP-Installed Capacity-5 KLD | HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 19 | M/S Shri RadhePetha Store, Khasra No-213/1, Khata No-141, Mauza-SasniDehat, Tehsil-Sasni, Hathras,Hathras, | Food Product Unit | Yes | Not GPI | 5 KLD | ETP-Installed Capacity-10 KLD | SasniDrain HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |
| 20 | M/S Tapovan Foods Pvt. Ltd. Rahana Road, Ruheri, Hathras | Food Product Unit | Yes | Not GPI | 10 KLD | ETP-Installed Capacity-15 KLD | Irrigation | **No** | Notice issued |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 21 | M/S Natraj Energy Pvt. Ltd. (Old Name-Apex Power), Village- Ruheri Road, Hathras | Battery Unit | Yes | Not GPI | 20 KLD | ETP-Installed Capacity-30 KLD | Irrigation | **Yes** | **No** |
| 22 | M/S AsthLaxmiAgrotechPvt. Ltd. Mehmoodpur, Barse, SasniHathras | Rice Mill | Yes | Not GPI | 10 KLD | ETP-Installed Capacity-15 KLD | Irrigation | **No** | Notice issued |
| 23 | M/S Shree Speciality Col Chem, Ajroi Road, Tehshil-Sasni, District- Hathras | Chemical Unit | Yes | Not GPI | 4 KLD | ETP-Installed Capacity-10 KLD | Irrigation | **Yes** | **No** |
| 24 | M/S Bharat Petrolium Corporation Ltd. L.P.G. Batling Plant, Indusrial Estate, Salempur, Hathras | LPG Storage Unit | Yes | Not GPI | 5 KLD | ETP-Installed Capacity-10 KLD | Irrigation | **Yes** | **No** |
| 25 | M/S MatrumalDhanna Mal Oil Mill (Unit-2) 03th Km. Stone Sasni, Iglas Road, NaglaGadhu, Sasni, Hathras | Solvent Extraction Unit | Yes | Not GPI | 20 KLD | ETP-Installed Capacity-30 KLD | Irrigation | **Yes** | **No** |
| 26 | M/S Excel PhosphatPvt.Ltd.,Plot No.B-16 To 17, UPSIDC, Industrial Area-Salempur, Hathras | Chemical Unit | Yes | Not GPI | 16 KLD | ETP-Installed Capacity-20 KLD | Irrigation | **Yes** | **No** |
| 27 | M/S G.M. Food Prodcut, Plot No-B-18, Salempur Industrial Area, Hathras | Food Product Unit | Yes | Not GPI | 8 KLD | ETP-Installed Capacity-10 KLD | Irrigation | **No** | Notice issued |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 28 | M/S AnanadManohar Food Product Pvt. Ltd. D-7, Industrial Area, Salempur, Tehsil-Sasni, Hathras | Food Product Unit | Yes | Not GPI | 1 KLD | ETP-Installed Capacity-5 KLD | Irrigation | **No** | Notice issued |
| 29 | M/s A.K. Agro Foods, Village-Chintapur, Behind MandiSamiti, Hathras | Food Product Unit | Yes | Not GPI | 3 KLD | ETP-Installed Capacity-5 KLD | HathrasDrain Karvan River Yamuna Rive | **Yes** | **No** |

**(3) Water quality status**

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

| S.no | Name of River/Tributary | DO (mg/ltr) | B.O.D | TC (MPN/ 100ml) | FC (MPN/ 100ml) |
|---|---|---|---|---|---|
| 1 | Karvan River | 3.6 mg/ltr | 54.0 mg/ltr | 5800000.0 | 4000000.0 |

**(4)** Notification of Flood Plain Zones: - In its order dated July 13,July 2017, the NGT directed the identification and demarcation of the floodplains of the river ganga in segment B of phase 1 on a 25 year cycle. In a recent letter issued by chief engineer research & planning letter No. 152/CPR/ANIBAM/u-7/2024 officer of the chief engineer irrigation & water resource department Lucknow, dated 10/03/2024 in this letter, the hathras district is not listed as a sensitive and very sensitive area with respect to flooding. Therefore, the marking of flood lines through piller demarcation has not been carried out.

**(5)** Issues relating to **Environmental Flow**:-since hathras district does not face flooding, the concept of ecological flow is not applicable in this region

**Best Practices:**

1. Online Continuous Effluent Quality Monitoring Stations are operated for continuous monitoring of the quality of effluent in milk processing units and textile units, which are connected to the Central Pollution Control Board and Uttar Pradesh Pollution Control Board.
2. Treated effluent from milk processing units is used for irrigation.
3. Inspections of water polluting industries are done at regular intervals by the Regional Office, Uttar Pradesh Pollution Control Board, Aligarh.
4. Water samples of Karvan River, Sasni Drain, Hathras Drain under District Hathras are collected weekly. The collected samples are tested in the laboratory of the Regional Office, Aligarh.
5. Action is taken against the units found defaulter as per rules.
6. At village level, grey water management entails construction of drainage system funded by finance commission directing water into ponds with filter chamber and installing soak pits in areas lacking drainage infrastructure.
7. Each year district achieves its plantation targets with the collaborative efforts of the district departments resulting in a very satisfactory survival percentage of the same.

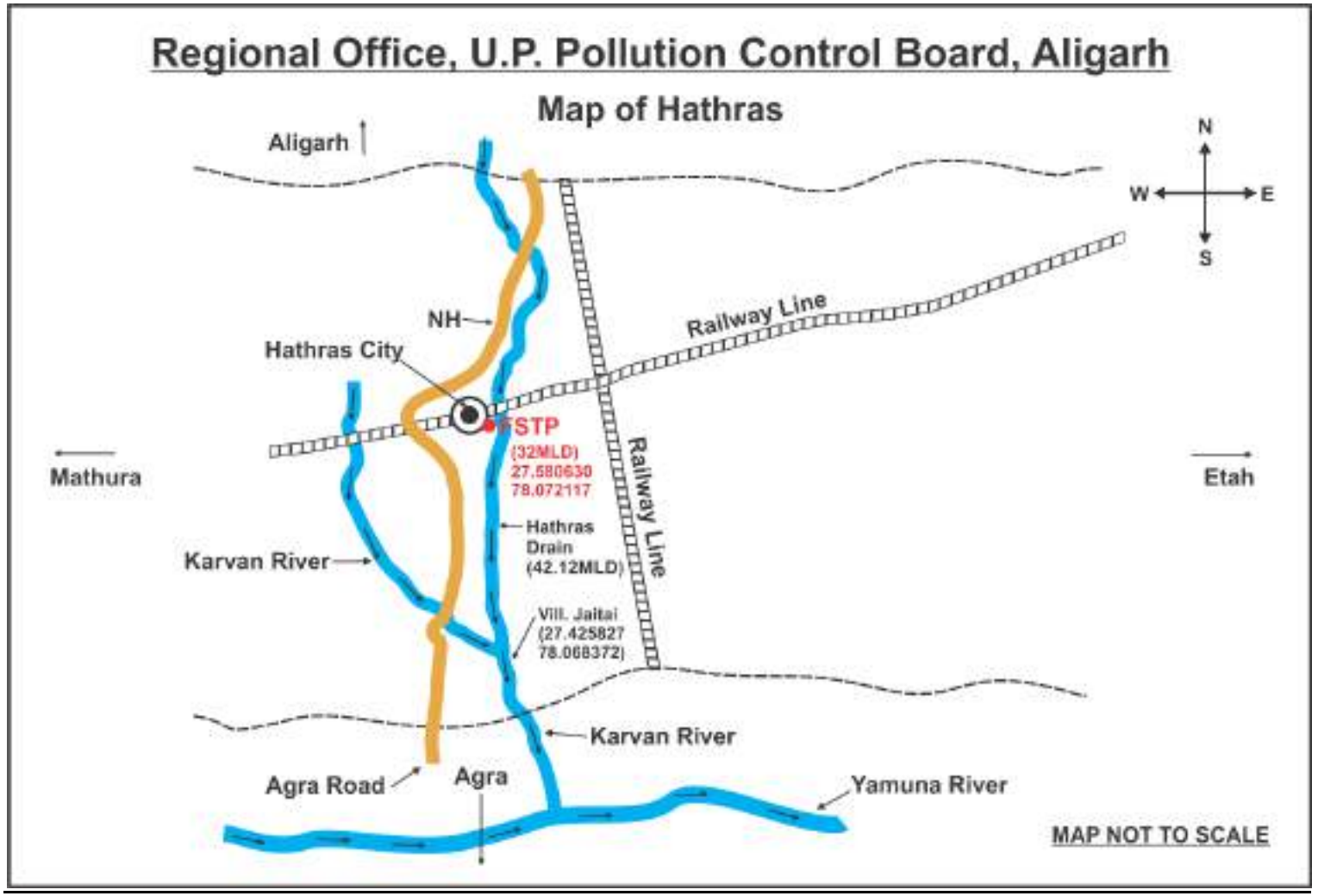
**The information is compiled by District Ganga Committee, Hathras after receiving the information from all the concerned departments.**

**Divisional Forest Officer**
**Member Convenor**
**District Ganga Committee,**
**Hathras.**

**Chief Development Officer,**
**Nodal Officer,**
**District Ganga Committee,**
**Hathras.**

**District Magistrate,**
**Chairman,**
**District Ganga Committee,**
**Hathras.**

**Hathras District Map**



**In compliance of Hon'ble NGT order dated24.01.2024**

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

सत्यमेव जयते

जल शक्ति मंत्रालय
MINISTRY OF
JAL SHAKTI

नमामि गंगे

# District Ganga Committee Report

## (New Format)

## Submitted By:

**DISTRICT GANGA COMMITTEE, JALAUN, UTTAR PRADESH**

## MC MEHTA *vs.* UNION OF INDIA (OA. NO. 200 OF 2014)

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| **1.** | **That STPs installed, are underutilized and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs.** | No such activities are being practiced. STPs have been proposed to treat sewage water that is being generated in Jalaun. |
| **2.** | **The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains.** | STPs have been Proposed to treat sewage water that is being generated in Jalaun. |
| **3.** | **the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location.** | STPs have been Proposed to treat sewage water that is being generated in Jalaun. |

<table>
<tr><td>4.</td><td>These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them.</td><td>There is no water-polluting industry based in Jalaun that discharges its effluent in the River Yamuna, Betwa, or Pahuj. ZLD systems need to be adopted by industries in the near future.</td></tr>
<tr><td>5.</td><td>We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geocoordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river.</td><td>
<table>
<tr><th>Drain (city/town)</th><th>Proposed STP Location and capacity</th><th>Outlet flow and geo code/ sample point</th><th>total per day discharge from the drain into river</th></tr>
<tr><td>1</td><td>2</td><td>3</td><td>4</td></tr>
<tr><td>Khatkiyana Drain, Orai Road, Jalaun</td><td>Village Pratappura Jalaun<br>Capacity 6.0 MLD</td><td>Lat 26.162743°<br>Long 79.326998°</td><td rowspan="9">Approx 20-25 MLD including all Drains of district Jalaun.<br>(Drain discharge may vary season to season)</td></tr>
<tr><td>Beri Road Drains Kadaura</td><td>GIC Inter College Kadaura<br>Capacity 1.60 MLD</td><td>Lat 25.982258°<br>Long 79.834553°</td></tr>
<tr><td>Bhaisa Nala, Tehsil Road, Kalpi</td><td>Rayad Road Taribulda Kalpi<br>Capacity 5.0 MLD</td><td>Lat : 26.110164°<br>Long 79.763681°</td></tr>
<tr><td>Gurasarai Road Drain, Kotra</td><td>Ward No. 04 Chhotimata Kotra<br>Capacity 0.80 MLD</td><td>Lat :25.802847°<br>Long :79.305789°</td></tr>
<tr><td>Malviya Nagar Drain, Madhogarh</td><td>Migani Madhogarh<br>Capacity 1.30 MLD</td><td>Lat :26.301341°<br>Long :79.151041°</td></tr>
<tr><td>Konch Road, Nadigaon</td><td>Nadigaon town near the bus stand<br>Capacity 0.80 MLD</td><td>Lat :26.009422°<br>Long :79.171691°</td></tr>
<tr><td>Bagura Drain, Orai</td><td>Location not finalized yet<br>Capacity 16.47 MLD</td><td>25°59'48.43"N<br>79°27'14.10"E</td></tr>
<tr><td>Rampura Drain, Rampura</td><td>Rampura Drain, Near Bhairav Puliya<br>Capacity 1.30 MLD</td><td>Lat :26.351025°<br>Long :79.176788°</td></tr>
</table>
</td></tr>
</table>

| | | | | | |
|---|---|---|---|---|---|
| | | Ganda Nala Near Gaushal, Umari | Bahrai Umari Capacity 1.0 MLD | Lat :26.351025° Long :79.176788° | |
| | | Badal Drain, Mukhiya GhardenKonch Road, Ait | Next to MRF Ait Capacity 1.5 MLD | Lat :25.896958° Long :79.242172° | |
| | | Malanga Nala, Madhogarh Road, Konch, | Village Pachipura Bujurg Konch Capacity 6.0 MLD | Lat :26.009422° Long :79.171691° | |

**6.** **Mention heavy metals analysis in respect of discharge from each of the drain in the report.**

| Drain (city/town) | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Zn | Fe | Pb | Cn | Cr | Mn | As | Hg |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Khatkiyana Drain, Orai Road, Jalaun | 0.0572 | 1.3697 | 0.713 | 0.4097 | ND | 0.1967 | 0.003 | ND |
| Beri Road Drains Kadaura | 0.2 | 3.9283 | 0.0713 | 1.021 | ND | 0.2472 | 0.005 | ND |
| Bhaisa Nala, Tehsil Road, Kalpi | 0.2022 | 5.2076 | 0.1307 | 0.315 | ND | 0.2752 | 0.006 | ND |
| Gurasarai Road Drain, Kotra | 0.0679 | 0.8757 | 0.1307 | 0.1084 | ND | 0.1967 | 0.004 | ND |
| Malviya Nagar Drain, Madhogarh | 0.465 | 1.0024 | 0.0713 | 0.0826 | ND | 0.1911 | 0.002 | ND |
| Konch Road, Nadigaon | 0.1 | 1.395 | 0.0713 | 0.4614 | ND | 0.1911 | 0.003 | ND |
| Bagura Drain, Orai | 0.0679 | 1.3444 | 0.713 | 0.1687 | ND | 0.2416 | 0.007 | ND |
| Rampura Drain, Rampura | 0.3418 | 8.3995 | 0.1902 | 0.9263 | ND | 0.7461 | 0.006 | ND |
| Ganda Nala Near | 0.0653 | 1.1417 | 0.0713 | 0.6508 | ND | 0.1855 | 0.003 | ND |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Gaushal, Umari | | | | | | | | |
| | | Badal Drain, Mukhiya GhardenKonch Road, Ait | 0.0438 | 1.205 | 0.0119 | 0.3839 | ND | 0.2472 | 0.004 | ND |
| | | Malanga Nala, Madhogarh Road, Konch, | 0.1378 | 0.635 | 0.0119 | 0.229 | ND | 0.1687 | 0.004 | ND |

**Divisional Forest Officer**
**Member Convener**
District Ganga Committee, Jalaun

## 1- Sewage

| Drain (city/town) | Total drain capacity | pH | BOD (mg/l) | COD (mg/l) | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | | | | | | | | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Zn | Fe | Pb | Cn | Cr | Mn | As | Hg | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Khatkiyana Drain, Orai Road, Jalaun | 6 MLD Approx | 7.44 | 102.5 | 361 | 0.0572 | 1.3697 | 0.7130 | 0.4097 | ND | 0.1967 | 0.0030 | ND | 0.82 | 79000 | 33000 | Lat 26.162743° Long 79.326998° | Yellowish (Foul) | Throughout the year only Bhaisa Nala, Tehsil Road, Kalpi and Malanga Nala, Madhogarh Road, Konch discharged into River Yamuna. |
| Beri Road Drains Kadaura | 1.6 MLD Approx | 7.75 | 65 | 228 | 0.2000 | 3.9283 | 0.0713 | 1.0210 | ND | 0.2472 | 0.0050 | ND | 2.4 | 790000 | 330000 | Lat 25.982258° Long 79.834553° | Black (Foul) | |
| Bhaisa Nala, Tehsil Road, Kalpi | 5.0 MLD Approx | 7.71 | 122.5 | 437 | 0.2022 | 5.2076 | 0.1307 | 0.3150 | ND | 0.2752 | 0.0060 | ND | 0 | 49000 | 23000 | Lat : 26.110164° Long 79.763681° | Black (Foul) | |
| Gurasarai Road Drain, Kotra | 0.8 MLD Approx | 8.23 | 90 | 323 | 0.0679 | 0.8757 | 0.1307 | 0.1084 | ND | 0.1967 | 0.0040 | ND | 1.28 | 130000 | 79000 | Lat :25.802847° Long :79.305789° | Black (Foul) | |
| Malviya Nagar Drain, Madhogarh | 1.30 MLD Approx | 7.71 | 85 | 304 | 0.4650 | 1.0024 | 0.0713 | 0.0826 | ND | 0.1911 | 0.0020 | ND | 1.1 | 170000 | 79000 | Lat :26.301341° Long :79.151041° | Black (Foul) | |
| Konch Road, Nadigaon | 0.80 MLD Approx | 7.75 | 95 | 342 | 0.1000 | 1.3950 | 0.0713 | 0.4614 | ND | 0.1911 | 0.0030 | ND | 1.2 | 79000 | 33000 | Lat :26.009422° Long :79.171691° | Yellowish (Foul) | |
| Bagura Drain, Orai | 6.0 MLD Approx | 7.66 | 112.5 | 339 | 0.0679 | 1.3444 | 0.7130 | 0.1687 | ND | 0.2416 | 0.0070 | ND | 1.93 | 130000 | 790000 | 25°59'48.43"N 79°27'14.10"E | Black (Foul) | |
| Rampura Drain, Rampura | 1.30 MLD Approx | 7.45 | 102.5 | 361 | 0.3418 | 8.3995 | 0.1902 | 0.9263 | ND | 0.7461 | 0.0060 | ND | 1.65 | 70000 | 49000 | Lat :26.351025° Long :79.176788° | Yellowish (Foul) | |
| Ganda Nala Near Gaushal, Umari | 1.0 MLD Approx | 7.64 | 107.5 | 380 | 0.0653 | 1.1417 | 0.0713 | 0.6508 | ND | 0.1855 | 0.0030 | ND | 1.47 | 170000 | 78000 | Lat :26.351025° Long :79.176788° | Black (Foul) | |
| Badal Drain, Mukhiya Gharden Konch Road, Ait | 1.50 MLD Approx | 7.77 | 117.5 | 418 | 0.0438 | 1.2050 | 0.0119 | 0.3839 | ND | 0.2472 | 0.0040 | ND | 0 | 490000 | 230000 | Lat :25.896958° Long :79.242172° | Grey (Foul) | |

| Drain (city/town) | Total drain capacity | pH | BOD (mg/l) | COD (mg/l) | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | | | | | | | | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Zn | Fe | Pb | Cn | Cr | Mn | As | Hg | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Malanga Nala, Madhogarh Road, Konch | 6.0 MLD Approx | 7.67 | 285 | 80 | 0.1378 | 0.6350 | 0.0119 | 0.2290 | ND | 0.1687 | 0.0040 | ND | 1.4 | 17000 | 79000 | Lat :26.009422° Long :79.171691° | Grey (Foul) | |

**Note:** Sewage analysis data is provided by Regional Office, UP Pollution Control Board, Jhansi. Date of sample inspection is 27.03.2024. ND = Not Detected.

## 2. STP for treating the sewage of the drains ultimately flowing to river ganga or its tributaries

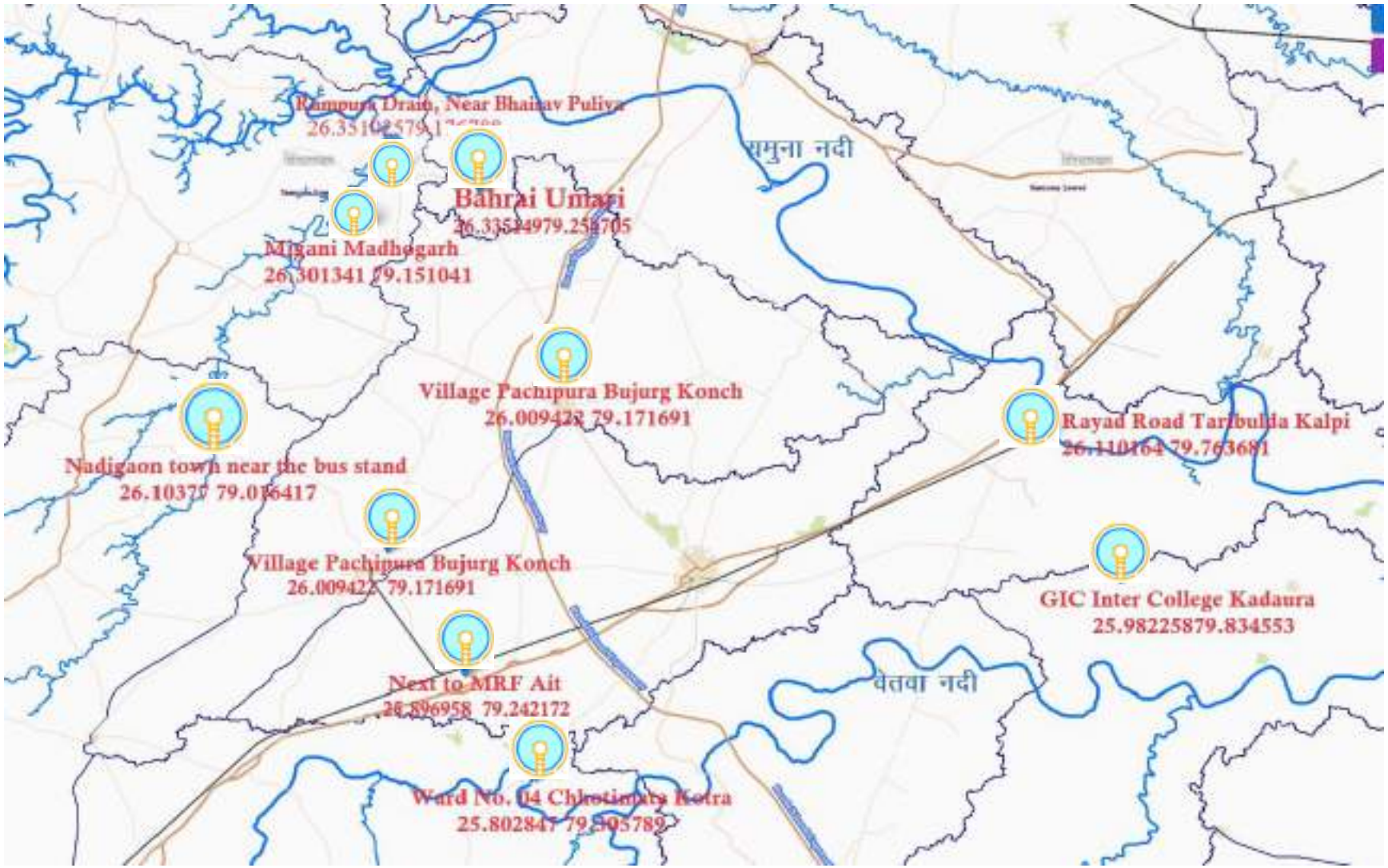
| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| **Note:** No STP installed or commissioned in District Jalaun. STPs are proposed under AMRUT 2.0 and Swachch Bharat Mission 2.0. Approval is awaited. | | | | | | |

### 2.1 STP ADDITIONAL INFORMATION

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| **Note:** No STP installed or Commissioned in the District Jalaun. STPs are proposed under AMRUT 2.0 and Swachch Bharat Mission 2.0. Approval is awaited. | | | | |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/ Outlet Water & quality quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP With completion date | Remark |
|---|---|---|---|---|---|---|---|
| Rayad Road Taribulda (Under NPP Kalpi) | 5.0 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat : 26.110164° Long :79.763681° | 2026 | The estimate is sent to SBM Directorate. |
| Village Pratap pura(Under NPP Jalaun) | 6.0 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat :26.162743° Long :79.326998° | 2026 | Detailed estimation variance work in progress |
| Village Pachipura Bujurg (Under NPP Konch) | 6.0 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat :26.009422° Long :79.171691° | 2026 | The estimate is sent to SBM Directorate. |
| Near GIC Inter College (Under NP Kadaura) | 1.60 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat :25.982258° Long :79.834553° | 2026 | The estimate has been sent to Jal Nigam Headquarters |
| Next to MRF (Materials Recovery Facility) (Under NP Ait) | 1.50 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat :25.896958° Long :79.242172° | 2026 | Detailed estimation variance work in progress |
| Ward No. 04 Chhotimata (Under NP Kotra) | 0.80 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat :25.802847° Long :79.305789° | 2026 | The estimate has been sent to Jal Nigam Headquarters. |
| Rampura Drain, Near BhairavPuliya (Under NP Rampura) | 1.30 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat :26.351025° Long :79.176788° | 2026 | Detailed estimation variance work in progress. |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/ Outlet Water & quality quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP With completion date | Remark |
|---|---|---|---|---|---|---|---|
| Migani (Under NP Madhaugarh) | 1.30 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat :26.301341° Long :79.151041° | 2026 | Detailed estimation variance work in progress |
| Bahrai (Under NP Umari) | 1.0 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat :26.335149° Long :79.254705° | 2026 | Detailed estimation variance work in progress |
| Nadigaon town near the bus stand (Under NP Nadigaon) | 0.80 MLD | After installation of facility | 1 drain to be tapped | After installation of facility, No Gap | Lat :26.10377° Long :79.016417° | 2026 | Detailed estimation variance work in progress |
| Location not finalized yet (Under NPP Orai ) | 40 MLD | 40 MLD STP Project DPR submitted under AMRUT 2.0 by NPP Orai. | | | | 2026 | Approval is awaited. |




**Proposed STP Locations: Hydrological Map (Bhuvan App)**

**3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries**

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| 02<br><br>1- Shyama Sarovar Portiko, Jhansi Road, Orai<br><br>2- Hotel Jaiswal Tower, Orai | CTO-01 | 1 | Drain | 01 Notice Issue |

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

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis(outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| Hindustan Unilever Ltd, A-1, UPSIDC Industrial Area Orai, Lat-26.011869 & Long-79.487384 | Approx 10.0 KLD | ETP | Within Norms | No Gap | ETP Already Exist, no project proposed | No defaulting Units | Not Accessed | No TSDF Available |
| Nafsul Traders, Bypass Road, Kalpi Lat-26.12057 & Long-79.74703 | Approx 2.0 KLD | ETP | Within Norms | No Gap | ETP Already Exist, no project proposed | No defaulting Units | Not Accessed | No TSDF Available |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Agrawal Waste Paper Merchant,126, Village- Rahaiya, Tehsil- Orai Lat-26.010888 & Long-79.492136 | Approx 200.0 Liter | ETP | Within Norms | No Gap | ETP Already Exist, no project proposed | No defaulting Units | Not Accessed | No TSDF Available |
| Urvashi Synthetic processor Pvt Ltd, A-4 UPSIDC Industrial Area, Orai Lat-26.0083682 & Long-79.4856320 | Approx 100.0 KLD | ETP | Within Norms | No Gap | ETP Already Exist, no project proposed | No defaulting Units | Not Accessed | No TSDF Available |
| Kashiram Medical College Orai Lat-26.053900 & Long-79.472030 | Approx 597.0 KLD | ETP | Within Norms | No Gap | ETP Already Exist, no project proposed | No defaulting Units | Not Accessed | No TSDF Available |

**Note:** None of the above industries of district Jalaun discharging their Effluent into river Ganga or its tributaries.

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

| Area-cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge Geo Code/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| A committee is formed under the order of Chief Engineer Betwa letter No. 4938 C.E.B./N.G.T/ Dated. 11/09/2023 2676 & C.E.B./Environment dated 24 july 2021 for the preparation and execution of project of regulatory pillars and No development pillars along the river. In the above order of chief engineer betwa flood plain zoon has been decided 100 M from the river edge on both side ofriver. After sanction of fund on the above mentioned project construction of no development zone pillar and regulatory pillar will be started. | | | | | As Per order of Chief Engineer Betwa letter No-2676 & C.E.B./Environment dated. 01.03.2021 flood plain zone has been decided as follow - (a) Area between the marginal bund if there is already marginal Bund available . (b) if no marginal bund is available then area between edge of river and 100 m from the edge of river. | |

**6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones**

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | | | Proposed project | Timeline |
|---|---|---|---|---|---|
| District-Jalaun | Total Plantation- **5156050** | | | Completed | July –August 23 |
| | Plantation done in Forest Ranges: | | | | |
| Jalaun Range | **448300,** | 26° 07.845 | 79°35.120 | | |
| Madhogarh Range | **488150,** | 26° 24.849 | 79°07.715 | | |
| Ait Range | **847200,** | 25° 47.520 | 79°20.210 | | |
| Konch Range | **853950,** | 26° 02.40.7 | 78°59.20.9 | | |
| Kadaura Range | **580000,** | 26° 04.498 | 79°46.050 | | |
| Kalpi Range | **815150,** | 26° 07.899 | 79°43.252 | | |
| Niyamatpur Range | **339300,** | 26°19.761 | 79°31.691 | | |
| Orai Range | **784000,** | 25° 55.438 | 79°31.218 | | |

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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| Active 15 | 6 | 1349<br>(E- Challan) | 60548510 | 0 | When cases of illegal mining, mining from water levels, and damage to the environment come to light, action is taken as per the rules under the Uttar Pradesh Sub-Mineral Avoidance Rules 2021. |

# Compliance of Hon'ble NGT order
# Date 24-01-2024
# In
# O.A. 200/2014 MC Mehta *Vs* UOI and Ors

## 1. District Ganga Protection Plan at City/ Town Level, Jalaun

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (Para 6 and 55).

**2. Contents of the Action Plan**
**(Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**2.1 Sewage Management**

(i) Total Sewage generation (for entire District and individual town wise): **67.95 MLD**

| Name of ULB | Total Sewage Generation (MLD) |
|---|---|
| Nagar Palika Parishad, Jalaun | 6.23 |
| Nagar Palika Parishad, Orai | 40.0 |
| Nagar Palika Parishad, Kalpi | 7.12 |
| Nagar Palika Parishad, Konch | 6.47 |
| Nagar Panchyat, Kotra | 1.5 |
| Nagar Panchyat, Umari | 1.03 |
| Nagar Panchyat, Kadaura | 1.60 |
| Nagar Panchyat, Ait | 2.0 |
| Nagar Panchyat, Madhaugarh | 2 .0 |
| Nagar Panchyat, Rampura | 1.30 |
| Nagar Panchyat, Nadigaon | 1.03 |

(ii) **Existing Sewage Treatment Capacities :**

No STP installed or Commissioned in the District Jalaun. STP proposed under AMRUT 2.0 and Swachch Bharat Mission 2.0. Approval is awaited.

(iii) **Quantity of sewage is being treated (utilization capacity):**

No sewage treated, as there is no STP.

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

After Commissioning facility, STPs performance will be checked for FC.

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

River Yamuna, Betwa and Pahuj

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

Septic Tank are being utilized

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

100% Gap

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

STP proposed under AMRUT 2.0 and Swachch Bharat Mission 2.0. Approval is awaited. Tentative time bound plan is as follows-

| Plan | Tentative Timeline |
|---|---|
| STPs Proposal | 2023 |
| STPs consideration/ financial arrangements | 2024-2025 |
| STPs installation/ Commissioning/ Operational | 2026-2027 |

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

Most of the drains do not join district rivers as discharge in open ravines of this Bundelkhand region and dried up with due course of times. Remaining drains where STP is in proposal stage discharged untreated sewage in River Yamuna, Betwa & River Pahuj.

**2.2 Drains Joining Ganga and Its Tributary**

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

| Drain | Domestic/Industrial /Mixed | Flow | Quality Discharge Parameters |
|---|---|---|---|
| Bhaisa Nala, Tehsil Road, Kalpi Jalaun<br>Lat : 26.110164°<br>Long 79.763681° | Domestic | 4.66 MLD | pH- 7.81<br>BOD- 84.0, COD -350.4<br>TSS –122.0 |
| Malanga Nala, Madhogarh Road, Konch, Jalaun<br>Lat :26.009422°<br>Long :79.171691° | Domestic | 5.80 MLD | pH- 7.71<br>BOD- 78.0, COD -259.2<br>TSS – 91.0 |

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

No such Drains

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

All drains are tapped. Once STPs installed there will be no gap in Sewage treatment

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

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

32 KLD FSTP installed & operational in Nagar Pallika Parishad, Orai. Septic Tank & Soak pits utilized in households. Nagar Palika Parishad Jalaun, Konch, Kalpi, Ait, Kadaura have contract with Nagar Pallika Parishad, Orai for Fecal Sludge Treatment. Deep Row Entrenchment (DRE) Used in NP Rampura Umari Madhaugarh,Kotra,Nadigaon for Septage Management.

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

All major drains of the city carry greywater discharge. Most of such drains are tapped and tapping work is in progress.

**2.4 Industrial Pollution Control**

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

| Total number of Industries | Production Sector (Tannery, Textile, Metal, Oil, Food, Other) | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | Final Discharge Point | Complience Status |
|---|---|---|---|---|---|---|
| Hindustan Unilever Ltd, A-1, UPSIDC Industrial Area Orai, | Soap & Detergents | Approx 10.0 KLD | ETP | Within Norms | Use in land for Gardening | Yes |
| Nafsul Traders, Bypass Road, Kalpi | Traders | Approx 2.0 KLD | ETP | Within Norms | Recycling | Yes |
| Agrawal Waste Paper Merchant,126, Village- Rahaiya, Tehsil- Orai | Traders | Approx 200.0 Liter | ETP | Within Norms | Recycling | Yes |
| Urvashi Synthetic processor Pvt Ltd, A-4 UPSIDC Industrial Area, Orai | Dying Unit | Approx 100.0 KLD | ETP | Within Norms | Industrial Drain | Yes |

**(3) Water quality status**

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

| Name of the River **: River Yamuna**<br>Site of Sample Collection**: Kalpi** | | | |
|---|---|---|---|
| | | **Upper Stream (U/S)** | **Down Steam (D/S)** |
| **S.N.** | **Parameter's** | **Value** | **Value** |
| 1. | Color | Colorless | Colorless |
| 2. | Odour | Odorless | Odorless |
| 3. | pH | 7.50 | 7.80 |
| 4. | Electrical Conductance | 739.00 | 743 |
| 5. | Dissolved Oxygen | 6.50 | 6.50 |
| 6. | Ca Hardness ($CaCO_3$) | 210.0 | 235.0 |
| 7. | Mg Hardness ($CaCO_3$) | 95.0 | 95.0 |
| 8. | Total Hardness ($CaCO_3$) | 305.0 | 330.0 |
| 9. | Total Dissolved Solids | 519.00 | 535.00 |
| 10. | Chloride | 75.00 | 75.00 |
| 11. | Biochemical Oxygen Demand | 4.20 | 4.60 |
| 12. | Chemical Oxygen Demand | 22.00 | 30.00 |

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

**5. Issues relating to Environmental Flow:** Identifying Critical Components of the Flow regime that govern the environmental Conditions (e.g. Dry and wet season base flows, and different sized high flows and floods) is needed to be done. Water levels of the river during the dry season monitored and river water quality during dry season is monitored as Good. Lists of 02 dams with total capacity and minimum water level have been attached.

| S.No. | NAME OF DAM | RIVER | DESIGN CAPACITY (MCM) | MINIMUM WATER LEVEL (MCM) |
|---|---|---|---|---|
| 1 | Matatila | Betwa | 641.06 | 78.48 |
| 2 | Parichha | Betwa | 78.76 | 60.00 |

## Best Practices

- 70 Ganga Gram Sewa Samiti were formed at near river bank villages.
- River Yamuna and Betwa Aarti being performed weekly
- Noon rejuvenation has been a great success in river rejuvenation by the efforts made by district administration, Jalaun.

  Small check dams/Pakka dams/Bandis are being constructed to restore soil moisture in by the District Forest Department, Jalaun.
- Ecotourism activities have been promoted at sala ghat, kila ghat &pachnada ghat.
- Ganga Swachchta Pakhwada, Har Ghar Har Ghat Tirnga, Ganga Aarti by nearby village, Plastic aggregation and Mass sensitization for Pollution abatement.
- Phyto-remediation of 2 drains has been installed for treatment of BOD before meeting the rivers in NP Kotra.
- Swachhta Pakhwada is being organized to promote awareness about the need to keep the drains clean and not throw plastic and solid waste in the drains /water bodies.
- Yellow spot cleanness drives, Swachchta Ke Liye Shramdan &Mahasafai Abhiyan have been organized.
- To imbibe the cultural and religious connection with rivers, Kila Ghats Kalpi at River Yamuna and Sala Ghat, Ait at River Betwa have been best place for celebration of local activities and festivals. In Jalaun, Town Kalpi has deep religious connect with River Yamuna. Kalpi is considered by some as the birth place of Ved Vyas, the author of Mahabharata.Kalpi is also famous for Hand Made Paper (GI Tagged).
- To stop irregular and illegal mining, the following action is being taken from the district level-

  1- Geo-tagging of approved/executed mining lease has been done.

  2- PTZ camera has been installed at the mining lease site to monitor the operation of the mining lease.

  3- Without obtaining environmental sanitation certificate, Permission to carry out mining work is not granted.

  4- A task force team has been formed for effective action and prevention of illegal mining/transport, through which the mining areas are inspected regularly
- The total forest covered area of Jalaun is 25693.35 hectare (ha), out of which reserved forest and unclassified forest is 18530.73 ha and 7108.62 ha respectively.

**Source of Information:** Information and data have been collection in prescribed format in order to comply with hon'ble NGT order. For that matter, District Ganga Committee meeting was organized on 27-02-2024 under the chairmanship of District magistrate and directions were given to related department to furnishing formation in prescribed format.

**Disclaimer:** The data used in this report was collected from related departments and final report is compiled by Dr. Neeraj K Verma JRF, District Environment Committee Jalaun. The data is applicable only at present scenario. Data may vary with due course of time. Therefore, it is recommended that all its relevant aspects can be taken into consideration to comply Hon'ble NGT order dated 11.09.2023 in O.A. 200/2014 MC Mehta Vs UOI and Ors.

**Concluding remarks:** Rives are one of the main driving forces of any economy; their rejuvenation and regular monitoring are essentially important. The conservation of our precious water resources is need of the hour.

**Divisional Forest Officer**
**Member Convener**
District Ganga Committee, Jalaun

**District Magistrate**
**Chairperson**
District Ganga Committee, Jalaun




**Reference Map District Jalaun**

जल शक्ति मंत्रालय
MINISTRY OF
JAL SHAKTI

# In compliance of Hon'ble NGT order

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

## District Ganga Committee Report

**Submitted by**

**DISTRICT GANGA COMMITTEE, KASGANJ, UTTAR PRADESH**

**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014)**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

District-Kasganj

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| 1. | That STPs installed, are underutilised and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs. | STP of 15 MLD capacity is operated for Kasganj city. Approx . 12.76 MLD sewage is generated from Kasganj city, which is treated through STP and used for land irrigation. |
| 2. | The quantification and estimation of sewage entering to each STP through sewer network or through interception and diversion of drains. | 12.76 MLD through Sewage Network |
| 3. | the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | 12.76 MLD through Sewage in 15 MLD Capacity STP<br>Geo coordinates 27.791187, 78.638125 |
| 4. | These identified industries should be imposed with the Consent conditions to adopt ZLD system or maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them. | Consent (water/air) is given by the U.P. Pollution Control Board, Lucknow with the condition of M/s Sterling Agro Industries Ltd, Kasganj- **The unit shall recycle/reused the treated effluent into the process/other uses such as gardening etc. upto maximum and action plan submitted within one month.**<br>M/s Shervani Sugar Syndicate Limited Neoli Sugar Factory, Manpur Nagariya , Post Neoli Kasganj- **Industry shall ensure proper maintenance and effective continuous operation of ETP and the treated effluent shall be used only for irrigation purpose** |
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | 12.76 MLD Treated effluent discharge into river kali through Sewage in 15 MLD Capacity STP<br>Geo coordinates 27.791187, 78.638125<br><br>**Outlet**<br><br>pH-7.38, BOD-20 mg/l, COD-110 mg/l, TSS-80 mg/l |
| 6. | mention heavy metals analysis in respect of discharge from each of the drain in the report. | **Kasganj/Amapur/Nadrai Drain:**<br>Total Chromium-1.0077 mg/l ,Copper-0.6400 mg/l, lead-0.2137 mg/l, lron-10.1445 mg/l, Zinc-5.4692 mg/l, Maganese-0.4692 mg/l, arsenic-ND, Mercury-ND<br>**Salai/Hanauti Drain:**<br>Total Chromium-0.2081 mg/l ,Copper-0.0871 mg/l, lead-ND, lron-1.5323 mg/l, Zinc-0.7698 mg/l, Maganese-0.1589 mg/l, arsenic-ND, Mercury-ND |

**1. Sewage**

| Drain (city/ town) | Total drain capacity | Generation / day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | DO Raw siver | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kasganj/Amapur Drain/ Nadrai Gate Drain | 12.76 MLD | 12.76 MLD | 7.88 | 190 | 382 | 400 | - | Total Chromium-1.0077 mg/l ,Copper-0.6400 mg/l, lead-0.2137 mg/l, Iron-10.1445 mg/l, Zinc-5.4692 mg/l, Maganese-0.4692 mg/l, arsenic-ND, Mercury-ND | 00 | Sample has been collected for analysis report is awaited | | 12.76 MLD 27.788625, 78.640229 | Blackish/Unpleasent | STP to Kali river |
| Salai Drain/ Hanauti Drain | 2.0 MLD | 0.77 MLD | 7.31 | 128 | 296 | 400 | 7.31 | Total Chromium-0.2081 mg/l ,Copper-0.0871 mg/l, lead-ND, Iron-1.5323 mg/l, Zinc-0.7698 mg/l, Maganese-0.1589 mg/l, arsenic-ND, Mercury-ND | 0.0 | | | 0.77 MLD | Blackish/Unpleasent | Untraped |

The above information is to be submitted on the basis of end point sample analysis of the concerned drain

**2. STP for treating the sewage of the drains ultimately flowing to river ganga or its tributaries**

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| STP Bankner Kasganj | 15 MLD | As per NMCG/NGT 12.76MLD | 02 (12.76 MLD) | 0.00 | STP to Kali river | Presently there is no any proposal for new STP in district-Kasganj |

**2.1 STP ADDITIONAL INFORMATION**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| Nadri | 15 MLD | 27.791008, 78.638281 | 12.76 | 12.76 MLD into Kali River |
| Amanpur | | 27.80068, 78.652148 | | |

### 3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries

| Number of Hotels | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| M/s Taj Marriage Home, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Krishna Palace, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s S.S Green, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Munnlal Sarin, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Prabhat Lodge, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Harikamal Palace, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Shriram Guest House, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Ganga Palace, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Kanhaiyalal Marriage Home, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Agarwal Sadan, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Marwari Dharamshala, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Pannalal Kasare, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Hotel Fort View, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Golden Garden, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Girraj Paisel, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s UK Garden, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s Siddvinayak Marriage Home, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |
| M/s hospitality hotel, Kasganj | No CTE/ CTO issued | Not Installed | Local Drain | Notice issued |

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

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| M/s Sarvani Sugar Ltd (old Name- Neoli Sugar Industriy, Neoli, Kasganj | 500 KLD | ETP-Installed Capacity-500 KLD | BOD-28.0 mg/Ltr, COD-240.0 mg/ltr, TSS-48. mg/ltr & pH-7.9 | Nil | Nil | Nil | Used lubricant oi-0.22 Ton/Year, empty barrels/containers /liners Contaminated with hazardous chemicals/wastes-0.03 Ton/day, waste or residues containing oil-0.03 Ton/Year, spent ion exchange resin containing toxic metals-0.03 Ton/Year | These wastes are disposed by TSDF |
| M/s Sterling agro Industrties ltd, Village-Bihauna, Kasganj | 500 KLD | ETP-Installed Capacity-1000 KLD | BOD-25.0 mg/Ltr, COD-132.0 mg/ltr, TSS-43. mg/ltr & pH-7.46 | Nil | Nil | Nil | Not Applied | Notice issued |

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

| Area- cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge GeoCode/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| Kasganj | -- | 421 | 512 | Na | Na | Na |

**6. Afforestation/ Plantation**

| Area- cities/ towns | Total plantation | Proposed project | Timeline |
|---|---|---|---|
| Kasganj | Total target 585000 plant | ASW/Nursery Plantation | July-Aug-2024 |

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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| Nil | 09 | 104 | 31.67 | 00 | Implement |

# Complience of Honble NGT Order

# Dated 24.11.2023

# In

# OA 200/2014 MC Mehta Vs UOI and Ors

# District- kashganj

1. The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).District level Ganga Samiti Consititute by DFO for Montly basis meeting on the chairmainship of District Magistrate.

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**2.1 Sewage Management**

(i) Sewage generation (for entire District and individual town wise): Amanpur/kasganj, Nadri drains- 12.76 MLD

(ii) Existing Sewage Treatment Capacities : 15 MLD STP

(iii) Quantity of sewage is being treated (utilization capacity) : 12.76 MLD Average.

(iv) Performance of STPs particularly for FC : STP 15MLD (Bakner)

| PH | BOD | COD | TSS | DO | TC | FC |
|---|---|---|---|---|---|---|
| 7.41 | 22.0 mg/l | 108.0 mg/l | 87.0 mg/l | 4.5 mg/l | 1600.0 mpn | 920.0 mpn |

(v) Where treated sewage is being discharged (to Ganga or tributaries) : Ganga River.

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

(vii) Current Gap in sewage treatment : 0.0

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

(ix) Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries): there is no any ganga tributary near NP, NPP. Untreated sewage use in irrigation purpose by local peoples.

**2.2 Drains joining Ganga and Tributary**

(i) Number of drains carrying sewage- sullage or industrial waste water joining Ganga/ tributaries with their Quantity and Quality: Kasganj/Amapur Drain/ Nadrai Gate Drain, both are the mixed drain discharge point of both the drain is into kali river.

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

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

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

(i) Status of Septage management (with reference to FSTP/STP): No proposal

(ii) Management of Grey water and its disposal:

**2.4 Industrial Pollution Control**

(i) Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise): **there is no any CETPs installed in District Kasganj. Water Polluting Industries is installed individual ETP**

**(3) Water quality status**

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

| S.no | Date | Sample collection Point | Coluor (hazen) | smal | pH | DO (mg/l) | BOD (mg/l) | COD (mg/l) | DS( mg/l ) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 01.01.2024 | Kall River, Nadrai Gate, kasganj | 30 | Odourless | 7.46 | 6.4 | 12 | 40 | 770 |
| 2 | 08.01.2024 | Kall River, Nadrai Gate, kasganj | 20 | Odourless | 7.44 | 6.0 | 16 | 54 | 798 |
| 3 | 15.01.2024 | Kall River, Nadrai Gate, kasganj | 20 | Odourless | 7.42 | 6.2 | 14 | 50 | 802 |
| 4 | 22.01.2024 | Kall River, Nadrai Gate, kasganj | 20 | Odourless | 7.52 | 6.4 | 12 | 42 | 772 |
| 5 | 29.01.2024 | Kall River, Nadrai Gate, kasganj | 20 | Odourless | 7.36 | 6.3 | 12 | 44 | 798 |

**(4)** Notification of **Flood Plain Zones**: government of uttar Pradesh has isu of notification date 17.10.2018 regarding no construction/no development zone under 100 mtr of both bank river.

**(5)** Issues relating to **Environmental Flow**:

1. consideration, the desired information be submitted in the above format.

2. Therefore, for each of the district/city/town under consideration, the desired information be submitted in the above format.

| S.No | Action Points | Required Information | | Remark |
|---|---|---|---|---|
| 1 | Surface water contamination (through Drains) | a) | Sewage Generation (MLD) | Total no. of drains 02 and their total discharge is 12.76 MLD |
| | | b) | Existing Sewage Treatment Capacity (MLD) | Total 01 no. of STPs is currently operation in Bankner Kasganj City under Namami Gange Programme by Vibhor Vaibhav Infra Pvt. Ltd under supervision of UPIN (R) total treatment capacity 15 MLD Sewage. |
| | | c) | Current level of Sewage Treatement (MLD) | 12.76 MLD |
| | | d) | Gap in Sewage Treatement (MLD) | - |
| | | e) | Status of tapping of Drains and timeline | Total Drains in Kasganj City are 02 nos.<br>Fully Tapped Drains are 02 nos. |
| | | f) | Details of STPs (installed, Under Construction, Proposed, timeline) | Installed<br>(1) Bankner kasganj STP (SBR) 15 MLD |
| | | g) | Details of other Tretment Arrangeme like- Oxydation Pond, FSTP, Constructed wetland etc. ((installed, Under Construction, Proposed, timeline) | - |
| | | h) | Status of Compliance of existing treatiment capacity. | Existing 01 No. STPs is compllant |
| 6 | Treated discharge from STP/CETP | | Present use of Treated water discharge from STP/CETP and proposed action plan for use of treated water with timeline. | Treated efflunt is pratially reused for irrigation and rest is rest is drained in a river. |

**Best Practices:**

1. Online Continuous Effluent Quality Monitoring Stations are operated for continuous monitoring of the quality of effluent in milk processing units and suger Unit which are connected to the Central Pollution Control Board and Uttar Pradesh Pollution Control Board.
2. Treated effluent from suger units is used for irrigation.
3. Inspections of water polluting industries are done at regular intervals by the Regional Office, Uttar Pradesh Pollution Control Board, Aligarh.
4. Water samples of Kasganj/Amapur Drain/ Nadrai Gate Drain, Salai Drain/Hanauti Drain under District Kasganj are collected weekly. The collected samples are tested in the laboratory of the Regional Office, Aligarh.
5. Action is taken against the units found defaulter as per rules.
6. At village level, grey water management entails construction of drainage system funded by finance commission directing water into ponds with filter chamber and installing soak pits in areas lacking drainage infrastructure.
7. Each year district achieves its plantation targets with the collaborative efforts of the district departments resulting in a very satisfactory survival percentage of the same.
8. Inspection of Red category water polluting industry carried by CPCB on third party basis.
9. To maintain the water quality of rivers/drains located in Aligarh district and for their development and maintenance, District Level Ganga Committee has been constituted under the chairmanship of District Magistrate, Kasganj. The meeting of the said committee is being held every month.

# District Ganga Committee Report

## District-Mau (U.P)

## Submitted in Compliance of Honble NGT Order dated 05.02.2024 O.A 200/2014

## MC Mehta Vs UOI and Ors.

**Submitted by-**

**District Ganga Committee, Mau (U.P**

**MC MEHTA vs. UNION OF INDIA ( OA. NO. 200 OF 2014) MAU**

ADDITIONAL INFORMATION, AS PER THE ORDER 05.02.2024

| S.NO | ADDITIONAL INFORMATION | ANSWER |
|---|---|---|
| 1. | That STPs installed, are under utilized and that treated effluents are discharged into the drains carrying untreated wastewater thereby defeating the very purpose of the efficacy of STPs. | At present STP is proposed with capacity of 56 MLD.I district MAU to treat the sewage that is being generated in MAU.<br>The total per day discharge from drain to river tamsa is 46.5 MLD. |
| 2. | The quantification and estimation of sewage entering to | At present STP is proposed with capacity of 56 MLD.I district MAU to treat the sewage that is being generated in MAU<br>The total per day discharge from drain to river tamsa is 46.5 MLD. |

| | | |
|---|---|---|
| | each STP through sewer network or through interception and diversion of drains. | |
| 3. | the breakup of quantity of sewage fed to each STP through sewerage and drains, indicating location of STP (with geo coordinates) and quality and quantity of discharged sewage and its disposal location. | At present STP is proposed with capacity of 56 MLD.I district MAU to treat the sewage that is being generated in MAU<br>The total per day discharge from drain to river tamsa is 46.5 MLD. |
| 4. | These identified industries should be imposed with the Consent conditions to adopt ZLD system or | At present no water polluting industries in district mau. |

| | | |
|---|---|---|
| | maximize recycling/ reuse of treated effluents rather than consenting them to discharge into drains with no burden on them. | |
| 5. | We are of the view that additional columns are to be included reflecting the drain, position of STP with capacity, their geo-coordinates, discharge quantity from the STP in the drain and total per day discharge from the drain into river. | At present STP is proposed with capacity of 56 MLD.I district MAU to treat the sewage that is being generated in MAU.<br>The total per day discharge from drain to river tamsa is 46.5 MLD. |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6. | mention heavy metals analysis in respect of discharge from each of the drain in the report. | | Drain (city/town/ | Hg | F | Cr | Pd | Fe | Zn | As | Dicharge |
| | | | Pathan Tola | ND | 1.11 | ND | 0.18 | 1.64 | 0.35 | 0.006 | TAMSA RIVER |
| | | | Ghoda Dalal Ki Bari | ND | 1.03 | ND | 0.11 | 0.75 | 0.07 | ND | TAMSA RIVER |
| | | | Khedu Pura | ND | 0.05 | ND | 0.18 | 0.61 | 0.04 | ND | TAMSA RIVER |
| | | | Dhekuliya Ghat | ND | 0.74 | ND | 0.18 | 0.55 | 0.05 | ND | TAMSA RIVER |
| | | | Railway Bridge | ND | 0.45 | 11.83 | 0.11 | 1.37 | 0.04 | 0.015 | TAMSA RIVER |
| | | | Belwa Ghat | ND | 0.70 | ND | 0.11 | 0.93 | 0.6 | ND | TAMSA RIVER |
| | | | Bam Ghat | ND | 0.61 | ND | 0.11 | 1.02 | 0.09 | 0.003 | TAMSA RIVER |

| S.no | Drain (city/town/ | Total flow of drain per day MLD | PH | BOD | COD | TSS | TDS | Heavy metals (mg/l) | | | | | | | Nitrates | DO | TC | FC | Outlet flow (MLD) | Cl | Colour/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Hg | F | Cr | Pd | Fe | Zn | As | | | | | | | | |
| 1 | Pathan Tola | 1.93 | 7.21 | 34 | 154 | 72 | 714 | ND | 1.11 | ND | 0.18 | 1.64 | 0.35 | 0.006 | 0.68 | Nil | 1300000 | 490000 | 1.93 | 75 | 50 | Tamsa River |
| 2 | Ghoda Dalal Ki Bari | 5.66 | 7.18 | 75 | 196 | 108 | 806 | ND | 1.03 | ND | 0.11 | 0.75 | 0.07 | ND | 0.18 | Nil | 1400000 | 790000 | 5.66 | 98 | 60 | Tamsa River |
| 3 | Khedu Pura | 1.41 | 7.31 | 34 | 136 | 68 | 724 | ND | 0.05 | ND | 0.18 | 0.61 | 0.04 | ND | 1.66 | Nil | 1300000 | 780000 | 1.41 | 80 | 50 | Tamsa River |
| 4 | Dhekuliya Ghat | 0.84 | 7.06 | 48 | 227.4 | 82 | 752 | ND | 0.74 | ND | 0.18 | 0.55 | 0.05 | ND | 0.49 | Nil | 9200000 | 280000 | 0.84 | 49 | 40 | Tamsa River |
| 5 | Railway Bridge | 0.90 | 7.15 | 66 | 255.2 | 90 | 724 | ND | 0.45 | 11.83 | 0.11 | 1.37 | 0.04 | 0.015 | 0.23 | Nil | 1700 | 780000 | 0.90 | 68 | 40 | Tamsa River |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | 000 | | | | |
| 6 | Belwa Ghat | 1.22 | 7.12 | 50 | 218.4 | 80 | 664 | ND | 0.70 | ND | 0.11 | 0.93 | 0.6 | ND | 0.61 | Nil | 54000000 | 170000 | 1.22 | 48 | 40 | Tamsa River |
| 7 | Bam Ghat | 7.8 | 7.16 | 62 | 244 | 88 | 760 | ND | 0.61 | ND | 0.11 | 1.02 | 0.09 | 0.003 | 0.23 | Nil | 16000000 | 920000 | 7.8 | 56 | 40 | Tamsa River |

**Note-**

1. **Bioremediation is being done in all drains.**
2. **The proposed STP capacity is 56 MLD, and its effectiveness will be evaluated based on TDS, TC, and FC levels. Ensuring proper treatment and compliance with environmental standards is essential for maintaining water quality and public health**

**2. STP (SEWAGE TREATMENT PLANT) for treating the sewage of the drains ultimately flowing to river ganga or its tributaries.**

| Existing STP (location & capacity) | Capacity (non-operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | Final discharge point | Gap(in treatment) | Proposed/under construction STP with completion date |
|---|---|---|---|---|---|---|
| **STP , Maunath Bhanjan** | **56 MLD** | **-** | **7** | **Tamsa river** | **100%** | Survey work is on progress, Land not Available yet. |

**Note-**

1. **Survey work is on progress, land not available yet.**
2. **ETP proposed for small textile industries in MAU district.**

### 2.1 STP ADDITIONAL INFORMATION

| Name of district | Name of ULB | Total Population in ULB | Total Sewage Generation (MLD) | Treatment of Sewage (MLD) | Final Disposal of sewage (MLD) | Remark |
|---|---|---|---|---|---|---|
| Mau | Nagar Palika Parishad, Mau. | 344553 | 44 | 0 | 44 | - |

### 3. HOTELS/ ASHRAMS/DHARMSHALAS/RESIDENTIAL complexes abutting river Ganga or its tributaries.

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| 12 | No consent<br>Notice sent | Proposed | Nagar Palika Drain finally into Tamsa river. after bioremediation at<br>**25°56'51"N 83°34'15"E** | Notice Isssued to defaulters |

| S. No. | Number of Hotels/ashrams/dharmshalas | Consent to establish/operate | STP | Discharge point | Action taken |
|---|---|---|---|---|---|
| | 12 | 0 | 0 | Drain | Notice Issued to defaulters |
| 1 | M/s Tathagat Watika & Marriage Hall, Bhujwati, Mau | No | Not Installed | Drain | Notice Issued |
| 2 | M/s Madhwa Marrige Hall, Civil Lines, Chandbhanpur, Mau | No | Not Installed | Drain | Notice Issued |
| 3 | M/s Ind Prastha Hotal, Purani Thaseal, Mau | No | Not Installed | Drain | Notice Issued |
| 4 | M/s Shanti Marrige Hall, Fatima Chauraha, Mau | No | Not Installed | Drain | Notice Issued |
| 5 | M/s Vasudev, Ghazipur Tiraha, Mau | No | Not Installed | Drain | Notice Issued |
| 6 | M/s S.R. Plase, Civil Lines, Bhujwati, Muhamadpur Sharoj, Mau | No | Not Installed | Drain | Notice Issued |
| 7 | M/s Radha Krishna, near Roadways, Mau | No | Not Installed | Drain | Notice Issued |
| 8 | M/s Hotel Purostam, Sahadatpura, near Roadways, Mau | No | Not Installed | Drain | Notice Issued |
| 9 | M/s Grean Land Residency, Bhiti Chauk, Mau | No | Not Installed | Drain | Notice Issued |
| 10 | M/s BNB Restaurant, Galibpur, Bhiti Chauk, Mau | No | Not Installed | Drain | Notice Issued |
| 11 | M/s DI. R.S. Palase, Purani Tehseal, Mau | No | Not Installed | Drain | Notice Issued |
| 12 | M/s Grihast Plasa & Marrige Hall, Ghazipur Tiraha, Mau | No | Not Installed | Drain | Notice Issued |

**4. Industrial Effluent discharged by industries whose effluent is ultimately flowing to river Ganga or its tributaries**

| S.no | Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | M/s The Kisan Sahkari Chini Mills Ltd.(Sugar Unit), Ghosi, Mau | 500 KLD | ETP 500 KLD | Parameter within limit | Zero | Not required | Zero | 12000 Kg/day | Land filling Industry Premises |
| 2 | M/s The Kisan Sahkari Chini Mills Ltd.(Distillary Unit), Ghosi, Mau | ZLD | CPU/ETP | Parameter within limit | Zero | Not required | Zero | 60000 Kg/day | Bio Composting with Press Mud |
| 3 | M/s Pramod Zari Pvt. Ltd. C-12 Industrial Estate, Narai Bandh, Mau | 08 KLD | ETP 10 KLD | Parameter within limit | Zero | Not required | Zero | 10 Kg/day | filling Within the Premises in low Lying Areas |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4 | M/s Palki Industry Pvt. Ltd. C-1, C-2, C-3 Industrial Estate, Tajopur, Mau | 80 KLD | ETP 100 KLD | Parameter within limit | Zero | Not required | Zero | 15 Kg/day | Member of TSDF |

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

| Area- cities/ towns<br><br>Notification of flood plain zone | Demarcation | | Variable flow (per day) | Encroachment /Encroachment removal status | Timeline for completion | Biarage/ Cross-regulator |
|---|---|---|---|---|---|---|
| | No development zone pillars | Regulatory zone pillars | | | | |
| Maduban and Dohrighat District Mau | Demarcation was done from Bibipur to Laxman Mandirdham on Google Earth Pro. | Embankments have been built on the right bank of Saryu river from Bibipur to Laxman Mandirdham and from Surajpur to Hahanala. | - | - | - | There are 3 regulator gates installed on Bibipur Belauli Dam, 8 HahaNala Dam and 4 regulator gates on HahaNala Dam |

**6.AFFORESTATION/ PLANTATION Along the bank of River Ganga and its tributaries and their flood plain zone**

| Area- cities/ towns | Total plantation Geo Code/Sample Point | | Proposed project | Time line |
|---|---|---|---|---|
| Ghosi range ,Mau(38hec) | 60800 | 26°00'54"N 83°41'06"E | Plantation 2023-24 | July -August 2023 |
| Mau range ,Mau(20hec) | 32000 | 25°35'31"N 83°00'50"E | Plantation 2023-24 | July -August 2023 |
| Dohrighat range ,Mau(21hec) | 33600 | 26°14'14"N 83°34'06"E | Plantation 2023-24 | July -August 2023 |
| Mohammadabad range,Mau (15hec) | 24000 | 25°57'23"N 83°25'15"E | Plantation 2023-24 | July -August 2023 |
| District MAU (130 hec) | 208000 | 25°56'51"N 83°34'15"E | Tentative 2024-25 | July -August 2024 |

**7. Mining and Stone crushing in river bed and flood plain zone of River Ganga and its tributaries;**

a.

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| Nil | Nil | Nil | Nil | Nil | Nil |

b.

| Area of RBM Mining | Overloading Illegal Transport | Action Taken | Penalty Imposed/Recovered |
|---|---|---|---|
| Nil | 294 | Penalty Imposed by online challan | 105.92 lac |

## DISTRICT GANGA COMMITTEE, MAU

### (1) District Ganga Protection Plan at city/ town level

**District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).**

### (2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)

#### 2.1 Sewage Management

| TOWNS | TOTAL SEWAGE GENERATION (MLD) |
|---|---|
| NPP, MAUNATH BHANJAN | 21.41 |
| NP, ADARI | 0.40 |
| NP, AMILA | 0.16 |
| NP, CHIRAIYAKOT | 0.69 |
| NP, DOHRIGHAT | 2.5 |

| | |
|---|---|
| NP, GHOSI | 8 |
| NP, KOPAGANJ | 1.11 |
| NP, MADUBAN | 0.64 |
| NP, MUHMMADABAD | 6.4 |
| NP, WALIDPUR | 2.77 |
| NP,KURTIJAFARPUR | 0.61 |

(i) District MAU – Total Sewage Generation = 46.5 MLD

**(ii) Existing Sewage Treatment Capacities :**
STP (56 MLD) Maunath bhanjan – Survey work is under progress Land not Available yet.

**(iii) Quantity of sewage is being treated (utilization capacity) :**

STP land acquisition under process in District MAU and Gap 100% .

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

FSTP Proposed in village Kandheri, Mau ( Lat- 25.903986, Long- 83.594317) with capacity of 32 KLD(Under construction 80% work is completed now.

**(v) Where treated sewage is being discharged (to Ganga or tributaries) :**
Into Tamsa River.

(vi) Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) :
proposed STP with capacity 56MLD

**(vii) Current Gap in sewage treatment : 100%**

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

There is time bound plan a proposal to minimize the gap one STP Proposed With capacity of 44 MLD.

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

Into Tamsa River.

## 2.2 Drains joining Ganga and Tributary

(i) **Number of drains carrying sewage- sullage or industrial waste water joining Ganga/ tributaries with their Quantity and Quality: 7 Major drains of district Mau and discharged into Tamsa river.**

(ii) Drains joining outside city and town limits but, either joining in village or nearby town: NO

| TOWNS | TOTAL SEWAGE GENERATION (MLD) |
|---|---|
| NPP, MAUNATH BHANJAN | 21.41 |
| NP, ADARI | 0.40 |
| NP, AMILA | 0.16 |
| NP, CHIRAIYAKOT | 0.69 |
| NP, DOHRIGHAT | 2.5 |
| NP, GHOSI | 8 |

| | |
|---|---|
| NP, KOPAGANJ | 1.11 |
| NP, MADUBAN | 0.64 |
| NP, MUHMMADABAD | 6.4 |
| NP, WALIDPUR | 2.77 |
| NP,KURTIJAFARPUR | 0.61 |

(iii) Inclusion of sewage flowing in drains into total sewage generation figures of each city and town

And their interception and diversion to STPs:

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

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

FSTP Proposed in village Kandheri, Mau with capacity of 32 KLD (Under construction 80% work is completed now.

(ii) Management of Grey water and its disposal: Into the Tamsa River.

## 2.4 Industrial Pollution Control

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

| S.no | Total number of Industries | Daily effluent discharge | Treatment available (CETP/ PETP/ ETP operational capacity) | Effluent quality analysis (outlet of treatment plants) | Disposal point |
|---|---|---|---|---|---|
| 1 | M/s The Kisan Sahkari Chini Mills Ltd.(Sugar Unit), Ghosi, Mau | 500 KLD | ETP 500 KLD | Parameter within limit | Tamsa River |
| 2 | M/s The Kisan Sahkari Chini Mills Ltd.(Distillary Unit), Ghosi, Mau | ZLD | CPU/ETP | Parameter within limit | Tamsa River |
| 3 | M/s Pramod Zari Pvt. Ltd. C-12 Industrial | 08 KLD | ETP 10 KLD | Parameter within limit | Tamsa River |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Estate, Narai Bandh, Mau | | | | | |
| 4 | M/s Palki Industry Pvt. Ltd. C-1, C-2, C-3 Industrial Estate, Tajopur, Mau | 80 KLD | ETP | 100 KLD | Parameter within limit | Tamsa River |

## (3) Water quality status

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

**Water quality of district Mau comes under class C.**

## (4) Notification of Flood Plain Zones:

UP State govt. order dated 17.10.2018 has been issued declaring no development /no construction zone within 100m 0f the Ganga River and its tributaries.

### (5) Issues relating to Environmental Flow:

a. Notification issued by Govt. of India dated 09..10.2018 for ecological flow in Ganga river maintained as below:-

b. Steps taken for maintaining Ecological flow/status of compliance of the E-flow notification.

**BEST PRACTICES:**

1. All Sugar and Textile industries have own installed effluent treatment unit.
2. All sugar industries have achieved 100% utilization of treated water in recycling process/ for use in Irrigation on horticulture land.
3. All Ganga Gram are declared 100% ODF now.
4. Under Namami Gange project, UP Jal Nigam URBAN MAU proposed 44 MLD STP for treatment of sewage water. Through this the untreated sewerage is stopped which directly flow into river Tamsa.

# कार्यालय प्रभागीय वनाधिकारी, वन प्रभाग, अम्बेडकरनगर

पत्रांक–2556 /29–1 अम्बेडकनगर दिनांक 04/04/2024

सेवा में

1. सुश्री गरिमा प्रसाद, अपर महाधिवक्ता, उ0प्र0।
2. सुश्री प्रियंका स्वामी, स्थायी अधिवक्ता, मा0 एन0जी0टी0, नई दिल्ली।

विषय– माननीय राष्ट्रीय हरित अधिकरण नई दिल्ली द्वारा ओ0ए0 संख्या 200/2014/( सी0डब्ल्यू0पी0 न0 3727/1985) (आई0 ए0 न0 340/2022) में पारित आदेश दिनांक 05.02.2024 के अनुपालन के संबंध में

संदर्भः– सचिव उत्तर प्रदेश शासन पर्यावरण वन एवं जलवायु परिवर्तन अनुभाग–7 के पत्र संख्या 208/81–7–2024–43(पर्या)/2014 टी सी– 3 दिनांक 26–03–2024

महोदय

उपरोक्त विषयक सन्दर्भित पत्र के क्रम में माननीय राष्ट्रीय हरित अधिकरण नई दिल्ली के ओ0ए0 संख्या 200/2014/( सी0डब्ल्यू0पी0 न0 3727/1985) (आई0 ए0 न0 340/2022) में दिए गए निर्देशों के अनुसार निर्धारित प्रारूप में सूचना संलग्न कर आपकी सेवा में सादर प्रेषित है।

( डा0 उमेश तिवारी )
प्रभागीय वनाधिकारी/ सदस्य
संयोजक जिला गंगा संरक्षण समिति,
अम्बेडकरनगर

पत्रांक– 2556 /उक्तदिनांकित।

प्रतिलिपि– निम्नलिखित को सादर सूचनार्थ प्रेषित–

1. सचिव पर्यावरण जल एवं जलवायु परिवर्तन विभाग उ0प्र0।
2. सदस्य सचिव ,उ0प्र0 प्रदूषण नियंत्रण बोर्ड, लखनऊ।

( डा0 उमेश तिवारी )
प्रभागीय वनाधिकारी/ सदस्य
संयोजक जिला गंगा संरक्षण समिति,
अम्बेडकरनगर

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1. जिलाधिकारी/अध्यक्ष जिला गंगा समिति अम्बेडकरनगर।
2. मुख्य विकास अधिकारी अम्बेडकरनगर।

( डा0 उमेश तिवारी )
प्रभागीय वनाधिकारी/ सदस्य
संयोजक जिला गंगा संरक्षण समिति,
अम्बेडकरनगर

9/c

33693

# Compliance report of Hon'ble NGT order dated 04.12.2023 in O.A. No. 200/ 2014

## MC Mehta Vs UoI and Ors.

## DISTRICT - AMBEDKARNAGAR (U.P.)

(Dr. Umesh Tiwari)
Divisional Forest Officer/
Member Secretary District Ganga Committee,
Ambedkarnagar

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# Introduction of the District

## 1. District Profile

Akbarpur, the district headquarters of Ambedkar Nagar, came into existence on September 29, 1995,after being separated from Ayodhya(Faizabad). The city is located at an altitude of 133 meters (436 feet) above sea level and 26.431 degrees north, latitude and 82.540 degrees east longitude. The total area of the Ambedkar Nagar district, divided into five tehsils and ten blocks, is 2350 sq km . As per 2011 census of India, Ambedkar Nagar has a population of 2,397,888 in 2011 out of which 1,212,410 are male and 1,185,478 are femal. There are a total of 1750 revenue villages in the district. In total, 930 gram panchayats, three municipalities and four Nagar Panchayats are formed.



## 2. Geography and Demography

**Drainage & Soil :-**

Ghaghra river, flowing in southeasterly direction drains the northern part of the district, forming its northern boundary. It is one of the largest and perennial rivers of Uttar Pradesh having width more than 5 kms at places. The banks on either side are fairly steep along its entire course. Another main drainage system is that of the Tons river, the name given to the combined water of Marha and Biswi Nalas after their confluence about 7-8 km west of Akbarpur. The river runs almost parallel to Ghaghra and flows into Azamgarh district. Together, the Marha Nala and Tons river (after junction) divide the district into almost equal halves.

The Soil Map of UP published by National Bureau of Soil Sciences and Land Use Planning (NBSS & LUP, 2004) shows that in almost entire district, the soil is mainly deep, well or moderately well drained and fine loamy, with loamy surface. In the narrow belt along Ghaghra, the coarse loamy soil (Balua) is also present along with soil of the above nature. In west-central parts, however, the soil is moderately well or poorly drained, exhibiting calcareous nature and is slightly saline and sodic. In a small portion in eastern fringes the soil is poorly drained, fine loamy and calcareous and is associated with slightly saline and sodic soils. At places, poorly drained, calcareous and/ or fine silty soils are also present in minor proportion along with main type of soil. Soil in the central parts, i.e around Tons river system shows signs of slight erosion. In broader terms, Varanasi Plain has Older Alluvial Soil (Alfisols), while Terrace Alluvium has Newer Alluvial Soil (Entisols) (GSI, 2001).

**Geomorphology :-**

Ambedkar Nagar district forms part of Central Ganga Plains, having monotonous topography, with elevations ranging between 83-92 mamsl and gentle southeasterly slope. Geomorphologically, the terrain can be differentiated into upland and lowland (GSI, 2001). The upland known as Varanasi Plain, lying in Ganga-Ghaghra interfluves is the oldest geomorphic unit and occupies major part of the district. The ground of Varanasi Plain is silty toclayey, slopes gently towards southeast, and has scars of relict fluvial features in the form of *tals* and palaeochannels. The lowland lies along Ghaghra river and is divisible into Older Flood Plain (Terrace Plain) and Active Flood Plain (Channel Plain). The Terrace Plain is of depositional type and preserves the sediments deposited by the river during its process of incision. Active Flood Plain is restricted to the present day banklines of the river in the form of point/ channel/ lateral bars and is wide and sandy.

**Geology: -**

The district exposes Quaternary sediments (GSI, *op. cit.*), which can be differentiated into Older Alluvium (OA) and Newer Alluvium (NA). The OA consists of oxidized, brown-, yellow- and khaki-colored sediments whereas the NA comprises unoxidsed, grey- and khaki-coloured sediments. The OA,

designated as Varanasi Alluvium (Middle to Late Pliestocene age), contains polycyclic sequence of silt and clay with kankar layers and subordinate beds/ lenses of micaceous sand, deposited over inferred basement of Bundelkhand Granite/ Vindhyans as components of 'Faizabad Ridge' (Khan *et al.*, 1992). It is dominantly argillaceous in the upper part and arenaceous in the lower levels (Khanna *et al.*, 1990). Central Ground Water Board has drilled exploratory wells only down to 305m in the southern part of the district. However, the boreholes drilled by CGWB down to 752m at Ranipur Gharwal in adjoining Faizabad district to the west and down to 755m at Paendapur in Azamgarh district to the south did not encounter basement, indicating that OA is more than 700m thick in this part. Thin interbeds of calcareous sandstones and compacted kankar beds, punctuating the stratigraphic column at various levels, represent minor breaks in sedimentation and suggest locally pulsating palaeoclimatic conditions from warm humid to warm arid at times (Khan et al., *op.cit.*). The NA (Holocene age) occupies lowland and is divisible into Terrace Alluvium and Channel Alluvium. The Terrace Alluvium consists of interbedded sequence of grey to khaki, micaceous, fine to coarse grained, immature sand, silt and clay and is well developed along Ghaghra river. The Channel Alluvium includes loose sand (grey, micaceous, fine to medium grained) of point/ channel bars and mud flats of flood plain of Ghaghra river. Thin layers of mud occupying tals/ palaeochannels are considered as homotaxial to Newer Alluvium.

**Land-use pattern**

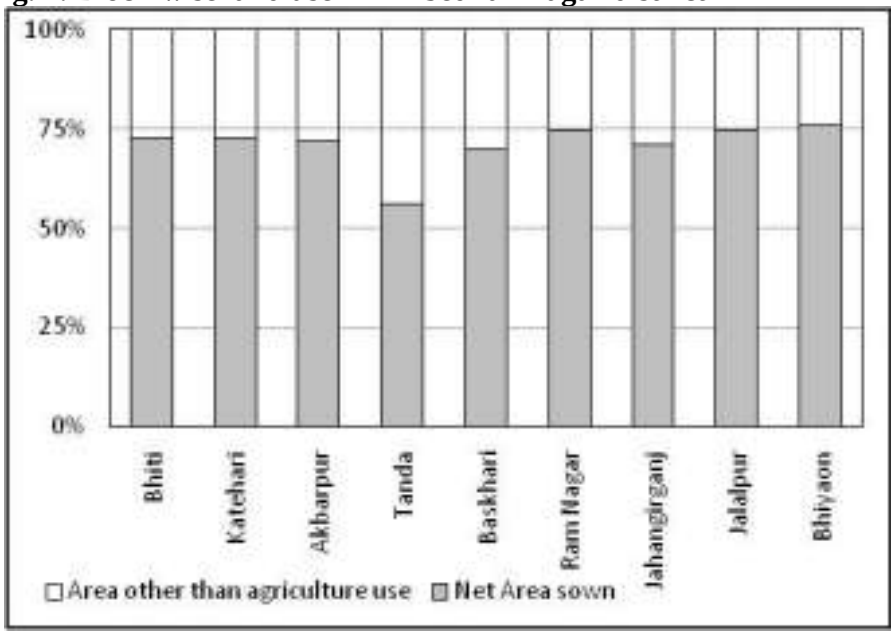
Agriculture: About 71% area of the district is under agricultural use. Net sown area ranges from 56.22% in Tanda to 75.84% in Bhiyaon block (**Table-1; Fig. 1**). However, except Tanda block, net sown area in rest of the block's ranges around 70 to 75%. Net irrigated area is 158041 ha, which forms about 95% of the net sown area (166756 ha). Gross irrigated area is 269265 ha against gross sown area of 280837 ha.

**Table-1: Block-wise Land Use in Ambedkar Nagar District, UP (All Areas in ha)**

| Block | Total area | Area other than agriculture use* | Net Area sown | % Net Area Sown | Net Area Irrigated | % Net Irrigated to net sown |
|---|---|---|---|---|---|---|
| Bhiti | 20974 | 5717 | 15257 | 72.74 | 14582 | 95.58 |
| Katehari | 25330 | 6928 | 18402 | 72.65 | 17829 | 96.89 |
| Akbarpur | 35801 | 10054 | 25747 | 71.92 | 24624 | 95.64 |
| Tanda | 31269 | 13690 | 17579 | 56.22 | 16568 | 94.25 |
| Baskhari | 20454 | 6199 | 14255 | 69.69 | 13395 | 93.97 |
| Ram Nagar | 22801 | 5761 | 17040 | 74.73 | 16602 | 97.43 |
| Jahangirganj | 21991 | 6420 | 15571 | 70.81 | 15215 | 97.71 |
| Jalalpur | 29866 | 7620 | 22246 | 74.49 | 20954 | 94.19 |
| Bhiyaon | 21186 | 5119 | 16067 | 75.84 | 14066 | 87.55 |
| ***Total Rural*** | ***229672*** | ***67508*** | ***162164*** | ***70.61*** | ***153835*** | ***94.86*** |
| ***Total Urban*** | ***6531*** | ***1939*** | ***4592*** | ***70.31*** | ***4206*** | ***91.59*** |
| ***Total District*** | ***236203*** | ***69447*** | ***166756*** | ***70.60*** | ***158041*** | ***94.77*** |

*includes area of forest, barren cultivable waste, present fallow land, other fallow land, barren uncultivable land, land put to non-agriculture use, pastures and area under bush, forest & garden

**Fig.1 : Block-wise land use in Ambedkar Nagar district**




**i**

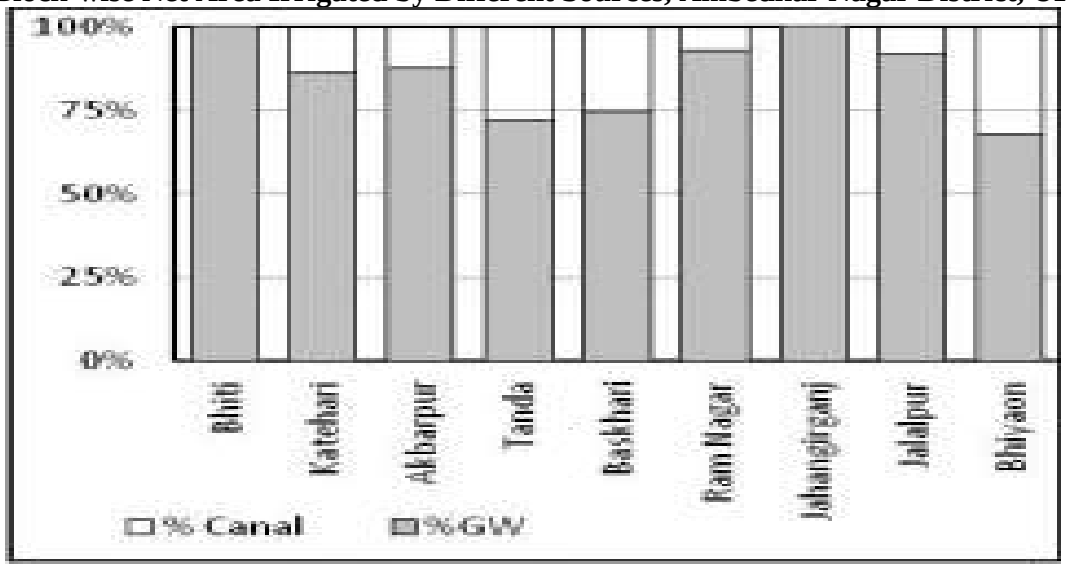
**Irrigation :-** Contributing about 87% of the net irrigated area, ground water is the major source of irrigation in the district, ranging from 67.61% in Bhiyaon block to 100% in Bhiti and Jahangirganj blocks (**Table-2; Fig.2** ). The canal network runs through 721 km in the district, irrigating 21280 ha area, mainly in Bhiyaon, Tanda, Baskhari, Katehari and Akbarpur blocks.

**Table 2 : Block-wise Net Area Irrigated by different sources in Ambedkar Nagar District, UP**

| Block | Net irrigated area (Ha) | Different Irrigation Source (Net Irrigated Area in Ha) | | | | | % Area irrigated by GW | % Area irrigated by Canal |
|---|---|---|---|---|---|---|---|---|
| | | Canal | Tubewell | | Wells | Total GW | | |
| | | | Public TW | Private TW | | | | |
| Bhiti | 14582 | 0 | 1376 | 13206 | 0 | 14582 | 100.00 | 0.00 |
| Katehari | 17829 | 2484 | 1565 | 13780 | 0 | 15345 | 86.07 | 13.93 |
| Akbarpur | 24624 | 3074 | 2571 | 18979 | 0 | 21550 | 87.52 | 12.48 |
| Tanda | 16568 | 4681 | 142 | 11745 | 0 | 11887 | 71.75 | 28.25 |
| Baskhari | 13395 | 3418 | 81 | 9896 | 0 | 9977 | 74.48 | 25.52 |
| Ram Nagar | 16602 | 1199 | 20 | 15383 | 0 | 15403 | 92.78 | 7.22 |
| Jahangirganj | 15215 | 0 | 356 | 14859 | 0 | 15215 | 100.00 | 0.00 |
| Jalalpur | 20954 | 1762 | 1838 | 17354 | 0 | 19192 | 91.59 | 8.41 |
| Bhiyaon | 14066 | 4556 | 323 | 9187 | 0 | 9510 | 67.61 | 32.39 |
| ***Total Rural*** | ***153835*** | ***21174*** | ***8272*** | ***124389*** | ***0*** | ***132661*** | ***86.24*** | ***13.76*** |
| ***Total Urban*** | ***4206*** | ***106*** | ***610*** | ***3490*** | ***0*** | ***4100*** | ***97.48*** | ***2.52*** |
| ***Total District*** | ***158041*** | ***21280*** | ***8882*** | ***127879*** | ***0*** | ***136761*** | ***86.54*** | ***13.46*** |

**Source:** website updes.up.nic.in (Statistical Diary-2012, Table-18; Figures for 2010-11)

**Fig.3 : Block-wise Net Area Irrigated by Different Sources, Ambedkar Nagar District, UP**




Total length of canals in the district is 721 Km. There are four main canal network systems in the district – Tanda Pump Canal, Tanda Main Canal, Tanda Parallel Canal and Faizabad Branch and their distributaries – Pausara, Jahangirganj, Hanswar and Kathargarh. Salient features about these are given in **Table-3**.

**Table 3 : Salient Features of Canal Network System in Ambedkar Nagar District, UP**

| Canal | Length | CCA (ha) | Area covered |
|---|---|---|---|
| Chaudhary Charan SinghTanda Pump Canal | 41.92 km (including minors) | 5287 | Starts from right bank of Ghaghra river in Tanda block, covers parts of Akbarpur and Tanda blocks through associated minors |
| Tanda Main Canal | 103.37 km (including minors) | 9346 | Originates from Tanda Pump Canal near Nasirpur in Tanda block; irrigates parts of Tanda, Akbarpur, Baskhari and Bhiyaon blocks through associated network of minors and passes into Azamgarh district |
| Tanda Parallel Canal | 116.05 km (including minors) | 11702 | Runs parallel to Tanda Main Canal to the left side; irrigates parts of Jalalpur and Bhiyaon blocks through associated network of minors and passes into Azamgarh district |
| Jahangirganj, Hanswar and Kathargarh distributaries | 249.59 km (including minors) | 33701 | Jahnagirganj Distributary takes off from Tanda Main Canal very near the latter's origin; irrigates parts of Akbarpur, Tanda, Baskhari, Ramnagar and Jahangirganj blocks through Hanswar and Katargarh distributaries and associated minors. |
| Faizabad Branch Canal | 29.80 km | 4694 | Originates in Faizabad distric; covers parts of Tanda, Katehari and Akbarpur blocks |
| Pausara Distributary | 18.50 km | 1675 | parts of Tanda blocks |

| | | | |
|---|---|---|---|
| 45 Minors associated with Faizabad Br and Pausara Dy Sysytem | 162.40 km | 17156 | parts of Tanda, Katehari and Akbarpur blocks |

***Source: Executive Engineer, Irrigation,, Tanda Division & Faizabad Division***

**Crops : -** Wheat is grown in the maximum area of the district (~42% of gross sown area), followed by rice (~41% of gross sown area). Principal crop during Kharif is paddy and that during Rabi, wheat. Millet, maize and jwar are also sown in small areas during Kharif, and pulses and oil seeds during Rabi. Other crops of minor importance are sugarcane, potato etc. Cropping pattern is given in Table-4.

**Table 4: Cropping Pattern in District Ambedkar Nagar, UP (2010-11)**

| Crop | Area (Ha) | % of Gross Sown Area | Irrigated (% of sown Area) |
|---|---|---|---|
| Wheat | 118112 | ~42% | 100% |
| Rice | 115483 | ~41% | ~100% |
| Pulses | 10478 | 3.7% | ~66% |
| Sugarcane | 11157 | ~4% | 100% |
| Potato | 4263 | ~1.5% | 100% |
| Oil Seeds | 3601 | ~1.3% | ~100% |
| Other Vegetables | 6764 | 2.4% | ~97% |

***Source:*** *website updes.up.nic.in (Statistical Diary-2012, Table-19; Figures for 2010-11)*

**3. Water Resources**

Ghaghra river, flowing in southeasterly direction drains the northern part of the district, forming its northern boundary. It is one of the largest and perennial rivers of Uttar Pradesh having width more than 5 kms at places. The banks on either side are fairly steep along its entire course. Another main drainage system is that of the Tons river, the name given to the combined water of Marha and Biswi Nalas after their confluence about 7-8 km west of Akbarpur. The river runs almost parallel to Ghaghra and flows into Azamgarh district. Together, the Marha Nala and Tons river (after junction) divide the district into almost equal halves.

There are some lakes(Darvan,Bhadauna,Punthar,Nimitini) are also situated in the district that collect habitat for many species of aquatic plants,animals and it is also the town for many birds.

The Soil Map of UP published by National Bureau of Soil Sciences and Land Use Planning (NBSS & LUP, 2004) shows that in almost entire district, the soil is mainly deep, well or moderately well drained and fine loamy, with loamy surface. In the narrow belt along Ghaghra, the coarse loamy soil (Balua) is also present along with soil of the above nature. In west-central parts, however, the soil is moderately well or poorly drained, exhibiting calcareous nature and is slightly saline and sodic. In a small portion in eastern fringes the soil is poorly drained, fine loamy and calcareous and is associated with slightly saline and sodic soils. At places, poorly drained, calcareous and/ or fine silty soils are also present in minor proportion along with main type of soil. Soil in the central parts, i.e around Tons river system shows signs of slight erosion.

**4. Special culture and religious connects to river-:**

Akbarpur is located at 26.431°N 82.540°E.It has an average elevation of 133 metres (436 feet). Akbarpur, is situated at river Tamsa. According to Ramayana, it is the place where King Dashratha shot Shravan Kumar. The ashram of the sage Shringi Rishi was also situated here. The Sarayu (also Sarju; Dev. सरयु saráyu- f., later Dev. सरयू sarayū-) is a river that flows through the Indian states of Uttarakhand and Uttar Pradesh. This river is of ancient significance, finding mentions in the Vedas and the Ramayana. The Sarayu forms at the confluence of the Karnali (or Ghaghara) and Mahakali (or Sharda) in Bahraich District. The Mahakali or Sharda forms the Indian-Nepalese border. Ayodhya is situated on the banks of river Sarayu. On Ram Navami, the festival that celebrates the birthday of Lord Rama, thousands of people take a dip in the Sarayu River at Ayodhya.

Touring towards the Ghats of River Ghaghara is very popular; tourists should not miss it while in Ambedkar Nagar. Boating and swimming are very famous and a joyful activity at the Ghats. Apart from River Ghaghara the district is blessed with many small river channels and lakes namely River Tons, River Saryu, Lake Devhat, Lake Hanswar, Lake Darvan and many more which are also famous for swimming. Holy dip in these streams on special and

auspicious occasions is also popular in the district; the holy dip is meant for purification. Many shrines are also sited very close to these river streams. The Balua Ghat and Kamhariya Ghat in Rajesultanpur are also very famous.

The district is also popular for fairs and melas. As per Ramayana, the district is the home town of Shravan who was mistakenly killed by King Dasharatha. During Magh Purnima which falls on a full moon day in the month of February an annual fair is conducted on Shravan Kshetra that is attended by numerous people from in and out of Ambedkar Nagar. The mela of Kichaucha Shareef in Baskhari is also very popular in the district which falls on the 27th of Moharam. This mela is celebrated on remembrance of the great Sufi saint, Hazrat Makhdoom Sultan Syed Ashraf Jahangir Semnani. The other popular events that are celebrated at grand scale in the district are the Muharram Azadari and Amari. Govind Sahab Mela also.

**5. Climate**

The climate of this district is similar to that of eastern Uttar Pradesh. It is characterized by seasonal rhythms produced by the southwest and northeast monsoons. Wind direction reversals occur twice a year. The region's climate can be classified into three distinct seasons. Cold season (November to February) Hot season (March to mid-June) Rainy season (mid-June to October) and cold season lasts from November to February. In November, a high pressure band stretches out of northwestern India and covers the entire state of Uttar Pradesh. Temperatures are starting to drop, with a high of 32.15 °C and a low of 8.95 °C (89.87 °F, 48.11 °F) for the month. The prevailing winds blow from west to east and are influenced by the pressure distribution and patterns of the Himalayas.

## Best practices in the District Ambedkarnagar

1. To aware people about the minor river like Tamsa there is a good initiative taken by the Nagar palika parishad Akbarpur.They started organizing Arti at Shivala ghat of river Tamsa.
2. A nanadan van has been established by the Nagar palika parishad Akbarpur in the sadarpur.This is grown in 3.149Ha area with total 500 plant . This may help to improve the Air quality of the area and may work as carbon sink.
3. Every year, a campaign is run by the Irrigation Department to clean the minor canal between 15 October and 15 December. This work is done by JCB and laborers. Irrigation through minor canal reduces the pressure on ground water; it is a good step towards water conservation.

4. District Ambedkarnagar have five prominent wetlands namely bhadauna anf darvan which is situated in akbarpur range ,Pikia is situated in Baskhari range, Bagaha in Tanda range amd Nimitini is situated in Jalalpur range. The DPR of all these wetlands has been sent to the higher authority for their conservation.
5. To promote more awareness among schoolchildren, the boundary walls of some government schools have been painted with educational and environmental quotes related to afforestation, maintenance of hygiene and sanitation, river conservation, and the preservation and protection of aquatic animals
6. At the ghats of the river Ghaghara, segregated dustbins have been placed to improve the cleanliness of the ghats. Hoardings have been placed at ghat of Ghaghara to increase awareness of river conservation among people.
7. **Sustainable Environmental Practices at NTPC Tanda**

**Bio-methanation Plant**

Bio-methanation Plant of 500 kg per day capacity has been installed for converting biodegradable waste into Biogas and nutrient rich fertilizers. The Bio-methanation plant is based on TERI's Enhanced Acidification and Methanation (TEAM) process. The main facilities of the plant are waste shredding machine, acidification reactors, Up-flow Anaerobic Sludge Blanket (UASB) reactor, leachate recirculation/transfer pumps, and biogas holder. Biodegradable waste is generated from residential quarters, guest house canteen, fruit and vegetable shop located inside NTPC Tanda colony. The biodegradable waste and non-biodegradable wastes are segregated at source itself. The segregated wastes are shifted to waste processing center whereby nonbiodegradable wastes are stored in different compartments. Biodegradable waste mainly comprising food waste is provided to Bio-methanation plant for further treatment.

| | |
|---|---|
| Project cost | 26.85 lakhs |
| Intangible Benefits | Hygienic environment, sustainable operations |
| Tangible benefits | LPG consumption reduced, Green House gas emission avoided, compost fertilizer and treated wastewater for reuse/recycling. |
| Saving(in MoU) | 5.40 Tons of $CO_2$ emissions avoided |
| Saving (INR Lakh) | 5.75 lakhs per year |
| Pay back(years) | 4.6 years |



**Windrow & Vermi-Composting Facility-**

This is an aerobic composting technique which is very fast compared to other conventional techniques. Ash bricks manufactured in-house has been used for preparing the windrow structure. Shredder has been installed for converting bigger size horticulture waste into small pieces. Main activities in windrow composting are inoculant dosing for microbial culture development, water spraying for maintaining required moisture, blending, and turning for temperature control and homogeneous conditions. Horticulture nursery waste is composted in Vermi-compost facility which uses earth worms to decompose the organic material into nutrient rich manure. Horticulture waste is effectively converted to manure by windrow composting and vermi-composting. This manure is consumed in parks, gardens, and horticulture management. The manure is also given free of cost to the colony residents for managing the kitchen gardens developed individually.

**Paper Recycling Facility-**

Paper consumption in NTPC has gradually reduced with the launch of PRADIP (PRo-Active and Digital Initiatives to become Paperless) initiative. However, various activities like maintenance work permits, operational parameter records, logbooks, monitoring and measurement records, important circulars/orders/notifications, material procurement packaging waste, stores issue documents, manuals, gate passes etc. are

still inevitably required in a large scale industry. After minimum retention period, all such documents are required to be disposed of. All these waste papers are brought to the Wastepaper Recycling facility. The raw paper waste is first of all fed into the pulper machine where water is mixed. The pulp water mixture is washed thoroughly for removal of dirt and color. The mixture is then passed through fabric filter which removes water. The raw sheets are screw pressed for uniform shape and removal of residual water. Finally, the paper sheets are given shape in calendaring machine. Different color sheets are made as per requirement. These sheets are cut and shaped into beautiful paper bags which can be used for carrying gifts, light shopping needs etc. Various kinds of paper covers are also made which are used in hospital for carrying x-ray films, medicines etc. Paper recycling facility also makes various size paper bags for usage in Community Shopping Centre where plastic carry bags are totally banned. The project has been setup with the motive of sustainable waste management model. It is run by differently abled 'Divyaang' people under the NTPC Foundation NILD Disability Rehabilitation Centers (NFNDRC). NTPC in collaboration with National Institute for Locomotor Disabilities (Divyangjan) works for vision to serve and empower the physically challenged and economically weaker sections of the society. NFNDRC is providing rehabilitation of Persons with Disability (PwDs) through its Disability Rehabilitation Centers. This project plays very important role in maintaining 'Sustainable Living' within the NTPC Tanda colony premises.

| | |
|---|---|
| Project cost | 7.46 lakhs |
| Intangible Benefits | Clean and litter free environment, recycling of waste, support plastic free Township campaign. |
| Tangible benefits | Conservation of natural resource, employment to differently abled people, reduction in fresh packaging material procurement. |
| Saving(in MoU) | Provides a sustainable alternative for recycling paper waste which in general goes to Municipal Solid waste landfills. |
| Saving (INR Lakh) | Approx. 1.0 lakhs per year from selling of recycled paper bags, reduction in purchase of polythene bags & gift bags, reduction of waste disposal cost |
| Pay back(years) | 7.46 years |

**Biomass Pellet Machine-**

NTPC Tanda has taken a significant stride in addressing the ecological challenges posed by stubble burning and meeting CTO requirements by investing in a biomass pellet machine with a capacity of 250 kg/hr. This strategic move aims to efficiently manage forest waste, converting it into pellets and utilize it as a co-firing agent alongside coal.

| | |
|---|---|
| Project cost | 8.5 lakhs |
| Intangible Benefits | Hygienic environment, sustainable operations |
| Tangible benefits | Green House gas emission reduction |
| Saving(in MoU) | 94 Tons of CO2 emissions avoided/annum |
| Saving (INR Lakh) | 51 lakhs per year |
| Pay back(years) | less than 2 months |

**Ash Brick Manufacturing Units:**

NTPC Tanda excels in environmentally responsible practices, primarily focusing on ash management. To effectively manage fly ash, it is repurposed for cement production, as well as in the manufacturing of ash bricks and paver blocks, reducing waste and promoting sustainability. In addition, bottom ash plays a crucial role in supporting infra-project backfilling needs, specifically for highways. The installation of two ash brick manufacturing units, each with a capacity of 20,000 bricks per day, totalling 40,000 bricks daily, serves as a practical solution to address the ash management challenge.

| Drain (city/town) | Total flow of drain per day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and Geo code | Colour/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UDAYAN VIBHAG KE PASS | 1.54 | 7.5 | 23 | 125 | 42 | | Testing is in progress reports are awaited from NPP Akabarpur | | | | 119 | 26.425476 82.538748 | light muddy | Tamsa |
| CHUNA BHATATI KE PASS | 3.041 | 7.1 | 29.5 | 110 | 52 | | | | | | 200 | 26.417469 82.542596 | light muddy | Tamsa |
| SHIVALY KE PASS | 5.047 | 7.2 | 28.5 | 98 | 52 | | | | | | 175 | 26.435032 82.550226 | light muddy | Tamsa |
| TAMSHA PUL KE PASS | 1.5 | 7.31 | 29 | 120 | 54 | | | | | | 177 | 26.431248 82.533796 | light muddy | Tamsa |
| GADAYNA | 1.79 | 7.2 | 29 | 108.2 | 56 | | | | | | 250 | 26.423721 82.535916 | light muddy | Tamsa |
| MEHROTRA PETROL PUMP KE PASS | 6.49 | 7.3 | 30 | 96 | 48 | | | | | | 141 | 26.432596 82.523437 | light muddy | Tamsa |
| AZRA DRAIN | 2.134 | 7.4 | 25 | 102 | 65.0 | 850 | As-0.06 Hg-BDL Pb-BDL Cr-0.06 Zn-0.23 Fe-0.63 Mn-BDL Cu-BDL | 6.7 | 4.6 | 1550 | 840 | 26.546736 82.652256 | -- | Ghaghra/Saryu |
| SBI DRAIN | 1.972 | 7.62 | 23 | 115 | 73 | 910 | As-0.05 Hg-BDL Pb-BDL Cr-0.05 Zn-0.26 | 7.2 | 4.8 | 1600 | 860 | 26.552194 82.662965 | -- | Ghaghra/Saryu |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Fe-0.6<br>Mn-BDL<br>Cu-BDL | | | | | | | |
| GHASIYARI TOLA DRAIN | 1.197 | 7.5 | 27 | 119 | 75 | 830 | As-0.08<br>Hg-BDL<br>Pb-BDL<br>Cr-0.07<br>Zn-0.34<br>Fe-0.72<br>Mn-BDL<br>Cu-BDL | 6.8 | 4.5 | 1450 | 850 | 26.552194<br>82.662965 | -- | Ghaghra/Saryu |
| MACHHARIYAON DRAIN | 1.515 | 7.0 | 24 | 132 | 45 | 840 | As-0.06<br>Hg-BDL<br>Pb-BDL<br>Cr-0.08<br>Zn-0.28<br>Fe-0.74<br>Mn-BDL<br>Cu-BDL | 5.6 | 4.9 | 1640 | 830 | 26.552194<br>82.660810 | -- | Ghaghra/Saryu |
| MISHRA JI DRAIN | 1.52 | 7.4 | 26 | 128 | 83 | 920 | As-0.04<br>Hg-BDL<br>Pb-BDL<br>Cr-0.09<br>Zn-0.21<br>Fe-0.68<br>Mn-BDL<br>Cu-BDL | 7.5 | 4.8 | 1550 | 910 | 26.541329<br>82.693269 | -- | Ghaghra/Saryu |
| GOLA GHAT DRAIN | 0.272 | 7.3 | 25 | 127 | 76 | 930 | As-0.03<br>Hg-BDL<br>Pb-BDL<br>Cr-0.05<br>Zn-0.29<br>Fe-0.67<br>Mn-BDL<br>Cu-BDL | 8.2 | 5.1 | 1600 | 930 | 26.540552<br>82.686651 | -- | Ghaghra/Saryu |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRIMARY DRAIN | 2.134 | 7.1 | 28 | 142 | 55 | 860 | As-0.05<br>Hg-BDL<br>Pb-BDL<br>Cr-0.08<br>Zn-0.27<br>Fe-0.71<br>Mn-BDL<br>Cu-BDL | 7.4 | 4.7 | 1480 | 940 | 26.538898<br>82.690043 | -- | Ghaghra/Saryu |
| --CHINTAURA DRAIN | 0.170 | 7.5 | 27 | 131 | 62 | 830 | As-0.06<br>Hg-BDL<br>Pb-BDL<br>Cr-0.09<br>Zn-0.32<br>Fe-0.64<br>Mn-BDL<br>Cu-BDL | 6.5 | 4.3 | 1520 | 860 | 26.552194<br>82.662965 | -- | Ghaghra/Saryu |
| BABD SHAH FAREED KE PASS | 0.8571 | 7.61 | 28 | 102 | 65.0 | 850 | As-0.06<br>Hg-BDL<br>Pb-BDL<br>Cr-0.06<br>Zn-0.23<br>Fe-0.63<br>Mn-BDL<br>Cu-BDL | 6.7 | 4.6 | 1550 | 840 | 26.316073<br>82.735525 | light muddy | Tamsa |
| PASCHIM TARAF SAHRAUWA KE PASS | 0.8571 | 7.62 | 23 | 115 | 73 | 910 | As-0.05<br>Hg-BDL<br>Pb-BDL<br>Cr-0.05<br>Zn-0.26<br>Fe-0.6<br>Mn-BDL<br>Cu-BDL | 7.2 | 4.8 | 1600 | 860 | 26.315745<br>82.736394 | light muddy | Tamsa |
| PAKKA GHAT KE PASS | 0.8571 | 7.5 | 27 | 119 | 75 | 830 | As-0.08<br>Hg-BDL<br>Pb-BDL<br>Cr-0.07 | 6.8 | 4.5 | 1450 | 850 | 26.314517<br>82.745711 | light muddy | Tamsa |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Zn-0.34<br>Fe-0.72<br>Mn-BDL<br>Cu-BDL | | | | | | | |
| PASCHIM TARAF | 0.8571 | 7.0 | 24 | 132 | 45 | 840 | As-0.06<br>Hg-BDL<br>Pb-BDL<br>Cr-0.08<br>Zn-0.28<br>Fe-0.74<br>Mn-BDL<br>Cu-BDL | 5.6 | 4.9 | 1640 | 830 | 26.318116<br>82.734745 | light<br>muddy | Tamsa |
| QAZIPURA WALA NALLA | 0.8571 | 7.4 | 26 | 128 | 83 | 920 | As-0.04<br>Hg-BDL<br>Pb-BDL<br>Cr-0.09<br>Zn-0.21<br>Fe-0.68<br>Mn-BDL<br>Cu-BDL | 7.5 | 4.8 | 1550 | 910 | 26.316642<br>82.743209 | light<br>muddy | Tamsa |
| URDU BAZAR PURVI NALLA | 0.8571 | 7.3 | 25 | 127 | 76 | 930 | As-0.03<br>Hg-BDL<br>Pb-BDL<br>Cr-0.05<br>Zn-0.29<br>Fe-0.67<br>Mn-BDL<br>Cu-BDL | 8.2 | 5.1 | 1600 | 930 | 26.316088<br>82.740485 | light<br>muddy | Tamsa |
| URDU BAZAR PASCHIMI NALLA | 0.8571 | 7.1 | 28 | 142 | 55 | 860 | As-0.05<br>Hg-BDL<br>Pb-BDL<br>Cr-0.08<br>Zn-0.27<br>Fe-0.71<br>Mn-BDL<br>Cu-BDL | 7.4 | 4.7 | 1480 | 940 | 26.315923<br>82.740280 | light<br>muddy | Tamsa |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AZADNAGAR NALLA | 3.5 | 7.24 | 12.00 | 48.00 | 36.50 | - | Cr-70<br>Fe-0.68<br>Zn-0.21<br>As-0.04<br>Hg-BDL<br>Pb-BDL<br>Mn-BDL<br>Cu-BDL<br>O&G-BDL | 7.5 | - | 0.09 | - | 26.363133<br>82.559318 | light muddy | Ghaghra/Saryu |

**I. Sewage**

**STP (SEWAGE TREATMENT PLANT)**

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | Final discharge point | Gap | Proposal for minimising the gap |
|---|---|---|---|---|---|---|
| NPP TANDA (Nehru Nagar 100KLD) | 100KLD | **0.1MLD/0.1MLD** | 1 | 1 | -- | -- |

**a. STP Additional information**

| Name of drain | Position of STP with capacity | Geo/coordinates | Discharge quantity from the STP in the drain | Total per day discharge from the drain into the river |
|---|---|---|---|---|
| GHASIYARI TOLA DRAIN | 100KLD - RUNNING | 26.552194 82.662965 | 0.1 MLD | 0.1 MLD |

| Proposed capacity (location & capacity) | Capacity (Operational) | Inlet/Outlet water quality & quantity | Number of tapped drains quantity of discharge | GAP (in treatment) | Final discharge point Geo code/ Sampling point | Proposed/ under construction STP with completion date |
|---|---|---|---|---|---|---|
| | | | | | | No current Proposed STP under consideration |

**HOTELS/ ASHRAMS**

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| (As per office records)<br>01. M/s Hotel Gomit in, Near Railway Crossing Muradabad, Akbarpur, District- Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| 02. M/s Hotel Swapnil, Near Tamsa bridge, Akbarpur, District- Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| 03. M/s Hotel Sai Plaza, Near Railway Station, Akbarpur, District- Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| 04. M/s Hotel Geeta Palace, Near Railway Crossing, Muradabad, Akbarpur, District- Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| 05. M/s Hotel Khajuraho**,** Baskhari Road Patel Nagar, Akbarpur, District- Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| 06. M/s Hotel Shanti Palace, Shahjadpur road, Akbarpur, District- Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| 07. M/s Hotel Aviral, Near roadways, Tanda road, District- Ambedkar Nagar | | | | |

**IV. Industrial Effluent discharge**

| Total number of Industries | Daily effluent discharge | Treatment available (CETP / PETP / ETP Operational capacity) | Effluent quality analysis /GeoCode (Outlet of treatment plants) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 03 (As per office records)<br>01. M/s. Balrampur Chini Mills Limited, Unit Akbarpur (Sugar Division), Vill- Harepur, jagdishpur, post-Mijhaura, District- Ambedkar nagar. | 1400 KLD (Used in irrigation) | ETP – 1500 KLD | Effluent sample collection and analysis is done by State pollution control board.<br>**26.472968**<br>**82.417810** | NA | Nil | Nil | Ash- 21TPD (Approx) | Used in land filling on low land. |
| 02. M/s. Ultratech Cement Limited (Unit Tanda Cement Works), at Village-kanhaura, Post Office-Hussainpur Sudhana, District- Ambedkar nagar. | No industrial effluent generation | NA | NA | NA | Nil | Nil | Nil | NA |
| 03. M/s. NTPC Ltd, Tanda, P.O.- Vidhyut Nagar, District- Ambedkar Nagar. | 8400 KLD (ZLD) | ETP – 9600 KLD | Effluent sample collection and analysis is done by State pollution control board.<br>**26.590787**<br>**82.599154** | NA | Nil | Nil | Fly Ash- 6900TPD (Approx) Bottom Ash- 1700 TPD (Approx) | Fly ash used in cement industries and road construction projects and bottom ash used in land filling on low land. |

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

| Area- cities/ towns Notification of flood plain zone | Demarcation | | Encroachment & direct discharge Geocode/ sampling point | /Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|
| | No development zone pillars | Regulatory zone pillars | | | |
| Under Process | Demarcation of HFL out Ambedkar Nagar District has been done which is situated at right bank of River Saryu in year 2023. | | | | |

**AFFORESTATION/ PLANTATION**

| Area- cities/ towns | Total plantation | Proposed project | Time line |
|---|---|---|---|
| Ambedkar Nagar | Total Riverside Plantation is 47.23 Ha in which 118075 plants | Social Forestry plan | 2023-2024 |

**VII. Mining:**

a.

| Sand mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| 2023-24 | 1 case registered | 02 | Vehicle seized and Pending in Court | 1 | As per EMGSM 2020 and sustainable sand mining management guidelines enforcement is carried out. |

1. The Tribunal has already directed for furnishing following information:

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**2.1 Sewage Management**

(i) Sewage generation (for entire District and individual town wise): 51.08 MLD Including city area

(ii) Existing Sewage Treatment Capacities: 100KLD

(iii) Quantity of sewage is being treated (utilization capacity) : 100KLD

(iv) Performance of STPs particularly for FC: Chlorination System Installed

(v) Where treated sewage is being discharged (to Ganga or tributaries) : River Ghaghra/Saryu

(vi) Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) : No

(vii) Current Gap in sewage treatment: 50.98

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

(ix) Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries): After Bio remediation processs all Drains discharged into River Ghaghra/Saryu and River Tamsa

**2.2 Drains joining Ganga and Tributary**

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

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

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

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

(i) Status of Septage management (with reference to FSTP/STP): 32 KLD FSTP at Akbarpur

(ii) Management of Grey water and its disposal: 32 KLD FSTP at Akbarpur dried part is use as the compost and liquid part is used as irrigation and sprinkling on the road for dust management

**2.4 Industrial Pollution Control**

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

**(3) Water quality status**

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

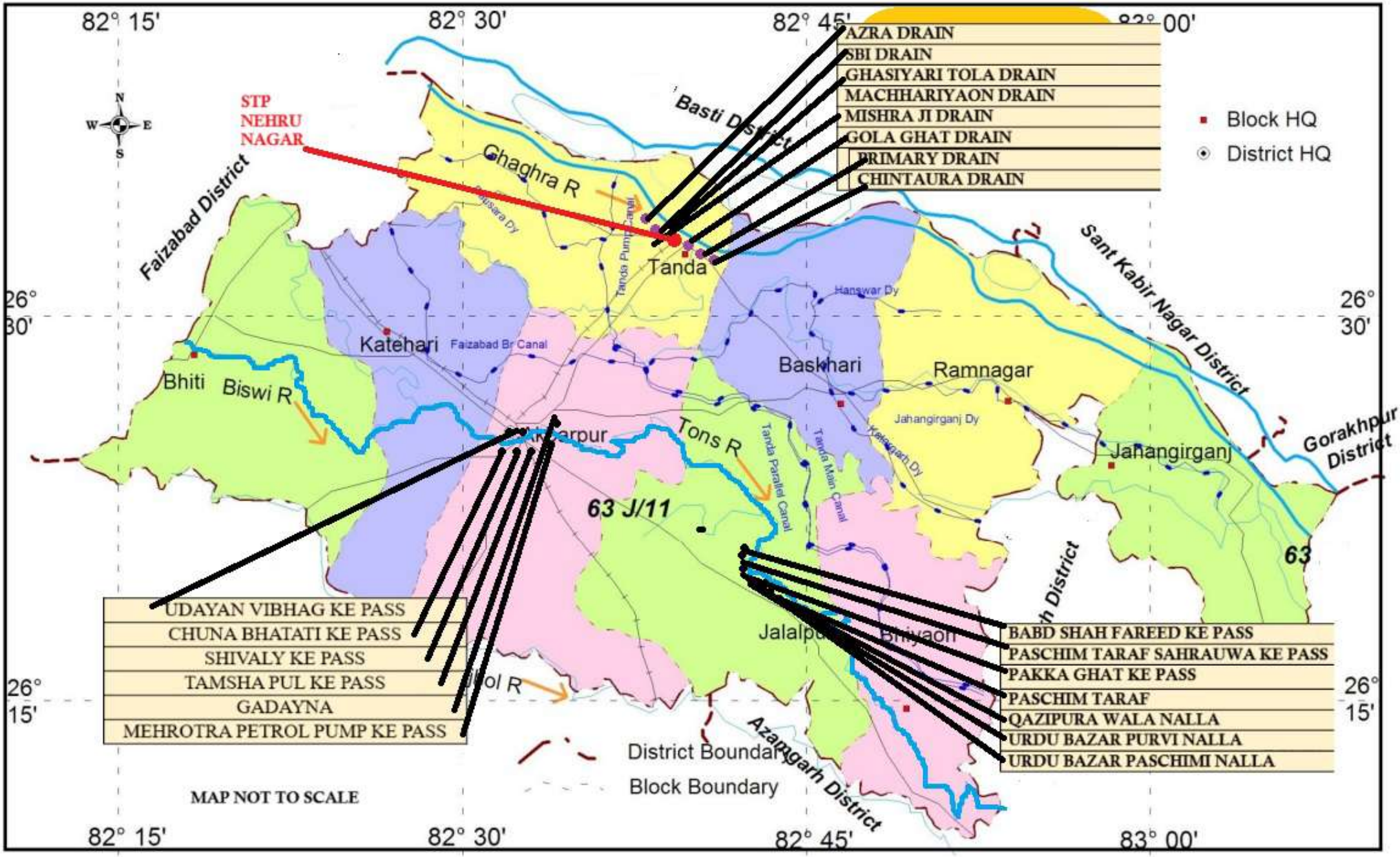
**(4)** Notification of **Flood Plain Zones**: Nill

**(5)** Issues relating to **Environmental Flow**: No such issues

(सदस्य सचिव/संयोजक)
जिला गंगा संरक्षण समिति/
प्रभारीय वनाधिकारी, अम्बेडकरनगर

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# Map of Ambedkar Nagar District, UP



# कार्यालय नगर पालिका परिषद जलालपुर अम्बेडकरनगर

पत्रांक – 69 /न0पा0परि0ज0/एन0जी0टी0/2024–25 दिनांक – 04/04/2024

सेवा में,

**प्रभागीय वनाधिकारी/सदस्य,**
संयोजक जिला गंगा संरक्षण समिति,
अम्बेडकर नगर।

विषयः– **मा0 राष्ट्रीय हरित अभिकरण, नई दिल्ली ओ0ए0 संख्या–200/2014 एम0सी0 मेहता बनाम यूनियन ऑफ इण्डिया व अन्य पारित आदेश दिनांक– 05.02.2024 के अनुपालन सम्बन्ध में।**

महोदय,

कृपया उपर्युक्त विषयक आपके कार्यालय के पत्र सं0–2547/29–1 अम्बेडकर नगर दिनांक 12.01.2024 का संदर्भ ग्रहण करने का कष्ट करें, जिसके क्रम में सूचना निर्धारित प्रारूप पर उपलब्ध कराये जाने के निर्देश दिये गये है, उक्त के क्रम में अवगत कराना है कि नगर पालिका परिषद जलालपुर अम्बेडकरनगर की आद्यतन सूचना निर्धारित प्रारूप पर तैयार कर महोदय की सेवा में सादर प्रेषित है।

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अम्बेडकरनगर

| Drain (city/town) | Total flow of drain per day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and Geo code | Colour/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BABD SHAH FAREED KE PASS | 0.8571 | 7.61 | 28 | 102 | 65.0 | 850 | As-0.06<br>Hg-BDL<br>Pb-BDL<br>Cr-0.06<br>Zn-0.23<br>Fe-0.63<br>Mn-BDL<br>Cu-BDL | 6.7 | 4.6 | 1550 | 840 | 26.316073<br>82.735525 | light muddy | Tamsa |
| PASCHIM TARAF SAHRAUWA KE PASS | 0.8571 | 7.62 | 23 | 115 | 73 | 910 | As-0.05<br>Hg-BDL<br>Pb-BDL<br>Cr-0.05<br>Zn-0.26<br>Fe-0.6<br>Mn-BDL<br>Cu-BDL | 7.2 | 4.8 | 1600 | 860 | 26.315745<br>82.736394 | light muddy | Tamsa |
| PAKKA GHAT KE PASS | 0.8571 | 7.5 | 27 | 119 | 75 | 830 | As-0.08<br>Hg-BDL<br>Pb-BDL<br>Cr-0.07 | 6.8 | 4.5 | 1450 | 850 | 26.314517<br>82.745711 | light muddy | Tamsa |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Zn-0.34<br>Fe-0.72<br>Mn-BDL<br>Cu-BDL | | | | | | | |
| PASCHIM TARAF | 0.8571 | 7.0 | 24 | 132 | 45 | 840 | As-0.06<br>Hg-BDL<br>Pb-BDL<br>Cr-0.08<br>Zn-0.28<br>Fe-0.74<br>Mn-BDL<br>Cu-BDL | 5.6 | 4.9 | 1640 | 830 | 26.318116<br>82.734745 | light<br>muddy | Tamsa |
| QAZIPURA WALA NALLA | 0.8571 | 7.4 | 26 | 128 | 83 | 920 | As-0.04<br>Hg-BDL<br>Pb-BDL<br>Cr-0.09<br>Zn-0.21<br>Fe-0.68<br>Mn-BDL<br>Cu-BDL | 7.5 | 4.8 | 1550 | 910 | 26.316642<br>82.743209 | light<br>muddy | Tamsa |
| URDU BAZAR PURVI NALLA | 0.8571 | 7.3 | 25 | 127 | 76 | 930 | As-0.03<br>Hg-BDL<br>Pb-BDL | 8.2 | 5.1 | 1600 | 930 | 26.316088<br>82.740485 | light<br>muddy | Tamsa |

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अधिशासी अधिकारी
नगर पालिक परिषद ...

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Cr-0.05<br>Zn-0.29<br>Fe-0.67<br>Mn-BDL<br>Cu-BDL | | | | | | | |
| URDU BAZAR PASCHIMI NALLA | 0.8571 | 7.1 | 28 | 142 | 55 | 860 | As-0.05<br>Hg-BDL<br>Pb-BDL<br>Cr-0.08<br>Zn-0.27<br>Fe-0.71<br>Mn-BDL<br>Cu-BDL | 7.4 | 4.7 | 1480 | 940 | 26.315923<br>82.740280 | light muddy | Tamsa |

अधिशासी अधिकारी
नगर पालिका परिषद पत्थरपुर
डा० अम्बेडकर नगर

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# कार्यालय नगर पालिका परिषद अकबरपुर–अम्बेडकरनगर

पत्रांक 52 / न0पा0परि0अक0 / NGT / 2023–2024 दिनांक– 09.04.2024

सेवा में

प्रभागीय वनाधिकारी / सदस्य संयोजक,
जिला गंगा संरक्षण समिति,
अम्बेडकरनगर।

**विषयः–** **मा0 राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा ओ0ए0 संख्या 200 / 2014 एम0सी0 मेहता बनाम यूनियन आफ इंडिया व अन्य मे पारित आदेश दिनांक 05.02.2024 के अनुपालन के सम्बन्ध में।**

महोदय,

कृपया उपर्युक्त विषयक आपके कार्यालय पत्र संख्या–2547 / 29–1 अम्बेडकरनगर दिनांक 02.04.2024 का सन्दर्भ ग्रहण करने का कष्ट करें के क्रम में वांछित सूचना निर्धारित प्रारूप भरकर सादर सेवा में प्रेषित है।

**संलग्नक– प्रारूप।**

| S.N. | Drain (city/town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | TAMSA DRAIN NEAR TAMSA BRIDGE | - | 1.5 | 7.5 | 23 | 125 | 42 | - | - | - | - | - | 119 | 26.425476 82.538748 | - | - |
| 2 | SHVALA GHAT DARIN NEAR SHIVALA | - | 5.047 | 7.1 | 29.5 | 110 | 52 | - | - | - | - | - | 200 | 26.417469 82.542596 | - | - |
| 3 | GADAYA | - | 1.79 | 7.2 | 28.5 | 98 | 52 | - | - | - | - | - | 175 | 26.435032 82.550226 | - | - |
| 4 | NEAR MALHORTA PETROL PUMP | - | 6.49 | 7.31 | 29 | 120 | 54 | - | - | - | - | - | 177 | 26.431248 82.533796 | - | - |
| 5 | DRAIN NEAER CHUBHATTI | - | 3.041 | 7.2 | 29 | 108.2 | 56 | - | - | - | - | - | 250 | 26.423721 82.535916 | - | - |
| 6 | DRAIN NEAR UDYAN DEPT | - | 1.54 | 7.3 | 30 | 96 | 48 | - | - | - | - | - | 141 | 26.432596 82.523437 | - | - |

नोटः– निकाय में स्थित 06 सिवरेज नाले की जल गुणवत्ता सूचकांक **(BOD, COD, Colour, Nitrate, Heavy metals)** आदि के परिक्षण, विश्लेषण हेतु सैम्पल **(IITR-Indian Institute of Toxicology Research)** लखनऊ को भेजी गयी है. सैम्पल रिपोर्ट प्राप्त होते ही वांछित सूचना निर्धारित प्रारूप पर भरकर सादर सेवा में प्रेषित कर दी जायेगी।

अधिशाषी अधिकारी
नगर पालिका परिषद
अकबरपुर अम्बेडकरनगर

1. The Tribunal has already directed for furnishing following information:

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**Sewage Management**

(i) Sewage generation (for entire District and individual town wise): 51.08 MLD Including city area

(ii) Existing Sewage Treatment Capacities: 100KLD

(iii) Quantity of sewage is being treated (utilization capacity) : 100KLD

(iv) Performance of STPs particularly for FC: Chlorination System Installed

(v) Where treated sewage is being discharged (to Ganga or tributaries) : River Ghaghra/Saryu

(vi) Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) : No

(vii) Current Gap in sewage treatment: 50.98

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

(ix) Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries): After Bio remediation processs all Drains discharged into River Ghaghra/Saryu and River Tamsa

**Drains joining Ganga and Tributary**

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

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

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

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

(i) Status of Septage management (with reference to FSTP/STP): 32 KLD FSTP at Akbarpur

(ii) Management of Grey water and its disposal: 32 KLD FSTP at Akbarpur dried part is use as the compost and liquid part is used as irrigation and sprinkling on the road for dust management

**Industrial Pollution Control**

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

**(3) Water quality status**

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

**(4)** Notification of **Flood Plain Zones**: Nill

**(5)** Issues relating to **Environmental Flow**: No such issue

अधिशासी अधिकारी
नगर पालिका परिषद
अकबरपुर-अम्बेडकर नगर

# नगर पालिका परिषद टाण्डा अम्बेडकरनगर

पत्रांक 08 /न0पा0प0टा0/एन0जी0टी0/2024–25 दिनांक 03 अप्रैल 2024

सेवा में,

प्रभागीय वनाधिकारी/सदस्य,
संयोजक जिला गंगा संरक्षण समिति,
अम्बेडकरनगर।

विषयः–मा0 राष्ट्रीय हरित अभिकरण, नई दिल्ली ओ0ए0 संख्या–200/2014 एम0सी0 मेहता वनाम यूनियन आफ इण्डिया व अन्य पारित आदेश दिनांक–05.02.2024 के अनुपालन के सम्बन्ध में।

महोदय,

कृपया उपर्युक्त विषयक अपने कार्यलय पत्र संख्या–2547/29–1 अम्बेडकरनगर दिनांक–02.04.2024 का संदर्भ ग्रहण करने का कष्ट करें, जिसके क्रम में सूचना निर्धारित प्रारूप पर तैयार कर उपलब्ध कराये जाने के निर्देश दिये गये है। उक्त के क्रम में अवगत कराना है कि नगर पालिका परिषद टाण्डा जनपद अम्बेडकरनगर से सम्बन्धि वांछित सूचना निर्धारित प्रारूप पर तैयार कर सादर सेवा में प्रेषित है।

भवदीय

अधिशाषी अधिकारी
नगर पालिका परिषद टाण्डा
अम्बेडकरनगर

| Drain (city/ town) | Total drain capa city | Gener ation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluorid e etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Col or/ odo ur | Dischar ged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Azra Drain | - | 2.134 | 7.4 | 25 | 102 | 65.0 | 850 | As-0.06 Hg-BDL Pb-BDL Cr-0.06 Zn-0.23 Fe-0.63 Mn-BDL Cu-BDL | 6.7 | 4.6 | 1550 | 840 | 26.66648 82.655400 | - | - |

| Drain (city/ town) | Total drain capa city | Gener ation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluorid e etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Col or/ odo ur | Dischar ged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBI Drain | - | 2.134 | 7.62 | 23 | 115 | 73 | 910 | As-0.05 Hg-BDL Pb-BDL Cr-0.05 Zn-0.26 Fe-0.6 Mn-BDL Cu-BDL | 7.2 | 4.8 | 1600 | 860 | 26.66648 82.655400 | - | - |

अधिशाषी अधिकारी
नगर पालिका परिषद टाण्डा
अम्बेडकर नगर

| Drain (city/ town) | Total drain capa city | Gener ation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluorid e etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Col or/ odo ur | Dischar ged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Primary School Drain | - | 2.134 | 7.1 | 28 | 142 | 55 | 860 | As-0.05 Hg-BDL Pb-BDL Cr-0.08 Zn-0.27 Fe-0.71 Mn-BDL Cu-BDL | 7.4 | 4.7 | 1480 | 940 | 26.66648 82.655400 | - | - |

| Drain (city/ town) | Total drain capa city | Gener ation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluorid e etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Col or/ odo ur | Dischar ged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chintaura Drain | - | 2.134 | 7.5 | 27 | 131 | 62 | 830 | As-0.06 Hg-BDL Pb-BDL Cr-0.09 Zn-0.32 Fe-0.64 Mn-BDL Cu-BDL | 6.5 | 4.3 | 1520 | 860 | 26.66648 82.655400 | - | - |

अधिशाषी अधिकारी
नगर पालिका परिषद टाण्डा
अम्बेडकर नगर

| Drain (city/ town) | Total drain capa city | Gener ation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluorid e etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Col or/ odo ur | Dischar ged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ghasiyari Tola Drain | - | 2.134 | 7.5 | 27 | 119 | 75 | 830 | As-0.08 Hg-BDL Pb-BDL Cr-0.07 Zn-0.34 Fe-0.72 Mn-BDL Cu-BDL | 6.8 | 4.5 | 1450 | 850 | 26.66648 82.655400 | - | - |

| Drain (city/ town) | Total drain capa city | Gener ation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluorid e etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Col or/ odo ur | Dischar ged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Machhariy awa Drain | - | 2.134 | 7.0 | 24 | 132 | 45 | 840 | As-0.06 Hg-BDL Pb-BDL Cr-0.08 Zn-0.28 Fe-0.74 Mn-BDL Cu-BDL | 5.6 | 4.9 | 1640 | 830 | 26.66648 82.655400 | - | - |

अधिशाषी अधिकारी
नगर पालिका परिषद टाण्डा
अम्बेडकर नगर

| Drain (city/ town) | Total drain capa city | Gener ation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluorid e etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Col or/ odo ur | Dischar ged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mishraji Drain | - | 2.134 | 7.4 | 26 | 128 | 83 | 920 | As-0.04 Hg-BDL Pb-BDL Cr-0.09 Zn-0.21 Fe-0.68 Mn-BDL Cu-BDL | 7.5 | 4.8 | 1550 | 910 | 26.66648 82.655400 | - | - |

| Drain (city/ town) | Total drain capa city | Gener ation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluorid e etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Col or/ odo ur | Dischar ged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gola Ghat Drain | - | 2.134 | 7.3 | 25 | 127 | 76 | 930 | As-0.03 Hg-BDL Pb-BDL Cr-0.05 Zn-0.29 Fe-0.67 Mn-BDL Cu-BDL | 8.2 | 5.1 | 1600 | 930 | 26.66648 82.655400 | - | - |

अधिशाषी अधिकारी
नगर पालिका परिषद टाण्डा
अम्बेडकर नगर

# कार्यालय–नगर पंचायत इल्तिफातगंज– अम्बेडकरनगर

पत्र सं0....10...../ I/ न0पं0इल्ति0/एन0जी0टी0–सूचना/2024–25 दिनांक– 02/04/2024

सेवा में,

प्रभागीय वनाधिकारी/ सदस्य,
संयोजक जिला गंगा संरक्षण समिति,
जनपद, अम्बेडकरनगर।

विषयः–मा0 राष्ट्रीय हरित अभिकरण, नई दिल्ली ओ0ए0 संख्या–200/2014 एम0सी0 मेहता बनाम यूनियन आफ इण्डिया व अन्य में पारित आदेश दिनाँक–05.02.2024 के अनुपालन के सम्बन्ध में।

संदर्भः– उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड, अयोध्या के पत्र संख्या–1107/F& 01/O-A-NO&200/2014/2024 दिनाँक–19.03.2024 एवं इस कार्यालय के पत्र संख्या 2404/29–1 दिनाँकित 21.03.2024 के संदर्भ में।

महोदय,

उपरोक्त विषयक आपके कार्यालय पत्र संख्या–2547/29–1 अम्बेडकरनगर दिनांक–02.04.2024 के सन्दर्भ में मांगी गयी सूचना निम्न निर्धारित प्रारूप पर तैयार कर संलग्न सेवा में सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

| Drain (city/ town) | Total drain capacity | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Azad nagar Drain | 3.5 | 02-04-2024 | 7.24 | 12.00 | 48.00 | 36.50 | - | Cr – 70.00<br>Fe – 0.68<br>Zn – 0.21<br>As – 0.04<br>Hg – BDL<br>Pb – BDL<br>Mn – BDL<br>Cu – BDL<br>O&G- BDL | 7.5 | - | 0.09 | - | 26.608749<br>82.559318 | Light Muddy | Saryu/ Ghaghra |

भवदीय

अधिशाषी अधिकारी
नगर पंचायत इल्तिफातगंज
अम्बेडकरनगर



CamScanner

तार : पर्यावरण
Gram : PARYAVARAN

क्षेत्रीय कार्यालय
Regional Office

फोन एवं फैक्स : 05278–245411
Tele & Fax : 05278–245411
Email Id - roayodhya@uppcb.in

# उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड, अयोध्या
## UTTAR PRADESH POLLUTION CONTROL BOARD, AYODHYA

संदर्भ संख्या : Ref. No. : 1069/NGT/OA No. 200/2014/2024

दिनांक : Dated : 04.3.2024

सेवा में,

प्रभागीय वनाधिकारी/संयोजक सदस्य
जिला गंगा संरक्षण समिति,
जनपद– अम्बेडकर नगर।

**विषय–** Information required in compliance of Hon'ble NGT order dated 05.02.2024 in O.A. No. 200/2014 MC Mehta Vs UOI and Ors.

महोदय,

कृपया उपरोक्त विषयक आपके पत्रांक– 2150/29–1/अम्बेडकरनगर दिनांक 28.02.2024 का संदर्भ ग्रहण करना चाहें। उक्त के संबंध में मा0 एन0जी0टी0 में योजित ओ0ए0 नं0–200/2014 एम0सी0मेहता बनाम यू0ओ0आई0 एण्ड अन्य के संबंध में आप द्वारा मांगी गयी वांछित सूचनायें संलग्न प्रारूप में परिपूरित कर आपके अवलोकनार्थ एवं अग्रिम आवश्यक कार्यवाही हेतु सादर प्रेषित।

भवदीय

04/03/2024

(डा0 डी0एन0 सिंह)
क्षेत्रीय अधिकारी

**प्रतिलिपि:** निम्नलिखित को सूचनार्थ सादर प्रेषित।

1. जिलाधिकारी महोदय, अम्बेडकर नगर।
2. मुख्य विकास अधिकारी महोदय, अम्बेडकर नगर।

क्षेत्रीय अधिकारी

1. **Sewage**

| Drain (city/ town) | Total drain capacity | Generation / day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

The above information is to be submitted on the basis of end point sample analysis of the concerned drain

**2. STP for treating the sewage of the drains ultimately flowing to river ganga or its tributaries**

| : STP ·n & y) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |

**2.1 STP ADDITIONAL INFORMATION**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| | | | | |
| | | | | |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |

**3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries**

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| M/s Hotel Gomit in, Near Railway Crossing Muradabad, Akbarpur, District-Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| M/s Hotel Swapnil, Near Tamsa bridge, Akbarpur, District-Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |

| | | | | |
|---|---|---|---|---|
| M/s Hotel Sai Plaza, Near Railway Station, Akbarpur, District-Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| M/s Hotel Geeta Palace, Near Railway Crossing, Muradabad, Akbarpur, District-Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| M/s Hotel Khajuraho, Baskhari Road Patel Nagar, Akbarpur, District-Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| M/s Hotel Shanti Palace, Shahjadpur road, Akbarpur, District- Ambedkar Nagar. | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |
| M/s Hotel Aviral, Near roadways, Tanda road, District- Ambedkar Nagar | Not Applied | Not Installed | Effluent Discharged in municipal drain. | Notice Issued |

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

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated / day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| M/s. Balrampur Chini Mills Limited. Unit Akbarpur (Sugar Division), Vill-Harepur, jagdishpur, post-Mijhaura, District-Ambedkar nagar. | 1400 KLD (Used in irrigation) | ETP – 1500 KLD | Effluent sample collection and analysis is done by State pollution control board. Lat-26.472968 Long-82.41781 | NA | Nil | Nil | Ash- 21TPD (Approx) | Used in land filling on low land. |
| M/s. Ultratech Cement Limited (Unit Tanda Cement Works), at Village-kanhaura, Post Office-Hussainpur Sudhana, District-Ambedkar nagar. | No industrial effluent generation | NA | NA | NA | NA | NIL | NIL | NA |
| M/s. NTPC Ltd, Tanda, P.O.-Vidhyut Nagar, District-Ambedkar Nagar. | 8400 KLD (ZLD) | ETP – 9600 KLD | Effluent sample collection and analysis is done by State pollution control board. Lat-26.590787 Long-82.599154 | NA | NIL | NIL | Fly Ash-6900TPD (Approx) Bottom Ash- 1700 TPD (Approx) | Fly ash used in cement industries and road construction projects and bottom ash used in land filling on low land. |

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

| Area- cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge GeoCode/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| | | | | | | |
| | | | | | | |

**6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones**

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | Proposed project | Timeline |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| | | | | | |

1. The Tribunal has already directed for furnishing following

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

**(2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)**

**2.1 Sewage Management**

(i) Sewage generation (for entire District and individual town wise):

(ii) Existing Sewage Treatment Capacities :

(iii) Quantity of sewage is being treated (utilization capacity) :

(iv) Performance of STPs particularly for FC :

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

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

(vii) Current Gap in sewage treatment :

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

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

**2.2 Drains joining Ganga and Tributary**

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

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

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

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

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

(ii) Management of Grey water and its disposal:

**2.4 Industrial Pollution Control**

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

**(3) Water quality status**

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

**(4) Notification of Flood Plain Zones:**

**(5) Issues relating to Environmental Flow:**

2. Therefore, for each of the district/city/town under consideration, the desired information be submitted in the above format.

प्रेषक,

जिला खनन अधिकारी
अम्बेडकरनगर।

सेवा में,

प्रभागीय वनाधिकारी
अम्बेडकरनगर।

पत्रांक 376 /खनन अनुभाग/ हरित अधिकरण/सूचना/2023 दिनांक 04 जनवरी,2024

विषयः– Information required in compliance of Hon'ble NGT order dated 04.12.2023 in O.A. 200/2014 MC Mehta Vs UOI and Ors.

संदर्भ :– Information required in compliance of Hon'ble NGT order dated 24.11.2023 in O.A. 200/2014 (C.W.P. No. 3727/1985) (I.A. No. 340/2022) MC Mehta Vs UOI and Ors and Hon'ble NGT order dated 04.12.2023 in O.A. 200/2014 MC Mehta Vs UOI and Ors.

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महोदय,

कृपया उपर्युक्त विषयक अपने कार्यालय के पत्र संख्या 165/29-1 अम्बेडकरनगर दिनाक 02.01.2024 का सन्दर्भ ग्रहण करने का कष्ट करें, जिसके द्वारा निर्धारित प्रारूप पर सूचना चाही गई है।

अतः सन्दर्भित पत्र के अनुपालन में जनपद अम्बेडकरनगर से सम्बन्धित वांछित सूचना निर्धारित प्रारूप पर इस पत्र के साथ संलग्न कर प्रेषित है।

भवदीय,

(मो0 कलीम अहमद) 04.01.2024
जिला खनन अधिकारी,
अम्बेडकरनगर।

पत्र संख्या व दिनांक उपरोक्त।
प्रतिलिपिः–जिलाधिकारी महोदय, अम्बेडकरनगर को सादर सूचनार्थ प्रेषित।

जिला खनन अधिकारी,
अम्बेडकरनगर।

33745

**VII. Mining:**

Financial Year 2023-24 till month of December 2023

**a.**

| Sand Mining | FIR/Case Registered | Vehicles/Mineral Seized | Action Taken Status | Case pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| 2023-24 | 1 case registered | 02 | Vehicle seized and pending in court | 1 | As per EMGSM 2020 and Sustainable sand mining management guidelines enforcement is carried out. |

**b.**

| Area of RBM Mining | Overloading illegal Transport | Action Taken | Penalty Imposed/Recovered |
|---|---|---|---|
| There is no source of RBM in District | 178 | Penalty imposed in 172 case and 6 cases (vehicles) Pending at mining office. | Rs. 46,24,000/- |
| Note:- In district Ambedkar Nagar with flow of River Ghaghra/Sarayu silt/sand deposited. No RBM deposit. are found in the district. | | | |

04/01/2024

प्रेषक,

अधिशासी अभियन्ता
बाढ कार्य खण्ड अयोध्या

प्रेषित,

प्रभागीय वनाधिकारी
वन प्रभाग, अम्बेडकर नगर।

पत्रांक– 37 /बाढ़काखण्डअयो0/एन0जी0टी0/दिनांक 04/01/2024

विषय– Information required in compliance of Hon'ble NGT order dated 04.12.2023 in O.A. 200/2014 MC Mehta Vs UOI and Ors.

सन्दर्भ– आपका पत्रांक 1651/29–1/दिनांक 02.01.2024

महोदय,

कृपया उपरोक्त विषयक सन्दर्भित पत्र का अवलोकन करने की कृपा करें। मा0 एन0जी0टी0 द्वारा पारित आदेश के क्रम में खण्ड से सम्बन्धित वांछित सूचना निर्धारित प्रपत्र पर निम्नानुसार आपके पास प्रेषित है:–

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

| Area- cities/ towns<br>Notification of flood plain zone | Demarcation | | Variable flow (per day) | Encroachment /Encroachment removal status | Timeline for completion | Barrage/ Cross-regulator |
|---|---|---|---|---|---|---|
| | No development zone pillars | Regulatory zone pillars | | | | |
| Under Process | Demarcation of HFL through out Ambedkar Nagar District has been done which is situated at right bank of River Saryu in Year 2023. | | | | | |

अधिशासी अभियन्ता
बाढ़ कार्य खण्ड, अयोध्या



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जल शक्ति मंत्रालय
MINISTRY OF
JAL SHAKTI
सत्यमेव जयते

# Submitted in compliance of

# HON'BLE NATIONAL GREEN TRIBUNAL

## Order Date 05-Feb-2024

## &

## Submitted by :

## DISTRICT GANGA COMMITTEE

## Shahjahanpur (Uttar Pradesh)



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## ABOUT DISTRICT :

Shahjahanpur City is established by Shri Diler Khan and Shri Bahadur Khan sons of Shri Dariya Khan who was a soldier in the army of Mugal Emperor JAHANGEER. Both, Shri Diler Khan and Shri Bahadur Khan were dignitary in the regime of Shahjahan. After, pleasing with the services of Shri Dilerkhan, Shahjahan gifted 14 villages with the permission to construct a Fort. Diler khan developed a fort in "Nainar Khera Village" which was situated on the rivers Garrah and Khannaut. He also established 52 type of Pathan's Caste. Today, most of the mohallas are on the name of these castes.

It is situated at 27.35 N Latitude and 79.37 E longitude. Adjoining districts of the Shahjahanpur are Lakhimpur Khiri, Hardoi, Farrukhabad, Bareilly, Budaun & Pilibhit.Geographical Area of it is 4575 Sq. Kilometer.

This is a Agriculture based District of Uttar Pradesh. Flood – mostly effects Jalalabad Tehsil by Ramganga & Ganga River. Major crops of the district are Wheat, Gram, Millet & Potato.



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## INTRODUCTION OF DISTRICT

### a) Demography

| | | | |
|---|---|---|---|
| Area | 4,575 Sq Km | Population | 346,103 |
| No. of Tehsils | 5 | No. of Parliamentary Constituency | 1 |
| No. of Blocks | 15 | No. of Gram Panchayats | 1077 |
| No. of Town Areas | 10 | No. of Legislative Assemblies | 6 |
| No. of Census | 14 | No. of Revenue Villages | 2325 |

Source - https://shahjahanpur.nic.in/demography/

### b) Geographical

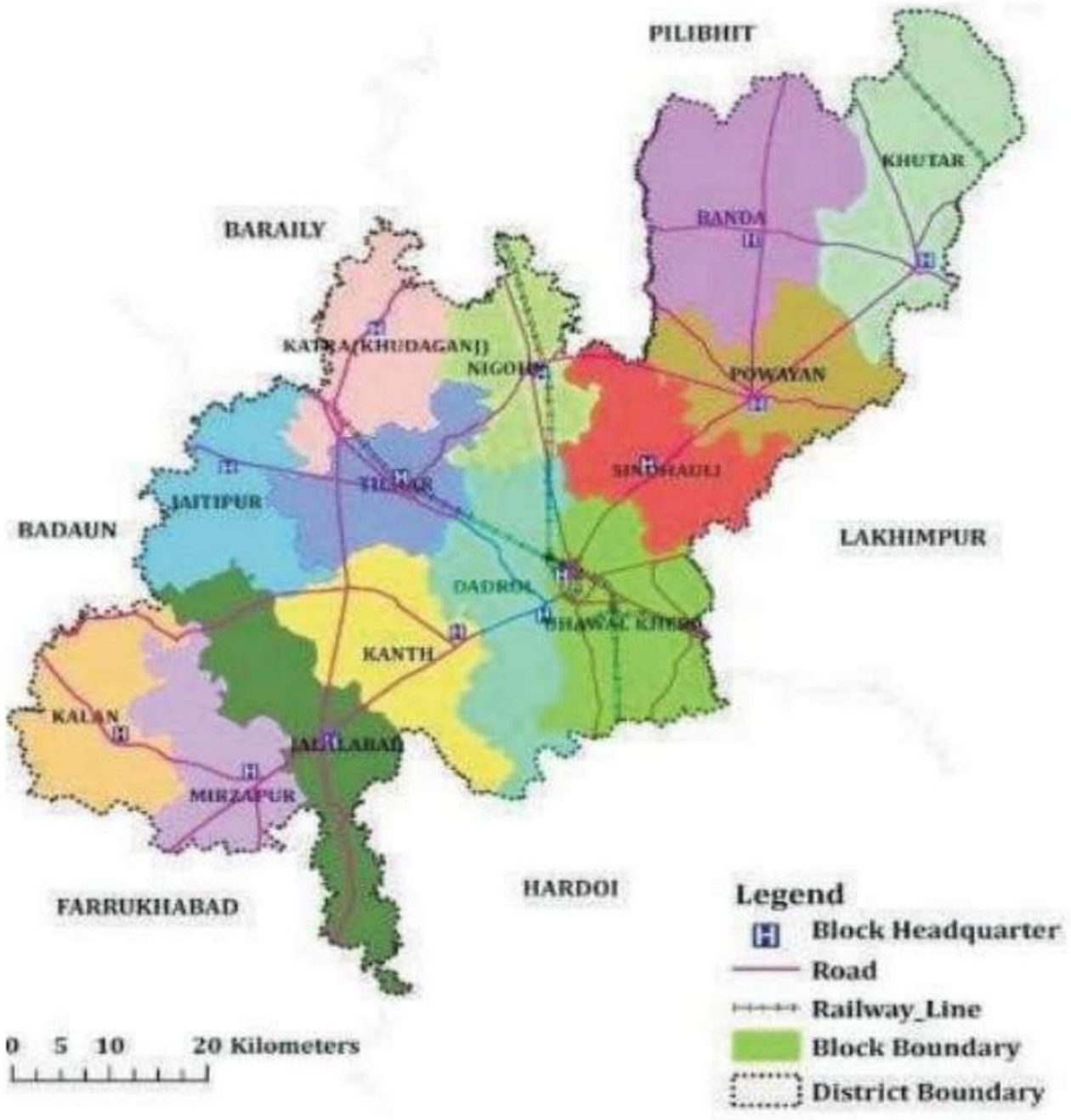
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This is a Agriculture based District of Uttar Pradesh. Flood – mostly effects Jalalabad Tehsil by Ramganga & Ganga River. Major crops of the district are Wheat, Gram, Millet & Potato.



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# Administrative map of Shahjahanpur district, UP






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**I- Sewage:** The above information is to be submitted on the basis of end point sample analysis of the concerned drain.

| Drain (city/town) | Total Drain Capacity (Approx) | Generation/day (MLD) | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | DO | TC | FC | Outlet flow | Colour/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MISHRIPUR DRAIN SHAHJAHANPUR | 1.0 | 0.5 | 7.4 | 42 | 520 | 96 | 853 | Chromium-0.1087<br>Copper-0.0187<br>Lead-ND<br>Iron-2.8984<br>Zinc-0.2627<br>Manganese-0.2048<br>Arsenic-0.003<br>Mercury-ND | 2.1 | 1400000 | 1100000 | 50 | light blackish | River Khanaut |
| SARAI KAAIYA (POLICE CHOKI) DRAIN | 4.2 | 2.1 | 7.6 | 44 | 360 | 80 | 945 | Chromium-0.1087<br>Copper-0.0285<br>Lead-ND<br>Iron-1.1874<br>Zinc-0.2596<br>Manganese-1.7073<br>Arsenic-0.002<br>Mercury-ND | 1.6 | 1200000 | 920000 | 2.1 | light blackish | River Khanaut |
| ROJA AHMADPUR DRAIN | 0.80 | 0.4 | 7.3 | 48 | 320 | 84 | 625 | Chromium-0.3001<br>Copper-0.0480<br>Lead-0.0769<br>Iron-2.4481<br>Zinc-0.3583<br>Manganese-0.2403<br>Arsenic-0.002<br>Mercury-ND | 0 | 1300000 | 1100000 | 0.4 | light blackish | River Khanaut |
| BANKA GHAT DRAIN (LEFT) | 4.00 | 2 | 7.4 | 93 | 640 | 96 | 715 | Chromium-0.1565<br>Copper-0.0187<br>Lead-ND<br>Iron-0.7732<br>Zinc-0.0876<br>Manganese-0.2473<br>Arsenic-ND<br>Mercury-ND | 0 | 14000000 | 8400000 | 2 | light blackish | River Khanaut |



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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BANKA GHAT DRAIN (RIGHT) | 1.00 | 0.5 | 7.3 | 44 | 480 | 86 | 672 | Chromium-0.1087<br>Copper-0.285<br>Lead-0.0769<br>Iron-5.5278<br>Zinc-0.2468<br>Manganese-0.5450<br>Arsenic-.008<br>Mercury-ND | 1.3 | 8400000 | 7900000 | 0.5 | light blackish | River Khanaut |
| ROSHANGANJ D/S HANUMATDHAM DRAIN NEAR RAILWAY LINE, SHAHJAHANPUR | 7.0 | 3.5 | 7.1 | 45 | 360 | 88 | 832 | Chromium-0.1087<br>Copper-0.0382<br>Lead-0.769<br>Iron-1.7998<br>Zinc-0.0939<br>Manganese-0.2615<br>Arsenic-0.002<br>Mercury-ND | 1.2 | 7900000 | 6300000 | 3.5 | light blackish | River Khanaut |
| DALELGANJ KHWAJA FIROZ DRAIN | 2.6 | 1.3 | 7.7 | 48 | 320 | 98 | 636 | Chromium-0.1087<br>Copper-0.0578<br>Lead-0.1538<br>Iron-10.6786<br>Zinc-0.3424<br>Manganese-1.3104<br>Arsenic-0.012<br>Mercury-ND | 2.1 | 6300000 | 4800000 | 1.3 | light blackish | River Khanaut |
| HAMNUMATDHAM DRAIN ROSHANGANJ, SHAHJAHANPUR | 3.0 | 1.5 | 7.6 | 46 | 360 | 88 | 864 | Chromium-0.2044<br>Copper-0.0382<br>Lead-0.0769<br>Iron-4.1951<br>Zinc-0.1959<br>Manganese-0.4033<br>Arsenic-0.005<br>Mercury-ND | 1.1 | 8400000 | 7900000 | 1.5 | light blackish | River Khanaut |
| ANTA CHAURAHA & BRIJ BIHAR DRAIN | 4.0 | 2 | 7.3 | 54 | 400 | 86 | 740 | Chromium-<br>Copper-<br>Lead-<br>Iron-<br>Zinc-<br>Manganese-<br>Arsenic-<br>Mercury- | 0 | 9200000 | 8400000 | 2 | light blackish | River Khanaut |



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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BAHADURPUR & CHAMKANI KARWAL DRAIN | 3.8 | 1.9 | 7.4 | 58 | 520 | 82 | 680 | Chromium-<br>Copper-<br>Lead-<br>Iron-<br>Zinc-<br>Manganese-<br>Arsenic-<br>Mercury- | 1.3 | 1400000 | 1200000 | 1.9 | light blackish | River Khanaut |
| KAKRA DRAIN, SHAHJAHANPUR | 8.0 | 4 | 7.2 | 62 | 400 | 96 | 928 | Chromium-<br>Copper-<br>Lead-<br>Iron-<br>Zinc-<br>Manganese-<br>Arsenic-<br>Mercury- | 1 | 7900000 | 6300000 | 4 | light blackish | River Khanaut/ River Garrah |
| AZIZGANJ DRAIN, SHAHJAHANPUR | 2.6 | 1.3 | 7.3 | 48 | 480 | 80 | 748 | Chromium-0.1565<br>Copper-0.0187<br>Lead-ND<br>Iron-2.6102<br>Zinc-0.1449<br>Manganese-0.3324<br>Arsenic-0.004<br>Mercury-ND | 1.1 | 7900000 | 6300000 | 1.3 | light blackish | River Khanaut/ River Garrah |
| YUNUS KHEL DRAIN, SHAHJAHANPUR | 11.2 | 5.6 | 7.4 | 72 | 240 | 88 | 640 | Chromium-0.0608<br>Copper-0.0968<br>Lead-0.2308<br>Iron-3.9429<br>Zinc-1.0494<br>Manganese-0.3891<br>Arsenic-0.004<br>Mercury-ND | 0 | 9200000 | 8400000 | 5.6 | light blackish | River Khanaut/ River Garrah |
| BAKSHI DRAIN JALALABAD ROAD PIPLAULA, SHAHJAHANPUR | 3.0 | 1.5 | 6.2 | 72 | 520 | 98 | 1020 | Chromium-00130<br>Copper-0.0089<br>Lead-0.0769<br>Iron-1.5476<br>Zinc-0.7054<br>Manganese-0.1269<br>Arsenic-0.002<br>Mercury-ND | 0 | 16000000 | 14000000 | 1.5 | blackish | River Khanaut/ River Garrah |
| KHAWAJA FIROJ DRAIN, SHAHJAHANPUR | 1.40 | 0.70 | 7.6 | 50 | 360 | 84 | 664 | Chromium-0.1087<br>Copper-0.0089<br>Lead-0.0769<br>Iron-0.5211<br>Zinc-0.1672 | 1.9 | 7900000 | 6300000 | .0.70 | light blackish | River Khanaut/ River Garrah |



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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Manganese-0.5450<br>Arsenic-ND<br>Mercury-ND | | | | | | |
| ROJA AHAHMADPUR, RETI DRAIN, SHAHJAHANPUR | 2.6 | 1.3 | 7.5 | 69 | 480 | 94 | 822 | Chromium-0.1087<br>Copper-ND<br>Lead-ND<br>Iron-1.1154<br>Zinc-0.0462<br>Manganese-0.2828<br>Arsenic-0.002<br>Mercury-ND | 1.2 | 9200000 | 8400000 | 1.3 | light blackish | River Khanaut/ River Garrah |
| MEHMURIYA JALALNAGAR DRAIN SHUBHASNAGAR, SHAHJAHANPUR | 5.0 | 2.5 | 7.3 | 54 | 400 | 88 | 720 | Chromium-0.2522<br>Copper-0.0675<br>Lead-0.1538<br>Iron-5.0415<br>Zinc-0.4793<br>Manganese-0.4741<br>Arsenic-0.005<br>Mercury-ND | 0 | 8400000 | 7900000 | 2.5 | light blackish | River Khanaut/ River Garrah |

- **NOTE-** Treatment of Total Coliform and Fecal Coliform will be done through STP, for this purpose Ultra Violet Line is installed in STP. After treatment Total Coliform and Fecal Coliform will be within standard.

**2. STP for treating the sewage of the drains ultimately flowing to river ganga or its tributaries**

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ under construction STP With completion date |
|---|---|---|---|---|---|---|
| Maghai Tola, Capacity-40 MLD (Under Establisation) | 5 MLD. STP is Under Establishment | 4.95 MLD. STP is under establishment hence sample is not taken and analysed. | 1 drain tapped out 17 drain | 2.48 MLD | River Khannaut & River Garrah | 95% work completed, remaining work will be completed by the first week of April 2024. |



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## 2.1 STP ADDITIONAL INFORMATION

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| **Under Construction** | 40 MLD STP (Under Construction) | $27^0$51'06.7"N<br>$79^0$54'35.4"E | No Discharge due to Under Construction | No Discharge due to Under Construction |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/ sampling point | Proposed/ under construction STP with completion date |
|---|---|---|---|---|---|---|
| THERE IS NO ANOTHER STP IS PROPOSED IN DISTRICT SHAHJAHANPUR | | | | | | |



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### 3. Hotels/ Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries

| Name of ULB | Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|---|
| Nagar Nigam Shahjahanpur | 29 | 01 | 01 | Municipal Drain | Notice Sent |
| Nagar Palika Parishad Tilhar | 03 | 00 | No STP | Municipal Drain | Notice Sent |
| Nagar Palika Parishad Powayan | 00 | 00 | No STP | No discharge | Notice Sent |
| Nagar Palika Parishad Jalalabad | 00 | 00 | No STP | No discharge | Notice Sent |
| Nagar Panchayat Nigohi | 00 | Not required | No STP | No discharge | Not required |
| Nagar Panchayat Khutar | 00 | Not required | No STP | No discharge | Not required |
| Nagar Panchayat Khudaganj | 00 | Not required | No STP | No discharge | Not required |
| Nagar Panchayat Katra | 00 | Not required | No STP | No discharge | Not required |
| Nagar Panchayat Kant | 02 | NO CTE/CTO | No STP | Municipal Drain | Notice Sent |
| Nagar Panchayat Kalan | 00 | Not required | No STP | No discharge | Not required |
| Nagar Panchayat Banda | 00 | Not required | No STP | No discharge | Not required |
| Nagar Panchayat Allahganj | 00 | Not required | No STP | No discharge | Not required |
| **TOTAL** | **34** | **01** | **01** | **Municipal Drain** | **Notice sent to 33 Hotel/Ashram** |



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## List of Hotel/Darmshala

| Name of ULB | Number of Hotels/ ashrams/ dharamshalas |
|---|---|
| Nagar Nigam Shahjahanpur | 1. M/s The Grand ARC, Navada Indepur, opposite Mumuksha ashram<br>2. Babylon Resort,<br>3. Hotel Swagat, Rickshaw Stand Bahadur ganj Road, Sadar Bazar,<br>4. Singh Guest House, Singh Hospital, Kutchery Road,Khirni Bagh<br>5. Pratiksha Home,<br>6. Hotel All is Well and Resturant, Azizganj,<br>7. City Home Stay, Near SP Office Kutchery Road,<br>8. Hotel Arhan<br>9. Hotel Shri Maha Kali Palace, Old Flyover, Sadar Bazar<br>10. Durga Hotel Inn, Officers Coloney<br>11. Hotel Paradise, Station Road, Ram Nagar Coloney<br>12. Hotel Grand Inn, Khirni Bagh, Sadar Bazar.<br>13. City Home Stay Guest House, Indira Nagar Coloney Road, Near City Public School, Brij Vihar Coloney<br>14. Hotel Royal Panna, Town Hall Road, Sadar Bazar<br>15. Hotel Satayam, Town Hall Road, Sadar Bazar<br>16. Hotel Sahara, NH24, Marha<br>17. Surya Hotel, Lala Tele Bajariya, Malgodam Road, Badujai Awwal<br>18. Hotel The Arc, Sondha<br>19. Mezban Hotel, Shahjahanpur Bye pasam Road<br>20. Hotel Park Inn, Near Police Chauki, Lodhipur<br>21. Rahi Tourist Bunalow, Kaench<br>22. Hotel Pathik, Marha, NH24, Tilhar Raod. |



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| | |
|---|---|
| | 23. Kapoors Hut, Near Bareilly Mod<br>24. Aasha Mannat Guest House, Near Railway Settlement, Rosa,<br>25. Pankhi Hotel, Near Kali Badi Mandir, Khirni Bazar,<br>26. Hotel Imroz, Kachcha Katra More Road, Kachcha Katra,<br>27. Taj Hotel & Lodge, Station Road, Near Railway Station<br>28. Laxmi Hotel & Lodge, Ram Nagar Coloney<br>29. Hotel Classic, Station Road, Ramnagar Coloney |
| Nagar Palika Parishad Tilhar | 1. Diamond Hotel, Mohalla Pachasa, Tilhar<br>2. S.K Restorent Moh- Nizamganj Tilhar<br>3. Couple Way Moh- Ummarpur Sarauroad |
| Nagar Panchayat Kant | 1. Shimla Dhaba, Kant<br>2. Bharat Dhaba, Kant |

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

| Total number of Industries | Daily effluent discharge | Treatment available (CETP/ PETP/ ETP operational capacity) | Effluent quality analysis (outlet of treatment plants) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 16 | 34412 KLD | 34412 KLD | List is on the next page. | No GAP | NO Proposed/ Under Construction | NO defaulting Unit | ASH.-222.792 MTD<br>PRESS MUD-885 MTD | *Boiler Ash*-Disposed in low lying area and used in Bio-Fertilizer.<br>*Press Mud*-used as manure. |



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# Details of GPI Categories Industries, Shahjahanpur

| S. No | Name and Address of the unit | District | Production Capacity | Sector | ETP Status | Discharge | Intermediate and Final Discharge point | Environment Compliance Status (Complying/non Complying) |
|---|---|---|---|---|---|---|---|---|
| 1 | Bajaj Hindustan LTD (Sugar unit), Unit Maqsudapur, Block Banda, Shahjahanpur. | Shahjahanpur | 10000 TCD | Sugar | Installed & operating | 1000 KLD | No Discharge Used in Irrigation | Complying |
| 2 | Bajaj Energy Ltd, unit Maqsudapur, Block banda, Shahjahanpur | Shahjahanpur | 90 MW | Thermal Power plants | Installed & operating | 980 KLD | No Discharge Used in Irrigation | Complying |
| 3 | Dalmia Chini Mills Distillery Unit Nigohi, Shahjahanpur | Shahjahanpur | 110 LED | Distillery | Installed & operating | ZERO | Incineration Boiler Throw MEE | Complying |
| 4 | Dalmiya Chini Mills, Nigohi, S | Shahjahanpur | 1000 TCD | Sugar | Installed & operating | 2000 KLD | No Discharge used in irrigation | Complying |
| 5 | K.R Pula & Papers Ltd (Unit 1) Shahjahanpur. | Shahjahanpur | 2000 TCD | Paper | Installed & operating | 3276 KLD | Recycled in Bagasse (Partially Discharge in bakshi Drain) | Complying |
| 6 | K.R Pula & Papers Ltd (Unit 2) Shahjahanpur. | Shahjahanpur | 4000 TCD | Paper | Installed & operating | 9400 KLD | Recycled in Bagasse (Partially Discharge in bakshi Drain) | Complying |
| 7 | Kisan Shakari Chini Mills Ltd Powayan, Shahjahanpur | Shahjahanpur | 2500 TCD | Sugar | Installed & operating | 250 KLD | No Discharge Used in Irrigation | Complying |
| 8 | Kisan Shakari Chini Mills Ltd Tilhar, Shahjahanpur | Shahjahanpur | 2500 TCD | Sugar | Installed & operating | 250 KLD | No Discharge Used in Irrigation | Complying |
| 9 | Kribhco Shyam Fertilizer, Piprola Shahjahanpur | Shahjahanpur | Urea-1095000 MTA | Fertilizer | Installed & operating | 110 KLD | No Discharge Used in Irrigation | Complying |



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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 | Rosa Power Supply co Ltd (Stage-1) Rosa, Shahjahanpur | Shahjahanpur | Power Generation of 600 MW (2*300MW) Power plant | Thermal Power plants | Installed & operating | 7296 KLD | Recycled in process | Complying |
| 11 | Rosa Power Supply co Ltd (Stage-2) Rosa, Shahjahanpur | Shahjahanpur | Power Generation of 600 MW (2*300MW) Power plant | Thermal Power plants | Installed & operating | 9360 KLD | Recycled in Process | Complying |
| 12 | Awadh Sugar & Energy unit Rosa Sugar Works, Rosa Shahjahanpur | Shahjahanpur | 450 TPD | Sugar | Installed & operating | 450 KLD | No Discharge Used in Irrigation | Complying |
| 13 | United Sprites Ltd Rosa, Shahjahanpur | Shahjahanpur | ENA 30 KLD | Distillery | Installed & operating | 40 KLD | Self-Closed | Complying |
| 14 | Rajshree Fine Chemicals Ltd, Katra Shahjahanpur | Shahjahanpur | 160 KLD | Distillery | Installed & operating | ZERO | Incineration Boiler Throw MEE | Complying |
| 15 | M/S Risikesh Cement Company Shahjahanpur | Shahjahanpur | 50 TPD | Cement | Installed & operating | ZERO | No Effluent Generation | Complying |
| 16 | Malbros International Pvt Ltd Bhatiyura, Tilhar,Shahjhanpur | Shahjahanpur | 160 KLD | Distillery | Installed & operating | ZERO | Incineration Boiler Throw MEE | Complying |



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V. Regulation of Flood Plain Zone:

| Area- cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge GeoCode/ Sampling point | Encroachment Removal Status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| SHAHJAHANPUR | Notification done along the B.D. Bundh on board. | 479 | 367 | Lattitude-27.653666<br>Longitude – 79.425437<br>Max. Discharge-610839 Qusec. | No Encroachment found in flood zone | Completed |

**6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones**

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | | | | Proposed project | Time line |
|---|---|---|---|---|---|---|
| | Name of River | Area (In HA) | No. of Sampling Plants (2023-24) | Geo Code/Sampling Point | | |
| Kalan & Mirzapur | Ganga River | 113 | 180800 | 27.634935°N 79.417083°E<br>27.650825°N 79.366199°E | 5,32,800 in financial year 2024-25 | July-August 2024 |
| Powayan, Banda & Khutar | Gomti River | 66 | 105600 | 28.217629°N 80.295579°E | | |
| Shahjahanpur | Khannaut River | 25 | 40000 | 27.884370°N 79.924058°E | | |
| Powayan | Bhaisi River | 5 | 8000 | 28.175141°N 80.173806°E | | |
| Shahjahanpur | Garrah River | 27.81 | 44500 | 27.954473°N 79.857827°E | | |
| **TOTAL** | **05 RIVER** | **236.81** | **378900** | | | |



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

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| NIL | No FIR/Case have registered in 2023-24 | No any Vehicle/mineral seized | Not required due to No FIR/Case | There is no any pending Court Case | Followed by Deptt. |

1. The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

**(1) District Ganga Protection Plan at city/ town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

- The District Ganga Plan for Shahjahanpur (UP) has been developed as a Model District Ganga Plan in a joint effort with the members of the District Ganga Committee Shahjahanpur, NMCG, SMCG and GIZ experts. A planning cycle of 5 years is foreseen, which started in 2022 with the preparation of the DGP. The progress is monitored and evaluated during the implementation which then leads to the selection of KWMls for the next 5-Year planning cycle and the elaboration of new interventions, specific targets and concrete action plan. DGP Shahjahanpur has submitted to State Mission for Clean Ganga on 23 August 2023 for Approval.



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## (2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)

### 1. Sewage Management

(i) Sewage generation (for entire District and individual town wise):

| Sl. No. | Name of ULB | Total Sewage Generation (MLD) |
|---|---|---|
| 1 | Nagar Nigam, Shahjahanpur | 42.48 |
| 2 | Nagar Palika Parishad Tilhar | 8.1 |
| 3 | Nagar Palika Parishad Powayan | 3.60 |
| 4 | Nagar Palika Parishad Jalalabad | 5.07 |
| 5 | Nagar Panchayat Nigohi | 2.73 |
| 6 | Nagar Panchayat Khutar | 2.27 |
| 7 | Nagar Panchayat Khudaganj | 1.95 |
| 8 | Nagar Panchayat Katra | 4.30 |
| 9 | Nagar Panchayat Kant | 3.60 |
| 10 | Nagar Panchayat Kalan | 2.12 |
| 11 | Nagar Panchayat Banda | 2.74 |
| 12 | Nagar Panchayat Allahganj | 1.95 |
| | **TOTAL SEWAGE OF ENTIRE DISTRICT** | **80.91** |



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(ii) Existing Sewage Treatment Capacities :

- **32 KLD FSTP in operation & 40 MLD STP (Under Construction)**

(iii) Quantity of sewage is being treated (utilization capacity) :Performance of STPs particularly for FC :

- **Utilization at Present – 0 MLD (due to under Construction)**
- **Gap in sewage Treatment – 13.178 MLD**
- **Sewage Treatment after operation of STP at full capacity – 40 MLD**

(iv) Where treated sewage is being discharged (to Ganga or tributaries) :

- **Not applicable due to under Construction.**

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

- **The STP is in under construction and House hold connection & laying of sewer lines of going on in District.**

(vi) Current Gap in sewage treatment :

- **Total Sewage Generation – 42.48MLD**
- **Faecal Sludge Treatment at Present – 32 KLD**
- **Gap – 2.48 MLD**
- **Sewage Treatment after the functional of STP at full capacity – 40 MLD**

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

- **No. 32 KLD FSTP in operation.**

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

- **There is no untreated sewage directly going into River Ganga.**



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## 2.2 Drains joining Ganga and Tributary

i) Number of drains carrying sewage – sullage or industrial waste water joining Ganga /Tributaries with their quantity and quality

| Drain (city/town) | Total Drain Capacity (Approx) | Generation/day (MLD) | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | DO | TC | FC | Outlet flow | Colour/ odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MISHRIPUR DRAIN SHAHJAHANPUR | 1.0 | 0.5 | 7.4 | 42 | 520 | 96 | 853 | Chromium-0.1087<br>Copper-0.0187<br>Lead-ND<br>Iron-2.8984<br>Zinc-0.2627<br>Manganese-0.2048<br>Arsenic-0.003<br>Mercury-ND | 2.1 | 1400000 | 1100000 | 50 | light blackish | River Khanaut |
| SARAI KAAIYA (POLICE CHOKI) DRAIN | 4.2 | 2.1 | 7.6 | 44 | 360 | 80 | 945 | Chromium-0.1087<br>Copper-0.0285<br>Lead-ND<br>Iron-1.1874<br>Zinc-0.2596<br>Manganese-1.7073<br>Arsenic-0.002<br>Mercury-ND | 1.6 | 1200000 | 920000 | 2.1 | light blackish | River Khanaut |
| ROJA AHMADPUR DRAIN | 0.80 | 0.4 | 7.3 | 48 | 320 | 84 | 625 | Chromium-0.3001<br>Copper-0.0480<br>Lead-0.0769<br>Iron-2.4481<br>Zinc-0.3583<br>Manganese-0.2403<br>Arsenic-0.002<br>Mercury-ND | 0 | 1300000 | 1100000 | 0.4 | light blackish | River Khanaut |
| BANKA GHAT DRAIN (LEFT) | 4.00 | 2 | 7.4 | 93 | 640 | 96 | 715 | Chromium-0.1565<br>Copper-0.0187<br>Lead-ND<br>Iron-0.7732<br>Zinc-0.0876<br>Manganese-0.2473<br>Arsenic-ND<br>Mercury-ND | 0 | 14000000 | 8400000 | 2 | light blackish | River Khanaut |



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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BANKA GHAT DRAIN (RIGHT) | 1.00 | 0.5 | 7.3 | 44 | 480 | 86 | 672 | Chromium-0.1087<br>Copper-0.285<br>Lead-0.0769<br>Iron-5.5278<br>Zinc-0.2468<br>Manganese-0.5450<br>Arsenic-.008<br>Mercury-ND | 1.3 | 8400000 | 7900000 | 0.5 | light blackish | River Khanaut |
| ROSHANGANJ D/S HANUMATDHAM DRAIN NEAR RAILWAY LINE, SHAHJAHANPUR | 7.0 | 3.5 | 7.1 | 45 | 360 | 88 | 832 | Chromium-0.1087<br>Copper-0.0382<br>Lead-0.769<br>Iron-1.7998<br>Zinc-0.0939<br>Manganese-0.2615<br>Arsenic-0.002<br>Mercury-ND | 1.2 | 7900000 | 6300000 | 3.5 | light blackish | River Khanaut |
| DALELGANJ KHWAJA FIROZ DRAIN | 2.6 | 1.3 | 7.7 | 48 | 320 | 98 | 636 | Chromium-0.1087<br>Copper-0.0578<br>Lead-0.1538<br>Iron-10.6786<br>Zinc-0.3424<br>Manganese-1.3104<br>Arsenic-0.012<br>Mercury-ND | 2.1 | 6300000 | 4800000 | 1.3 | light blackish | River Khanaut |
| HAMNUMATDHAM DRAIN ROSHANGANJ, SHAHJAHANPUR | 3.0 | 1.5 | 7.6 | 46 | 360 | 88 | 864 | Chromium-0.2044<br>Copper-0.0382<br>Lead-0.0769<br>Iron-4.1951<br>Zinc-0.1959<br>Manganese-0.4033<br>Arsenic-0.005<br>Mercury-ND | 1.1 | 8400000 | 7900000 | 1.5 | light blackish | River Khanaut |
| ANTA CHAURAHA & BRIJ BIHAR DRAIN | 4.0 | 2 | 7.3 | 54 | 400 | 86 | 740 | Chromium-<br>Copper-<br>Lead-<br>Iron-<br>Zinc-<br>Manganese-<br>Arsenic-<br>Mercury- | 0 | 9200000 | 8400000 | 2 | light blackish | River Khanaut |



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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BAHADURPUR & CHAMKANI KARWAL DRAIN | 3.8 | 1.9 | 7.4 | 58 | 520 | 82 | 680 | Chromium-<br>Copper-<br>Lead-<br>Iron-<br>Zinc-<br>Manganese-<br>Arsenic-<br>Mercury- | 1.3 | 1400000 | 1200000 | 1.9 | light blackish | River Khanaut |
| KAKRA DRAIN, SHAHJAHANPUR | 8.0 | 4 | 7.2 | 62 | 400 | 96 | 928 | Chromium-<br>Copper-<br>Lead-<br>Iron-<br>Zinc-<br>Manganese-<br>Arsenic-<br>Mercury- | 1 | 7900000 | 6300000 | 4 | light blackish | River Khanaut/ River Garrah |
| AZIZGANJ DRAIN, SHAHJAHANPUR | 2.6 | 1.3 | 7.3 | 48 | 480 | 80 | 748 | Chromium-0.1565<br>Copper-0.0187<br>Lead-ND<br>Iron-2.6102<br>Zinc-0.1449<br>Manganese-0.3324<br>Arsenic-0.004<br>Mercury-ND | 1.1 | 7900000 | 6300000 | 1.3 | light blackish | River Khanaut/ River Garrah |
| YUNUS KHEL DRAIN, SHAHJAHANPUR | 11.2 | 5.6 | 7.4 | 72 | 240 | 88 | 640 | Chromium-0.0608<br>Copper-0.0968<br>Lead-0.2308<br>Iron-3.9429<br>Zinc-1.0494<br>Manganese-0.3891<br>Arsenic-0.004<br>Mercury-ND | 0 | 9200000 | 8400000 | 5.6 | light blackish | River Khanaut/ River Garrah |
| BAKSHI DRAIN JALALABAD ROAD PIPLAULA, SHAHJAHANPUR | 3.0 | 1.5 | 6.2 | 72 | 520 | 98 | 1020 | Chromium-00130<br>Copper-0.0089<br>Lead-0.0769<br>Iron-1.5476<br>Zinc-0.7054<br>Manganese-0.1269<br>Arsenic-0.002<br>Mercury-ND | 0 | 16000000 | 14000000 | 1.5 | blackish | River Khanaut/ River Garrah |
| KHAWAJA FIROJ DRAIN, SHAHJAHANPUR | 1.40 | 0.70 | 7.6 | 50 | 360 | 84 | 664 | Chromium-0.1087<br>Copper-0.0089<br>Lead-0.0769<br>Iron-0.5211<br>Zinc-0.1672 | 1.9 | 7900000 | 6300000 | .0.70 | light blackish | River Khanaut/ River Garrah |



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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Manganese-0.5450<br>Arsenic-ND<br>Mercury-ND | | | | | | |
| ROJA AHAHMADPUR, RETI DRAIN, SHAHJAHANPUR | 2.6 | 1.3 | 7.5 | 69 | 480 | 94 | 822 | Chromium-0.1087<br>Copper-ND<br>Lead-ND<br>Iron-1.1154<br>Zinc-0.0462<br>Manganese-0.2828<br>Arsenic-0.002<br>Mercury-ND | 1.2 | 9200000 | 8400000 | 1.3 | light blackish | River Khanaut/ River Garrah |
| MEHMURIYA JALALNAGAR DRAIN SHUBHAS NAGAR, SHAHJAHANPUR | 5.0 | 2.5 | 7.3 | 54 | 400 | 88 | 720 | Chromium-0.2522<br>Copper-0.0675<br>Lead-0.1538<br>Iron-5.0415<br>Zinc-0.4793<br>Manganese-0.4741<br>Arsenic-0.005<br>Mercury-ND | 0 | 8400000 | 7900000 | 2.5 | light blackish | River Khanaut/ River Garrah |

**NOTE-** Treatment of Total Coliform and Fecal Coliform will be done STP, for this purpose Ultra Violet Line is installed in STP. After treatment Total Coliform and Fecal Coliform will be within the bathing standard.

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

- **No, TABLE AS ABOVE 2.1**

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

- **01 STP is under construction at MAGHAI TOLA, Capacity – 40 MLD**

## 2. Septage management (In case of no STP)

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

- **32 KLD FSTP in operation.**

ii. Management of Grey water and its disposal:

- **40 MLD STP (Under Construction)**



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**2.4 Industrial Pollution Control**

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

## Details of GPI Categories Industries, Shahjahanpur

| S. No | Name and Address of the unit | District | Production Capacity | Sector | ETP Status | Discharge | Intermediate and Final Discharge point | Environment Compliance Status (Complying/non Complying) |
|---|---|---|---|---|---|---|---|---|
| 1 | Bajaj Hindustan LTD (Sugar unit), Unit Maqsudapur, Block Banda, Shahjahanpur. | Shahjahanpur | 10000 TCD | Sugar | Installed & operating | 1000 KLD | No Discharge Used in Irrigation | Complying |
| 2 | Bajaj Energy Ltd, unit Maqsudapur, Block banda, Shahjahanpur | Shahjahanpur | 90 MW | Thermal Power plants | Installed & operating | 980 KLD | No Discharge Used in Irrigation | Complying |
| 3 | Dalmia Chini Mills Distillery Unit Nigohi, Shahjahanpur | Shahjahanpur | 110 LED | Distillery | Installed & operating | ZERO | Incineration Boiler Throw MEE | Complying |
| 4 | Dalmiya Chini Mills, Nigohi, S | Shahjahanpur | 1000 TCD | Sugar | Installed & operating | 2000 KLD | No Discharge used in irrigation | Complying |
| 5 | K.R Pula & Papers Ltd (Unit 1) Shahjahanpur. | Shahjahanpur | 2000 TCD | Paper | Installed & operating | 3276 KLD | Recycled in Bagasse (Partially Discharge in bakshi Drain) | Complying |
| 6 | K.R Pula & Papers Ltd (Unit 2) Shahjahanpur. | Shahjahanpur | 4000 TCD | Paper | Installed & operating | 9400 KLD | Recycled in Bagasse (Partially Discharge in bakshi Drain) | Complying |
| 7 | Kisan Shakari Chini Mills Ltd Powayan, Shahjahanpur | Shahjahanpur | 2500 TCD | Sugar | Installed & operating | 250 KLD | No Discharge Used in Irrigation | Complying |
| 8 | Kisan Shakari Chini Mills Ltd Tilhar, Shahjahanpur | Shahjahanpur | 2500 TCD | Sugar | Installed & operating | 250 KLD | No Discharge Used in Irrigation | Complying |
| 9 | Kribhco Shyam Fertilizer, Piprola Shahjahanpur | Shahjahanpur | Urea-1095000 MTA | Fertilizer | Installed & operating | 110 KLD | No Discharge Used in Irrigation | Complying |



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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 | Rosa Power Supply co Ltd (Stage-1) Rosa, Shahjahanpur | Shahjahanpur | Power Generation of 600 MW (2*300MW) Power plant | Thermal Power plants | Installed & operating | 7296 KLD | Recycled in process | Complying |
| 11 | Rosa Power Supply co Ltd (Stage-2) Rosa, Shahjahanpur | Shahjahanpur | Power Generation of 600 MW (2*300MW) Power plant | Thermal Power plants | Installed & operating | 9360 KLD | Recycled in Process | Complying |
| 12 | Awadh Sugar & Energy unit Rosa Sugar Works, Rosa Shahjahanpur | Shahjahanpur | 450 TPD | Sugar | Installed & operating | 450 KLD | No Discharge Used in Irrigation | Complying |
| 13 | United Sprites Ltd Rosa, Shahjahanpur | Shahjahanpur | ENA 30 KLD | Distillery | Installed & operating | 40 KLD | Self-Closed | Complying |
| 14 | Rajshree Fine Chemicals Ltd, Katra Shahjahanpur | Shahjahanpur | 160 KLD | Distillery | Installed & operating | ZERO | Incineration Boiler Throw MEE | Complying |
| 15 | M/S Risikesh Cement Company Shahjahanpur | Shahjahanpur | 50 TPD | Cement | Installed & operating | ZERO | No Effluent Generation | Complying |
| 16 | Malbros International Pvt Ltd Bhatiyura, Tilhar,Shahjhanpur | Shahjahanpur | 160 KLD | Distillery | Installed & operating | ZERO | Incineration Boiler Throw MEE | Complying |



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## (3) Water quality status

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

**RIVER WATER SAMPLING JANUARY-2024**

| SR. NO. | Name of River | Sampling Point | Dt. Of Sampling | Colour (Hazen/Appearance) | Odour | pH | D.O (mg/L) | B.O.D (mg/L) | C.O.D (mg/L) | Hardness as $CaCO_3$ (mg/L) | Calcium as $Ca^{++}$ (mg/L) | Magnesium as $Mg^{++}$ (mg/L) | Chloride as $Cl^{-}$ (mg/L) | Alkalinity as $CaCO_3$ (mg/L) | TDS (mg/L) | TSS (mg/L) | TS (mg/L) | E.C. (µS/cm) | TURBIDITY (NTU) | Total Coliform (MPN/100ml) | Fecal Coliform (MPN/100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Ramganga | D/S Farrukhabad road ,Allahganj | 02.01..2024 | 18 | Odourless | 8.2 | 9.8 | 2.4 | 24 | 146 | 32.8 | 15.6 | 16 | 52 | 338 | 46 | 384 | 507 | 40 | 4800 | 4000 |
| 2 | Ramganga | D/S Farrukhabad road ,Allahganj | 05.01..2024 | 20 | Odourless | 8.0 | 9.9 | 2.5 | 20 | 144 | 31.2 | 16.0 | 14 | 50 | 284 | 54 | 338 | 426 | 42 | 4800 | 4000 |
| 3 | Garrah river | U/S Chaurera village, Roza | 08.01..2024 | 15 | Odourless | 7.8 | 8.7 | 2.4 | 20 | 160 | 35.2 | 17.5 | 16 | 54 | 256 | 58 | 314 | 384 | 40 | 13000 | 9200 |
| 4 | Garrah river | shahjahanpur road Bridge | 08.01..2024 | 25 | Odourless | 8.0 | 8.4 | 3.1 | 28 | 168 | 36.8 | 18.5 | 22 | 58 | 324 | 60 | 384 | 486 | 54 | 14000 | 11000 |
| 5 | khannaut river | shahjahanpur road Bridge | 08.01..2024 | 25 | Odourless | 8.0 | 8.3 | 3.8 | 32 | 178 | 37.6 | 20.4 | 24 | 66 | 348 | 70 | 418 | 522 | 58 | 2200 | 1700 |
| 6 | Ramganga | D/S Farrukhabad road ,Allahganj | 09.01..2024 | 20 | Odourless | 8.0 | 9.8 | 2.4 | 20 | 146 | 32.8 | 15.6 | 16 | 48 | 288 | 60 | 348 | 432 | 40 | 4000 | 3500 |



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| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | Ramganga | D/S Farrukhabad road ,Allahganj | 12.01..2024 | 20 | Odourless | 7.6 | 9.6 | 2.3 | 16 | 150 | 31.2 | 17.5 | 14 | 44 | 264 | 48 | 312 | 396 | 42 | 4000 | 3500 |
| 8 | Ramganga | D/S Farrukhabad road ,Allahganj | 16.01..2024 | 20 | Odourless | 7.8 | 9.7 | 2.4 | 20 | 154 | 32.0 | 18.0 | 14 | 46 | 274 | 58 | 332 | 411 | 44 | 3500 | 2600 |
| 9 | Gomti river | D/S powayan khutar road bridge | 18.01..2024 | 12 | Odourless | 8.2 | 8.8 | 2.1 | 20 | 144 | 32.0 | 15.6 | 18 | 86 | 228 | 40 | 268 | 342 | 30 | 2700 | 1400 |
| 10 | Ramganga | D/S Farrukhabad road ,Allahganj | 19.01..2024 | 20 | Odourless | 8.0 | 9.8 | 2.5 | 20 | 150 | 31.2 | 17.5 | 16 | 44 | 252 | 56 | 308 | 378 | 38 | 4600 | 3500 |
| 11 | Garrah river | U/S Chaurera village, Roza | 22.01..2024 | 15 | Odourless | 8.0 | 8.9 | 2.5 | 24 | 156 | 32.8 | 18.0 | 14 | 44 | 264 | 60 | 324 | 396 | 44 | 12000 | 8400 |
| 12 | Garrah river | shahjahanpur road Bridge | 22.01..2024 | 25 | Odourless | 7.8 | 8.2 | 3.0 | 32 | 170 | 43.2 | 15.1 | 24 | 60 | 373 | 68 | 441 | 560 | 50 | 3800 | 2700 |
| 13 | khannaut river | shahjahanpur road Bridge | 22.01..2024 | 25 | Odourless | 8.2 | 8.1 | 3.7 | 32 | 180 | 40.8 | 19.0 | 26 | 56 | 366 | 78 | 444 | 549 | 40 | 3100 | 2600 |
| 14 | Ramganga | D/S Farrukhabad road ,Allahganj | 23.01..2024 | 20 | Odourless | 8.0 | 9.9 | 2.3 | 24 | 146 | 33.6 | 15.1 | 12 | 40 | 274 | 60 | 334 | 411 | 40 | 4000 | 2600 |
| 15 | Ramganga | D/S Farrukhabad road ,Allahganj | 26.01..2024 | 20 | Odourless | 7.8 | 9.8 | 2.4 | 24 | 150 | 31.2 | 17.5 | 14 | 38 | 264 | 62 | 326 | 396 | 38 | 6300 | 4600 |
| 16 | Ramganga | D/S Farrukhabad road ,Allahganj | 30.01..2024 | 20 | Odourless | 7.8 | 9.9 | 2.3 | 20 | 148 | 32.0 | 16.5 | 16 | 42 | 328 | 38 | 366 | 492 | 42 | 4600 | 2600 |



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**(4)** Notification of **Flood Plain Zones** :

- **Notification done along the B.D. Bundh on board.**
- **14.560 KM B.D. Bundh is constructed along the Right bank of River Ganga**
- **There is No encroachment found near B.D. Bundh at river Ganga**
- **Demarcation of Flood Plain Zone : Completed**
  - **(i) No. of development zone pillars is 479**
  - **(ii) No. of Regulatory zone pillars is 369**

**(5)** Issues relating to **Environmental Flow**:

- **There is no any issue related to Environmental Flow in District Shahjahanpur**

- **Two location on river/s where joint E-Flow monitoring is being done regularly-**
  - **(i) Shahjahanpur Road Bridge, Shahjahanpur**
  - **(ii) Pali Shahabad Road Bridge, Shahjahanpur**

- **04 Rivers are monitoring Frequently & Weekly by UPPCB Bareilly.**
  - **(i) Garrah River**
  - **(ii) Khannaut River**
  - **(iii) Ramganga River**
  - **(iv) East Behgul River**

## BEST PRACTICE

- UPOCMMS (UP Online Consent Management & Monitoring System)

**Background:**

Central Pollution Control Board (CPCB) plays role in abatement and control of pollution in the country by generating relevant data, providing scientific information, rendering technical inputs for formation of national policies and programs, training and development of manpower and organizing activities for promoting awareness at different levels of the Government and public. Central Pollution Control Board has planned to develop Online Consent Management and Monitoring System (OCMMS) for each state with



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help of National Informatics Centre (NIC) in all over India. In the year 7102, the Online Consent Management and Monitoring System (OCMMS) was implemented in Uttar Pradesh by the Central Pollution Control Board, its purpose to facilitate Industries to apply and Obtain on line for Consent to Establishment(CTE), Consent to Operate Water and Air (CTO Water & Air), Hazardous Waste Authorization, Bio-Medical Waste Authorization, Authorization under Plastic Waste Management Rule 7102, Authorization under Solid Waste Management Russia 7102, Authorization under E-waste Management Rules 7102, Authorization under CND Rules 7102.

**Intervention:**

To implement this process, Central Pollution Control Board organised Training programme & provided OCMMS software to Uttar Pradesh Pollution Control Board, site for this software is *upocmms.nic.in*. By using upocmms.nic.in one can apply for above said certificate from anywhere and can monitor his application, to whom it is pending and how long it was pending in some once account. At present *upocmms.nic.in* under Single Window System it is available through "NIVESH MITRA (niveshmitra.nic.in)"

**Impact on public:**

It had such a good impact on the public that there is no need to approach or call UPPCB office. Monitoring of application is very easy in all steps. After approval Certificate can be downloaded from nivesh mitra site or from **upocmms.nic.in.**

**Key Outcome:**

1. As all the applications are online, the status of Granted, Reject and Pending applications also remains online. Therefore, the status of applications available to everyone at all time. Result of this is all application are disposed within time or before time prescribed by UPPCB, HO and no pendency of application during the meeting of District Udyog Bandhu or Divisional Udyog Bandhu.
2. Industries have got the biggest benefit that the industrialist can monitor the application from his mobile or computer from wherever he is, at what stage his application is pending or if any query or approved. In case of query raised by uppcb email is send to registered email-id by Nivesh Mitra.
3. The certificate issued by the ***upocmms*** can be downloaded online, from its site or from Nivesh Mitra. for Need not to come to UPPCB office.
4. In the disposal of the application, the application is disposed of at several levels and finally the certificate is digitally signed by the competent authority, in this process it is known at what level the application has been pending for how long time. Regional Officer is



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Competent officers, keep monitoring continuously, if the application is pending with any officer after the prescribed period. then they order it for quick disposal.

5. Generated Certificate is available of all previous year on site and if required can be verified or download at any time by any person like Bank officials, Revenue Department officials etc.

**Summary**

1. It has become very convenient to each and every person if he forget/misplaced/damage certificate then need not to worry, certificate could be downloaded from site at any time.
2. Verification of certificate, which is produced by the any person concern, it is very easy to verify the certificate by putting application id in OCMMS site.

**Lesson Learnt:**

On line systems are very convenient for public as well as Department. We are about to use and adopt on line CTO, CTE, Hazardous waste and for other application On Line Reporting System. By Using on line reporting system disposal off application will be very fast.

- All Ganga Village (Near Ganga River) has declared as ODF+.
- Nagar Nigam Shahjahanpur Take a great initiative namely Kooda Dhan by co-ordination with NGO's.

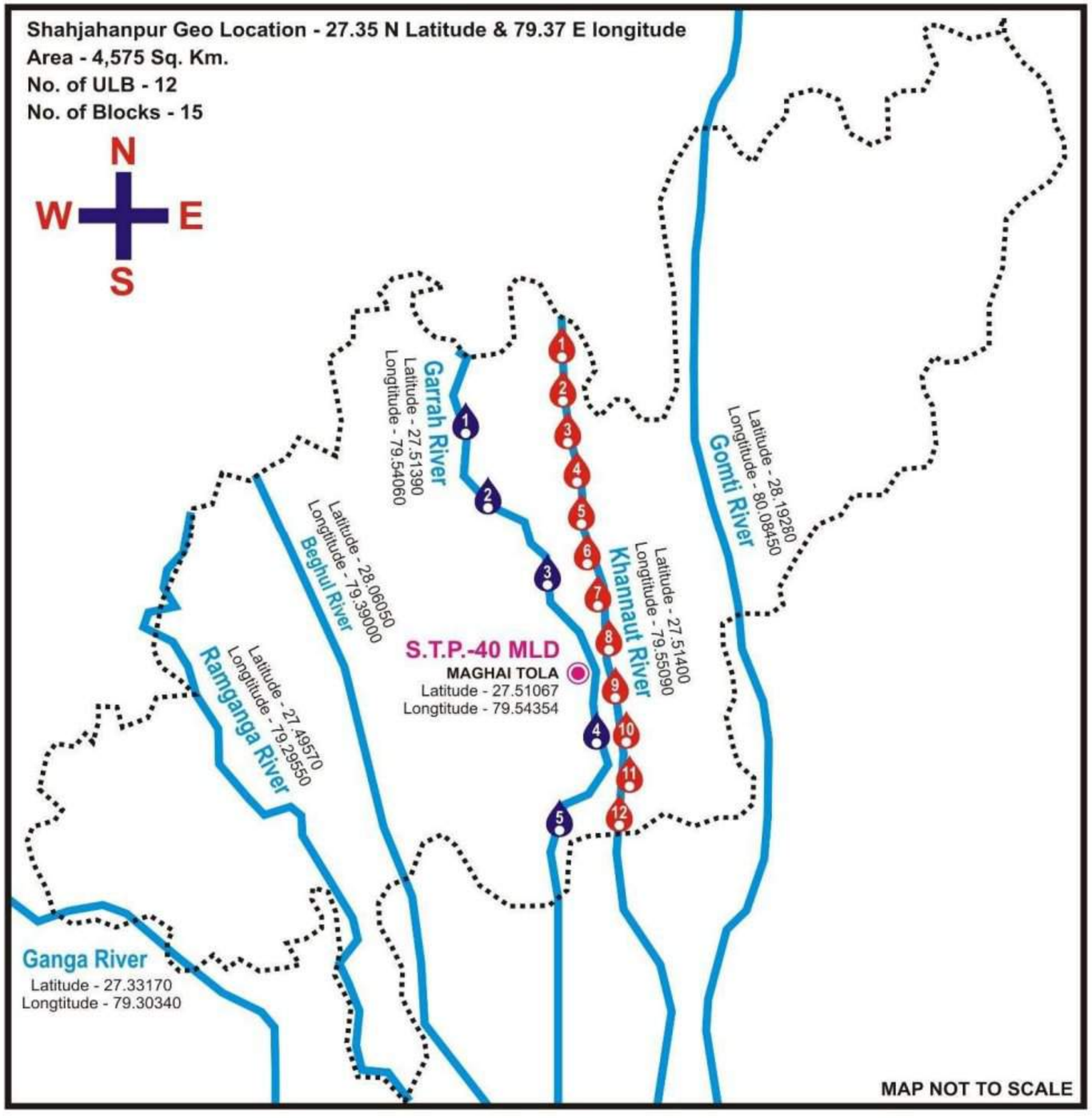
**(Prakhar Gupta)**
Divisional Forest Officer/
Secretary-District Ganga Committee
Shahjahanpur

**(Umesh Pratap Singh)**
District Magistrate /
Chairman-District Ganga Committee
Shahjahanpur



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# DISTRICT GANGA COMMITTEE-SHAHJAHANPUR




## DRAIN DISCHARGE TO GARRAH RIVER

1- Kakra Drain
Geo Location - 27.874675, 79.900439
2- Azizganj Drain
Geo Location - 27.861458, 79.892631
3- Yunus Khel Drain
Geo Location - 27.864540, 79.903218
4- Bakshi Drain
Geo Location - 27.33300, 79.50280
5- Mehmuriya Jalanagar Drain
Geo Location - 27.888962, 79.891845

## DRAIN DISCHARGE TO KHANNAUT RIVER

1- Mishripur Drain
Geo Location - 27.850870, 79.919458
2- Sarai Kaiyan Drain
Geo Location - 27.851534, 79.919002
3- Roza Ahmadpur Drain
Geo Location - 27.514425, 79.554813
4- Banka Ghaat (Left)
Geo Location - 27.521685, 79.551513
5- Banka Ghaat (Right)
Geo Location - 27.521437, 79.551627
6- Roshanganj Drain
Geo Location - 27.514500, 79.551122
7- Dalelganj Drain
Geo Location - 27.511008, 79.550408
8- Hanumat Dhaam Drain
Geo Location - 27.514310, 79.550456
9- Anta Chauraha & Brij Bihar Drain
Geo Location - 27.876310, 79.915111
10- Bahadurpura & Chamkani Drain
Geo Location - 27.880652, 79.916075
11- Khwaja Firoz Drain
Geo Location - 27.856477, 79.917741
12- Roza Ahmadpur Drain
Geo Location - 27.514425, 79.554813

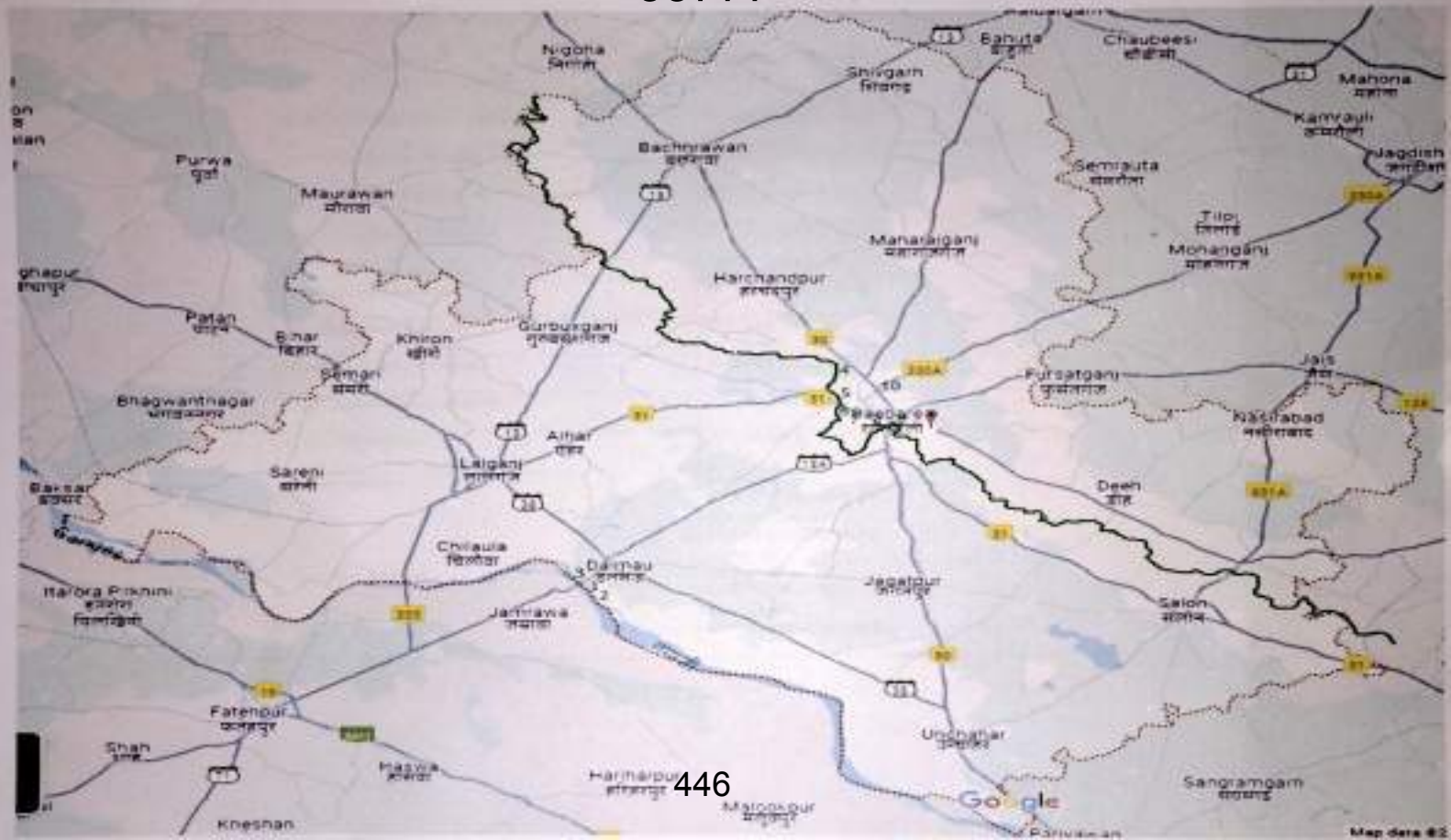
District Boundary
River
Drain



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Barabanki District Map



| | Ligends | Latitude Longitude |
|---|---|---|
| 1 | SadakGhat Drain, Dalmau, Raebareli | 26°03'51.8"N 81°01'38.6"E |
| 2 | PathwariGhat Drain, Dalmau, Raebareli | 26°03'41.0"N 81°01'43.4"E |
| 3 | Padva Drain, Dalmau, Raebareli | 26°04'07.1"N 81°01'37.2"E |
| 4 | Lohanipur/Rewati Ream KaTalab Drain, Raebareli | 26°14'33.1"N 81°13'45.8"E |
| 5 | Rajghat/Surjupur Drain, Raebareli | 26°13'54.2"N 81°13'32.2"E |
| 6 | Kanpur Road Drain, Raebareli | 26°13'33.9"N 81°13'12.2"E |
| 7 | Police Line Drain, Raebareli | 26°13'03.1"N 81°14'02.0"E |
| 8 | Indira Nagar Drain, Raebareli | 26°12'24.9"N 81°14'27.0"E |
| 9 | Mahanandpur Drain, Raebareli | 26°12'29.2"N 81°15'25.9"E |
| 10 | UPSIDC/Industrial Drain, Raebareli | 26°13'42.5"N 81°16'17.8"E |
| | 18 MLD STP, Raebareli | 26°12'08.6"N 81°15'53.1"E |
| | Sai River, Raebareli | **UP Stream**<br>26°30'32.2"N 80°59'49.1"E<br>**Down Stream**<br>26°00'54.4"N 81°34'10.7"E |
| | Ganga River, Raebareli | **UP Stream**<br>26°07'21.8"N 80°40'26.7"E<br>**Down Stream**<br>25°49'06.3"N 81°20'31.9"E |

Name of the District: Raebareli

District Ganga Committee, NGT Compiled Report on Behalf of Letter dated 24.11.2023 and 04.12.2023

1. Sewage

| Drain (city/town/ | Total flow of drain per day (MLD) | PH | BOD (mg/l) | COD (mg/l) | TSS (mg/l) | TDS (mg/l) | Fluoride (mg/l) | Nitrates (mg/l) | DO (mg/l) | TC (MPN/100 ml) | FC (MPN/100 ml) | Outlet flow (MLD) | Chloride (mg/l) | Colour/ Odour (Hazen/ NA) | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lohanipur Drain/Rewati Ram ka Talab Drain, Raebareli | 6.06 | 8.04 | 24.5 | 116.8 | 42.0 | 580.0 | 1.82 | 0.35 | 1.9 | 2,20,000 | 70,000 | 6.06 | 75.0 | 20/Fishy | River Sai |
| Indira Nagar Drain, Raebareli | 11.8 | 7.99 | 24.5 | 112.0 | 48.0 | 547.0 | 1.43 | 0.32 | 1.9 | 7,90,000 | 1,30,000 | 11.8 | 77.0 | 20/Fishy | River Sai |
| Police Line Drain, Raebareli | 5.83 | 7.77 | 26.5 | 121.6 | 46.0 | 602.0 | 1.77 | 0.35 | 1.9 | 9,30,000 | 79,000 | 5.83 | 74.0 | 20/Fishy | River Sai |
| Kanpur Road Drain, Raebareli | 6.06 | 7.93 | 29.0 | 131.2 | 52.0 | 622.0 | 1.72 | 0.34 | 1.8 | 1,70,000 | 70,000 | 6.06 | 75.0 | 20/Fishy | River Sai |
| Rajghat/Surjupur Drain, Raebareli | 5.18 | 7.95 | 25.5 | 121.6 | 56.0 | 680.0 | 1.84 | 0.34 | 2.0 | 9,30,000 | 1,10,000 | 5.18 | 76.0 | 20/Fishy | River Sai |
| Mahanandpur Drain, Raebareli | 3.74 | 7.99 | 24.5 | 118.4 | 43.0 | 670.0 | 1.76 | 0.34 | 2.9 | 94,000 | 39,000 | 3.74 | 76.0 | 20/Fishy | River Sai |
| UPSIDC/ Industrial Drain, Raebareli | 3.95 | 8.17 | 20.5 | 97.6 | 40.0 | 542.0 | 1.06 | 0.32 | 6.6 | 70,000 | 2,000 | 3.95 | 75.0 | 20/Foul | River Sai |
| Sadak Ghat Drain, Dalmau, Raebareli | 0.257 | 7.94 | 18.5 | 97.6 | 45.0 | 520.0 | 1.28 | 0.37 | 2.0 | 24,000 | 2,800 | 0.257 | 73.0 | 20/Fishy | River Ganga |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Padva Drain, Dalmau, Raebareli | 1.203 | 8.13 | 4.6 | 24.0 | 46.0 | 380.0 | 1.29 | 0.32 | 7.4 | 26,000 | 5,400 | 1.203 | 72.0 | 20/None | River Ganga |
| Pathwari Ghat Drain, Dalmau, Raebareli | 0.234 | 7.92 | 23.5 | 99.2 | 46.0 | 506.0 | 1.2 | 0.35 | 1.7 | 28,000 | 2,800 | 0.234 | 72.0 | 20/Fishy | River Ganga |

| Drain (City/Town) | Heavy Metals | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Total Cr (mg/l) | Cu (mg/l) | Pb (mg/l) | Fe (mg/l) | Zn (mg/l) | Mn (mg/l) | As (mg/l) | Hg (mg/l) |
| Lohanipur Drain/Rewati Ram ka Talab Drain, Raebareli | ND | ND | 0.1834 | 0.4296 | 0.618 | 1.2242 | ND | ND |
| Indira Nagar Drain, Raebareli | ND | ND | 0.107 | 0.2342 | 0.5253 | 1.0845 | ND | ND |
| Rajghat/Surjupur Drain, Raebareli | ND | ND | 0.107 | 0.1454 | 0.0744 | 0.1487 | ND | ND |
| UPSIDC/ Industrial Drain, Raebareli | ND | ND | 0.2598 | 0.1099 | 0.5655 | 0.9448 | ND | ND |
| Sadak Ghat Drain, Dalmau, Raebareli | ND | ND | 0.2598 | 0.4828 | 0.0652 | 6.8876 | ND | ND |
| Padva Drain, Dalmau, Raebareli | ND | ND | 0.2598 | 0.1276 | 0.0281 | 0.1627 | ND | ND |
| Pathwari Ghat Drain, Dalmau, Raebareli | ND | ND | 0.1834 | 0.1454 | 0.0312 | 0.4909 | ND | ND |

**ND- Not Detected**

**2. STP (SEWAGE TREATMENT PLANT)**

| Existing STP (location & capacity) | Capacity (Operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | Final discharge point | Total Sewage generated | Total sewage treated by STPs | Gap | Proposal for minimising the gap |
|---|---|---|---|---|---|---|---|---|
| 18 MLD STP, Parshadepur Road, Near PAC, Raebareli | 18.0 MLD | As per norms | 0 | River Sai | 39.62 | Currently 03.0 MLD Discharge is being received | 36.62 | None |

**2.1 STP Additional Information**

| Name of Drain | Position of STP with Capacity | Geo Coordinates | Discharge Quantity from the STP in The Drain | Total Per Day Dischharge From The Drain in to The River |
|---|---|---|---|---|
| Sever line is being connected to the STP | 18 MLD STP, Parshadepur Road, Near PAC, Raebareli, 18 MLD | 26°12'09.6"N 81°15'54.3"E | 3.0 MLD | 36.62 MLD is being discharged to the river Sai after bioremediation. |

| Proposed STP (location & Capacity) | Capicity (Operational) | Inlet outlet Water Quakiaty & Quantity | Number of Tapped Drains(Quantity of Discharge) | GAP in Treatment | Final Discharge Point Geo Code/Sampling Point | Proposed Under construction STP with compeletion Date |
|---|---|---|---|---|---|---|
| There is no any STP proposed in the district Raebareli as per ofice record of UPPCB, Raebareli. | | | | | | |

**3. HOTELS/ ASHRAMS**

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| Hotel Royal Railway Station Road | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Deep Railway Station Road | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Charan, Railway Station Road | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Heera, Railway Staion Road | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Panjabi Restaurant, Railway Staion | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Kanha Continental, Railway Staion | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Laxman, Kotwali Road | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Meera, Lucknow Road | CTO Granted | No | Local Drain/Soak Pit/Septik | None |
| Hotel Jai Deep, | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Maurya Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Baba Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Kanha | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Roi Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Laxman Hotel | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Narain Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Mera Man | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hansi-Khushi Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Akash | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Santi Inn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Krishna Guest House | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Saras | CTO Granted | No | Local Drain/Soak Pit/Septik | None |
| Bhundal Marriage Hol | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Surya | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Kamini Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| V.I.P. Guest House | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Salooja Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Midway | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Capital Palace | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Laxman | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Talukedar Garden | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Prasant Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Maa Ambey Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |

| | | | | |
|---|---|---|---|---|
| Asiya Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Sadik Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Salimar Utsav Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Manas Marriage Lawn | NO | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |
| Hotel Satkar | CTO Granted | No | Local Drain/Soak Pit/Septik | None |
| Hotel Atithi | CTO Granted | No | Local Drain/Soak Pit/Septik | None |
| Hotel The Crown | CTO Granted | No | Local Drain/Soak Pit/Septik | None |
| Hotel Preet | No | No | Local Drain/Soak Pit/Septik | Notice Issued for compliance |

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| N.T.P.C. Unchahar Raebareli | 384 KLD Industrial 3616 KLD Domestic | 310 KLD LETP FOR Industrial effluent and Soak Pit/ Septik Tank 2000 KLD STP | Report Attached | 74 | There is no any Treatment Project is under construction | NONE | 50-60 Kg Approx | In-house Processing |
| RCCPL (Reliance) Cement industry, Kundanganj, Raebareli. | 0.0 KLD Industrial 10.0 KLD Domestic | 15.0 KLD STP for Domestic Effluent | Report Attached | 0 | There is no any Treatment Project is under construction | NONE | 30-40 Kg Approx | By Authorised TSDF |
| Birla corporation ltd. (cement division), Industrial Area, Amawan Road, Raebareli. | 0.0 KLD Industrial 2.5 KLD Domestic | Soak Pit/ Septik Tank for Domestic Effluent | Report Attached | 0 | There is no any Treatment Project is under construction | NONE | 30-40 Kg Approx | By Authorised TSDF |
| Visakha industries Pvt. ltd., Bachrawan, Raebareli. | 0.0 KLD Industrial 5.0 KLD Domestic | 10.0 KLD STP for Domestic Effluent | Report Attached | 0 | There is no any Treatment Project is under construction | NONE | 30-40 Kg Approx | By Authorised TSDF |
| Ganpati Advisory ltd. (cement division), Bahaman Khera, Raebareli. | 2.0 KLD Industrial 0.5 KLD Domestic | 2.0 KLD ETP for industrial Effluent and Soak Pit/ Septik Tank for Domestic Effluent | Report Attached | 0 | There is no any Treatment Project is under construction | NONE | 20 Kg Approx | By Authorised TSDF |
| R.D. Cement Pvt. Ltd., Churuwa, Raebareli | 0.0 KLD Industrial 0.5 KLD Domestic | Soak Pit/ Septik Tank for Domestic Effluent | Report Attached | 0 | There is no any Treatment Project is under construction | NONE | 20 Kg Approx | By Authorised TSDF |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modern Rail Coach Factory, Lalganj, Raebareli. | 948 KLD Industrial 1650 KLD Domestic | 224.0 KLD ETP (2) for industrial Effluent and 0.4 MLD and 1.1 MLD STP for Domestic | Report Attached | 536 KLD | There is no any Treatment Project is under construction | NONE | 30-40 Kg Approx | By Authorised TSDF |
| Forged wheel Plant (Rail Coach Factory) Lalganj, Raebareli. | 0.0 KLD Industrial 1.0 KLD Domestic | Soak Pit/ Septik Tank for Domestic Effluent | Report Attached | 0 | There is no any Treatment Project is under construction | NONE | 30-40 Kg Approx | By Authorised TSDF |
| Ganapati Advisory Ltd. (Cement Plant), Brahamankhera, Kundanganj, Raebareli. | 0.0 KLD Industrial 0.5 KLD Domestic | Soak Pit/ Septic Tank for Domestic Effluent | Report Attached | 0 | There is no any Treatment Project is under construction | NONE | 30-40 Kg Approx | By Authorised TSDF |
| VRH Lightening, Harchandpur, Raebareli. | 0.5 KLD Industrial 1.0 KLD Domestic | 5.0 KLD ETP (2) for industrial Effluent and Soak Pit/Septic Tank for Domestic Effluent | Report Attached | 0 | There is no any Treatment Project is under construction | NONE | 20 Kg Approx | By Authorised TSDF |

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

| Area- cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & Direct Discharge Geocode/Sampling Point/Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory | | |
| मा0 हरित अधिकरण नयी दिल्ली के विषयांकित आदेश के अनुपालन मे केंद्रीय जल आयोग द्वारा गंगा नदी के Segment A, Phase-I (हरिद्वार से उन्नाव तक) का निर्धारण किया गया। तदोपरान्त गंगा नदी के Segment A, Phase-II (उन्नाव से बलिया) Flood Plain Zone (FPZ) का निर्धारण किया जाना है। जनपद रायबरेली में Flood Plain Zone (FPZ) का निर्धारण नहीं हुआ है। | | Zero | Zero | कार्य कराया जाना प्रस्तावित है। | कार्य कराया जाना प्रस्तावित है। |

**6. AFFORESTATION/ PLANTATION**

| Area- cities/ towns | Total plantation Geo Code/Sampling Point | Proposed project | Time line |
|---|---|---|---|
| Birla Cements, Industrial Area, Amawan Road, Raebareli | 2000<br>Lon- 26°15'10.1"N<br>Lat- 81°15'01.2"E | From UPPCB, Raebareli | 2023-2024 |
| RCCPL Campus, Kundanganj, Raebareli | 10000<br>Lon- 26°24'07.7"N<br>Lat- 81°07'53.8"E | | |
| Visaka Industries, Campus, Kandawan, Raebareli | 10000<br>Lon- 26°25'43.5"N<br>Lat- 81°07'42.3"E | | |
| Shahid Smarak Park, Raebareli | 5950<br>Lon- 26°12'01.4"N<br>Lat- 81°14'50.6"E | | |

| | | | | |
|---|---|---|---|---|
| Kotra Bahadurganj, Raebareli | 45000<br>Lon- 25°49'29.5"N<br>Lat- 81°20'43.1"E | Forest Department (Total 2248722) | | |
| Arkha, Raebareli | Lon- 25°50'55.2"N<br>Lat- 81°17'30.0"E | | | |
| Malik Bhiti, Raebareli | Lon- 26°04'05.0"N<br>Lat- 80°58'16.7"E | | | |
| Har Bandhanpur Raebareli | Lon- 25°51'01.2"N<br>Lat- 81°17'28.1"E | | | |
| Mandawa, Raebareli | Lon- 25°50'00.7"N<br>Lat- 81°15'55.7"E | | | |

**7. Mining and Stone Crushing in River bed and Flood Plain Zone of River Ganga and its Tributries**

| Sand mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable Sand Mining |
|---|---|---|---|---|---|
| 0 | 0 | 156 | अर्थ दण्ड आरोपित करते हुये धनराशि जमा कराई जाती है। | 0 | जिला स्तरीय गठित टास्कफोर्स के माध्यम से अवैध खनन परिवहन के विरूद्ध नियमानुसार कार्यवाही की जाती है। |

The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

| | | |
|---|---|---|
| 01. | **District Ganga Protection Plan at city/ town level**<br>District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (Para 6 and 55). | The meeting of District Ganga committee is held on regular basis in every month under the Supervision of District magistrate Raebareli. |
| 02. | **Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)** | |
| | **2.1Sewage Management** | |
| | (i)Sewage generation (for entire District and individual town wise): | 27.0 MLD (As per given by Jal Nigam Urban, Raebareli) |
| | (ii)Existing Sewage Treatment Capacities | 18 MLD |
| | (iii)Quantity of sewage is being treated (utilization capacity): | 3.0 MLD |
| | (iv)Performance of STPs particularly for FC | 920 MPN/100ml |
| | (v)Where treated sewage is being discharged (to Ganga or tributaries) | Treated sewage is being discharge to River Sai. |
| | (vi)Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) | STP is not connected with whole city sewer line. Sewer line is being connected with STP. |
| | (vii)Current Gap in sewage treatment | 24.0 MLD |
| | (viii)Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues | Not Applicable |
| | (ix)Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries) | Bioremediation is being done for the drains which is not tapped with STP and is being discharged to the river Ganga and River Sai. |
| | **2.2 Drains joining Ganga and Tributary**<br>(i)Number of drains carrying sewage, sludge or industrial waste water joining Ganga/ tributaries with their Quantity and Quality | i. There are 10 drains being discharged to the River Ganga and Sai at Raebareli. Report attached. |

| | | |
|---|---|---|
| | (ii)Drains joining outside city and town limits but, either joining in village or nearby town | NA |
| | (iii)Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs | Total city sewage generation is 27.0 MLD. |
| | **2.3 Septage management (In case of no STP)**<br>(i)Status of Septage management (with reference to FSTP/STP) | 32 KLD-CO FSTP has been installed at Parshadepur road, near PAC, 18 MLD STP. |
| | (ii)Management of Grey water and its disposal | Grey water is used for agricultural purposes and gardening. |
| | **2.4 Industrial Pollution Control**<br><br>(i)Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise): | There are no industries established in near Gomati River. |
| 03. | **(3)Water quality status. Provide water quality status of Ganga and its tributaries in the District and city/ town in terms of its fitness for Bathing water quality that is, FC and FS:** | Report Attached |
| 04. | **(4)Notification of Flood Plain Zones:** | There is No Area of City/Town affected by flood, That's why no required notification for specified City/Town area. |
| 05. | **(5)Issues relating to Environmental Flow** | NA |

**Best Practices-**

1. Pakka Ghat has been constructed at Gnaga River Ghat at Dalmau, Raebareli.
2. Awareness is being done by hordinga showing Do's and don'ts at Ganga river ghats.
3. Bioremediation and chlorination is being done in those drains which is not tapped.
4. 32 KLD FSTP has been installed for the septage management.
5. Mass awareness is being done by Mission Life as well as by various departments like UPPCB, Forest department (afforestation/ wetland/conservation), enforcement activities, livelihood generation, general and mass awareness through IEC, school outreach program, connection with ULB's and gram panchayat different industries.

5- Concluding remark.

# Envirochem Research & Test Labs Pvt. Ltd.

Specialist in : Environmental Impact Assessment, Environmental Monitoring & Management

Approved Environmental Laboratory From MoEF&CC Under E.PAct 1986, Scince 2001 & UPPCB, Lucknow, Since 1995

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IAS MGB 154 IAF TC-7516

HIG - 79, Sector - E, Aliganj, Lucknow - 226 024 Ph. : 0522-3584345, 8318644902 E-mail : etl_2@yahoo.com, ertlreport22@gmail.com


## TEST REPORT

Report No. SW/01 **Date:** 30.12.2023

### SEWAGE WATER (STP INLET) ANALYSIS REPORT

| | | |
|---|---|---|
| 1. | Name & Address of The Industry | **M/s RCCPL Pvt. Ltd.<br>Village - Karanpur,<br>Near Kundanganj Railway Station,<br>Distt.- Raebaraeilly (U.P.)- 229 303** |
| 2. | ULR Code | TC751623000001306F |
| 3. | Sample Code | ERTL/SW01/2023/12/23/189 |
| 4. | Sample Collected By | Lab Representative |
| 5. | Date of Sample Collection | 23.12.2023 |
| 6. | Date of Sample Received in Lab | 23.12.2023 |
| 7. | Date of Analysis Completed | 30.12.2023 |

| S. N. | Physical Parameters | Unit | Method of Measurement | Observed Values |
|---|---|---|---|---|
| 1. | Temperature | °C | APHA-2120-B | 23.6 |
| 2. | Colour | - | APHA-2150-B | Yellowish |
| 3. | Odour | - | APHA-2550-B | Septic |
| 4. | Suspended solids | mg/L | APHA, 24th Ed. 2023, 2540-D | 412.0 |
| 5. | Dissolved solids | mg/L | APHA, 24th Ed. 2023, 2540-C | 1072.0 |
| 6. | Total Solids | mg/L | APHA, 24th Ed. 2023, 2540-B | 1484.0 |
| 7. | Oil & Grease | mg/L | APHA, 24th Ed. 2023, 5520-C & D | 18.7 |
| **S. N.** | **Chemical Parameters** | **Unit** | **Method of Measurement** | **Observed Values** |
| 8. | pH | - | APHA, 24th Ed. 2023, 4500 - $H^+$- B | 7.60 |
| 9. | BOD (3 days at 27 °C) | mg/L | APHA, 24th Ed. 2023, 5210 - B & CPCB Method | 60.0 |
| 10. | COD | mg/L | APHA, 24th Ed. 2023, 5220-B | 224.0 |

Analyst Checked By (Laboratory In-charge)

Note : 1. The above results are related only to the test performed on the sample. Endorsement of product is neither inferred not implied. 2. This report is not to be reproduce wholly or in part and can not be used as an evidence in the court of law and should not be used in any advertising media without our special permission in writting. 3. Sample will be destroyed after fifteen days from the date of reporting. 4. Total liability of our lab is limited to the invoiced amount. 5. Report refers to the sample received by Envirochem Research & Test Labs Pvt. Ltd. unless mentioned otherwise.

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TC-7516

HIG - 79, Sector - E, Aliganj, Lucknow - 226 024 Ph. : 0522-3584345, 8318644902 E-mail : etl_2@yahoo.com, ertlreport22@gmail.com


## TEST REPORT

Report No. SW/02 Date: 30.12.2023

### SEWAGE WATER ( STP OUTLET) ANALYSIS REPORT

| | | |
|---|---|---|
| 1. | Name & Address of The Industry | **M/s RCCPL Pvt. Ltd.<br>Village - Karanpur,<br>Near Kundanganj Railway Station,<br>Distt.- Raebaraeilly (U.P.)- 229 303** |
| 2. | ULR Code | TC751623000001307F |
| 3. | Sample Code | ERTL/SW02/2023/12/23/190 |
| 4. | Sample Collected By | Lab Representative |
| 5. | Date of Sample Collection | 23.12.2023 |
| 6. | Date of Sample Received in Lab | 23.12.2023 |
| 7. | Date of Analysis Completed | 30.12.2023 |

| S. N. | Physical Parameters | Unit | Method of Measurement | Observed Values | Limiting Values As per MOEF Dated(13.10.2017) |
|---|---|---|---|---|---|
| 1. | Temperature | °C | APHA-2120-B | 23.8 | Not to exceed 5°C above the receiving water temperature |
| 2. | Colour | - | APHA-2150-B | Colourless | - |
| 3. | Odour | - | APHA-2550-B | Odourless | - |
| 4. | Suspended Solids | mg/L | APHA, 24th Ed. 2023, 2540-D | 72.0 | 100.0 |
| 5. | Dissolved Solids | mg/L | APHA, 24th Ed. 2023, 2540-C | 888.0 | - |
| 6. | Total Solids | mg/L | APHA, 24th Ed. 2023, 2540-B | 960.0 | - |
| 7. | Oil & Grease | mg/L | APHA, 24th Ed. 2023, 5520-C & D | 6.2 | 10.0 |
| **S. N.** | **Chemical Parameters** | **Unit** | **Method of Measurement** | **Observed Values** | **Limiting Values** |
| 8. | pH | - | APHA, 24th Ed. 2023, 4500-H⁺-B | 7.23 | 6.5-9.0 |
| 9. | BOD (3 days at 27 °C) | mg/L | APHA, 24th Ed. 2023, 5210-B & CPCB Method | 26.0 | 30.0 |
| 10. | COD | mg/L | APHA, 24th Ed. 2023, 5220-B | 140.0 | 250.0 |

Analyst Checked By (Laboratory In-charge)

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*Category 'A' QCI-NABET Accredited EIA Consultant Organization*
*An Approved Laboratory From MoEF - CC & Uttar Pradesh Pollution Control Board*
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Tel: 0522- 4002545, Mobile: 09415518818,
GSTIN - 09AAJPP5929G1ZY

## Test Report for Waste Water Analysis

ULR- TC824124000000390

| Report No. | Reference No. | Issue Date |
|---|---|---|
| PCS/WWQ/02/2024 | PCS/BCLRHCW/01/2024 | 19/03/2024 |

| | | | | |
|---|---|---|---|---|
| 1. | Name & Address of Industry: | M/s Birla Corporation Ltd. (Unit: Raebareli Hitech Cement Works) Plot No: D/14 to D/15, UPSIDC Industrial Area, Phase II, Amawan Road, P.O. Raebareli-229001 (U.P) | | |
| 2. | Type of Industry: | Cement Industry | 7.Method of sampling: | PCS/WI/SAMP/21 |
| 3. | Sampling Location : | **RHCW Drain water** | 8.Date of Monitoring : | 04/03/2024- 07/03/2024 |
| 4. | Monitoring done by: | Mr Vipin & Mr Sunil | 9.Sample Receipt in Lab: | 07/03/2024 |
| 5. | Lab Code: | PCS24/48/317 | 10.Date of testing | 08/03/2024 -11/03/2024 |
| 6. | Weather Condition: | Clear Sky | 11.Sample Analyzed By: | Ms Alka Singh |

| S. N | Parameters | Unit | Reference Method 23rd Edition | Results (RHCW Waste Water) | Inland Surface Water* | Public Sewers* |
|---|---|---|---|---|---|---|
| 1. | pH | - | APHA 4500-$H^+$-B | 8.11 | 5.5 to 9.0 | 5.5 to 9.0 |
| 2. | TSS | mg/l | APHA 2540 D | 78.9 | 100 | 600 |
| 3. | Oil& Grease | mg/l | APHA 5520-B | 3.2 | 10 | 20 |
| 4. | COD | mg/l | APHA 5220-C | 86.4 | 250 | - |
| 5. | BOD (3 Days at 27°C) | mg/l | IS: 3025 Part 44 1993 RA 2009 | 24.0 | 30 | 350 |
| 6. | Ammonical Nitrogen as N | mg/l | APHA 4500-$NH_3$-C | 14.9 | 50 | 50 |
| 7. | Total Nitrogen | mg/l | APHA 4500-Norg-B | 18.03 | 100 | - |

*The Environment (Protection) Rules, 1986: SCHEDULE – V See rule 3A General Standards For Discharge Of Environmental Pollutants Part-A

Note: 1. The results in the Test Report related only to the items tested.
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3. The report shall not be used for any other purpose than declared by the sponsor
4. Prakriti Consultants Services are not regulatory agency hence no part of this report should be used for legal purpose under any circumstance
5. No deviation as per the Standard Method.

**Authorized Signatory**

**(Dr. Divya Misra)**
**Managing Director**

------End of this Report---



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| S. No. | Legends | LatitudeLongitude |
|---|---|---|
| 1 | PakkaGhat Drain, Manikpur, Pratapgarh (1.0 MLD STP) | 25°46'00.7"N 81°24'03.5"E |
| 2 | Raja Hela Drain, Manikpur, Pratapgarh | 25°46'10.9"N 81°23'54.9"E |
| 3 | Primary School Drain, Manikpur, Pratapgarh | 25°46'11.6"N 81°23'54.2"E |
| 4 | MallahanTola Drain, Manikpur, Pratapgarh | 25°46'11.9"N 81°23'53.9"E |
| 5 | GandaNala, Braipur, Kunda, Pratapgarh | 25°38'47.6"N 81°34'01.4"E |
| 6 | GandaNala, Raiyapur, Kunda, Pratapgarh | 25°38'47.6"N 81°34'01.4"E |
| 7 | City Drain, Belha, Pratapgarh | 25°56'04.0"N 82°00'09.8"E |
| 8 | Ram Lila Maidan Drain, Belha, Pratapgarh (0.5 MLD Constructed Wetland) | 25°55'54.3"N 82°00'34.6"E |
| 9 | Police Line Drain, Belha, Pratapgarh | 25°55'55.2"N 82°00'00.1"E |
| 10 | Bhuliyapur Drain, Belha, Pratapgarh (2.5 MLD Constructed Wetland) | 25°55'58.5"N 81°59'02.5"E |
|  | 8.95 MLD STP, Belha, Pratapgarh | 25°56'03.9"N 82°00'19.0"E |
|  | Sai River, Raebareli | **UP Stream**<br>26°00'54.4"N 81°34'10.7"E<br>**Down Stream**<br>25°49'19.4"N 82°12'34.0"E |
|  | Ganga River, Raebareli | **UP Stream**<br>25°49'06.3"N 81°20'31.9"E<br>**Down Stream**<br>25°35'59.3"N 81°36'37.9"E |

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# Pratapgarh District Map



Name of the District: Pratapgarh
District Ganga Committee, NGT Report

1. Sewage

| Drain (city/town) | Total flow of drain per day (MLD) | PH | BOD (mg/L) | COD (mg/L) | TSS (mg/L) | TDS (mg/L) | Fluoride (mg/l) | Nitrates (mg/l) | DO (mg/L) | TC (MPN/100 ML) | FC (MPN/100 ML) | Outlet flow (MLD) | Cl (mg/L) | Colour/ odour (Hazen/ NA) | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pakka Ghat Drain, Manikpur, Pratapgarh | 0.68 | 8.04 | 23.0 | 97.6 | 44.0 | 472.0 | 1.18 | 0.34 | 1.8 | 46,000 | 14,000 | 0.68 | 75.0 | 20/Fishy | River Ganga |
| Mallahan Tola Drain, Manikpur, Pratapgarh | 0.32 | 7.93 | 18.0 | 94.4 | 48.0 | 488.0 | 1.16 | 0.34 | 1.7 | 32,000 | 4,900 | 0.32 | 72.0 | 20/Fishy | River Ganga |
| Primary School Drain, Manikpur, Pratapgarh | 0.15 | 8.01 | 16.0 | 96 | 47.0 | 470.0 | 1.17 | 0.35 | 1.6 | 40,000 | 11,000 | 0.15 | 74.0 | 20/Fishy | River Ganga |
| Raja Hela drain, Manikpur, Pratapgarh | 0.18 | 7.95 | 17.5 | 100.8 | 50.0 | 474.0 | 1.17 | 0.33 | 1.7 | 46,000 | 11,000 | 0.18 | 72.0 | 20/Fishy | River Ganga |
| Ganda Nala, Braipur, Pratapgarh | 10.50 | 8.15 | 3.6 | 23.04 | 46.0 | 382.0 | 1.03 | 0.37 | 7.6 | 2,000 | 4,900 | 10.50 | 74.0 | 20/Fishy | River Ganga |
| Ganda Nala, Raiyapur, Pratapgarh | 11.00 | 8.15 | 3.6 | 23.04 | 46.0 | 382.0 | 1.03 | 0.37 | 7.6 | 2,000 | 4,900 | 11.00 | 74.0 | 20/Fishy | River Ganga |
| City Drain, Pratapgarh | 8.37 | 7.8 | 22.0 | 102.4 | 69.0 | 518.0 | 1.41 | 0.34 | 2.2 | 94,000 | 39,000 | 8.37 | 74.0 | 30/Fishy | River Sai |

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| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ramlila Maidan, Pratapgarh | 0.67 | 7.77 | 25.5 | 115.2 | 70.0 | 530.0 | 1.21 | 0.35 | 1.8 | 1,70,000 | 54,000 | 0.67 | 76.0 | 20/Fishy | River Sai |
| Bhuliyapur Drain, Pratapgarh | 0.78 | 7.74 | 22.5 | 112 | 62.0 | 502.0 | 1.38 | 0.35 | 1.7 | 26,000 | 3,400 | 0.78 | 74.0 | 30/Fishy | River Sai |
| Police Line Drain, Pratapgarh | 4.50 | 7.36 | 24.0 | 110.4 | 70.0 | 530.0 | 1.27 | 0.35 | 1.6 | 21,000 | 9,400 | 4.50 | 75.0 | 20/Fishy | River Sai |

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| Drain (City/Town) | Heavy Metals | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Total Cr (mg/L) | Cu (mg/L) | Pb (mg/L) | Fe (mg/L) | Zn (mg/L) | Mn (mg/L) | As (mg/L) | Hg (mg/L) |
| Pakka Ghat Drain, Manikpur, Pratapgarh | ND | ND | 0.2598 | 0.2164 | 0.1547 | 0.1767 | ND | ND |
| Mallahan Tola Drain, Manikpur, Pratapgarh | ND | ND | 0.1834 | 0.1276 | 0.096 | 0.1487 | ND | ND |
| Primary School Drain, Manikpur, Pratapgarh | ND | ND | 0.107 | 0.1454 | 0.0497 | 0.1976 | ND | ND |
| Raja Hela drain, Manikpur, Pratapgarh | ND | ND | 0.2598 | 0.1099 | 0.0127 | 0.0859 | ND | ND |
| Ganda Nala, Braipur, Pratapgarh | ND | ND | 0.1074 | 0.1099 | 0.0003 | 0.0859 | ND | ND |
| Ganda Nala, Raiyapur, Pratapgarh | ND | ND | 0.2598 | 0.1276 | ND | 0.0999 | ND | ND |
| City Drain, Pratapgarh | ND | ND | 0.1834 | 0.252 | 0.0343 | 0.1348 | ND | ND |

ND- Not Detected

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## 2. STP (SEWAGE TREATMENT PLANT)

| Existing STP (location & capacity) | Capacity (Operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | Final discharge point | Total Sewage generated | Total sewage treated by STPs | Gap | Proposal for minimising the gap |
|---|---|---|---|---|---|---|---|---|
| 8.95 MLD STP, Belha, Pratapgarh | 8.95 MLD | As per norms | 2 | River Sai | 12.87 MLD | Currently 06 MLD Discharge is being received | 6.87 | 6.87 MLD is being discharged to the river Sai after bioremediation. |
| 1.0 MLD STP at Pakka drain, Manikpur, Pratapgarh | 1.0 MLD | As per norms | 1 | River Ganga | 1.0 MLD | 1.0 MLD | 0 | - |
| 0.5 MLD Constructed Wetland STP at Ramlila Maidan Drain, Praapgarh | 0.5 MLD | As per norms | 1 | River Sai | 0.67 | 0.5 | 0.17 | 0.170 MLD is being discharged to the river Sai after bioremediation. |
| 2.5 MLD Constructed Wetland STP at Bhuliya Drain, Praapgarh | 2.5 MLD | As per norms | 1 | River Sai | 0.78 | 0.78 | 0 | - |

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### 2.1 STP Additional Information

| Name of Drain | Position of STP with | Geo Coordinates | Discharge Quantity from the STP in | Total Per Day Dischharge From The |
|---|---|---|---|---|
| City Drain, Pratapgarh | 8.95 MLD STP, Belha Pratapgarh, 8.95 MLD | 25°56'03.8"N 82°00'19.2"E | 6.0 MLD | 5.37 MLD is being discharged to the river Sai after bioremediation. |
| Police Line Drain, Pratapgarh | | | | |
| Pakka Drain, Manikpur, Pratapgarh | 1.0 MLD STP at Pakka drain, Manikpur, | 25°46'01.7"N 81°24'04.9"E | 0.68 MLD | 0 |
| Ramlila Maidan Drain, Pratapgarh | 0.5 MLD Constructed Wetland STP at Ramlila | 25°55'54.3"N 82°00'34.8"E | 0.67 MLD | 0.170 MLD is being discharged to the river Sai after bioremediation. |
| Bhuliyapur Drain, Pratapgarh | 2.5 MLD Constructed Wetland STP at Ramlila | 25°55'54.6"N 82°00'00.3"E | 0.78 MLD | 0 |

| Proposed STP (location & Capacity) | Capicity (Operational) | Inlet outlet Water | Number of Tapped | GAP in Treatment | Final Discharge Point Geo Code/Sampling Point | Proposed Under construction STP |
|---|---|---|---|---|---|---|
| There is no any STP proposed in the district Pratapgarh as per ofice record of UPPCB, Raebareli. | | | | | | |

3.Hotels/Ashrams/Dharamshalas

| Number of Hotel/Ashrams/Dharamshalas | Consent to Establish/Operate | STP | Discharge Point | Action Taken |
|---|---|---|---|---|
| Hotel Krishna Marriage Lon Karanpur ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Hotal Indu Vihar Utsav Sadan, Dahilamau Daksini ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Assirwad Guest House, Dahilamau Daksini ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| City Palace Hotel Dahilamau Uttari ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Sagun Marriage Hall, Hospital Ward, Bekha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Royal Gorden Marriage Hall, Vivek Nagar Ward Bekha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Krishna Lough, Vivel Nagar Ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Shyama Lough, Vivek Nagar Ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Plaza Marriage Hall, Sahodar Paschimi Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| th Hotel, Sahodar Paschimi | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| k Hotel, Station Road Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| irwad Marriage Hall, Station ad Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Savitri Palace Hotel, Staion Road | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Surya Palace Hotel, Station Raod Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Radheykrishna Marriage Hall, Sadar Bazar Ward, Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Saryoo Atithi Grah, Sadar Bazar Ward, Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |

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| | | | | |
|---|---|---|---|---|
| Pradeep Hotel, Takkarganj ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Sneh Hotel, Takkarganj Ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Vailly Spaiej Hotel, Takkaganj ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Satyam In Hotel, Takkarganj ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Safaguest House/Marriage Hall, Acahlpur ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Kishori Sadan/Marriage Hall, Bhairopur ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Radhey Palace Marriage Hall Chibila Paschimi ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Shri Ram Vatika Marriage Hall Chilbila ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Kishor Marriage Hall Mulahi ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |
| Ahooja Guest House Tehshil ward Belha | NO | No | Local Drain/Soak Pit/Septik Tank | Notice Issued for compliance |

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4. Industrial Effluent discharge Discharge by Industries whose effluent is ultimately flowing to river Ganga or its tributaries

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| There is no any Red Category Industry in the district Pratapgarh. | | | | | | | | |

5. Regulation of Flood Plain Zone:

| Area- cities/ towns | Notification of flood plain zone | Demarcation<br><br>No development zone pillars | Demarcation<br><br>Regulatory zone pillars | Encroachment & Direct Discharge Geocode/Sampling Point/Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|
| Pratapgarh | There is no any notification for flood plain zone | - | - | - | - |

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6. AFFORESTATION/ PLANTATION

| Area- cities/ towns | Total plantation Geo Code/Sampling Point | Proposed project | Time line |
|---|---|---|---|
| Pratapgarh | 1,10,000 Square meter in 10 km of the main river streach | 1,10,000 Square meter | 01 Year |

7. Mining: Mining and Stone Crushing in River bed and Flood Plain Zone of River Ganga and its Tributries

| Sand mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable Sand Mining Management Guidelines 2016 |
|---|---|---|---|---|---|
| There is no any lease present in the distric | 0 | | 0 | 0 | 0 |

The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-

| | | |
|---|---|---|
| 01. | **District Ganga Protection Plan at city/ town level**<br>District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (Para 6 and 55). | The meeting of District Ganga committee is held on regular basis in every month under the Supervision of District magistrate Pratapgarh. |
| 02. | **Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)** | |
| | **2.1Sewage Management** | |
| | (i)Sewage generation (for entire District and individual town wise): | 37.15 MLD |
| | (ii)Existing Sewage Treatment Capacities | (12.95 MLD) 8.95 MLD STP, 1.0 MLD STP0.5 MLD & 2.5 MLD Wetland STP |
| | (iii)Quantity of sewage is being treated (utilization capacity): | 7.95 MLD |
| | (iv)Performance of STPs particularly for FC | 930 MPN/100ml |
| | (v)Where treated sewage is being discharged (to Ganga or tributaries) | Treated sewage is being discharge to River Sai. |
| | (vi)Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) | |
| | (vii)Current Gap in sewage treatment | 24.2 MLD |
| | (viii)Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues | Not Applicable |
| | (ix)Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries) | Bioremediation is being done for the drains which is not tapped with STP and is being discharged to the river Ganga and River Sai. |
| | **2.2 Drains joining Ganga and Tributary**<br>(i)Number of drains carrying sewage, sludge or industrial waste water joining Ganga/ tributaries with their Quantity and Quality | i. There are 10 drains being discharged to the River Ganga and Sai at Pratapgarh. Report attached. |
| | (ii)Drains joining outside city and town limits but, either joining in village or nearby town | NA |

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| | | |
|---|---|---|
| | (iii)Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs | Total city sewage generation is 37.15 MLD. |
| | **2.3 Septage management (In case of no STP)**<br>(i)Status of Septage management (with reference to FSTP/STP) | There is no any FSTP installed. |
| | (ii)Management of Grey water and its disposal | Grey water is used for agricultural purposes and gardening. |
| | **2.4 Industrial Pollution Control**<br><br>(i)Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise): | List Attached |
| 03. | **(3)Water quality status. Provide water quality status of Ganga and its tributaries in the District and city/ town in terms of its fitness for Bathing water quality that is, FC and FS:** | Report Attached |
| 04. | **(4)Notification of Flood Plain Zones:** | There is No Area of City/Town affected by flood, That's why no required notification for specified City/Town area. |
| 05. | **(5)Issues relating to Environmental Flow** | NA |

**Best Practices-**

1. Pakka Ghat has been constructed at Gnaga River Ghat at Manikpur, Pratapgarh and Sai River Pratapgarh.
2. Awareness is being done by hoardings showing Do's and don'ts at Ganga river ghats.
3. Bioremediation and chlorination is being done in those drains which is not tapped.
4. Mass awareness is being done by Mission Life as well as by various departments like UPPCB, Forest department (afforestation/ wetland/conservation), enforcement activities, livelihood generation, general and mass awareness through IEC, school outreach program, connection with ULB's and gram panchayat different industries.

5- Concluding remark.

33804

# वृक्षारोपण जन आन्दोलन-2023-(जियोटैग स्थल) as on 04-04-2024 13:08:47

| क्र॰सं॰ | विभाग का नाम | कुल वृक्षारोपण स्थलों की संख्या | कुल जियोटैग स्थल | % स्थल (वृक्षारोपण स्थलों के सापेक्ष) | कुल रोपित (पौध संख्या) | जियोटैग स्थल पर पौधों की संख्या | जियोटैग % (रोपित के सापेक्ष) |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | आवास विकास विभाग | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| 2 | औद्योगिक विकास विभाग | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| 3 | सिंचाई विभाग | 0 | 0 | 0.00 | 13000 | 0 | 0.00 |
| 4 | उद्योग विभाग | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| 5 | प्रावधिक शिक्षा | 1 | 0 | 0.00 | 0 | 0 | 0.00 |
| 6 | उच्च शिक्षा | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| 7 | श्रम विभाग | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| 8 | परिवहन विभाग | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| 9 | रेलवे विभाग | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| 10 | रक्षा विभाग | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| 11 | जल शक्ति विभाग | 20 | 37 | 185.00 | 0 | 12081 | 0.00 |
| 12 | खाद्य सुरक्षा एवं औषधि प्रसाधन | 0 | 0 | 0.00 | 500 | 0 | 0.00 |
| 13 | खाद्य एवं रसद | 0 | 0 | 0.00 | 450 | 0 | 0.00 |
| 14 | ग्रामीण अभियंत्रण सेवा | 0 | 0 | 0.00 | 700 | 0 | 0.00 |
| 15 | दुग्ध विकास | 0 | 0 | 0.00 | 375 | 0 | 0.00 |
| 16 | नियोजन | 2 | 0 | 0.00 | 450 | 0 | 0.00 |
| 17 | पिछड़ा वर्ग कल्याण | 1 | 0 | 0.00 | 200 | 0 | 0.00 |
| 18 | महिला एवं बालविकास | 0 | 0 | 0.00 | 500 | 0 | 0.00 |
| 19 | युवा कल्याण | 4 | 0 | 0.00 | 2400 | 0 | 0.00 |
| 20 | लघु सिंचाई एवं भूगर्भ जल | 0 | 0 | 0.00 | 335 | 0 | 0.00 |
| 21 | दिव्यांग जन सशक्तिकरण | 0 | 0 | 0.00 | 300 | 0 | 0.00 |
| 22 | होमगार्ड नागरिक सुरक्षा और राजनैतिक पेंशन | 2 | 0 | 0.00 | 950 | 0 | 0.00 |
| 23 | राजस्व विभाग | 408 | 40 | 9.80 | 165000 | 23500 | 14.24 |
| 24 | लोक निर्माण विभाग | 56 | 26 | 46.43 | 12000 | 3050 | 25.42 |
| 25 | स्वास्थ्य विभाग | 80 | 41 | 51.25 | 11100 | 4037 | 36.37 |
| 26 | नगर विकास विभाग | 21 | 74 | 352.38 | 36000 | 25915 | 71.99 |
| 27 | गृह विभाग | 24 | 13 | 54.17 | 7000 | 5200 | 74.29 |
| 28 | बेसिक शिक्षा | 1987 | 2175 | 109.46 | 47000 | 36880 | 78.47 |
| 29 | कृषि विभाग | 151 | 390 | 258.28 | 393000 | 333566 | 84.88 |
| 30 | सहकारिता विभाग | 175 | 152 | 86.86 | 8680 | 7370 | 84.91 |
| 31 | पर्यावरण विभाग | 176 | 195 | 110.80 | 170000 | 152217 | 89.54 |
| 32 | उद्यान विभाग | 73 | 73 | 100.00 | 259900 | 259289 | 99.76 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 33 | ग्राम्य विकास विभाग | 1320 | 2468 | 186.97 | 1967000 | 1984154 | 100.87 |
| 34 | पशुपालन विभाग | 46 | 103 | 223.91 | 7000 | 7166 | 102.37 |
| 35 | पंचायतीराज विभाग | 3562 | 542 | 15.22 | 200000 | 215381 | 107.69 |
| 36 | माध्यमिक शिक्षा | 181 | 278 | 153.59 | 21000 | 22995 | 109.50 |
| 37 | ऊर्जा विभाग | 68 | 22 | 32.35 | 3920 | 4452 | 113.57 |
| 38 | व्यावसायिक शिक्षा | 3 | 5 | 166.67 | 4000 | 5500 | 137.50 |
| 39 | चिकित्सा शिक्षा | 5 | 10 | 200.00 | 2000 | 20000 | 1000.00 |
| **40** | **Grand Total** | **8366** | **6644** | **79.42** | **3334760** | **3122753** | **93.64** |

# DISTRICT GANGA REPORT

## DISTRICT –AMETHI (U.P)

Submitted

**In compliance of Hon'ble NGT Order**

**Dated 05 Febuary 2024**

॥ नमामि गंगे ॥

**Submitted**

By

District Ganga Committee, Amethi (U.P)

E-Mail:-dmamethi-up@nic.in

DISTRICT –AMETHI (U.P

33808

# कार्यालय प्रभागीय वनाधिकारी, अमेठी वन प्रभाग।

(पर्यावरण ,वन एवं जलवायु परिवर्तन विभाग, उत्तर प्रदेश)

पत्रांक 260 / 29–1 / N.G.T.(जिला गंगा समिति) अमेठी दिनांक 26 मार्च, 2024

सेवा में,

सुश्री प्रियंका स्वामी,
स्थायी अधिवक्ता उ0प्र0
आबद्ध, मा0 एन0जी0टी0 नई दिल्ली।

**विषय–मा0 राष्ट्रीय हरित अधिकरण नई दिल्ली द्वारा Original Application no. 200/2014 (I.A. No.340/2022, I.A. NO.872/2018, I.A. No.875/2014 & I.A.No.480/2018 ) M.c.Mehta Versus Union of India & Ors. में पारित आदेश दिनांक 05.02.2024 के अनुपालन में पत्र के साथ सलग्न निर्धारित प्रारूप पर सूचना आवश्यक कार्यवाही हेतु प्रेषित किये जाने के संबंध में।**

महोदया,

कृपया मा0 राष्ट्रीय हरित अधिकरण नई दिल्ली द्वारा Original Application no. 200/2014 (I.A. No.340/2022, I.A. NO.872/2018, I.A. No.875/2014 & I.A.No.480/2018 ) M.c.Mehta Versus Union of India & Ors. में पारित आदेश दिनांक 05.02.2024 का सन्दर्भ ग्रहण करना चाहे, जिसके द्वारा ई–मेल के माध्यम से जनपद से सम्बन्धित अपेक्षित समस्त सूचनाओं को संकलित कर निर्धारित प्रारूप पर सूचना दाखिल करने हेतु दिनांक–13.03.2024 को आपके समक्ष उपस्थित होकर जनपद–अमेठी से सम्बन्धित अपेक्षित समस्त सूचनाओं को विस्तृत रूप से प्रस्तुत किये जाने के निर्देश दिया गया था जिसके क्रम में अपेक्षित समस्त सूचनाओं को निर्धारित प्रारूप पर संबंधित विभागों से समन्वय स्थापित करते हुए सूचना संकलित कर दिनांक 13.03.2024 को श्री ऋषिकेश सिंह जिला परियोजना अधिकारी जिला गंगा समिति अमेठी के माध्यम से प्रेषित किया गया था, जनपद से प्रेषित सूचनाओं में आप द्वारा बिन्दुवाद त्रुटियां अंकित कराई गई थी और त्रुटियों को सुधार कर समस्त सूचनाओं को दिनांक 28.03.2024 तक प्रेषित किये जाने हेतु निर्देश दिया गया था।

उक्त के क्रम में आप द्वारा अवगत कराई गई त्रुटियों को सुधार कर अपेक्षित समस्त सूचनाओं को सम्बन्धित विभागों से समन्वय स्थापित करते हुये सूचना संकलित कर उपलब्ध कराये गये निर्धारित प्रारूप पर जिलाधिकारी, महोदया के अवलोकनोपरान्त मूल प्रति के साथ आवश्यक कार्यवाही किये जाने हेतु श्री ऋषिकेश सिंह जिला परियोजना अधिकारी, जिला गंगा समिति, अमेठी के माध्यम से प्रेषित किया जा रहा है।

कृपया स्वीकार करने का कष्ट करें।

भवदीय,

प्रभागीय वनाधिकारी
प्रभाग अमेठी

(रणवीर मिश्र)
प्रभागीय वनाधिकारी / सदस्य संयोजक,
जिला गंगा समिति, अमेठी।

पत्रांक /उक्तदिनांकित

प्रतिलिपि–

1–जिलाधिकारी महोदया / अध्यक्ष, जिला गंगा समिति, अमेठी को सादर सूचनार्थ प्रेषित।
2–मुख्य विकास अधिकारी, महोदय / नोडल अधिकारी, जिला गंगा समिति, अमेठी को सूचनार्थ प्रेषित।
3–जिला विकास अधिकारी, अमेठी को सूचनार्थ प्रेषित।
3–श्री ऋषिकेश सिंह जिला परियोजना अधिकारी, जिला गंगा समिति–अमेठी को इस निर्देश के साथ प्रेषित कि जनपद से सम्बन्धित समस्त अपेक्षित सूचनाओं के साथ निर्धारित समय पर प्रतिभाग करना सुनिश्चित करें।

(रणवीर मिश्र)
प्रभागीय वनाधिकारी / सदस्य संयोजक,
जिला गंगा समिति, अमेठी।

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मुख्य विकास अधिकारी /जिलाधिकारी महोदया, अमेठी।

कृपया पत्रावली के दाहिनी तरफ रक्षित मा0 राष्ट्रीय हरित अधिकरण नई दिल्ली द्वारा Original Application no. 200/2014 (I.A. No.340/2022, I.A. NO.872/2018, I.A. No.875/2014 & I.A.No.480/2018 ) M.c.Mehta Versus Union of India & Ors. दिनांक 05.02.2024 (**पताका–क**), में पारित आदेश का संदर्भ ग्रहण करने का कष्ट करें, जिसके द्वारा मा0 राष्ट्रीय हरित अधिकरण नई दिल्ली द्वारा ओ0ए0 संख्या–200/2014 एम0सी0 मेहता बनाम यूनियन ऑफ इंडिया व अन्य में पारित आदेश के अनुपालन में जिला गंगा सुरक्षा समिति की रिपोर्ट निर्धारित प्रारूप पर मा0 एन0जी0टी में समयान्तर्गत दाखिल करने हेतु सुश्री प्रियंका स्वामी, स्थायी अधिवक्ता उ0प्र0 आबद्ध अधिवक्ता, मा0 एन0जी0टी0 को प्रेषित किया जाना है तथा दिनांक–13.03.2024 को उपस्थित होकर जनपद से सम्बन्धित अपेक्षित समस्त सूचनाओं को विस्तृत रूप से प्रस्तुत किया जाना है।

उक्त के क्रम में अपेक्षित समस्त सूचनाओं को सम्बन्धित विभागों द्वारा सूचना निर्धारित प्रारूप पर उपलब्ध कराया गया है। अधिशाषी अभियंता, खण्ड कार्यालय उत्तर प्रदेश जल निगम ग्रामीण, अमेठी द्वारा अपने कार्यालय के पत्र संख्या–482 दिनांक 01/03/2024(**पताका–ख**), अधिशाषी अभियंता, सहायक शारदा सहायक खंड 41 अमेठी द्वारा अपने कार्यालय के पत्र संख्या–221 दिनांक 02/03/2024(**पताका–ग**), कार्यालय उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड रायबरेली द्वारा अपने कार्यालय के पत्र संख्या–834 दिनांक 05/03/2024 (**पताका–घ**), नोडल अधिशाषी अधिकारी द्वारा कार्यालय नगर पालिका परिषद गौरीगंज के पत्र संख्या–2075 दिनांक 07/03/2024(**पताका–च**), जिला पंचायत राज अधिकारी अमेठी द्वारा अपने कार्यालय के पत्र संख्या–6631 दिनांक 06/03/2024(**पताका–छ**), कार्यालय खनन अधिकारी अमेठी, खनन विभाग द्वारा अपने कार्यालय के पत्र संख्या–138 दिनांक 02/03/2024(**पताका–ज**), उपायुक्त, उद्योग प्रोत्साहन एवं उद्यमिता विकास केंद्र द्वारा अपने कार्यालय के पत्र संख्या–922 दिनांक 07/03/2024 (**पताका–झ**), व क्षेत्रीय वन अधिकारी मुसाफिरखाना वन प्रभाग अमेठी द्वारा अपने कार्यालय के पत्र संख्या–192 दिनांक 05/03/2024 (**पताका–ट**), द्वारा सूचना उपलब्ध कराई गई है जो सम्बन्धित पताका पर रक्षित है, जिसे संकलित कर निर्धारित प्रारूप पर पत्रावली के दायी तरफ रक्षित किया गया हैं(**पताका–ठ**),एवं निर्धारित प्रारूप में दाखिल कराये जाने हेतु सुश्री प्रियंका स्वामी, स्थायी अधिवक्ता मा0 एन0जी0टी0 नई दिल्ली के समक्ष जनपद–अमेठी की सूचना निर्धारित प्रारूप में प्रेषित किया जाना है।

अतः जिला गंगा सुरक्षा समिति से मा0एन0जी0टी0 में दाखिल कराने हेतु सम्बन्धित विभागों से प्राप्त सूचना संकलित कर निर्धारित प्रारूप पर प्रेषित किये जाने हेतु सूचना अधोहस्ताक्षरी द्वारा परीक्षण किया गया हैं। जो पत्रावली के दाहिनी तरफ रक्षित है।

कृपया सहमति की दशा में प्रेषित किये जाने हेतु सूचना पर हस्ताक्षर करना चाहे।

8/3/2024

(रणवीर मिश्र )
प्रभागीय वनाधिकारी
अमेठी वन प्रभाग

07/03/24

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## A.Geographical Detail :

District Amethi lies at the latitude 26°9' north and longitude 81°49' east at an average elevation of 101 metres (331 feet) from mean sea level. Total geographic area of the district about 2329 km2. The surface is generally level, being broken only by ravines in the neighbourhood of the rivers. The principal river is Gomati, which passes through north side of the district. North side of this district is bounded by Ayodhya district; South side is surrounded by Pratapgarh district. The District Barabanki, Raebareli lies in west of Amethi and the East side is bounded by district Sultanpur.

## B. Population:

33810

The district Amethi was created from District- Sultanpur district in 2010 with four tehsheel (Tiloi, Gauriganj, amethi,musafirkhana) and administrative head quarter situated in tehsheel Gauriganj. According to the 2011census Population of district Amethi is 18,67,678 in which 17,61,380 lived under rural area and rest 1,06298 belongs to Urban area. The district has population density of 1,867 in habitants per square kilometer (3,330/sq mi) Amethi has a sex ratio of 976 females for every 1000 males, and the literacy rate is 64.27%.

## C.Blocks and villages:

There are 13 blocks and 682 villages in district Amethi

## D.Urban area:

There are four urban local body in district Amethi in which 02 are Nagar Palika Parishad

प्रभागीय वनाधिकारी
वन प्रभाग अमेठी

(Gauriganj and Jayas ) and rest two are Nagar Panchayat (Amethi and Musafirkhana).

## E. River flow in district:

The river Gomti is principal river of district amethi , which passes through north side of the district and also major source of water throughout the year. River Gomati originates from Gomath tal (formerly known as Fulhar Jheel) near Madho Tanda town of Pilibhit district. After traveling a distance of about 940 km. through Pilibhit, Shahjahanpur, Hardoi, Sitapur, Lucknow, Barabanki, Sultanpur, Jaunpur, and Ghazipur districts of Uttar Pradesh and finally drains into Ganga River near Saidpur/Kaithi in Ghazipur district of Uttar Pradesh. The Gomati River enter in district Amethi from Shukul Bazar and flows through in Shukul Bazar to Musafirkhana for 29 km before entering in neighbor district Sultanpur. In district Amethi 26 village are situated near the bank of this river .

## F. Drains in district:

There is one major drain Kadunala in district Amethi of capacity 6.02MLD .

## G. Nearest district:

The district Amethi have five neighbor districts from North side of this district is bounded by Ayodhya district; South side is surrounded by Pratapgarh district. The District Barabanki, Raebareli lies in west of Amethi and the East side is bounded by district Sultanpur.

## H. Total Number of Industries in district:

There are total 28 Industries established in district Amethi (Table no 1).

जिला पर्यावरण अधिकारी
जिला गंगा समिति

प्रभागीय वनाधिकारी
वन प्रभाग अमेठी

## 1. Sewage

| City/Drain | Total drain capacity | Generation /day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Fluoride (mg/l) | Nitrates (mg/l) | DO (mg/L) | TC (MPN/100 ML) | FC (MPN/100 ML) | Outlet flow and geo code sample point | Cl (mg/L) | Colour/ odour | Discharged into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kadu Nala | 6.02 ML | 6.02 | 8.17 | 6.6 | 25.92 | 60 | 296 | Pb-0.107 mg/L Fe-0.0744 mg/L Zn-0.235mg/L Mn-0.525 mg/L Cr, As,Cu,Hg- Not Detected | 1.01 | 0.34 | 2 | 54000 | 17000 | 6.02 | 61 | 20/None | River Gomti |
| NPP JAIS | 2.20 ML | 2.08 ML | | | | | | | | | | | | | | | Niravlly Nala |
| NPP GAURIGANJ | 1.90 ML | 1.71 ML | | | | | | | | | | | | | | | Lodi Nala |
| NP Amethi | 1.20 ML | 1.08 ML | | | | | | | | | | | | | | | Sagra talab |
| NP Musafirkhan | 1.0 ML | 0.9 ML | | | | | | | | | | | | | | | Gvinga grand |
| TOTAL- | 10.12 ML | 9.71 MLD | | | | | | | | | | | | | | | |

**NPP/NP Drains meets in dry state to Major Drains.It is also recorded that there very less sewage generated in Urban area of District. Beside this the higher amount of sewage directly used by the farmer's for the agriculture purpose and some part of sewage get dry during flow.**

## 2- STP (Sewage Treatment Plant) for treating the sewage of the drains ultimately flowing to river ganga or its tributaries.

| Existing STP (location & capacity) | Capacity (operational) | Inlet/ Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | proposed/under construction STP with completion date |
|---|---|---|---|---|---|---|
| | | | | | | |

There are no sewar line in URBAN LOCAL BODY (NAGAR PALIKA PARISHAD / NAGAR PANCHYAT) in district amethi. and also there is not established Seewage treatment plant (STP) in District amethi.In urban arae there are required 135 LPCD water for sewage system.In urban area drinking water work scheme are presently propesed.At present time in urban area used seewage treatment by septic tank or soakpit.From this discharge are very less or negiable.

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## 3. HOTELS/ ASHRAMS

| Number of Hotels/ ashrams/ dharamshalas | Consent to establish/ operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| District -Amethi 09 | yes | No | self soakpit | At present time in all Hotel/Ashram used seewage treatment by septic tank or soakpit.From this discharge are very less or negiable. |

| SR NO | Name of Hotel/ Ashram/Dharamshal | Consent to establish/ operate | STP | Discharge point Geocode/ sampling point | Action Taken |
|---|---|---|---|---|---|
| 1 | Revati Mahal Gauriganj | No | Not Installed | Through septic tank/Soak pit | - |
| 2 | Kalpatru Hotel and restarurent Gauriganj | No | Not Installed | Through septic tank/Soak pit | - |
| 3 | Alok Dhabha Gauriganj | No | Not Installed | Through septic tank/Soak pit | - |
| 4 | Jaiswal Dhabha Gauriganj | No | Not Installed | Through septic tank/Soak pit | - |
| 5 | Shiv shakti bhojnalay Gauriganj | No | Not Installed | Through septic tank/Soak pit | - |
| 6 | Maurya Restaurent Jayas | No | Not Installed | Through septic tank/Soak pit | - |
| 7 | Bangali Mishthan bhandar Jayas | No | Not Installed | Through septic tank/Soak pit | - |
| 8 | Rajshthan Amethi | No | Not Installed | Through septic tank/Soak pit | - |
| 9 | Hotel International | No | Not Installed | Through septic tank/Soak pit | - |

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## 4. Industrial Effluent discharge by industries whose effluent is ultimately flowing to river Ganga or its tributaries.

| Total number of Industries | Daily effluent discharge | Treatment available (cetp/ petp/ etp operational capacity) | Effluent quality analysis (outlet of treatment plants) Geocode sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 28 | 15173KLD | 15173KLD | As per norms | None | None | None | 395.16 MT/Annum | Trough UPPCB Authorised TSDF |

### Total 28 Industries Established in District Amethi

| S. No | Name of Vikas Khand | Name of Gram panchayat | Name of Industries |
|---|---|---|---|
| 1 | Jagdishpur | Kamrauli | BHEL, Industrial Area, Jagdishpur, Amethi |
| 2 | Jagdishpur | Utelwa | The West India Power Equipment Pvt. Ltd. (WIPE), Jagdishpur |
| 3 | Bhetua | Kudwa | Hindustan Aeronautics Limited Korwa, Munsiganj, Amethi |
| 4 | Jagdishpur | Utelwa | Indogulf Fertilizer Ltd. Jagdishpur, Amethi |
| 5 | Gauriganj | Tikariya | ACC Cement, Tikariya, Gauriganj, Amethi |
| 6 | Jagdishpur | Utelwa | Marwa Cement industries pvt. Ltd., Jagdishpur, Amethi |
| 7 | Bhadar | Trishundi | Indial Oil Corporation (LPG Bottling Plant), Trisundi, Amethi |
| 8 | Gauriganj | Tikariya | Bharat Petrolium (LPG Bottling Plant), Corporation Ltd., Tikariya. |
| 9 | Jagdishpur | Utelwa | A.B. Metals, Jagdishpur Industrial Area, Amethi |
| 10 | Jagdishpur | Utelwa | M.B.D. Industries, Jagdishpur Industrial Area, Amethi |
| 11 | Jagdishpur | Kathaura | Steel Authority of India Ltd. Jagdishpur SAIL Unit, Amethi |
| 12 | Amethi | Raipur Phulwari | Agrahari Masala Udyog (Rajesh Masala), Amethi |
| 13 | Jagdishpur | Utelwa | Shree Enterprises, Industrial area, Jagdishpur, Amethi |
| 14 | Jagdishpur | Utelwa | Shree packaging, Industrial area, Jagdishpur, Amethi |
| 15 | Jagdishpur | Utelwa | Quality packaging, Industrial area, Jagdishpur, Amethi |
| 16 | Gauriganj | Tikariya | ION Exchange, Pvt. Ltd., Tikariya, Amethi |
| 17 | Jagdishpur | Utelwa | Suchitra Metal Pvt. Ltd., Industrial area, Jagdishpur, Amethi |
| 18 | Gauriganj | Tikariya | Rajesh milk and Edible products, Sadhu Nagar., Tikari. Amethi. |
| 19 | Jagdishpur | Utelwa | Suguna Food Products, (Hatchery Unit) Industrial area, Jagdishpur. |
| 20 | Jagdishpur | Utelwa | Suguna Food Products, (Poultry Feed Unit) Industrial area. Jagdishpur, Amethi |
| 21 | Jagdishpur | Utelwa | Jafa Comfeed Pvt. Ltd. Industrial area, Jagdishpur, Amethi |
| 22 | Nagardeeh | Nagardeeh | Kanodia cem pvt. Ltd., Nagardeeh, Post Bhadar, teh and dist. Amethi |
| 23 | Trisundi | Trisundi | SLMG Pvt. Ltd., Trisundi, Industrial Area, UPSIDC, Amethi. |
| 24 | Navkhera | Navkhera | ABIS exports Pvt. Ltd., 36, 37, 38, 42, 43, 44, Vill. Navkhera, Teh.Tiloi, Amethi |
| 25 | Navkhera | Navkhera | ABIS exports Pvt. Ltd. 8,11,38,40,41,42, Vil. Navkhera, Teh. Tiloi, Amethi. |
| 26 | Gauriganj | Tikariya | MLR Foods, C-1, G-63, 64, 65, Tikaria Industrial Area Amethi. |
| 27 | Korwa | Korwa | GM Ordinance factory Project, Korwa, Amethi |
| 28 | Jagdishpur | Jagdishpur | Skylark Pvt. Ltd., A-3, Sector, 22, Industrial Area, Jagdishpur Amethi. |

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## 5. Regulation of Flood Plain Zone:

| Area- cities/ towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge geo code / sampling point. | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No Development zone pillars | Regulatory zone pillars | | | |
| District- Amethi | No area of city/town is effected by flood so no notification is needed fo specifically city/town area | No Development zone pillars have been installed. | No Regulatory zone pillars have been installed. | Stretch of river don't fall in city / town hence no encroachment and no need of removal of encroachment | NO encroachment in city/ town so no timeline is set for removal of encroachment | NO encroachment in city/ town so no timeline is set for removal of encroachment |

## 6. AFFORESTATION/ PLANTATION along the bank of river ganga and its tributaries and their flood plains zones.

| Area- cities/ towns | | Total plantation Geo code/Sampling point | Proposed project | Time line |
|---|---|---|---|---|
| 5 hec. | Majhgaon Van Block | 4125<br>Lat- N- 26.64421<br>Long-E- 81.55850 | Ongoing Project by Forest Depasrtment | Till Financial year 2023-24 (31st March 2024) |
| 5 hec. | Khemmau Van Block | 4125<br>Lat-N- 26.63160<br>Long-E- 81.61282 | Ongoing Project by Forest Depasrtment | Till Financial year 2023-24 (31st March 2024) |
| 5 hec. | Kishni Van Block | 4125<br>Lat-N- 26.58733<br>Long-E- 81.65966 | Ongoing Project by Forest Depasrtment | Till Financial year 2023-24 (31st March 2024) |
| 5 hec. | Pali (Samda) Van Block | 4125<br>Lat-N- 26.61760<br>Long-E- 81.66601 | Ongoing Project by Forest Depasrtment | Till Financial year 2023-24 (31st March 2024) |
| 5 hec. | Sansarpur Van Block | 4125<br>Lat-N- 26.65246<br>Long-E- 81.58766 | Ongoing Project by Forest Depasrtment | Till Financial year 2023-24 (31st March 2024) |
| 5 hec. | Nadi Van Block | 4125<br>Lat-N- 26.58945<br>Long-E- 81.68528 | Ongoing Project by Forest Depasrtment | Till Financial year 2023-24 (31st March 2024) |

## 7. Mining and stone crushing in riverbed and flood plain zone of river Ganga and its tributaries.

| Area of mining | FIR/ case registered/ year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 |

There are no mining area in District-Amethi

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**The Tribunal has already directed for furnishing following information by order dated 24.11.2023:-**

| | | |
|---|---|---|
| 01. | **(1)District Ganga Protection Plan at city/ town level:-**<br>District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stream of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55). | There are 26 villages comes under the main stream of river Ganga Tributaries Gomti and Ganga Gram samiti organized in each villege for Rejuvenation, Protection and Management. The meetings of these committee Members organized on regular basis in every month and also District Ganga committee meeting held every month under the super vision of District Magistrate. |
| 02. | **2.Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary) -** | |
| | **2.1 Sewage Management:** | |
| | (i) Sewage generation (for entire District and individual town wise): | Major Drain seweage generated is 6.02 and very less sewage generated in Urban area NPP/NP is .So total seweage generated is 9.71 MLD<br>(As pr given by Nodal Executive officer District-Amethi & Central pollution control board Raibareli) |
| | (ii) Existing Sewage Treatment Capacities : | There are no STP established in District- Amethi. |
| | (iii) Quantity of sewage is being treated (utilization capacity) : | There are no STP Plant established so seweage is not being treated but in District amethi maximum Household used soakpit and septic tank. |
| | (iv) Performance of STPs particularly for FC | There are no STP established in District- Amethi so Performance of STPs particularly for Fecal coliform. |
| | (v) Where treated sewage is being discharged (to Ganga or tributaries) : | NO,treated sewage is being discharged (to Ganga or tributaries) : |

जिला पर्यावरण [illegible]
जिला गंगा समिति [illegible]



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| | | |
|---|---|---|
| | (vi) Reasons for Under-utilization of STPs (Connectivity of Households/ laying of sewer lines) : | There are no sewer line under Urban Local Body (NAGARPALIKAPARISHAD/NAGARPANCHYAT) in district Amethi. Except this there is no sewage treatment plant (STP) established in district under urban area , however it is required 135 LPCD water for sewage system. In urban area drinking water work scheme is presently proposed. At present in urban area fecal sludge treated through septic tank / soakpit. |
| | (vii) Current Gap in sewage treatment : | There are no gap of sewage treatment. |
| | (viii) Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues : | Working as given order by govt. of UP and Govt. of India and proceed all rule and regulation for financial arrangement and indentify of executive agency. |
| | (ix) Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries) | No untreated sewage is discharged in (Ganga /Tributaries) Gomati river |
| | **2.2 Drains joining Ganga and Tributary**<br>(i) Number of drains carrying sewage- sullage or industrial waste water joining Ganga/ tributaries with their Quantity and Quality: | There are no drains carrying sewage-sullage or industrial waste etc joining directly Ganga or tributaries. |
| | (ii) Drains joining outside city and town limits but, either joining in village or nearby town: | 3 village are joined in Kadu nala Drain. |
| | (iii) Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs: | Major Drain seweage generated is 6.02 and very less sewage generated in Urban area NPP/NP is .So total seweage generated is 9.71 MLD. |
| | **2.3 Septage management (In case of no STP)**<br>(i) Status of Septage management (with reference to FSTP/STP): | 3.0 KLD FSTP Plant established in village Benipur District Amethi and run under guidance of Panchaytiraj department Amethi. |

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| | | |
|---|---|---|
| | (ii) Management of Grey water and its disposal: | Grey water management by panchayti raj department. In District Amethi there are 338 villege are covered by grey water management and constructed many assests as filter chamber, soak pit etc and 134 village are converted in model village. |
| | **2.4 Industrial Pollution Control**<br>(i) Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs (town wise): | There are 28 industries established in District Amethi, and no industries established near Gomati river. The waste generated from industries are disposed properly by industrial resources. The industrial waste material are not exposed in Gomati river. The meeting are continuously held with industries for industrial flow observation and certain direction are continuously given to Industries for waste disposal. |
| 03. | **(3) Water quality status Provide water quality status of Ganga and its tributaries in the District and city/ town in terms of its fitness for Bathing water quality that is, FC and FS** | Water quality status of Ganga and its tributaries in the District and city send by UPPCB Raebareli which test report is given below. |

| Sr No | Date of Sampling | Sampling point | PH | Color (Hazen) | D.O. (mg/L) | BOD (mg/L) | TC (MPN/100ml) | FC (MPN/100 ml) |
|---|---|---|---|---|---|---|---|---|
| 01- | 18.03.2024 | Gomti River Aam ghat Jagdeesh pur, Amethi | 8.13 | 10 | 8.5 | 3.7 | 3900 | 2400 |
| 02- | 18.03.2024 | Gomti River Isauli ,Amethi | 8.05 | 10 | 8.6 | 4.0 | 4000 | 2700 |
| Primary water quality criteria for bathing water [G.S.R.742(E) Dated 25 September 2000] | | | 6.5-8.5 | - | 5 mg/l or more | 3 mg/lor less | - | 500 Desirable 2500 Maximum permissible. |

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अमेठी-अमेठी



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| | | |
|---|---|---|
| 04. | **(4) Notification of Flood Plain Zones:** | No area of city/town are effected by flood so no notification needed to specifically city/town area. |
| 05. | **(5) Issues relating to Environmental Flow:** | Notification has been issued by dated 09.10.2018 The report is being submitted by the District Ganga /Environment committee. |

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# Best Practices in District- Amethi

**A. Organic farming :**

As per office record 0.27 % land comes under organic farming. The natural farming practices, organic farming, INM (Integrated Nutrient Management ) technique and PM Pranam yojana adopted by farmers for reducing dependency on chemical fertilizers, moreover the Farmers have also adopted the crop residue management practices that reduces the crop burning.

**B. Irrigation:**

Sprinkler and drip irrigation practices have adopted by farmers to control unauthorized use of irrigation water, more over certain farmers also use solar pump for irrigation purposes.

**C. Waste management:**

**(i) Solid waste management :**

The Resource Recovery Center (RRC) have been constructed In 396 village of district Amethi and also constructed 283 garbage dustbin, 45 community NADEP and 32 vermicompost etc. The Material Recovery Facility (MRF) center of capacity 5TPD have been constructed in every ULBs (NagarPalika/ Nagar Panchyat )

**(ii) Liquid Waste Management :**

The filter chamber and Soakpit are constructed in 396 village of district Amethi.

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अमेठी

प्रभागीय वनाधिकारी
वन प्रभाग अमेठी



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**(iii) Fical sludge Management :**

One FSTP plant of 3KLD established in village Benipur in district Amethi

**(iv) Plastic Waste Management:**

In rural area of district Amethi three plastic waste management established

**(v) ODF+ Details**

In rural area 338 village are selected for ODF+ Model village and 138 village are declared for ODF+ Model village rest village will be declare in Financial year 2024-25.

**D -Forestation**:

In district Amethi total 4544575 plants has been planted under area of 979 hectare during the financial year 2023-24.

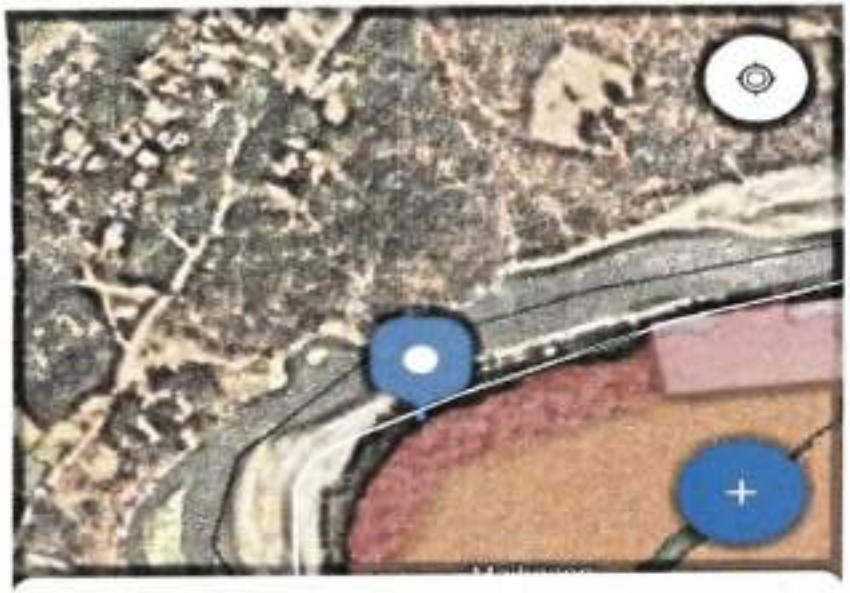
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जिला गंगा समिति(नमामि गंगे)
अमेठी-अमेठी

प्रभागीय वनाधिकारी
वन प्रभाग अमेठी

33821

# (Ganga tributaries Gomti river start and end point Coordinates *in District.*

GPS accuracy 1.8 m



Dropped pin

43.1 km

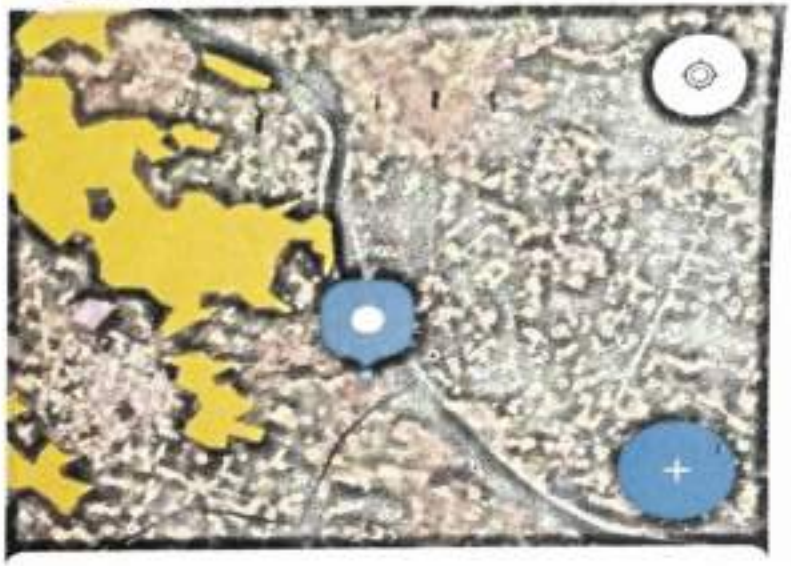
DETAILS WHAT'S HERE?

Coordinates
26°39'51"N 81°33'40"E

Address
Rudauli, Uttar Pradesh

START POINT(Villege- Majhgaon)

GPS accuracy 1.9 m



Dropped pin

6.2 km

DETAILS WHAT'S HERE?

Coordinates
26°23'20"N 81°52'45"E

Collect here

Directions

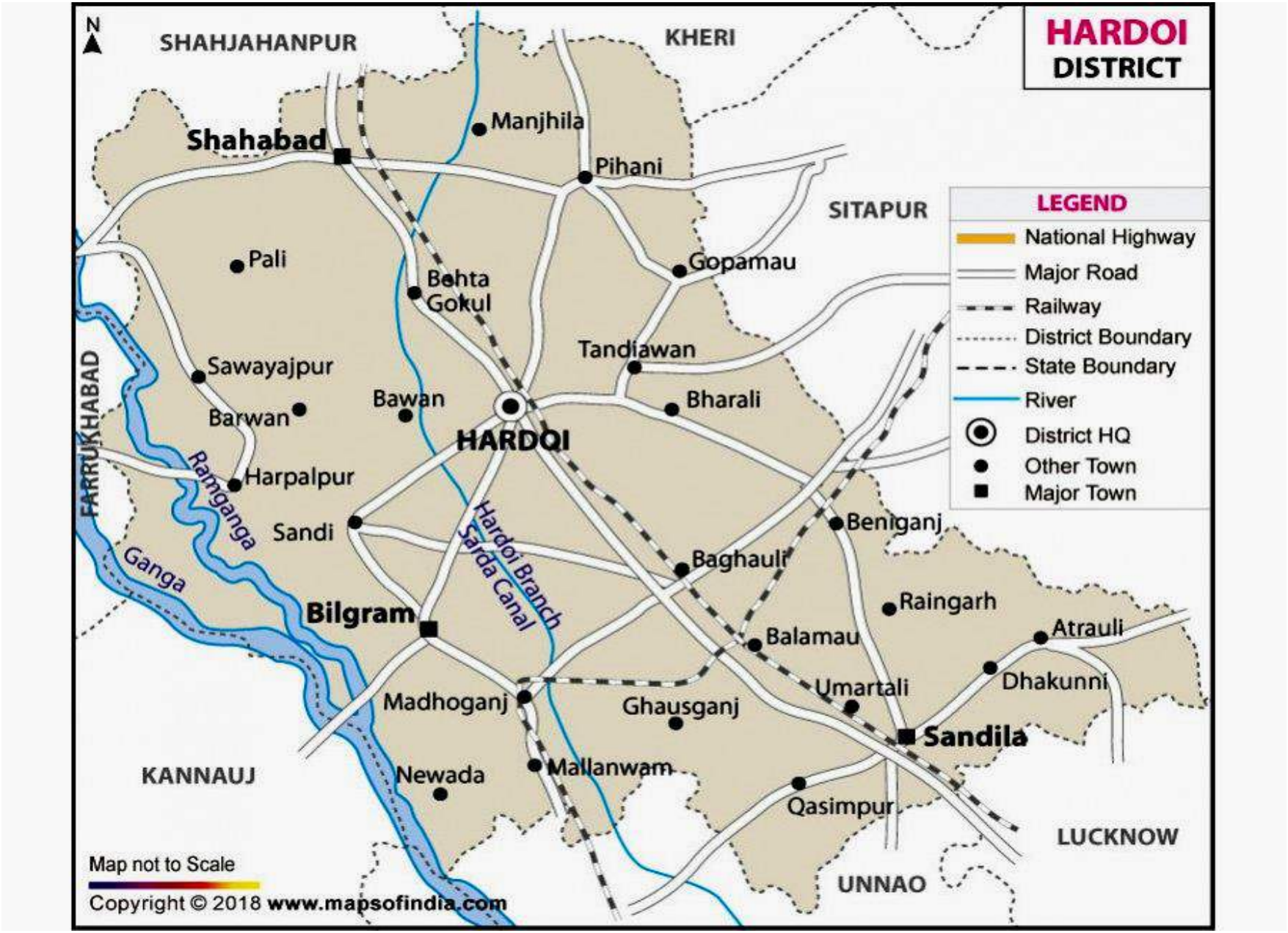
END POINT(Villege-Rasulabad)

33822

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जल शक्ति मंत्रालय
GOVERNMENT OF INDIA

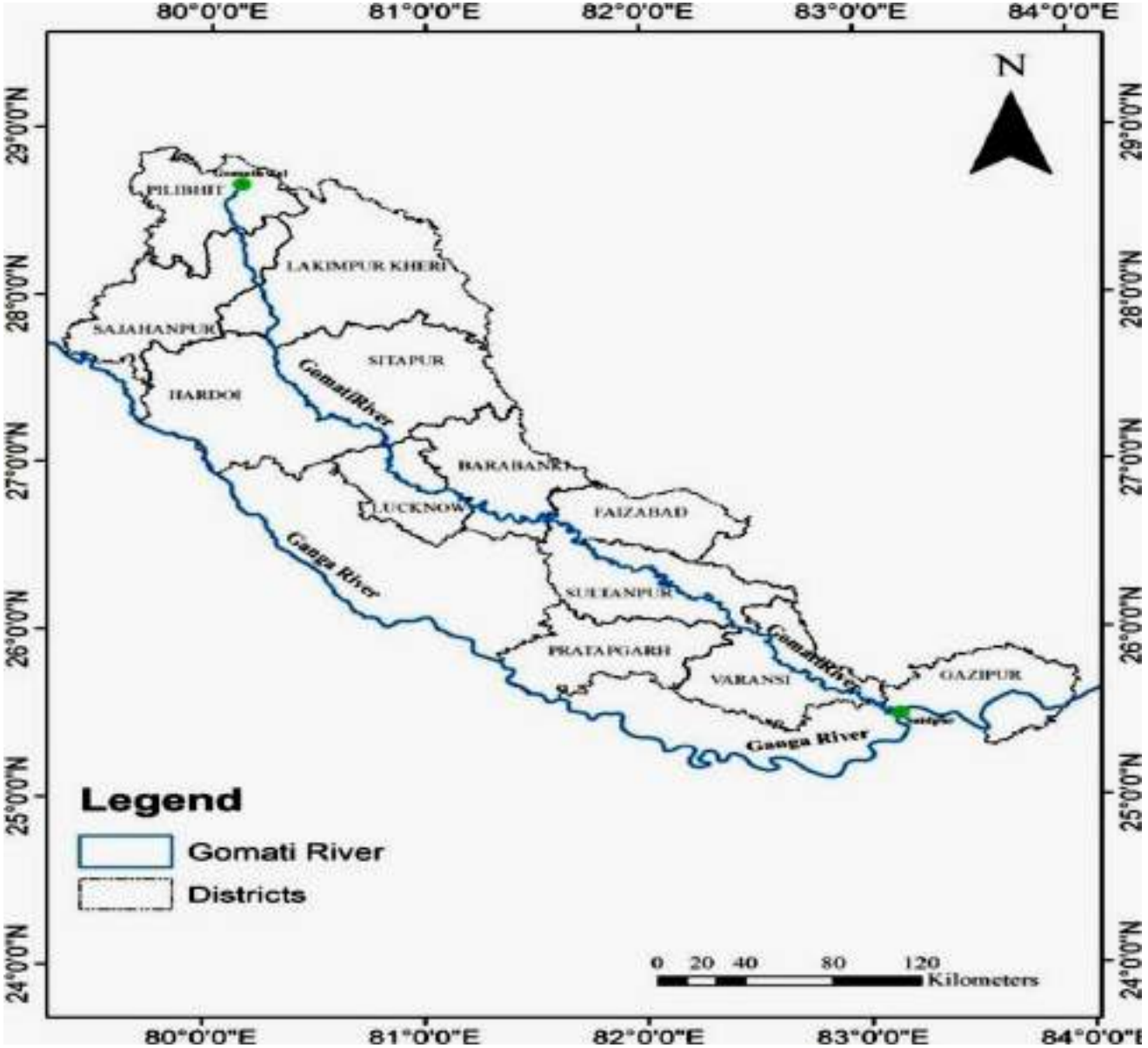
# Report in
# Compliance of Hon'ble NGT order
# Dt. 24.01.2024
# O.A 200/2014 MC Mehta Vs UOI and Ors

## Report Submitted By-
## DISTRICT GANGA COMMITTEE
## DISTRICT HARDOI


HARDOI
DISTRICT
N
SHAHJAHANPUR
KHERI
SITAPUR
KANNAUJ
FARRUKHABAD
UNNAO
LUCKNOW
LEGEND
National Highway
Major Road
Railway
District Boundary
State Boundary
River
District HQ
Other Town
Major Town
Shahabad
Manjhila
Pihani
Pali
Behta Gokul
Gopamau
Tandiawan
Sawayajpur
Bawan
Bharali
Barwan
HARDOI
Harpalpur
Ramganga
Sandi
Hardoi Branch
Sarda Canal
Ganga
Beniganj
Baghauli
Raingarh
Bilgram
Balamau
Atrauli
Umartali
Dhakunni
Madhoganj
Ghausganj
Sandila
Mallanwam
Newada
Qasimpur
Map not to Scale
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- **It has 7 Nagar Palika Parishads.**
    1. Hardoi
    2. Bilgram
    3. Mallawan
    4. Sandi
    5. Shahabad
    6. Pihani
    7. Sandila
- **It has 6 Nagar Panchayats**
    1. Pali
    2. Madhoganj
    3. Kursath
    4. Kachauna Patsaini
    5. Gopamau
    6. Beniganj

- Geographical area is 5947 $km^2$
- As per census 2011 population of the district is 4091380, out of which Female are 1887116 & Male are 2204264.


80°0'0"E
81°0'0"E
82°0'0"E
83°0'0"E
84°0'0"E
29°0'0"N
28°0'0"N
27°0'0"N
26°0'0"N
25°0'0"N
24°0'0"N
N
PILIBHIT
LAKIMPUR KHERI
SAJAHANPUR
SITAPUR
HARDOI
Gomati River
BARABANKI
LUCKNOW
FAIZABAD
Ganga River
SULTANPUR
PRATAPGARH
VARANSI
GAZIPUR
Legend
Gomati River
Districts
0 20 40 80 120
Kilometers

## 1. Sewage

| Drain (City/ Town) | Total drain capacity | Generation/ day | PH | BOD (mg/l) | COD (mg/l) | TSS (mg/l) | TDS (mg/l) | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO (mg/l) | TC (MPN/100 m) | FC (MPN/100 m) | Outlet flow and geo code/ Sample Point | Colour/ Odour | Discharged Into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Hardoi** | | | | | | | | | | | | | | | |
| NPP Hardoi Maholiya | 13.2 MLD | 9.6 MLD | 8.30 | 76 | 126.2 | 06 | 715 | Fe-1.02, Cr-BDL Pb-BDL As-0.019, Mn-BDL, Cu-BDL, Zn-1.23, Hg-BDL, F-Nil | 1.95 | 0.4 | 348 | 240 | Lat-7.404736 Long-80.154759 | Light Grey/ Unpleasant | Bhaista Drain |
| NPP Hardoi Post office talab to Chhuiya Drain | 15.5 MLD | 10.8 MLD | 8.20 | 272 | 961.1 | 113 | 1052 | Fe-1.05, Cr-BDL Pb-BDL As-0.019, Mn-BDL, Cu-BDL, Zn-1.22, Hg-BDL, F-Nil | 1.85 | 0.2 | 345 | 278 | Lat-27.384384 Long-80.131256 - | Light Grey/ Unpleasant | Chhuiya Drain |
| NPP Hardoi Daan Singh Puliya to Chhuiya drain via Bawan Road | 12.5 MLD | 9.2 MLD | 8.50 | 136 | 320.4 | 118 | 986 | Fe-0.89, Cr-BDL Pb-BDL As-0.021, Mn-BDL, Cu-BDL, Zn-1.05, Hg-BDL, F-Nil | 3.19 | 0.2 | 278 | 221 | Lat-27.38417 Long-80.106347 | Light Grey/ Unpleasant | Chhuiya Drain |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Shahabad** | | | | | | | | | | | | | | |
| NPP Shahabad (Hardoi) | 9.5 MLD | 0.31 | 8.84 | 108 | 112.4 | 67 | 820 | Fe-0.62, Cr-BDL, PB-BDL, Zn-1.16, Hg-BDL, Fluoride-0.64 | 4.59 | 0.6 | 542 | 212 | Lat 27.64966, Long 79.934291 | Light Grey/ Unpleasant | Sunhari Talab |
| **Pihani** | | | | | | | | | | | | | | |
| NPP Pihani Hardoi road drain | 2.80 | 0.09 | 7.31 | 252 | 551.01 | 636 | 836.5 | Fe-1.00 Cr-BDL Pb-BDL As-0.025 Mn-BDL Cu-BDL Zn-2.01 Hg-BDL F-Nil | 5.10 | 0.4 | 542 | 348 | Lat-27.629774 Log-80.195444 | Blackish/ Unpleasant | Sai River |
| NPP Pihani Karawan road drain | 2.80 MLD | 0.09 | 7.47 | 108 | 234 | 98 | 950 | Fe-0.97, Cr-BDL Pb-BDL, As-0.030 Mn-0.08, Cu-BDL, Zn-2.58 Hg-BDL, F-Nil | 4.82 | 0.3 | 542 | 278 | Lat-27.629774 Log-80.195444 | Light Grey/ Unpleasant | Open Fields |
| NPP Pihani Gopamau Road Drain | 2.80 MLD | 0.09 | 8.28 | 22 | 163 | 315 | 459.70 | Fe-0.81, Cr-BDL Pb-BDL, As-0.015 Mn-BDL, Cu-3.0 Zinc-1.98, Hg-BDL, F-Nil | 1.63 | 0.41 | 278 | 79 | Lat-27.629774 Log-80.195444 | Blackish/ Unpleasant | Open Fields |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Kursath** | | | | | | | | | | | | | | | |
| NP Kursath Pani Tanki to Chhitariha Pond | 0.56 MLD | 0.18 MLD | 8.21 | 50 | 102 | 16 | 682.2 | Fe-0.95, Cr-BDL PB-BDL, Ar-0.024 Mn-BDL, Cu-BDL Zn-1.80, Hg-BDL Fluoride- Nil | 1.43 | 0.4 | 426 | 177 | Lat 27.131431 Long 80.244987 | Light grey | Talab |
| **Gopamau** | | | | | | | | | | | | | | | |
| NP Gopamau Anis cement store to Kanji talab | 1.20 MLD | 1.03 MLD | 7.80 | 20 | 30.61 | 31 | 439.7 | Fe-0.68, Cr-BDL, Pb-BDL, As-0.021, Mn-BDL, Cu-BDL, Zn-1.53, Hg-BDL, F-Nil | 1.17 | 0.3 | 345 | 221 | Lat-27.530429Long-80.288588 | Light Grey/ Unpleasant | Kanji talab |
| NP Gopamau Chunnan house to Sagar talab | 1.08 MLD | 0.84 MLD | 8.01 | 40 | 91.83 | 78 | 624 | Fe-0.83, Cr-BDL, Pb-BDL, As-0.009, Mn-BDL, Cu-BDL, Zn-1.92, Hg-BDL, F-0.23 | 3.10 | 0.2 | 542 | 348 | Lat-27.53552$^0$ Long-80.28173$^0$ | Light Grey/ Unpleasant | Sagar talab |
| **Bilgram** | | | | | | | | | | | | | | | |
| NPP Bilgram-Eidgah Anjuman (Kasupet Drain) | 4 MLD | 4 MLD | 7.84 | 46 | 183 | 159 | 819.4 | Fe-0.84, Cr-BDL Pb-BDL, As-0.020 Mn-BDL, Cu-BDL Zinc-1.87, Hg- BDL, F-Nil | 3.87 | 0.7 | 70 | 43 | Lat-27.17996 Log-80.028397 | Light Grey/ Unpleasant | Talab |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NPP Bilgram-Malkanth Sidri drain | 2.80 MLD | 2.80 MLD | 7.82 | 20 | 30.6 | 18 | 730.2 | Fe-0.74, Cr-BDL Pb- BDL, As-0.014 Mn-BDL, Cu-BDL Zinc-1.10, Hg-BDL, F-0.20 | 2.31 | 0.5 | 32 | 17 | Lat-27.165866 Log-80.027124 | Light Grey/ Unpleasant | Talab |
| **Kachhauna** | | | | | | | | | | | | | | | |
| NP Kachhauna Babulal Puliya | 1.2 MLD | 0.51 MLD | 8.47 | 210 | 873 | 218 | 878.4 | Fe-0.92, Cr-BDL PB-BDL, As-0.025 Mn-BDL, Cu-BDL Zn-1.70, Hg-BDL | 5.18 | 0.1 | 348 | 175 | Lat-27.158862 Log-80.3435 | Light Grey/ Unpleasant | Ahirani Talab |
| NP Kachhauna Sumitra Tiraha | 0.5 5MLD | 0.25 MLD | 7.82 | 34 | 126 | 21 | 709 | Fe-1.46, Cr-BDL PB-BDL, As-0.015 Mn-BDL, Cu-BDL Zn-0.46, Hg-BDL | 2.17 | 0.4 | 120 | 46 | Lat-27.158862 Log-80.3435 | Light Yellow /Unpleasant | Takiya |
| **Sandi** | | | | | | | | | | | | | | | |
| NPP Sandi KESAV BAGIYA KE PAS MOHALLA AULADGANJ | 2.5 MLD | 0.51 MLD | 7.83 | 56 | 91.83 | 41 | 498.6 | Fe-0.68, Cr-BDL, PB-BDL, As-0.015, Mn-BDL, Cu-BDL, Zn-1.22, Hg-BDL, F-0.52 | 2.46 | 0.20 | 426 | 345 | Latitude-27.286972, Longitude-80.948043 | Yellowish/ Unpleasant | GARRA RIVER |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NPP Sandi Mohalla, Raytola | 1.5 MLD | 0.46 MLD | 7.93 | 36 | 81.63 | 67 | 545.7 | Fe-0.74, Cr-BDL, PB-BDL, As-0.012, Mn-BDL, Cu-BDL, Zn-1.98, Hg-BDL, F -Nil | 2.24 | 0.2 | 212 | 148 | Latitude-27.282909, Longitude-80.951513 | Yellowish/ Unpleasant | GARRA RIVER |
| NPP Sandi Mohalla, Naushara | 1.2 MLD | 0.32MLD | 7.93 | 64 | 122.44 | 90 | 586 | Fe-0.75, Cr-BDL, PB-BDL, As-0.016, Mn-BDL, Cu-BDL, Zn-0.95, Hg-BDL, F- Nil | 3.11 | 0.4 | 345 | 278 | Latitude-27.291638Longitude80.948461 | Yellowish/ Unpleasant | GARRA RIVER |
| **Madhoganj** | | | | | | | | | | | | | | | |
| NP Madhoganj Ambedkar Nagar | 1.2 MLD | 0.36 MLD | 7.70 | 410 | 1029.4 | 792 | 1326 | Fe-0.93, Cr-BDL, PB-BDL, As-0.014., Mn-BDL, Cu-BDL, Zn1.50,Hg-BDL, F-0.19l | 5.12 | 0.2 | 350 | 228 | Latitude-27120823 Longitude-80.139544 | light grey/ Unpleasant | DAHRA TALAB |
| NP Madhoganj Singh Dwar | 1.8 MLD | 0.42 MLD | 7.60 | 250 | 504.8 | 66 | 1072 | Fe-0.99, Cr-BDL, PB-BDL, As-0.015, Mn-BDL, Cu-BDL, Zn-1.21, Hg-BDL, F-0.18 | 3.82 | 0.4 | 348 | 253 | Latitude-27.11471 Longitude-80.141097 | Dark grey/ Unpleasant | GHUINYA PAKARIYA TALAB |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pali** | | | | | | | | | | | | | | | |
| NP Pali Mohalla Malikana to malik juggan ke makan se fukro wale talab tak | 1.32 MLD | 0.40 MLD per day | 7.32 | 70 | 102 | 351 | 664.2 | Fe-1.02, Cr BDL As-0.019, Mn-BDL Cu-BDL, Zn-1.76 Hg-BDL, F-0.21 Pb-BDL | 4.32 | 0.1 | 253 | 177 | Latitude-27.525936 Longitude-79.848290 | Colour - Light Grey odour - Unpleasant | Talab |
| NP Pali Mohalla Partiyanaeem to Suresh Ke makan se kali mandir se talab tak | 1.25 MLD | 0.39 MLD per day | 7.67 | 32 | 81.6 | 105 | 374.5 | Fe 0.76. Cr BDL As-0.011, Mn-BDL Cu-BDL, Zn-1.59 Hg-BDL, Fluride-0.17, Pb- BDL | 2.76 | 0.2 | 542 | 240 | Latitude-27.536183 Longitude-79.847646 | Colour - Light Grey odour - Unpleasant | Talab |
| **Beniganj** | | | | | | | | | | | | | | | |
| NP Beniganj Sandila – Hardoi road both side | 1.90 MLD | 1.51 MLD | 7.77 | 44 | 234.6 | 31 | 765.2 | Fe-0.89, Cr-BDL Pb-BDL, As-0.019 Mn-BDL, Cu-BDL, Zn-1.22 Hg-BDL, F-Nil | 1.42 | 0.2 | 348 | 221 | Latitude-27.29576 Longitude-80.44781 | Light Grey/ Unpleasant | Durghatiya modh |
| **Sandila** | | | | | | | | | | | | | | | |
| NPP Sandila/ Pasaujan Nala | 8.1MLD | 3.5MLD | 7.90 | 66 | 153 | 123 | 826.4 | Fe-1.35, Cr-BDL, Pb-BDL, As-0.020, Mn-BDL, Zn-1.09, Hg-BDL, F-Nil | 2.05 | 0.2 | 348 | 175 | Latitude-27.06833, Longitude-80.52543 | Light Grey/ Unpleasant | Kakrali Village Drain |

| **Mallawan** | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NPP Mallawan HARDOI TO UNNAO Road Drain | 2.80 MLD | 0.09 | 7.31 | 252 | 551.01 | 636 | 836.5 | Fe-1.00, Cr-BDL Pb-BDL, As-0.025 Mn-BDL, Cu-BDL, Zn-2.01 Hg-BDL, F-Nill | 5.10 | 0.4 | 542 | 348 | Latitude-27.629774 Longitude-80.195444 | Blackish/ Unpleasant | Open Fields |
| NPP Mallawan RAGHUPUR Road Drain | 2.80 | 0.09 | 7.26 | 110 | 244 | 102 | 950 | Fe-0.97, Cr-BDL Pb-BDL, As-0.030 Mn-0.08, Cu-BDL Zn-2.58, Hg-BDL F-Nill | 4.72 | 0.5 | 550 | 205 | Latitude-27.035236 Longitude-80.142562 | Light Grey/ Unpleasent | Open Fields |

- The above information is to be submitted on the basis of end point sample analysis of the concerned drain.
- At present STP (sewage treatment plant) is not established in Hardoi district.
- At present 32 KLD FSTP (Fecal Sewage Treatment Plant) is established and operating in Hardoi district.

**2. STP (Sewage Treatment Plant) for treating the sewage of the drains ultimately flowing to river ganga or its tributaries**

| Existing STP (Location &Capacity) | Capacity (Operational) | Inlet/ Outlet water Quality &Quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/ Under Construction STP with Completion Date |
|---|---|---|---|---|---|---|
| **NO STP IN DISTRICT HARDOI** | | | | | | |
| | | | | | | STP Proposed at Nagar Panchayat Kursath (0.60 MLD STP With co-treatment (5.00 KLD)) |
| | | | | | | STP Proposed at Nagar Panchayat Pali (1.82 MLD STP With co-treatment (5.00 KLD)) |
| | | | | | | STP Proposed at Nagar Palika Parishad Bilgram 3.00 MLD STP with Co-treatment (10.00 KLD), I&D; MPS intercepting sewer, rising main, effluent channel |
| | | | | | | STP Proposed at Nagar Panchayat Bengiganj (1.06 MLD STP With co-treatment (5.00 KLD)) |
| | | | | | | STP Proposed at Nagar Palika Parishad Sandila capacity 6.60 MLD STP With co-treatment-15.00 KLD) |
| | | | | | | STP Proposed at Nagar Panchayat Mallawan |

| | |
|---|---|
| | (3.75 MLD STP With co-treatment (10.00 KLD)) |
| | STP Proposed at Nagar Panchayat Kachhauna (1.62 MLD STP With co-treatment-5.00 KLD) |
| | STP Proposed at Nagar Panchayat Sandi (2.62 MLD STP With co-treatment-10.00 KLD) |
| | STP Proposed at Nagar Panchayat Madhoganj (1.18 MLD STP With co-treatment-5.00 KLD) |
| | STP Proposed at Nagar Panchayat Gopamau (1.62 MLD STP With co-treatment (5.00 KLD)) |
| | STP Proposed at Nagar Panchayat Pihani (3.51 MLD STP With co-treatment (10.00 KLD)) |
| • STP Not Existed in NPP & NP while agreement with NPP Hardoi (FSTP for Co Treatment)<br>• There is no sewer line in any ULB of District Hardoi | |

**2.1 STP ADDITIONAL INFORMATION**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO - COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| **1.** Gomti River U/s At Jahani Kheda, Hardoi | - | 27.740161, 80.266891 | - | - |
| **2.** Gomti River D/s At Bhatpur, Hardoi | - | 27.188553, 80.801721 | - | - |
| **3.** Garra River D/s At Pali, Hardoi | - | 27.5393643, 79.8466409 | - | - |
| **4.** Garra River U/s At Babarpur, Pali, Hardoi | - | 27.5575027, 79.8427921 | - | - |
| **5.** Garai Nala at Near Vill-Babarpur, Pali, Hardoi | - | 27.5585127, 79.841461 | - | - |
| **6.** Ram Ganga River meet with Ganga River at Tera Ghat Hardoi | - | 27.1684855, 79.8749295 | - | - |
| **7.** Garra River meet with Ganga River Near Vill-Zarella, Bilgram Hardoi | - | 27.1365590, 79.951718 | - | - |
| **8.** Sai River at Hardoi-Lko Road Bridge | - | 27.2306319, 80.2497599 | - | - |

| | | | | |
|---|---|---|---|---|
| **9.** Sai River at Sandila-Mallawan Road Bridge, Near Vill. -Gausganj, Hardoi | - | 27.076077, 80.2723 | - | - |
| **10.** Sukheta Nala meet with Garra River Near Vill-Malwa-Akhbelpur, Hardoi | - | 27.342313, 79.951818 | - | - |
| • Presently, there is no any STP installed at Final Outlets of Drains / tributaries. | | | | |

| **Proposed STP (Location & Capacity)** | **Capacity (Operational)** | **Inlet/Outlet Water Quality & Quantity** | **Number of tapped drains (Quantity of discharge)** | **GAP (in treatment)** | **Final discharge point Geo code/ Sampling Point** | **Proposed/ under construction STP with completion date** |
|---|---|---|---|---|---|---|
| There is no sewer line in any ULB of District Hardoi | - | - | - | - | - | - |
| Bilgram-3.00 MLD STP with Co- treatment (10.00 kid) | Currently Not Operational | Light Grey/Unpleasant | Kasupet drain | NO Gap | Lat-27.17996 Log-80.028397 | 3.00 MLD STP with Co-treatment (10.00 kid), |
| Sandila NPP Proposed capacity 6.60 MLD STP With co-treatment-15.00 KLD) | Currently Not Operational | Light Grey/Unpleasant | Kakrali village drain | NO Gap | Lat-27.06833, Lon-80.52543 | Proposed capacity 6.60 MLD STP With co-treatment-15.00 KLD) |

### 3. Hotels/ Ashrams/Dharmshalas/Residential Complexes abutting River Ganga or its tributaries

| Number of Hotels/ Ashrams/ Dharmshalas | Consent to Establish/ Consent to Operate | STP | Discharge Point | Action Taken |
|---|---|---|---|---|
| Hotel Basant Leela, Hardoi | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |
| Atithi Hotel, Hardoi | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |
| H K Hotel & Lawns, Hardoi | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |
| Hotel Mahendra Plaza, Hardoi | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |
| Pooja Hotel, Hardoi | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |
| Hotel Siddhartha, Hardoi | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |
| Sandila Guest House, Sandila | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |
| Hotel KSR Grand, Sandila | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |
| Laxmikant marriage Lawn Sandila | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |
| Shree Bihari Ji Hotel & Banquet Hall, Sandila | Not Applied | Septic Tank/Soak Pit | Municipal Drain/ Road Side Drain | Notice sent |

- The effluent coming out of 06 hotels established and operated in Nagar Palika Parishad, Hardoi, goes into Chhuiya Drain through the drains located on the road side and Chhuiya Drain joins Sai River (Bhansata River).

- The effluent coming out of 04 hotels established and operated by Nagar Palika Parishad, Sandila, Hardoi is disposed through road side drains into the Pasojan drain which then dries up.

## 4. IV. Industrial Effluent discharge by industries whose effluent is ultimately flowing to river Ganga or its tributaries

| Total number of Industries | Daily effluent discharge | Treatment available (CETP/ PETP/ ETP operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/ under construction treatment project (with timeline) | Number of defaulting units- Action taken | Industrial solid waste generated/ day | Manner of disposal (Industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| Sandila - 13 | 11608 KLD | ETP installed in each Industry Separately of Adequate Capacity | As per schedule monitoring and analysis done by RO UPPCB, Unnao | 0 | No any Proposed/under construction treatment Project | No any Number of defaulting units- Action taken | 10.96 | Recycling/ Through TSDF |

## 5. Regulation of Flood Plain Zone:

| Area- Cities/ Towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge Geocode/ Sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| Hardoi | - | 1979 | 844 | List Attached | NA | Demarcation Piller is Installed |

## 6. Afforestation/ Plantation along the bank of River Ganga and its tributaries and their flood plain zones

| Area- cities/ towns | Total plantation Geo Code/ Sampling Point | Proposed project | Timeline |
|---|---|---|---|
| **District - Hardoi** | **2248027 (Letter dt 28.3.24 attached by DFO Hardoi)** | **7735708** | **2023-24** |

**Site wise list of tree plantation done in the year 2023-24 (35.0 crore) Tree Plantation Campaign 2023**

| Sr. No. | Place Name | Year 2023-24 | | GPS Reading | |
|---|---|---|---|---|---|
| | | Area in Hq | Planted Trees | Latitude | Longitude |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Khajohna Village Society-1 | 5.0 | 12500 | N-27º 5'41.67" | E-80º 22'12.774" |
| 2 | Khajohna Village Society-2 | 5.0 | 12500 | N-27º 05'20.91" | E-80º 22'13.164" |
| 3 | Khajohna Village Society-3 | 5.0 | 12500 | N-27º 05'396" | E-80º 22'16.818" |
| 4 | Sandila Beniganj Road Km 23-26 | 5.0 | 8000 | N-27º 16'23.14" | E-80º 27'23.14" |
| 5 | Sandila Beniganj Road Km 26-30 | 5.0 | 8000 | N-27º 18'46.40" | E-80º 26'05.40" |
| 6 | Gausganj Village Society-1 | 5.0 | 12500 | N-27º 04'59.127" | E-80º 16'32..031" |
| 7 | Gausganj Village Society-2 | 5.0 | 12500 | N-27º 04'56.201" | E-80º 16'24.186" |
| 8 | Gausganj Village Society-3 | 5.0 | 12500 | N-27º 04'50.027" | E-80º 16'23.394" |
| 9 | Gausganj Village Society-4 | 5.0 | 12500 | N-27º 04'46.598" | E-80º 16'14.0106" |
| 10 | Gausganj Village Society-5 | 5.0 | 12500 | N-27º 05'10.134" | E-80º 16'23..988" |
| 11 | Hathaoda Forest Block-1 | 5.0 | 12500 | N-27º 11'16.764" | E-80º 23'14.112" |
| 12 | Hathaoda Forest Block-2 | 5.0 | 12500 | N-27º 11'18.006" | E-80º 23'47.838" |
| 13 | Hathaoda Forest Block-3 | 5.0 | 12500 | N-27º 11'16.422" | E-80º 24'16.794 |
| 14 | Lonhra Forest Block-1 | 5.0 | 12500 | N-27º 07'55.880" | E-80º 22'49.789" |
| 15 | Lonhara Forest Block-2 | 5.0 | 12500 | N-27º 15'36.61" | E-80º 34'93.34" |
| 16 | Lonhra Forest Block-3 | 5.0 | 12500 | N-27º 08'04.56" | E-80º 22'55.36" |
| 17 | Lonhra Forest Block-4 | 5.0 | 12500 | N-27º 07'50.087" | E-80º 22'38.550" |
| 18 | Deennagar Forest Block-1 | 5.0 | 12500 | N-27º 02'07.208" | E-80º 41'90.5" |
| 19 | Deennagar Forest Block-2 | 5.0 | 12500 | N-27º 21'14.49" | E-80º 42'09.15" |
| 20 | Deennagar Forest Block-3 | 5.0 | 12500 | N-27º 21'12.85" | E-80º 42'10.75" |

| | | | | | |
|---|---|---|---|---|---|
| 21 | Kamipur Forest Block-1 | 5.0 | 12500 | N-27º 07'46.836" | E-80º 81'25.374" |
| 22 | Kamipur Forest Block-2 | 5.0 | 12500 | N-27º 07'35.67" | E-80º 21'24.67" |
| 23 | Kamipur Forest Block-3 | 5.0 | 12500 | N-27º 07'36.522" | E-80º 27'05.994" |
| 24 | Kamipur Forest Block-4 | 5.0 | 12500 | N-27º 08'07.86" | E-80º 81'05.316" |
| 25 | Beniganj to Amarganj link road | 5.0 | 8000 | N-27º 18'49.46" | E-80º 27'09.37" |
| 26 | Sandila Gausganj Road Km 18-21 | 5.0 | 8000 | N-27º 5'5.886" | E-80º 22'4.962" |
| 27 | Sharda Canal Lucknow Branch Mile No. 89-91 | 5.0 | 8000 | N-27º 12'27.749" | E-80º 17'01..606" |
| 28 | Bairagikheda to Chapartala link road 0 3-06 | 5.0 | 8000 | N-27º 16'54.74" | E-80º 28'42.63" |
| 29 | Baan-Para Village Society | 5.0 | 12500 | N-27º 06'34.787" | E-80º 17'38.599" |
| 30 | Nagwa One Block | 5.0 | 12500 | N-27º 15'59.44" | E-80º 21'50.63" |
| 31 | Umrapur Forest Block-1 | 5.0 | 12500 | N-27º 15'46.015" | E-80º 21'28.623" |
| 32 | Umrapur Forest Block-2 | 5.0 | 12500 | N-27º 15'48.012" | E-80º 21'32.457" |
| 33 | Umrapur Forest Block-3 | 5.0 | 12500 | N-27º 15'59.44" | E-80º 21'50.63" |
| | **Total** | **165.0** | **385500** | | |
| 1 | Karawa Forest Block-I | 5.0 | 10000 | N-27º 40'43.77" | E-80º 91'03.73" |
| 2 | Karawa Forest Block-II | 5.0 | 10000 | N-27º 41'4.00" | E-80º 8'41.00" |
| 3 | Karawa Forest Block-III | 5.0 | 10000 | N-27º 40'54.30" | E-80º 91'3.86" |
| 4 | Karawa Forest Block-IV | 5.0 | 10000 | N-27º 40'45.85" | E-80º 91'0.42" |
| 5 | Sharda Canal Hardoi Branch Km 121-126 | 5.0 | 3125 | N-27º 37'48.76" | E-80º 23'59.00" |
| 6 | Sharda Canal Hardoi Branch Km 105 to 112 | 6.5 | 4050 | N-27º 44'46.81" | E-80º 04'23.66" |
| | **Total Forest Deposite** | **31.5** | **47175** | | |
| 7 | Majhila Village Society-1 | 5.0 | 12500 | N-27º 40'21.91" | E-80º 03'6.94" |
| 8 | Majhila Village Society-2 | 5.0 | 12500 | N-27º 40'21.17" | E-80º 03'2.30" |

| | | | | | |
|---|---|---|---|---|---|
| 9 | Majhila Village Society-3 | 5.0 | 12500 | N-27º 40'20.93" | E-80º 02'53.32" |
| 10 | Majhila Village Society-4 | 5.0 | 12500 | N-27º 40'23.12" | E-80º 02'15.05" |
| 11 | Majhila Village Society-5 | 5.0 | 12500 | N-27º 40'25.55" | E-80º 02'34.71" |
| 12 | Majhila Village Society-6 | 5.0 | 12500 | N-27º 40'15.66" | E-80º 02'32.88" |
| 13 | Majhila Village Society-7 | 5.0 | 12500 | N-27º 40'14.05" | E-80º 02'58.75" |
| 14 | Majhila Village Society-8 | 5.0 | 12500 | N-27º 40'55.34" | E-80º 02'46.61" |
| 15 | Majhila Village Society-9 | 5.0 | 12500 | N-27º 41'3.14" | E-80º 02'48.44" |
| 16 | Majhila Village Society-10 | 5.0 | 12500 | N-27º 41'4.59" | E-80º 02'48.44" |
| 17 | Majhila Village Society-11 | 5.0 | 12500 | N-27º 40'7.44" | E-80º 02'34.24" |
| 18 | Majhila Village Society-12 | 5.0 | 12500 | N-27º 39'45.80" | E-80º 02'20.28" |
| 19 | Majhila Village Society-13 | 5.0 | 12500 | N-27º 39'53.44" | E-80º 04'22.37" |
| 20 | Madanapur Forest Block | 5.0 | 12500 | N-27º 27'39.00" | E-79º 48'54.00" |
| 21 | Bahpur Sapaha Forest Block | 5.0 | 12500 | N-27º 36'34.00" | E-79º 42'07.00" |
| 22 | Mannangala Forest Block | 5.0 | 12500 | N-27º 34'17.00" | E-79º 41'14.00" |
| 23 | Sandi Shahabad Road Km 19-25 | 6.0 | 9600 | N-27º 30'51.37" | E-79º 58'10.82" |
| 24 | Banjariya Forest Block | 5.0 | 12500 | N-27º 41'34.00" | E-80º 4'7.00" |
| 25 | Karawa Forest Block-5 | 5.0 | 12500 | N-27º 41'27.39" | E-80º 8'37.94" |
| 26 | Karawa Forest Block-6 | 5.0 | 12500 | N-27º 41'29.74" | E-80º 8'53.57" |
| 27 | Karawa Forest Block-7 | 5.0 | 12500 | N-27º 40'38.64" | E-80º 9'12.70" |
| 28 | Karsuagrant Forest Block | 5.0 | 12500 | N-27º 45'50.93" | E-80º 3'32.77" |
| 29 | Karaundi Forest Block | 5.0 | 12500 | N-27º 35'3.99" | E-80º 5'53.60" |
| 30 | Palthua Forest Block-1 | 5.0 | 12500 | N-27º 31'36.00" | E-79º 54'53.00" |
| 31 | Palthua Forest Block-2 | 5.0 | 12500 | N-27º 31'37.00" | E-79º 54'45.00" |
| 32 | Palthua Forest Block-3 | 5.0 | 12500 | N-27º 31'24.00" | E-79º 54'59.00" |
| 33 | Jamura Forest Block | 5.0 | 12500 | N-27º 44'36.43" | E-80º 42'8.44" |
| 34 | Chandupur Khairai Forest Block | 5.0 | 12500 | N-27º 32'40.00" | E-79º 54'44.00" |
| | **Total Social Forest** | **141.0** | **347100** | | |
| | **Total** | **172.5** | **394275** | | |

| | | | | | |
|---|---|---|---|---|---|
| 1 | Bilgram-Kannauj road | 10.0 | 16000 | N-27º.02'.15" | E-80º.0'.45" |
| 2 | Terva Kulli Forest Block | 10.0 | 16000 | N27.01.55 | E79.59.38 |
| 3 | Indalapur Forest Block | 5.0 | 12500 | N27.04.11 | E80.03.47 |
| 4 | Nevada Gambhi Forest Block | 5.0 | 12500 | N27.07.11 | E80.11.0 |
| 5 | Adharra Forest Block-1 | 5.0 | 12500 | N27.12.28 | E80.07.09 |
| 6 | Adharra Forest Block-2 | 5.0 | 12500 | N27.12.34 | E80.07.13 |
| 7 | Adharra Forest Block-3 | 5.0 | 12500 | N27.12.51 | E80.07.17 |
| 8 | Adharra Forest Block-4 | 5.0 | 12500 | N27.12.30 | E80.06.32 |
| 9 | Madara Forest Block | 5.0 | 12500 | N27.17.10 | E80.01.49 |
| 10 | Naurangpur Forest Block-1 | 5.0 | 12500 | N27.07.36 | E80.0.03 |
| 11 | Naurangpur Forest Block-2 | 5.0 | 12500 | N27.07.35 | E80.0.07 |
| 12 | Naurangpur Forest Block-3 | 5.0 | 12500 | N27.07.17 | E80.0.30 |
| 13 | Naurangpur Forest Block-4 | 5.0 | 12500 | N27.07.08 | E80.0.34 |
| 14 | Naurangpur Forest Block-5 | 5.0 | 12500 | N27.07.17 | E80.0.47 |
| 15 | Naurangpur Forest Block-6 | 5.0 | 12500 | N27.07.08 | E80.06.03 |
| 16 | Turtipur Forest Block-1 | 5.0 | 12500 | N27.07.17 | E80.0.47 |
| 17 | Turtipur Forest Block-2 | 5.0 | 12500 | N27.16.02 | E80.6.03 |
| 18 | Bossa Forest Block-1 | 5.0 | 12500 | N27.06.21 | E80.12.42 |
| 19 | Bossa Forest Block-2 | 5.0 | 12500 | N27.06.3 | E80.12.34 |
| 20 | Noorpur Hathaoda Forest Block-1 | 5.0 | 12500 | N27.12.04 | E80.07.48 |
| 21 | Noorpur Hathaoda  Forest Block-2 | 4.0 | 10000 | N27.11.17 | E80.07.49 |
| 22 | Babatmau Forest Block | 10.0 | 16000 | N27.0.44 | E79.0.32 |
| 23 | Panyori Forest Block | 5.0 | 12500 | N27.12.2 | E79.59.46 |
| 24 | Dhinnitusaura Forest Block | 5.0 | 12500 | N27.14.29 | E80.8.41 |
| 25 | Badhanwa Forest Block-1 | 5.0 | 12500 | N27.8.53 | E80.07.21 |
| 26 | Badhanwa Forest Block-2 | 3.0 | 7500 | N27.8.58 | E80.07.49 |
| 27 | Chaharpur Forest Block | 5.0 | 12500 | N27.10.2 | E79.59.12 |
| 28 | Tikri Forest Block | 5.0 | 12500 | N27.14.36 | E80.8.35 |

| | | | | | |
|---|---|---|---|---|---|
| 29 | Roshanpur Forest Block | 5.0 | 12500 | N27.09.02 | E80.3.50 |
| 30 | Shuklapur Bhagat Gram Samaj | 5.0 | 12500 | N27.09.34 | E80.9.32 |
| 31 | Ruia Forest Block | 2.0 | 5000 | N27.08.35 | E80.9.33 |
| | **Total** | **164.0** | **383000** | | |
| 1 | Sanai Forest Block-1 | 5.0 | 12500 | N27.01.16" | E80.30.53" |
| 2 | Sanai Forest Block-2 | 5.0 | 12500 | N-27.01.20" | E-80.30.44" |
| 3 | Sanai Forest Block-3 | 5.0 | 12500 | N-27.01.25" | E-80.31.15" |
| 4 | Sanai Forest Block-4 | 5.0 | 12500 | N-27.01.30" | E-80.31.01" |
| 5 | Padri Forest Block | 5.0 | 12500 | N-27.0.32" | E-80.31.12" |
| 6 | Goswa Dongwa Forest Block-1 | 5.0 | 12500 | N-27.2.05" | E-80.29.05" |
| 7 | Goswa Dongwa Forest Block-2 | 5.0 | 12500 | N-27.2.01" | E-80.29.09" |
| 8 | Sank Forest Block-1 | 5.0 | 12500 | N-27.1.42" | E-80.35.07" |
| 9 | Sank Forest Block-2 | 5.0 | 12500 | N-27.01.30" | E-80.34.36" |
| 10 | Sank Forest Block-3 | 5.0 | 12500 | N-27.01.54" | E-80.34.21" |
| 11 | Mohammadpur Velwaran One Block-1 | 5.0 | 12500 | N-27.06.29" | E-80.34.19" |
| 12 | Mohammadpur Velwaran One Block-2 | 5.0 | 12500 | N-27.06.12" | E-80.34.28" |
| 13 | Atsalia Forest Block | 5.0 | 12500 | N-27.09.20" | E-80.33.44" |
| 14 | Kakrali Forest Block-1 | 5.0 | 12500 | N-27.03.13" | E-80.32.39" |
| 15 | Kakrali Forest Block-2 | 5.0 | 12500 | N-27.03.29" | E-80.32.56" |
| 16 | Kakrali Forest Block-3 | 5.0 | 12500 | N-27.02.47" | E-80.33.56" |
| 17 | Kakrali Forest Block-4 | 4.0 | 10000 | N-27.03.21" | E-80.33.55" |
| 18 | Jamu Forest Block-2 | 5.0 | 12500 | N-27.06.16.13" | E-80.31.16.32" |
| 19 | Usraha Forest Block-2 | 5.0 | 12500 | N-27.06.12.23" | E-80.27.32.13" |
| 20 | Usharha Forest Block-3 | 5.0 | 12500 | N-27.06.27.13" | E-80.27.07.13" |
| 21 | Samodha Forest Block-1 | 5.0 | 12500 | N-27.06.42.11" | E-80.25.58.11" |
| 22 | Samodha Forest Block-2 | 5.0 | 12500 | N-27.06.54.18" | E-80.25.40.13" |
| 23 | Samodha Forest Block-3 | 5.0 | 12500 | N-27.06.58.12" | E-80.25.51.23" |
| 24 | Kherwa Forest Block | 5.0 | 12500 | N-27.07.54.13" | E-80.25.20.25" |

| | | | | | |
|---|---|---|---|---|---|
| 25 | Malhera Forest Block | 5.0 | 12500 | N-27.07.13.02" | E-80.29.29.10" |
| 26 | Chhanoiya Forest Block | 5.0 | 12500 | N-27.08.09.11" | E-80.27.53.15" |
| 27 | Bhitauli Forest Block | 5.0 | 12500 | N-27.06.52.18" | E-80.29.36.13" |
| 28 | Ghuspawa Forest Block-1 | 5.0 | 12500 | N-26.58.27" | E-80.26.30" |
| 29 | Ghuspawa Forest Block-2 | 5.0 | 12500 | N-26.58.42" | E-80.26.20" |
| 30 | Behandar Khurd Forest Block | 5.0 | 12500 | N-27.02.16" | E-80.26.24" |
| 31 | Sharda Canal-Lucknow Branch from Dhikunni to Godwa (right track) | 5.0 | 8000 | N-27.08.45" | E-80.36.01" |
| 32 | Sharda Canal-Sandila Branch from Dhikunni to Godwa (Left Track) | 5.0 | 8000 | N-27.08.43" | E-80.36.0" |
| | **Total Social Forest** | **159.0** | **388500** | | |
| 33 | Jamu Forest Block | 4.0 | 10000 | N-27.06.16" | E-80.31.5" |
| 34 | Usharha Forest Block-1 | 5.0 | 12500 | N-27.07.29" | E-80.25.57" |
| | | **9.0** | **22500** | | |
| | **Total Sandila Range** | **168.0** | **411000** | | |
| 1 | Vari Forest Block-1 | 5.0 | 12500 | N-27.69.30.37" | E-80.14.77.83" |
| 2 | Vari Forest Block-2 | 5.0 | 12500 | N-27.69.14.22" | E-80.15.08.22" |
| 3 | Vari Forest Block-3 | 5.0 | 12500 | N-27.69.36.25" | E-80.15.02.19" |
| 4 | Vari Forest Block-4 | 5.0 | 12500 | N-27.69.74.94" | E-80.15.06.75" |
| 5 | Vari Forest Block-5 | 3.8 | 9500 | N-27.69.40.02" | E-80.14.41.93" |
| 6 | Jabahar Navodaya Vidyalaya Itara | 1.2 | 3000 | N-27.65.39.12" | E-80.16.18.60" |
| 7 | Santarha Forest Block | 5.0 | 12500 | N-27.71.95.19" | E-80.11.69.23" |
| 8 | Sharda Canal Lucknow Branch Km 12-14 | 5.0 | 8000 | N-27.60.74.53" | E-80.22.17.52" |
| 9 | Sharda Canal Lucknow Branch Km 87-93 | 5.0 | 8000 | N-27.61.60.06" | E-80.21.98.42" |

| | | | | | |
|---|---|---|---|---|---|
| 10 | Kachnari Forest Block | 5.0 | 8000 | N-27.52.78.56" | E-80.29.96.51" |
| 11 | Shahpur Binaura Forest Land-1 | 5.0 | 12500 | N-27.55.29.06" | E-80.21.71.54" |
| 12 | Shahpur Binaura Forest Land-2 | 5.0 | 12500 | N-27.55.17.00" | E-80.21.75.85" |
| 13 | Shahpur Binaura Forest Land-3 | 5.0 | 12500 | N-27.55.17.66" | E-80.21.12.19" |
| 14 | Kheria Mansoor Nagar Road Km 0-4 | 5.0 | 8000 | N-27.54.16.60" | E-80.08.60.99" |
| | **Total** | **65.0** | **144500** | | |
| 1 | Arwal Forest Block-1 | 8.0 | 12800 | N-27.11.50" | E-79.46.19" |
| 2 | Arwal Forest Block-2 | 8.0 | 12800 | N-27.11.48" | E-79.46.30" |
| 3 | Arwal Forest Block-3 | 8.0 | 12800 | N-27.11.40" | E-79.46.41" |
| 4 | Arwal Forest Block-4 | 8.0 | 12800 | N-27.11.45" | E-79.46.46" |
| 5 | Arwal Forest Block-5 | 8.0 | 12800 | N-27.11.54" | E-79.46.47" |
| 6 | Waramau Forest Block-1 | 8.0 | 12800 | N-27.13.49" | E-79.42.42" |
| 7 | Waramau Forest Block-2 | 8.0 | 12800 | N-27.13.56" | E-79.42.45" |
| 8 | Waramau Forest Block-3 | 8.0 | 12800 | N-27.13.44" | E-79.42.59" |
| 9 | Gadanpur Forest Block-1 | 10.0 | 16000 | N-27.15.44" | E-79.42.02" |
| 10 | Gadanpur Forest Block-2 | 10.0 | 16000 | N-27.15.21" | E-79.42.20" |
| 11 | Gadanpur Forest Block-3 | 8.0 | 12800 | N-27.15.34" | E-79.42.02" |
| 12 | Gadanpur Forest Block-4 | 8.0 | 12800 | N-27.15.31" | E-79.41.50" |
| 13 | Both tracks between km 11 to 18 of Sandi-Hardoi road | 0.252 | 252 | N-27.18.31" | E-79.52.23" |
| | Total | **100.252** | **160252** | | |
| 1 | Parsani Forest Block-1 | 5.0 | 12500 | N-27.24.58" | E-80.12.30" |
| 2 | Parsani Forest Block-2 | 5.0 | 12500 | N-27.24.48" | E-80.12.33" |
| 3 | Parsani Forest Block-3 | 5.0 | 12500 | N-27.25.04" | E-80.12.11" |
| 4 | Mangolapur Forest Block-1 | 5.0 | 12500 | N-27.20.45" | E-80.12.57" |
| 5 | Mangolapur Forest Block-2 | 5.0 | 12500 | N-27.20.6" | E-80.12.34" |
| 6 | Mangolapur Forest Block-3 | 5.0 | 12500 | N-27.20.49" | E-80.13.1" |
| 7 | Mangolapur Forest Block-4 | 5.0 | 12500 | N-27.20.23" | E-80.13.9" |

| | | | | | |
|---|---|---|---|---|---|
| 8 | Gangoli Forest Block-1 | 5.0 | 12500 | N-27.22.40" | E-79.57.13" |
| 9 | Gangoli Forest Block-2 | 5.0 | 12500 | N-27.23.7" | E-79.58.1" |
| 10 | Gangoli Forest Block-3 | 5.0 | 12500 | N-27.22.59" | E-79.57.53" |
| 11 | Haripur Grant One Block-1 | 5.0 | 12500 | N-27.24.17" | E-80.12.20" |
| 12 | Haripur Grant One Block-2 | 5.0 | 12500 | N-27.24.20" | E-80.12.12" |
| 13 | Patkua Forest Block | 5.0 | 12500 | N-27.29.55.190" | E-80.8.46.222" |
| 14 | little Forest block | 5.0 | 12500 | N-27.29.12.181" | E-80.11.15.65" |
| 15 | Atwa Kataiya Forest Block | 5.0 | 12500 | N-27.40.06.89" | E-80.25.60.03" |
| 16 | Palpur Vairagikheda Forest Block-2 | 5.0 | 12500 | N-27.15.33" | E-80.21.25" |
| 17 | Palpur Vairagikheda Forest Block-2 | 5.0 | 12500 | N-27.15.17" | E-80.21.33" |
| 18 | Ahirori Forest Block-1 | 5.0 | 12500 | N-27.20.33" | E-80.16.15" |
| 19 | Ahirori Forest Block-2 | 5.0 | 12500 | N-27.21.27" | E-80.16.45" |
| 20 | Ahirori Thok Madhav-1 Village Society | 5.0 | 12500 | N-27.16.43" | E-80.18.2" |
| 21 | Ahirori Thok Madhav-2 Village Society | 5.0 | 12500 | N-27.26.43" | E-80.17.51" |
| 22 | Daniyalganj Village Society | 5.0 | 12500 | N-27.28.41.828" | E-80.7.30.352" |
| 23 | Atwa Asigaon Forest Block-1 | 5.0 | 12500 | N-27.29.36.521" | E-80.5.15.083" |
| 24 | Atwa Asigaon Forest Block-2 | 5.0 | 12500 | N-27.29.39.901" | E-80.5.5.30.222" |
| 25 | Mahuipuri Forest Block | 5.0 | 12500 | N-27.20.58" | E-80.12.24" |
| 26 | Neer Forest Block-1 | 5.0 | 12500 | N-27.37.25.53" | E-80.2.3.988" |
| 27 | Bikapur Forest Block | 10.0 | 16000 | N-27.12.37" | E-80.12.52" |
| 28 | Sahora Scape | 10.0 | 16000 | N-27.25.20" | E-80.12.30" |
| 29 | Sekhaura Forest Block | 5.0 | 12500 | N-27.27.46" | E-80.21.2" |
| **Total** | | **155.0** | **369500** | | |
| **Grand Total** | | **989.752** | **2248027** | | |

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

| Area of Mining | FIR / Case Registered/ Year | Vehicles/ Mineral Seized | Action Taken Status | Cases pending in Court | Enforcement of EMGSM 2020 and Sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| Kutwapur Tehsil Bilgram<br>Gata No.97 Rakba -20 He | No FIR has been registered till date | Vehicle are not seized | No action is pending | Case pending in Allahabad bench in Lucknow high court Writ No. 20319/2021 | Samg 2016 and emgsm 2020 are enforced in area of Mining |
| Todora Tehsil Swaijpur<br>Gata no.463, 464, 466<br>Rakba -10.380 He | No FIR has been registered till date | Vehicle are not seized | No action is pending | Case pending in Allahabad bench in Lucknow high court Writ No. 20319/2021 | Samg 2016 and emgsm 2020 are enforced in area of Mining |
| Katri Parsola Chulramau<br>Gata No. 319,357mi, 358, 359mi, 680, 682, 683k, 683kha, 683ga, 684, 688, 689k, 689kha, 690, 691, 692ka, 892kha, 683kha, 693, 649, 700ka, 700kha, 704, Rakba-21.36 He | No FIR has been registered till date | Vehicle are not seized | Reference No. 74/EC/SEAC/ 3996/2018 Date 22/05/2020 EC Revoked | Case pending in Allahabad bench in Lucknow high court Writ No. 20319/2021 | Samg 2016 and emgsm 2020 are enforced in area of Mining |

# Compliance of Hon'ble NGT order
# Dt. 24.01.2024
# In
# O.A 200/2014 MC Mehta Vs UOI and Ors
# District -Hardoi

The Tribunal has already directed for furnishing following information by order dated 24.11.2023: -

## (1) District Ganga Protection Plan at city/ town level

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such Action Plan has to be prepared in accordance with the river Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (para 6 and 55).

**(In District Hardoi Ganga River and its tributaries Ram Ganga, Garra river, Gomti river and Sai river etc. situated.)**

## (2) Contents of the Action Plan (Consolidated District Wise Action Plan including each City and Town abutting river Ganga and its Tributary)

# 2.1 Sewage Management

**(i)** Sewage generation (for entire District and individual town wise):

| S.No. | Name of ULB | Sewage Generation (MLD) |
|---|---|---|
| 1 | Nagar Palika Parishad, Hardoi | 13.13 |
| 2 | Nagar Palika Parishad, Shahabad, Hardoi | 9.50 |
| 3 | Nagar Palika Parishad, Bilgram, Hardoi | 4.32 |
| 4 | Nagar Palika Parishad, Sandi, Hardoi | 3.75 |
| 5 | Nagar Palika Parishad, Sandila, Hardoi | 9.41 |
| 6 | Nagar Palika Parishad, Pihani, Hardoi | 5.02 |
| 7 | Nagar Palika Parishad, Mallawan, Hardoi | 5.35 |
| 8 | Nagar Panchayat, Gopamau, Hardoi | 2.30 |
| 9 | Nagar Panchayat, Kachhauna, Patsaini, Hardoi | 2.32 |
| 10 | Nagar Panchayat, Pali, Hardoi | 2.60 |

| | | |
|---|---|---|
| 11 | Nagar Panchayat, Beniganj, Hardoi | 1.51 |
| 12 | Nagar Panchayat, Kursath, Hardoi | 0.86 |
| 13 | Nagar Panchayat, Madhoganj, Hardoi | 1.68 |
| | | **61.75 MLD** |

**(ii)** Existing Sewage Treatment Capacities: **FSTP of Capacity 32 KLD installed at Nagar Palika Parishad Hardoi.**

**(iii)** Quantity of sewage is being treated (utilization capacity):

**FSTP of Capacity 32 KLD installed at Nagar Palika Parishad Hardoi.**

**(iv)** Performance of STPs particularly for FC: **FSTP of Capacity 32 KLD**

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

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

**There is no sewer line in Hardoi District**

**(vii)** Performance of STPs particularly for FC: **FSTP of Capacity 32 KLD and Operational**

**(viii)** Current Gap in sewage treatment: **No**

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

**(x)** Where untreated sewage (when there is no STP) is discharged (Ganga /Tributaries): **Sai River/Garra River**

## 2.2 Drains joining Ganga and Tributary

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

**(ii)**

| S.No. | Drain | Domestic/Industrial/Mixed | Flow (MLD) | Quality Discharge Parameters |
|---|---|---|---|---|
| 1 | Garai Nala<br>before meeting Garra River at<br>Village Babarpur<br>Sampling Date 06.01.2024 | Domestic | 1.37 | pH - 7.75,<br>BOD – 9.9 mg/l<br>COD - 58.4 mg/l<br>TSS – 102.0 |
| 2 | Sukheta Nala<br>before meeting Garra River at<br>Village Malwa-Akhbelpur<br>Sampling Date 06.01.2024 | Domestic | 4.80 | pH - 7.89,<br>BOD – 3.8 mg/l<br>COD - 14.8 mg/l<br>TSS – 52.0 |

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

**As per the above Table**

**(iv)** Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs. STP is proposed as per details given below:

## 2.3 Septage Management (In case of no STP)

| S.No. | | |
|---|---|---|
| **1** | Status of Septage management (with reference to FSTP/STP): | One FSTP installed at NPP Hardoi Capacity 32 KLD |
| **2** | Management of Grey water and its disposal: | For Irrigation purpose |

Regarding additional information required for STP in Hardoi District.

We would like to apprise you that –

1. One FSTP of Capacity 32 KLD has been installed at NPP Hardoi to take care of entire sewage generated in Hardoi District.
2. In Hardoi District, there are Small Hotels and their sewage water are presently treated through Septic Tank and Soak Pit. Treated sewage water is utilised in gardening / lawn area.
3. In near future, to achieve the vision of Swachh Bharat Mission, following objectives are determined to be achieved in Hardoi District
   a) Sustainable Solid Waste Management
   b) Sustainable Sanitation & Used Water Management

According to the guidelines the details of the components for Used Water Management are as follows:

i) Interception and diversion of drains including last mile connectivity for nearest sewer network.
ii) Construction of STPs / FSTPs for Used Water Treatment.
iii) Desludging equipment for scheduled and need based desludging of all septic tanks.

# Industrial Pollution Control

| S.No. | | |
|---|---|---|
| **1** | Attach the list on no. of industries generating trade effluents, their place of disposal and compliance including CETPs. | Industries list is attached. Industries have installed their individual ETP.<br>**There is no CETP in District Hardoi.** |

| S.No. | Name and Address | Sector | Production Capacity | Status of ETP | Discharge | Discharge Point | Intermediate/ Final Discharge Point | Compliance Status/Action taken in case default |
|---|---|---|---|---|---|---|---|---|
| 1 | Baghauli sugar & Distillery Ltd, (Distillery Unit), Vill-Beekapur, post-Baghauli, Hardoi | Distillery | Rectified sprit/E.N.A.-100 KLD | Installed | 1000 KLD | Treated effluent used for Irrigation/used in distiller unit | On land/used in distillery Unit | Closed |
| 2 | Baghauli sugar & Distillery Ltd, (Sugar Unit), Vill-Beekapur, post-Baghauli, Hardoi | Sugar | Sugar Cane crushing cap - 3500 TCD | Installed | 700 KLD | Treated effluent used for Irrigation/used in distiller unit | On land/used in distillery Unit | Closed |
| 3 | DCM Shri Ram Ltd. (D.S.C.L.) Sugar unit, Hariyanva, Hardoi | Sugar | Sugar and electric co-generation | Installed | 2600 KLD | Treated effluent used for Irrigation/used in Sugar unit | On land/used in Sugar Unit | Date of sample Collection - 15.02.24<br>pH-7.56<br>BOD-26.0 mg/l<br>COD-192 mg/l<br>TSS-22 mg/l<br>Oil & Grease-4.2 mg/l |
| 4 | DCM Shri Ram Ltd. (D.S.C.L.) Sugar unit, Loni Hardoi | Sugar | Sugar and electric co-generation | Installed | 1500 KLD | Zero Liquid Discharge | Zero Liquid Discharge | Date of sample Collection - 26.02.24<br>pH-7.56<br>BOD-26.0 mg/l |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | COD-192 mg/l<br>TSS-22 mg/l<br>Oil & Grease-4.2 mg/l |
| 5 | DCM Shri Ram Ltd. (D.S.C.L.) Sugar unit, Roopapur, Hardoi | Sugar | Sugar | Installed | 1300 KLD | Treated effluent used for Irrigation/used in Sugar unit | On land/used in Sugar Unit | Date of sample Collection 04.03.24<br>pH-7.73<br>BOD-22.6 mg/l<br>COD-174 mg/l<br>TSS-26.0 mg/l<br>Oil & Grease-6.4 mg/l |
| 6 | Saf Yeast Company Pvt. Ltd., Industrial area, Sandila, Hardoi | Distillery/ Backers Yeast | Backers Yeast | Installed | 800 KLD | Zero Liquid Discharge | Zero Liquid Discharge | Zero Liquid Discharge |
| 7 | V.R.S. Foods Ltd, Plot no.- C-5 & C-6, Industrial area, Sandila, Hardoi | Dairy | Skimmed milk Powder, Ghee, Butter, Milk packing | Installed | 350 KLD | Zero Liquid Discharge | Zero Liquid Discharge | Date of sample Collection 09.01.24<br>pH-7.52<br>BOD-26.0 mg/l<br>COD-184.00 mg/l<br>TSS-82.0 mg/l<br>Oil & Grease-7.6 mg/l |
| 8 | Varun Beverages Limited. B-2/1, Industrial Area, Sandila, Hardoi | Food & Beverages | Carbonated soft drinks, packaging drink water etc | Installed | 900 KLD | Zero Liquid Discharge | Zero Liquid Discharge | Date of sample Collection 02.12.23<br>pH-7.93<br>BOD-20.0 mg/l<br>COD-195.56 mg/l<br>TSS-38.0 mg/l<br>Oil & Grease-5.6 mg/l |
| 9 | DCM Shri Ram Ltd. (D.S.C.L.) Distillery Unit, | Distillery | ENA/ RSA/AA/Impure Alcohol | Installed | 1937 KLD | Treated effluent used for Irrigation/used in distiller unit | Zero Liquid Discharge | Zero Liquid Discharge |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Hariyanwa, Hardoi | | Cogeneration | | | | | |
| 10 | India Pesticide Ltd. D-2 to D-4, K-2 to K-11, UPSIDC Ind. Area, Sandila, Hardoi | Pesticide | Pesticide formulation Pesticide Technical (Insecticide, Fungicide, Herbicides, Intermediate | Installed | 250 KLD | Zero Liquid Discharge | Zero Liquid Discharge | Zero Liquid Discharge |
| 11 | SHRI GANG INDUSTRIES AND ALLIED PRODUCTS LIMITED Plot no - B 2/6 B, 2/7, UPSIDC Industrial Area, Sandila Phase IV, Lucknow Hardoi Road, Tehsil Sandila, District Hardoi | Distillery | ENA/RS using Grain as main raw material<br><br>Co-Generation Power | Installed | 55 KLD | Treated effluent used for Irrigation/used in distiller unit | Zero Liquid Discharge | Date of sample Collection 21.09.23 pH-7.99 BOD-24.0 mg/l COD-192.0 mg/l TSS-38 mg/l Oil & Grease-5.8 mg/l |
| 12 | BERGER PAINTS INDIA LIMITED B4 & B5, Sandila Industrial Area, District Hardoi | Manufacturing of paints varnishes, pigments and intermediate (excluding blending/ mixing) | production of Water Base paints, Emulsion Intimated-, Liquid, Solvent Based Paint-Resin, Intimated and Powder Putty, | Installed | 113 KLD | Zero Liquid Discharge | Zero Liquid Discharge | Date of sample Collection 24.11.23 pH-7.40 BOD-24.0 mg/l COD-148.0 mg/l TSS-72 mg/l |
| 13 | Poorvanchal Acid Private Limited, Plot no. E5-E14, Industrial area, Phase-2, Sandila, Hardoi | Chemical | Sulphuric Acid | Installed | 103 KLD | Zero Liquid Discharge | Zero Liquid Discharge | Zero Liquid Discharge |

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## 3.0 Water Quality Status

| S.No. | | |
|---|---|---|
| 1 | Provide water quality status of Ganga and its tributaries in the district and city/ town in terms of its fitness for Bathing water quality that is, FC and FS:<br>**Ther is no Ganaga River** | As below |

| River/ Tributary | DO mg/l | BOD mg/l | TC MPN/100 ml | FC MPN/100 ml |
|---|---|---|---|---|
| Garra River U/s Babarpur<br>Sampling Date 11.03.2024 | 7.6 | 3.1 | 23000 | 14000 |
| Garra River D/s Pali<br>Sampling Date 11.03.2024 | 7.4 | 3.2 | 25000 | 19000 |

## 4.0 Notification of Flood Plain Zones:

- U P State Govt. order dated 17.10.2018 has been issued declaring no development / no construction zone within 100m of the Ganga River on both sides.

- U P Demarcation of Flood Plain Zone – Completed on the right bank of Ganaga River i.e., 844 Nos. of Pillars in District Hardoi.

## 5.0 Issues relating to Environmental Flow:

- Notification issued by Government of India dated 09-Oct-2018 for ecological flow in Ganga River maintained.

## Best Practices

1. Best practices adopted for Prevention and Control of Water Pollution:

    a. For 24X7 Surveillance of continuous operation of Effluent Treatment Plants in major water polluting industries Web Cameras and OCEMS, whose serves are linked to the Central Pollution Control Room and Uttar Pradesh Pollution Control Room.

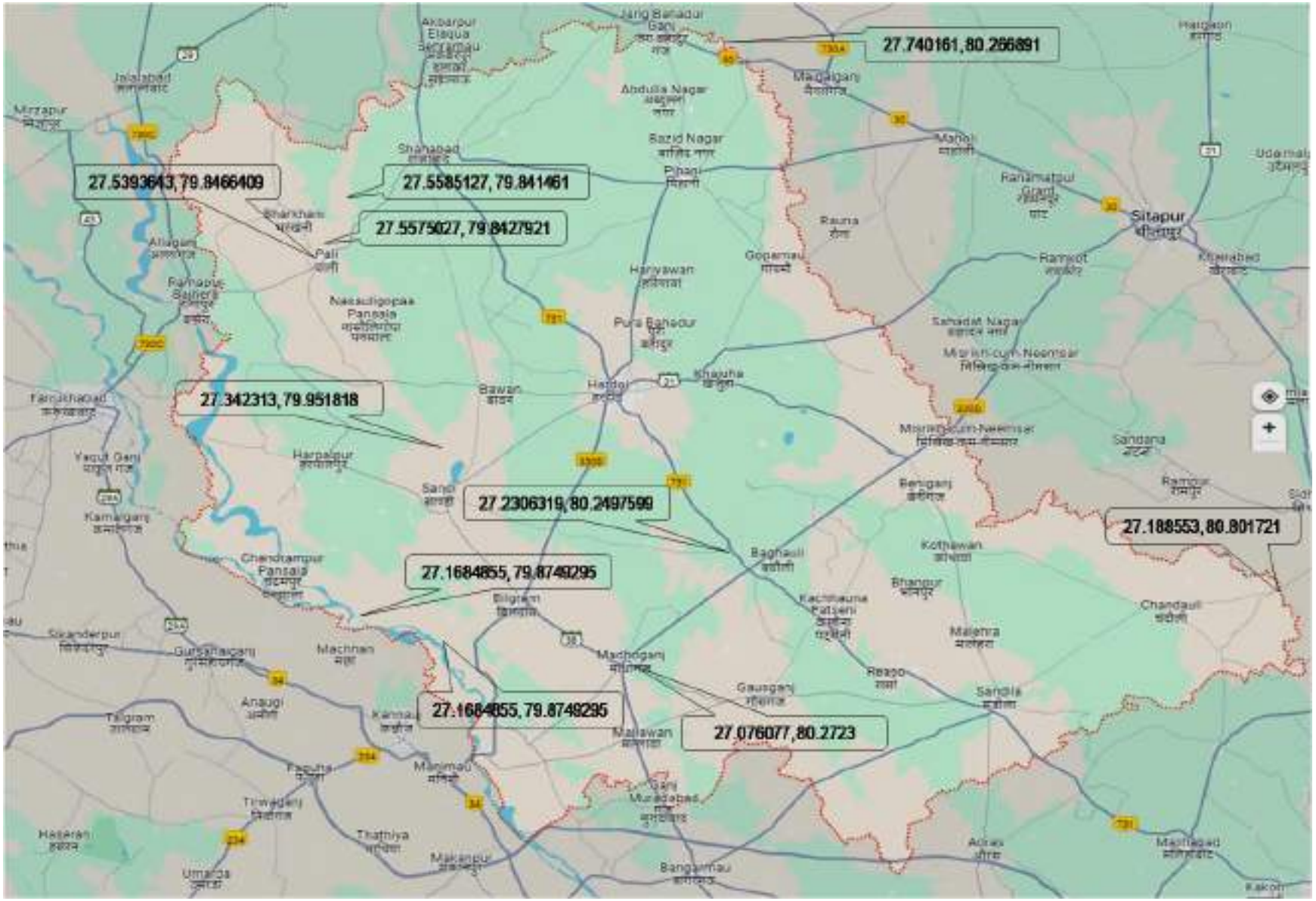
    b. Industries are operating their own ETP & STP to meet the PCB Norms and Complying Zero Liquid Discharge method.

    c. In District Hardoi two Distillery Units are installed. At present 01 Unit is operational and One Unit is not operational. Both Units are in Zero Liquid Discharge based.

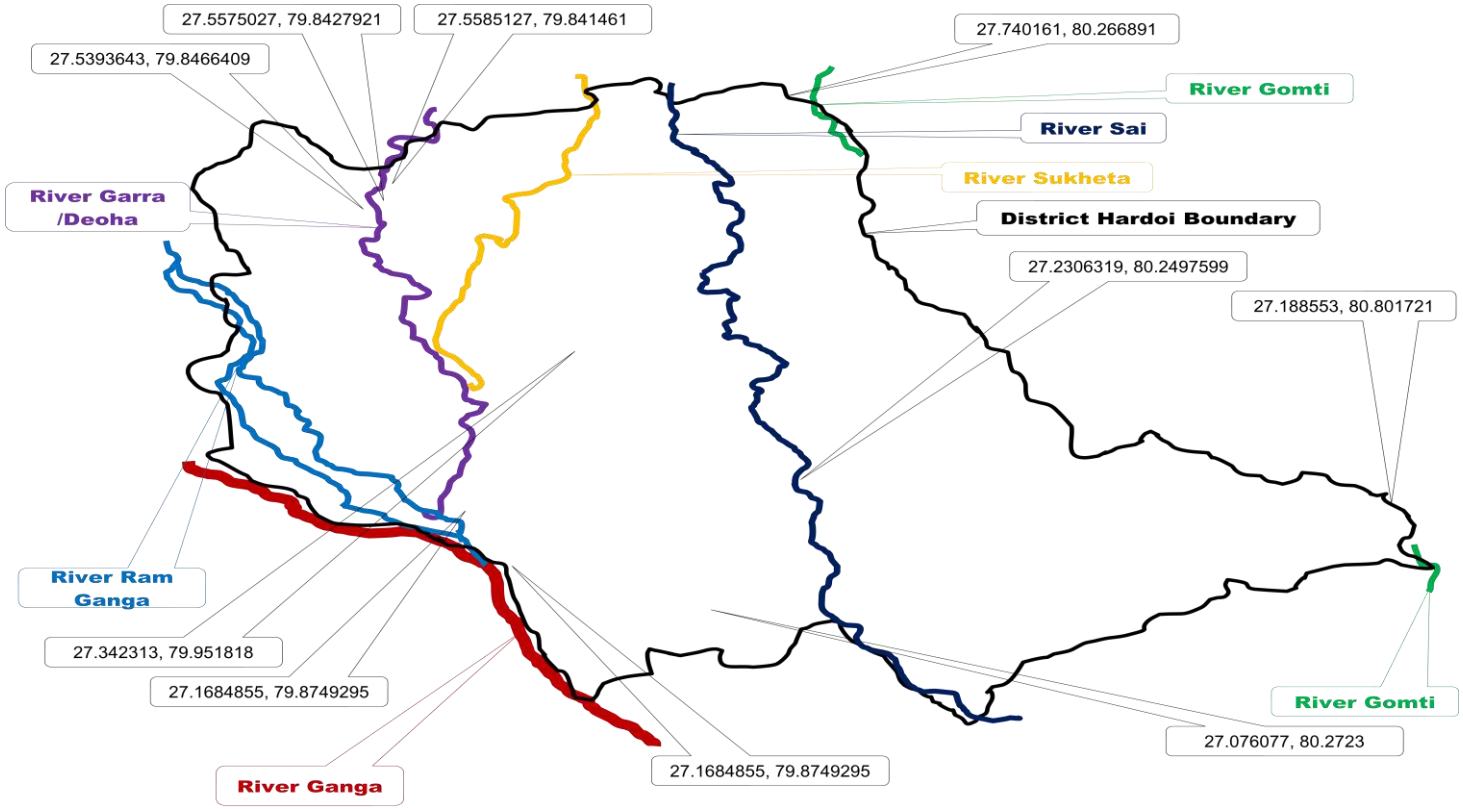
    d. All sugar industries have achieved 100% utilization of treated water in Recycling in process/ For use in Irrigation on agricultural Land,

    e. Miyawaki Afforestation done by the industries to maintain the Ecology and Environment.

## Position marked in the Map



**Regional Office, U.P. Pollution Control Board, Unnao** **DISTT. HARDOI**




**LEGEND**

- River Ganga
- River Ram Ganga
- River Gomti
- River Garra /Deoha
- River Sai
- River Sukheta

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

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

**Report Submitted By:-**

**DISTRICT GANGA COMMITTEE**
**DISTRICT GHAZIPUR.**

**Introduction:-** Ghazipur was covered with dense forest in Vedic era and it was a place for Ashrams of Saints during that period. The word Ghazipur does not figure as such in ancient Indian History, but according to some historians Raja Ghadhi father of Maharsi Jamdagni was from this place. This place is related to the Ramayana period where Maharshi Jamdagni, the Father of Maharshi Parsuram resided over here. The Famous Rishi Gautam & Chyavan were given teaching and sermon here in ancient period. The Lord Buddha who gave the first sermon in Sarnath, Varanasi which is not very far from here. The Aurihar area of Ghazipur district became the main center for teaching of Lord Buddha. Many stoopas and pillars are the main evidence of that period. Chinese TravelerHiuen Tsang had visited this area and described this place as Chanchu "The Land of Battle Fields".

This Place was the main center in medieval period from Sultanate period to Mughals. In Tughalk period, Zuna Khan, alias Muhammad Tuglak established the Jaunpur as the capital under which the Ghazipur was ruled. In the regime of Zuna Khan, the Saiyyad Massod Ghazi established this town, by defeating he Raja Mandhata, the ancestor of King Prithvi Raj Chauhan. In Lodhi Period, the Naseer Khan Nuhani was the Administrator of Ghazipur who changed its conditions. This Area was the main center during Mughal period when Babar took over the charge of Ghazipur and Muhammad Khan Nuhani became its administrator. In the reign of Akbar, the Afghan Ali Kuli Khan took over the charge of Ghazipur and developed the town Zamania. After the Death of Aurangjeb this area was taken by Jamindar Mansa Ram. Thereafter, Ghazipur came under the suzerainty of the Banaras state and Raja Balwant Singh, the Son of Mansa Ram became the King of Ghazipur. After the attack of Warren Hastings, the then Governor General of the British rule, this area was ruled over by various British rulers. The Lord Cornwallis, who was very famous for reforms in land came to visit this place and accidentally died. In his memory a beautiful tomb which attracts the tourist is also present in Ghazipur City.

This Area is Fertile with Great Freedom fighters. The Hero of Ist Freedom movement (which is popularly referred to as Sepoy Movement) Mangal Pandey comes from this soil only. The Famous Nilha Sahib Revolt is Associated with this place where the Farmers revolted against the British & they set on fire various Indigo Godowns. The Ghazipur Plays and has played a major role in India's Freedom Struggle.

In the history of Indian National movement the significant role was played by the people of Ghazipur. In home rule, Rolat Act, Khalafat Movement, Namak Kanoon, Videshi Bastro Ka Bahiskar Satyagrah & movement of 1942 the people of Ghazipur took part courageously & fearlessly to our pride. People namely Dr. Mukhtar Ahmad Ansari, Sahjanand Sarwasti, Dr. Sayad Mahmood Qazi, Nijamul Haq Anasri, Bhagawat Mishra, Gajanan Marwari, Vishwanath Sharma, Hari Prasad Singh, Vaseer, Ram Murat Singh, Ram Raj Singh, Bola Singh, Indradev Tripathi, Dev Karan Singh, Vishwnath Ji, Sideshawar Prasad Singh, Ram Sawaroop Pandey, Saraju Pandey, Dalsingar Dube, Ram Bahadur Shastri & other many others recorded their prideful roles. People of this district played indelible roles in QUIT INDIA MOVEMENT. Under the leadership of Dr. Shiv Pujan Rai a group of freedom fighters hoisted the tri-colour flag at Muhammadabad tehsil. Dr. Shiv Pujan Rai, Vans Narain Rai, Ram Badan Rai, Raj Narain Rai & Vasishth Narain Rai sacrified their lives for country on 18 Aug.1942.

After Independence, Ghazipur could not develop as it used to be in the past. But this soil gave brave soldiers like Brig. Usman, Paramveer Chakra awardee Veer Abdul Hameed, Ram Urgrah Pandey. In recent times Ghazipur showed its notable bravery in Kargil victory against Pakistan in 1999.

## 1. Sewage

| Drain (city/ town) | Generation/ day | PH | BOD | COD | TSS | TDS | Heavy metals (Fe, Cr, PB, Ar, Mn, Cu, Zn, Hg, Fluoride etc) | Nitrates | DO | TC | FC | Outlet flow and geo code/ sample point | Color/ odour | Discharged into |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gorawa Drain | 2.7 | 7.23 | 36 | 176 | 114 | 630 | Cr - ND*<br>Cu - 0.0338<br>Cd - ND<br>Pb - ND<br>Zn - ND | 2.5 | 1.8 | 2100000 | 1700000 | Lat . 25.421526 Long . 83.55216 | 25 | River Ganga |
| Kankarwa Drain | 1.2 | 7.22 | 32 | 164 | 108 | 624 | Cr - ND<br>Cu - 0.0338<br>Cd - ND<br>Pb - ND<br>Zn - ND | 2.3 | 1.4 | 1600000 | 920000 | Lat . 25.417152 Long . 83.552759 | 25 | River Ganga |
| Karpurimai Ghat Drain | 2.9 | 7.21 | 32 | 176 | 110 | 626 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - ND<br>Zn - ND | 2.2 | 1.6 | 940000 | 700000 | Lat . 25.41489 Long . 83.553408 | 25 | River Ganga |
| Harizan Basti | 0.02 | 7.28 | 40 | 204 | 114 | 638 | Cr - ND<br>Cu - 0.0665<br>Cd - ND<br>Pb - ND<br>Zn - 0.0399 | 2.8 | 1.8 | 2500000 | 1300000 | Lat. 25.58687 Long. 83.60308 | 25 | River Ganga |
| Samshan Ghat | 0.103 | 7.32 | 36 | 196 | 116 | 632 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - ND<br>Zn - 0.0061 | 2.6 | 1.9 | 1700000 | 1100000 | Lat. 25.58617 Long. 83.60195 | 25 | River Ganga |
| Rui Mandi | 0.18 | 7.31 | 32 | 192 | 108 | 618 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - ND<br>Zn - 0.0129 | 2.4 | 1.4 | 1300000 | 790000 | Lat. 25.58522 Long. 83.60019 | 25 | River Ganga |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Budhava Mahadeva | 0.49 | 7.24 | 40 | 178 | 126 | 636 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - ND<br>Zn - 0.0095 | 3.1 | 1.3 | 2800000 | 1700000 | Lat. 25.58478 Long. 83.59853 | 25 | River Ganga |
| Mugal Pura | 0.27 | 7.21 | 32 | 172 | 108 | 614 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - 0.0185<br>Zn - 0.0095 | 2.6 | 1.4 | 1100000 | 790000 | Lat. 25.58445 Long. 83.59851 | 25 | River Ganga |
| Posta Ghat | 0.27 | 7.36 | 36 | 184 | 116 | 620 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - ND<br>Zn - 0.0162 | 3.0 | 1.8 | 2100000 | 1700000 | Lat. 25.58418 Long. 83.59771 | 25 | River Ganga |
| Theri Bazar | 0.25 | 7.18 | 32 | 168 | 104 | 598 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - ND<br>Zn - 0.0129 | 2.3 | 1.4 | 1200000 | 940000 | Lat. 25.5828 Long. 83.59492 | 25 | River Ganga |
| Khirki Ghat | 0.25 | 7.31 | 40 | 208 | 114 | 620 | Cr - ND<br>Cu - 0.0665<br>Cd - ND<br>Pb - ND<br>Zn - 0.0332 | 2.9 | 1.3 | 2200000 | 1300000 | Lat. 25.58306 Long. 83.59587 | 25 | River Ganga |
| Anzahi Ghat | 3.91 | 7.33 | 36 | 196 | 114 | 618 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - ND<br>Zn - 0.0129 | 2.7 | 1.5 | 2000000 | 1400000 | Lat. 25.582 Long. 83.59395 | 25 | River Ganga |
| Chetnath Ghat | 0.686 | 7.35 | 40 | 222 | 128 | 626 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - 0.0185<br>Zn - ND | 3.0 | 1.8 | 2100000 | 1100000 | Lat. 25.58093 Long. 83.59148 | 25 | River Ganga |
| Stimer Ghat | 3.241 | 7.26 | 38 | 204 | 120 | 620 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - ND<br>Zn - 0.0162 | 2.8 | 1.4 | 2300000 | 1300000 | Lat. 25.5808 Long. 83.59118 | 25 | River Ganga |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gola Ghat | 0.102 | 7.35 | 36 | 184 | 110 | 612 | Cr - ND<br>Cu - 0.0665<br>Cd - ND<br>Pb - ND<br>Zn - 0.0230 | 2.6 | 1.7 | 1600000 | 920000 | Lat. 25.57999 Long. 83.58888 | 25 | River Ganga |
| Maksud Ghat | 0.018 | 7.27 | 40 | 212 | 122 | 634 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - ND<br>Zn - 0.0196 | 3.2 | 1.1 | 2600000 | 1300000 | Lat. 25.57915 Long. 83.58775 | 25 | River Ganga |
| Collecter Ghat | 3.141 | 7.38 | 34 | 204 | 118 | 616 | Cr - ND<br>Cu - 0.0665<br>Cd - ND<br>Pb - ND<br>Zn - 0.0095 | 2.5 | 1.8 | 2000000 | 1400000 | Lat. 25.5774 Long. 83.58409 | 25 | River Ganga |
| Afim Factory Colony | 0.018 | 7.23 | 38 | 206 | 120 | 592 | Cr - ND<br>Cu - 0.0338<br>Cd - ND<br>Pb - ND<br>Zn - 0.0061 | 2.3 | 1.4 | 2800000 | 1700000 | Lat. 25.56953 Long. 83.56849 | 25 | River Ganga |
| Dadri Ghat | 3.233 | 7.24 | 36 | 184 | 110 | 624 | Cr - ND<br>Cu - 0.0665<br>Cd - ND<br>Pb - ND<br>Zn - 0.0061 | 2.9 | 1.5 | 2400000 | 1400000 | Lat. 25.57432 Long. 83.57738 | 25 | River Ganga |
| Naupura | 0.018 | 7.32 | 32 | 178 | 108 | 598 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - ND<br>Zn - 0.0061 | 2.2 | 2.1 | 1200000 | 940000 | Lat. 25.57149 Long. 83.57162 | 25 | River Ganga |
| Sai Mandir | 3.119 | 7.23 | 36 | 188 | 114 | 614 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - ND<br>Zn - 0.0129 | 2.7 | 1.2 | 1700000 | 1100000 | Lat. 25.57171 Long. 83.57227 | 25 | River Ganga |
| Mahala Basti (Sikandpur) | 0.02 | 7.37 | 36 | 202 | 116 | 608 | Cr - ND<br>Cu - 0.0774<br>Cd - ND<br>Pb - ND<br>Zn - 0.0738 | 2.4 | 1.9 | 1700000 | 1200000 | Lat. 25.56908 Long. 83.56767 | 25 | River Ganga |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D.M Banglo | 3.141 | 7.29 | 38 | 194 | 114 | 615 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - 0.0185<br>Zn - 0.0264 | 2.5 | 1.8 | 1600000 | 920000 | Lat. 25.56766 Long. 83.56629 | 25 | River Ganga |
| Peer Nagar | 0.027 | 7.21 | 32 | 174 | 110 | 590 | Cr - ND<br>Cu - 0.0665<br>Cd - ND<br>Pb - 0.0185<br>Zn - 0.0095 | 2.1 | 1.5 | 1100000 | 790000 | Lat. 25.56636 Long. 83.56378 | 25 | River Ganga |
| Bada Mahadeva (Gora Bazar) | 3.91 | 7.26 | 38 | 206 | 118 | 616 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - ND<br>Zn - 0.0061 | 2.6 | 1.6 | 2800000 | 1700000 | Lat. 25.56342 Long. 83.55931 | 25 | River Ganga |
| Bada Mahadeva (Adarsh Bazar) | 1.27 | 7.38 | 34 | 184 | 106 | 596 | Cr - ND<br>Cu - 0.0774<br>Cd - ND<br>Pb - 0.0185<br>Zn - 0.0129 | 2.4 | 2 | 1200000 | 940000 | Lat. 25.55414 Long. 83.54969 | 25 | River Ganga |
| Kot Ghat | 0.80 | 7.24 | 38 | 196 | 108 | 620 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - ND<br>Zn - ND | 2.8 | 1.8 | 2400000 | 1400000 | Lat. 25.532875 Long. 83.225282 | 25 | River Ganga |
| Budenath Mahadew Ghat Drain | 0.60 | 7.31 | 38 | 188 | 116 | 624 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - ND<br>Zn - ND | 3.1 | 1.3 | 2000000 | 1400000 | Lat. 25.533102 Long. 83.223324 | 25 | River Ganga |
| Pakka Ghat Drain | 1.00 | 7.26 | 42 | 204 | 122 | 630 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - 0.0185<br>Zn - 0.0162 | 3.3 | 1.5 | 2500000 | 1300000 | Lat. 25.533866 Long. 83.220768 | 25 | River Ganga |
| Sangat Ghat Drain | 0.60 | 7.31 | 36 | 190 | 108 | 622 | Cr - ND<br>Cu - 0.0447<br>Cd - ND<br>Pb - ND<br>Zn - ND | 2.9 | 1.9 | 2200000 | 1300000 | Lat. 25.533978 Long. 83.219397 | 25 | River Ganga |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mahaveer Ghat Drain | 0.50 | 7.18 | 42 | 222 | 128 | 636 | Cr - ND<br>Cu - 0.0338<br>Cd - ND<br>Pb - ND<br>Zn - ND | 3.4 | 1.2 | 2800000 | 1700000 | Lat. 25.53431 Long. 83.218385 | 25 | River Ganga |
| Ward No. 15 Malhiya Basti Drain | 0.80 | 7.33 | 34 | 176 | 110 | 625 | Cr - ND<br>Cu - 0.0338<br>Cd - ND<br>Pb - ND<br>Zn - ND | 2.6 | 1.9 | 1700000 | 1100000 | Lat. 25.534673 Long. 83.216833 | 25 | River Ganga |
| Rangmahal Ghat Drain | 0.80 | 7.21 | 38 | 182 | 114 | 632 | Cr - ND<br>Cu - 0.0556<br>Cd - ND<br>Pb - ND<br>Zn - 0.0129 | 3.1 | 1.2 | 2000000 | 1400000 | Lat. 25.535785 Long. 83.212006 | 25 | River Ganga |
| Jauharganj Drain | 0.90 | 7.28 | 42 | 208 | 122 | 638 | Cr - ND<br>Cu - 0.0338<br>Cd - ND<br>Pb - ND<br>Zn - 0.0061 | 3.2 | 1.8 | 1600000 | 920000 | Lat. 25.537021 Long. 83.203243 | 25 | River Ganga |

The above information is to be submitted on the basis of end point sample analysis of the concerned drain

**2. STP for treating the sewage of the drains ultimately flowing to river Ganga or its tributaries**

| Existing STP (location & capacity) | Capacity (operational) | Inlet/Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point | Proposed/under construction STP with completion date |
|---|---|---|---|---|---|---|
| No | 21 MLD STP is under construction in Nagar Palika Parishad, Ghazipur | NA | No Tapped drain in the district | 100% | River | Date of Completion is 10-04-2024. |

**2.1 STP ADDITIONAL INFORMATION**

| NAME OF DRAIN | POSITION OF STP WITH CAPACITY | GEO/ COORDINATES | DISCHARGE QUANTITY FROM THE STP IN THE DRAIN | TOTAL PER DAY DISCHARGE FROM THE DRAIN INTO THE RIVER |
|---|---|---|---|---|
| NA | 21 MLD STP is under construction in Nagar Palika Parishad, Ghazipur | N $25.632675^0$<br>E $83.569229^0$ | As there is no existing STP, There is no discharge quantity. | NA |

| Proposed STP (location & capacity) | Capacity (operational) | Inlet/Outlet water quality & quantity | Number of tapped drains (quantity of discharge) | GAP (in treatment) | Final discharge point Geo code/sampling point | Proposed/under construction STP with completion date |
|---|---|---|---|---|---|---|
| There is no proposed STP in the district might be proposed in future | - | - | - | - | - | - |

**3. Hotels/Ashrams/Dharmshalas/residential complexes abutting river Ganga or its tributaries.**

| Number of Hotels/ashrams/ dharamshalas | Consent to establish/operate | STP | Discharge point | Action taken |
|---|---|---|---|---|
| **11 nos.** | **01** | **00** | **Septic Tank** | **Notice Sent** |
| M/S Hotel Shyam, Lanka, District-Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Hotel Atithi Continental, Sainik Chauraha, Prakash Nagar, District-Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Hotel SM Palace and Moti Mahal Delux Restaurant, Vikas Bhawan Road, Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Atithi Hotel, Near Jail Gate, Lanka, Sakalendabad, Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Madhur Tarang Hotel, Station Road, Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Hotel The Grand Palace, NH-29, Chungi Opposite Hero Agency, Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Nand Residency, NH-29, Near Old RKBK Petrol Pump, Banshi Bazar, Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Hotel Living Legend, Mall Godam Road, Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Hotel Gangotri, Mall Godam Road, Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Hotel Sri Rangtop, Railway Station Road, Infront of Hanuman Temple, Gautam Buddh Colony, Mall Godam Road, Ghazipur. | No | No | Septic Tank | Notice Sent |
| M/s Hotel Shubhra Grand, Shubhra Complex, Mhubag Ghazipur. | No | No | Septic Tank | Notice Sent |

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

| Total Number of Industries | Daily effluent discharge | Treatment available (cetp/petp/etp operational capacity) | Effluent quality analysis (outlet of treatment plants Geo code sampling point) | GAP | Proposed/under construction treatment project (with timeline) | Number of defaulting units Action taken | Industrial solid waste generated/ day | Manner of disposal (industrial solid waste) |
|---|---|---|---|---|---|---|---|---|
| 02 | - | ETP install | - | Nil | No | 00 | NA | NA |
| M/s Lord Distillery Pvt. Ltd., Nandganj Saidpur, Ghazipur | Zero Liquid Discharge | - | Closed | No | NA | NA | NA | NA |
| M/s Government Opium and Alkaloid Works, Ghazipur | Domestic-540 KLD & Industrial 50 KLD | Installed | Achieving (As per Board norms) | No | NA | NA | NA | NA |

**5. Regulation f Flood Plain Zone:**

| Area cities/towns | Notification of flood plain zone | Demarcation | | Encroachment & direct discharge geo code/ sampling point | Encroachment removal status | Timeline for completion |
|---|---|---|---|---|---|---|
| | | No development zone pillars | Regulatory zone pillars | | | |
| Ghazipur | Not yet Notified by Govt. | - | - | - | - | - |

**6. Afforestation/Plantation along the bank of river Ganga and its tributaries and their flood plain zones.**

| Area cities/towns | Total plantation geo code/sampling point | Proposed Project | Time line |
|---|---|---|---|
| Ghazipur | (2023-24) - 488.70 Ha. along with 962063 plants. | Ongoing Project. (2024-25) | First week of July 2024. As per direction of government. |

# Plantation List 2023-24 with Geo Tag Location

| SL. No. | Range | Type of Land | Selected Site | Area in Ha. | No. of Plants | Geo tag location | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | |
| 1 | Saidpur | General | Nizampur to Saidpur Marg | 3.00 | 4800 | N | 25.556713 | E | 83.255873 |
| 2 | Saidpur | General | Jainpur to Vikrampur Marg | 3.00 | 4800 | N | 25.601256 | E | 83.202602 |
| 3 | Saidpur | General | Mudiyar to Dautalpur Marg | 3.00 | 4800 | N | 25.562774 | E | 83.26248 |
| 4 | Saidpur | General | Jauharganj to Dharammarpur Nagar Marg-A | 5.00 | 8000 | N | 25.551464 | E | 83.205608 |
| 5 | Saidpur | General | Jauharganj to Dharammarpur Nagar Marg-B | 5.00 | 8000 | N | 25.259946 | E | 83.209864 |
| 6 | Saidpur | General | Kauda to Bawakhari | 1.00 | 1600 | N | 25.4041 | E | 83.144 |
| 7 | Saidpur | Barren | Mathuchauri Gramsamaj | 3.00 | 7500 | N | 25.618627 | E | 83.160656 |
| 8 | Saidpur | Barren | Ukarav to Mirzapur Marg | 3.00 | 7500 | N | 25.696425 | E | 83.244058 |
| 9 | Saidpur | Barren | Gadanpur to Babatpur Pul Marg | 4.00 | 10000 | N | 25.527227 | E | 83.076623 |
| 10 | Saidpur | Barren | Ichawal to Gadanpur Marg | 4.00 | 10000 | N | 25.539329 | E | 83.134132 |
| 11 | Saidpur | Barren | Badegaw to Mirzapur Marg | 3.00 | 7500 | N | 25.644735 | E | 83.214582 |
| 12 | Saidpur | Barren | Mirzapur to Malaura Marg | 3.00 | 7500 | N | 25.662055 | E | 83.171742 |
| 13 | Saidpur | Barren | Bahadur Mod to Ibrahimpur Marg | 5.00 | 12500 | N | 25"43.195' | E | 83"18.969' |
| 14 | Saidpur | Barren | Bijahari to Dihawa Marg | 4.00 | 10000 | N | 25"42.779 | E | 83"19.091 |
| 15 | Saidpur | Barren | Akabarpur Gram Samaj Bhumi | 3.00 | 7500 | N | 25"42.647' | E | 83"17.327 |
| 16 | Saidpur | Barren | Nadepur Gram Samaj Bhumi | 3.00 | 7500 | N | 25"44.415' | E | 83"14.932' |
| 17 | Saidpur | Barren | Baghaw to Rajpur Marg | 3.00 | 7500 | N | 25"43.536" | E | 83"19.007" |
| 18 | Saidpur | Barren | Salempur to Baghaw Marg | 2.00 | 5000 | N | 25"43.828' | E | 83"17.469' |
| 19 | Saidpur | General | Ishopur to Gopalpur Railway Bhumi | 5.00 | 3125 | N | 25.528808 | E | 83.148567 |
| 20 | Saidpur | General | Bapu Inter Collage, Sadat | 3.00 | 1875 | N | 25.678712 | E | 83.314425 |
| | | | **Total.....** | **68.00** | **137000** | | | | |
| 21 | Zamania | General | Bakasada to Sayar Marg | 5.00 | 8000 | N | 25'25'28.86" | E | 83'45'46.45" |
| 22 | Zamania | General | Ramwal to Dedhgawa Miner | 5.00 | 8000 | N | 25.547751° | E | 83.621149° |
| 23 | Zamania | General | Daudpur to Gehudi Marg | 5.00 | 8000 | N | 25.20.30 | E | 83.35.08 |
| 24 | Zamania | General | Baruin to Tajpur Miner | 5.00 | 8000 | N | 25.334369 | E | 83.550481 |
| 25 | Zamania | General | Baruin to Mahali Miner | 5.00 | 8000 | N | 25.350736 | E | 83.574709 |
| 26 | Zamania | General | Ramwal to Sugwaliya | 5.00 | 8000 | N | 25.546456 | E | 83.625134 |
| 27 | Zamania | General | Taunga to Dedhgawa Marg | 5.00 | 8000 | N | 25.502423 | E | 83.676724 |
| 28 | Zamania | General | Dildarnagar to Dewal Marg | 5.00 | 8000 | N | 25.41824 | E | 83.679866 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 29 | Zamania | General | Utarauli to Udharanpur Marg | 5.00 | 8000 | N | 25.507245 | E | 83.70746 |
| 30 | Zamania | General | Faridpur to Bhadaura Miner | 5.00 | 8000 | N | 25.451713 | E | 83.719975 |
| 31 | Zamania | Barren | Biraupur to Basuka Marg | 5.00 | 12500 | N | 25.515379° | E | 83.743302° |
| 32 | Zamania | Barren | Nayi Bazar Miner | 5.00 | 12500 | N | 25'19.56 | E | 83'32.11 |
| 33 | Zamania | Barren | Purpur to Pachokhar Marg | 5.00 | 12500 | N | 25.2749 | E | 83.3747 |
| 34 | Zamania | Barren | Khajuha to Sugwaliya Marg | 5.00 | 12500 | N | 25.517861 | E | 83.576898 |
| 35 | Zamania | Barren | Ijari to Sabbalpur Marg | 5.00 | 12500 | N | 25.518987 | E | 83.576898 |
| 36 | Zamania | Barren | Matsa to Lahuwar Marg | 2.00 | 5000 | N | 25.478467 | E | 83.57075 |
| 37 | Zamania | General | Tajpur Kurra Gram Samaj Bhumi | 5.00 | 3125 | N | 25.38572 | E | 83.693737 |
| 38 | Zamania | General | Daudpur Gram Samaj Bhumi | 5.00 | 3125 | N | 25.1986744 | E | 83.357774 |
| | | | **Total.....** | **87.00** | **153750** | | | | |
| 39 | Mohammadabad | General | Bachchhalpura to Sherpur Marg | 3.00 | 4800 | N | 25.35'41.632 | E | 83.44'42.586 |
| 40 | Mohammadabad | General | Batha to Surani Marg | 2.00 | 3200 | N | 25.36'30.276 | E | 83.54'46.188 |
| 41 | Mohammadabad | General | Gauspur to Kathaut | 1.00 | 1600 | N | 25.3659.5116' | E | 83.4209.216 |
| 42 | Mohammadabad | General | Raghubarganj Gram to Sarauli | 4.00 | 6400 | N | 25.4206.5916' | E | 83.4052.014' |
| 43 | Mohammadabad | General | Reosada to Savitapur Marg | 3.00 | 4800 | N | 25.37'52.392 | E | 83.51'32.853 |
| 44 | Mohammadabad | General | Kundesar Mod to Sherpur Marg | 4.00 | 6400 | N | 25.4012.1044' | E | 83.3950.2812' |
| 45 | Mohammadabad | General | Dudiya to Mishrawaliya Marg | 2.00 | 3200 | N | 25.40'11.733 | E | 83.53.22.696 |
| 46 | Mohammadabad | General | Mahend to Siyadi Marg | 4.00 | 6400 | N | 25.40'49.972 | E | 83.56'10.129 |
| 47 | Mohammadabad | General | Mata to Kanuwan Marg | 3.00 | 4800 | N | 25.3547.713 | E | 83.34'00.662 |
| 48 | Mohammadabad | General | Siyadi Mod to Siyadi Marg | 1.00 | 1600 | N | 25.38'23.452 | E | 83.55'02.967 |
| 49 | Mohammadabad | General | Godaur to Mahendra Sonwani Marg | 4.00 | 6400 | N | 25.40'47.368 | E | 83.54"37.195 |
| 50 | Mohammadabad | General | Paranpur to Rajauli Marg | 4.00 | 6400 | N | 25.40'45.134 | E | 83.46ə49.227 |
| 51 | Mohammadabad | General | Birpur to Paliya Marg | 3.00 | 4800 | N | 25.31'51.376 | E | 83.52'10.106 |
| 52 | Mohammadabad | General | Sukhadehari to Amarupur | 2.50 | 4000 | N | 25.616353 | E | 83.89447 |
| 53 | Mohammadabad | General | Gathiya to Siridih Marg | 1.00 | 1600 | N | 25.42065916 | E | 83.4052014 |
| 54 | Mohammadabad | General | Macha to Sukhadehari | 3.00 | 4800 | N | 25.58747 | E | 83.893699 |
| 55 | Mohammadabad | General | Sukhdehara to Pandey ka pura | 5.00 | 8000 | N | 25.588396 | E | 83.872097 |
| 56 | Mohammadabad | General | Birbhanpur Pokhara Bhumi | 1.50 | 938 | N | 25.451713 | E | 83.719975 |
| | | | **Total.....** | **51.00** | **80138** | | | | |
| 57 | Jakhaniya | General | Gharpatiya to Karakapur Pokhara | 2.00 | 3200 | N | 25°39'25" | E | 83°31'53" |
| 58 | Jakhaniya | General | Kataghara to Tauwa Marg | 4.00 | 6400 | N | 25.629395 | E | 83.396796 |
| 59 | Jakhaniya | General | Panishka to Sofipur Marg | 2.00 | 3200 | N | 25.7327654 | E | 83.3861677 |
| 60 | Jakhaniya | General | Manjhanpur to Bairak Marg | 3.00 | 4800 | N | 25.7803416 | E | 83.36197324 |
| 61 | Jakhaniya | General | Deva Marg to Sultanpur Miner | 2.00 | 3200 | N | 25.808095 | E | 83.424831 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 62 | Jakhaniya | General | Rasulpur to Parsotiya Marg | 3.00 | 4800 | N | 25.39.329 | E | 83.25.21 |
| 63 | Jakhaniya | General | Sarai Govind to Basila Nahar | 3.00 | 4800 | N | 25.40.495 | E | 83.27.552 |
| 64 | Jakhaniya | General | Jauharpur Gram Samaj Bhumi | 2.00 | 3200 | N | 25.780894 | E | 83.335287 |
| 65 | Jakhaniya | General | Semaur to Kritisinghpur Marg | 2.00 | 3200 | N | 25.736097 | E | 83.40129 |
| 66 | Jakhaniya | General | Alipur Madara Gram Samaj Bhumi | 2.00 | 3200 | N | 25.761523 | E | 83.387541 |
| 67 | Jakhaniya | General | Baharampur to Rampur Patari Nadi Bhumi | 4.00 | 6400 | N | 25.822208 | E | 83.459562 |
| 68 | Jakhaniya | Barren | Maudhiya Gram Samaj Bhumi | 1.00 | 2500 | N | 25.615821 | E | 83.325785 |
| 69 | Jakhaniya | Barren | Mubarakpur to Ghurehara Marg | 3.00 | 7500 | N | 25.679403 | E | 83.491538 |
| 70 | Jakhaniya | Barren | Makhanpur Gram Samaj Bhumi | 3.00 | 7500 | N | 25.8069287 | E | 83.3435675 |
| 71 | Jakhaniya | Barren | Bhudakuda Nahar to Banshi Marg | 3.00 | 7500 | N | 25.7705112 | E | 83.3460509 |
| 72 | Jakhaniya | Barren | Jalalabad to Jahagirpur | 2.00 | 5000 | N | 25.8303963 | E | 83.4378416 |
| 73 | Jakhaniya | Barren | Belahara to Rajapur Sampark Marg | 2.00 | 5000 | N | 25.750145 | E | 83.296159 |
| 74 | Jakhaniya | Barren | Uchauri Puliya to Shadiyabad Marg | 2.00 | 5000 | N | 25.69418 | E | 83.351985 |
| 75 | Jakhaniya | Barren | Sujanipur Gram Samaj Bhumi | 2.00 | 5000 | N | 25.630824 | E | 83.42904 |
| 76 | Jakhaniya | Barren | Gorari Gram Samaj Bhumi | 3.00 | 7500 | N | 25.68472 | E | 83.363372 |
| 77 | Jakhaniya | Barren | Dhamupur Charagah | 5.00 | 12500 | N | 25.759891 | E | 83.422914 |
| 78 | Jakhaniya | Barren | Hardaspurkala Gram Samaj Bhumi | 3.00 | 7500 | N | 25.842846 | E | 83.452357 |
| 79 | Jakhaniya | Barren | Matukpur Gram Samaj Bhumi | 2.00 | 5000 | N | 25.779987 | E | 83.404155 |
| 80 | Jakhaniya | Barren | Rampur Patari Gram Samaj Bhumi | 1.50 | 3750 | N | 25.841028 | E | 83.44755 |
| 81 | Jakhaniya | Barren | Sarai Gokul Gram Samaj Bhumi | 2.00 | 5000 | N | 25.636794° | E | 83.488191° |
| 82 | Jakhaniya | Barren | Jhotana to Mirpur Miner | 2.00 | 5000 | N | 25.7479 | E | 83.30916 |
| 83 | Jakhaniya | Barren | Maudhiya Pokhara Bhumi | 2.00 | 5000 | N | 25.62208 | E | 83.326637 |
| 84 | Jakhaniya | Barren | Ramban to Kudila Marg | 2.00 | 5000 | N | 25.757777 | E | 83.357135 |
| 85 | Jakhaniya | Barren | Barodih to Budanpur Sampark Marg | 4.00 | 10000 | N | 25.789674 | E | 83.339733 |
| 86 | Jakhaniya | Barren | Hamjapur to Baghayi Sampark Marg | 1.50 | 3750 | N | 25.754897 | E | 83.360157 |
| | | | **Total.....** | **75.00** | **161400** | | | | |
| 87 | Mardah | General | Barahi Gulal Sarai Marg | 3.00 | 4800 | N | 25°45'14.676 | E | 83°33'27.444 |
| 88 | Mardah | General | Narangpur to Lawa Marg | 3.00 | 4800 | N | 25°41'58.05 | E | 83°36'42.102 |
| 89 | Mardah | General | Akaitha to Chaurabojh Marg | 2.00 | 3200 | N | 25°42'34.35 | E | 83°36'25.254 |
| 90 | Mardah | General | Singera to Fefara Marg | 2.00 | 3200 | N | 25°48'41.706 | E | 83°37'55.344 |
| 91 | Mardah | General | Sarai Mubarak Indaur Marg | 2.00 | 3200 | N | 25°46'19.998 | E | 83°37'0.402 |
| 92 | Mardah | General | Sarai Mubarak Abhisahan Marg | 2.00 | 3200 | N | 25°45'24.828 | E | 83°37'13.116 |
| 93 | Mardah | General | Sulemapur Bhawanipur Jhagaha Marg | 2.00 | 3200 | N | 25°46'16.206 | E | 83°36'23.376 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 94 | Mardah | General | Senobandh to Chak Kapil Marg | 2.00 | 3200 | N | 25.44.45.084 | E | 83.30.52.644 |
| 95 | Mardah | General | Tiyara to Karshay | 1.50 | 2400 | N | 25.43.3.204 | E | 83.30.0.102 |
| 96 | Mardah | General | Prithvipur Gram Samaj & Talab Bhita | 2.00 | 3200 | N | 25.746243 | E | 83.606841 |
| 97 | Mardah | Barren | Uchaur to Prithvipur Marg | 2.00 | 5000 | N | 25°45'9.696 | E | 83°35'48.894 |
| 98 | Mardah | Barren | Tarauti Rajwaha (Dharmpura to Khajurgaw) | 2.00 | 5000 | N | 25°46'42.504 | E | 83°38'50.276 |
| 99 | Mardah | Barren | Barahi Shakkapur Marg | 2.00 | 5000 | N | 25.4529 | E | 83.3317 |
| 100 | Mardah | Barren | Subhash Inter Collage, Ghariha | 2.00 | 5000 | N | 25°52'4.164 | E | 83°36'42.396 |
| 101 | Mardah | Barren | Purvanchal Expressway (Singera to Belasadi) | 3.00 | 7500 | N | 25.81428 | E | 83.63002 |
| 102 | Mardah | Barren | Belasadi to Asana Marg | 2.00 | 5000 | N | 25°48'41.706 | E | 83°37'55.344 |
| 103 | Mardah | Barren | Virano Rajwaha (Dharmagatpur to Raipur) | 5.00 | 12500 | N | 25.45.35.474 | E | 83.29.18.642 |
| 104 | Mardah | Barren | Kodari Kharat Marg | 2.00 | 5000 | N | 25.47.28.392 | E | 83.29.40.662 |
| 105 | Mardah | Barren | Mardah Rajwaha (Pandeypur to Haidarganj) | 5.00 | 12500 | N | 25.49.24.714 | E | 83.32.35.22 |
| 106 | Mardah | Barren | Panserawa to Nakhatpur Marg | 2.00 | 5000 | N | 25.49.32.748 | E | 83.30.47.616 |
| 107 | Mardah | Barren | Bhojapur to Nakhatpur Miner | 2.00 | 5000 | N | 25.50.1.398 | E | 83.30.42.516 |
| 108 | Mardah | Barren | Ghuraha Bandha Gram Samaj Bhumi | 2.00 | 5000 | N | 25.821104 | E | 83.496832 |
| 109 | Mardah | General | Purvanchal Expressway (Kodayi to Belasadi) | 5.00 | 3125 | N | 25.68472 | E | 83.363372 |
| 110 | Mardah | General | Purvanchal Expressway (Haidarganj to Kodayi) | 5.00 | 3125 | N | 25.711206 | E | 83.791716 |
| 111 | Mardah | General | Purvanchal Expressway (Harikaranpur to Haidarganj) | 5.00 | 3125 | N | 25.768377 | E | 83.742821 |
| 112 | Mardah | General | Purvanchal Expressway (Nakhatpur to Harikaranpur) | 5.00 | 3125 | N | 25.586599 | E | 83.357024 |
| | | | **Total.....** | **72.50** | **124400** | | | | |
| 113 | Barachawar | Barren | Maheshpur to Alawalpur Marg | 4.00 | 10000 | N | 25.721288 | E | 83.651236 |
| 114 | Barachawar | Barren | Nadula to Ranga Marg | 3.00 | 7500 | N | 25.792028 | E | 83.761002 |
| 115 | Barachawar | Barren | Satanpur to Itaura Marg | 4.00 | 10000 | N | 25.891747 | E | 83.649004 |
| 116 | Barachawar | Barren | Nagawa to Katya Marg | 3.00 | 7500 | N | 25.813083 | E | 83.704323 |
| 117 | Barachawar | Barren | Amawa to Salempur Marg | 4.00 | 10000 | N | 25.764539 | E | 83.80445 |
| 118 | Barachawar | Barren | Dihawa to Husenabad Marg | 3.00 | 7500 | N | 25.702318 | E | 83.718786 |
| 119 | Barachawar | Barren | Husenabad to Gaur Tiyara Marg | 3.00 | 7500 | N | 25.717089 | E | 83.737417 |
| 120 | Barachawar | Barren | Gaur Tiyara to Bareji Marg | 3.00 | 7500 | N | 25.711206 | E | 83.791716 |
| 121 | Barachawar | Barren | Gopalpur to Dudhaura Nahar | 4.00 | 10000 | N | 25.847685 | E | 83.626424 |
| 122 | Barachawar | Barren | Kutubpur to Belasadi Marg | 2.00 | 5000 | N | 25.804827 | E | 83.64289 |
| 123 | Barachawar | Barren | Sanahua Dewali to Salamatpur Marg | 3.00 | 7500 | N | 25.850591 | E | 83.649319 |
| 124 | Barachawar | Barren | Ghandhi Memorial School Bhumi | 2.00 | 5000 | N | 25.866142 | E | 83.64419 |
| 125 | Barachawar | Barren | Badaura to Sanehua Marg | 3.00 | 7500 | N | 25.837741 | E | 83.65702 |
| 126 | Barachawar | Barren | Mahdaur to Sidhagarghat Marg | 3.00 | 7500 | N | 25.826472 | E | 83.734673 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 127 | Barachawar | Barren | Kamupur to Dubiha Marg | 3.00 | 7500 | N | 25.719854 | E | 83.838518 |
| 128 | Barachawar | Barren | Pindari to Dhotari Marg | 4.00 | 10000 | N | 25.78522 | E | 83.771367 |
| 129 | Barachawar | Barren | Nasirpur to Badesar Marg | 2.00 | 5000 | N | 25.779485 | E | 83.710287 |
| 130 | Barachawar | Barren | Khanpur to Dahendu Marg | 2.00 | 5000 | N | 25.768377 | E | 83.742821 |
| 131 | Barachawar | Barren | Badesar to Siyabasi Marg | 2.00 | 5000 | N | 25.773134 | E | 83.74585 |
| | | | **Total.....** | **57.00** | **142500** | | | | |
| 132 | Ghazipur | General | Akhtiyarpur to Lava Marg | 2.00 | 3200 | N | 25°40'47" | E | 83°38'30" |
| 133 | Ghazipur | General | Prempura to Bhadev Sampark Marg | 3.00 | 4800 | N | 25°41'54" | E | 83°39'19" |
| 134 | Ghazipur | General | Saraiya Shekhuapur Marg | 2.00 | 3200 | N | 25°39'18" | E | 83°36'7" |
| 135 | Ghazipur | General | Bakuliyapur to Belawa Marg | 3.00 | 4800 | N | 25°36'4" | E | 83°34'5" |
| 136 | Ghazipur | General | Bhatauli to Sakara Marg | 2.00 | 3200 | N | 25.53358' | E | 83.50159' |
| 137 | Ghazipur | General | Belawa to Andhau bypass | 3.00 | 4800 | N | 25.53358' | E | 83.50159' |
| | | | **Total.....** | **15.00** | **24000** | | | | |
| 138 | Nandganj | General | Dharammarpur Ganga Nadi Bandha | 4.00 | 6400 | N | 25°24'45.4" | E | 83°32'41.4" |
| 139 | Nandganj | General | Mahepur Sampark Marg, Pokhara Bhita & Bandha | 4.00 | 6400 | N | 25°31'23.4" | E | 83°29'32" |
| 140 | Nandganj | General | Jewal to Nindopur Marg | 2.00 | 3200 | N | 25.516198 | E | 83.312793 |
| 141 | Nandganj | General | Ghazipur to Chochakpur Marg (Parmeth to Khidirpur) | 5.00 | 8000 | N | 25.526658 | E | 83.485244 |
| 142 | Nandganj | Barren | Siyawa to Bhitari Sampark Marg | 4.00 | 10000 | N | 25°35'26" | E | 83°17'22" |
| 143 | Nandganj | Barren | Bhikkhepur Gram Samaj Bhumi | 4.00 | 10000 | N | 25°37'04" | E | 83°26'17" |
| 144 | Nandganj | Barren | Koryadih Gram Samaj Bhumi | 3.00 | 7500 | N | 25°35'904" | E | 83°22'946" |
| 145 | Nandganj | Barren | Dhawa to Shikarpur Marg | 3.00 | 7500 | N | 25°36'18" | E | 83°27'06" |
| 146 | Nandganj | Barren | Kamalpur Gram Samaj Bhumi | 2.00 | 5000 | N | 25°35'5 | E | 83°20'59 |
| 147 | Nandganj | Barren | Devkali Pump Canal (Sagara to Pachrasi) | 3.00 | 7500 | N | 25.586599 | E | 83.357024 |
| 148 | Nandganj | Barren | Badahara to Davopur Marg | 4.00 | 10000 | N | 25.866142 | E | 83.64419 |
| 149 | Nandganj | Barren | Dihiya Gram Samaj & Miner Bhumi | 3.00 | 7500 | N | 25.68472 | E | 83.363372 |
| 150 | Nandganj | Barren | Pacharasi Miner & Gram Samaj Bhumi | 5.00 | 12500 | N | 25.590208 | E | 83.325461 |
| 151 | Nandganj | Barren | Pacharasi to Badepur Sampark Marg | 2.00 | 5000 | N | 25.566345 | E | 83.316872 |
| 152 | Nandganj | Barren | Madanahi to Parmeth Sampark Marg | 3.00 | 7500 | N | 25.535311 | E | 83.476747 |
| 153 | Nandganj | Barren | Chhapara Varanasi Rail Marg 159/2 to 163/3 Bayi Patari | 4.00 | 10000 | N | 25.530721 | E | 83.283095 |
| 154 | Nandganj | Barren | Turana to Rajupur Marg | 5.20 | 13000 | N | 25.593933 | E | 83.370053 |
| 155 | Nandganj | General | Chhapara Varanasi Rail Marg 158/5 to 160/0 | 3.00 | 1875 | N | 25.615821 | E | 83.325785 |
| | | | **Total.....** | **63.20** | **138875** | | | | |
| | | | **Grand Total.....** | **488.70** | **962063** | | | | |

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

| Area of mining | FIR/case registered /year | Vehicles/ mineral seized | Action taken status | Cases pending in Court | Enforcement of EMGSM 2020 and sustainable sand mining management guidelines 2016 |
|---|---|---|---|---|---|
| 1 | 1 in year 2023-24 | 7859.5 cum | Recovery issued | No any pending case | According to the UP Minor Mineral (Concession) Rule 2021 and UP government order, The District Magistrate has constituted task force at the district level to take necessary action against illegal mining. |

1. The Tribunal has already directed for furnishing following.

**(1) District Ganga Protection Plan at city/town level**

District Ganga Protection Committee (DGPC) is required to formulate the action plan for each city and town located on main stem of river Ganga and its tributary and such action plan has to be prepared in accordance with the river Ganga (Rejuvenation, Protection and Management) Authorities order, 2016 (para 6 and 55).

**(2) Contents of the action plan (Consolidated District Wise Action Plan including each city and town abutting river Ganga and its tributary)**

**2.1 Sewage Management**

**(i) Sewage generation (for entire district and individual town wise):**

| Name of District | Name of ULB | Total Population | Source Segregation (No of Ward) | House Hold | Total Sewage Generation (MLD) | Septic Tank/ Soak Pit |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Ghazipur | Nagar Palika Parishad, Ghazipur | 121658 | 25 | 19070 | 12.50 | 17163 |
| | Nagar Palika Parishad, Mohammadabad | 38328 | 25 | 6740 | 4.00 | 6240 |
| | Nagar Palika Parishad, Zamania | 33243 | 25 | 6035 | 1.80 | 3007 |
| | Nagar Panchayat, Sadat | 12394 | 11 | 2500 | 0.20 | 2300 |
| | Nagar Panchayat, Jangipur | 12223 | 11 | 2248 | 0.50 | 2048 |
| | Nagar Panchayat, Bahadurganj | 19992 | 13 | 2844 | 0.50 | 2449 |
| | Nagar Panchayat, Dildarnagar | 12855 | 8 | 1950 | 0.20 | 1050 |
| | Nagar Panchayat, Saidpur | 24438 | 15 | 5005 | 3.00 | 4750 |

(ii) **Existing sewage treatment capacities.**

STP of treatment capacity 21 MLD is proposed to be constructed at Devkathiya Ghazipur. In other ULBs land identification is under process. After land identification STP will be installed accordingly.

(iii) **Quantity of sewage is being treated (utilization capacity):** 0.00 %

Sewage Treatment after operation of STP Ghazipur.

(iv) **Performance of STPs particularly for FC:** None, Since there is no STP in district Ghazipur.

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

(vi) **Reasons for under utilization of STPs (connectivity of households/laying of sewer lines):** STPs of Ghazipur are under construction for the future utilization.

(vii) **Current Gap in sewage treatment:** 100 %

(viii) **Time bound plan for bridging the gap and tying up with financial arrangements and not delaying tendering and identifying executing agencies or having any other issues.** There is a time bound plan one STP 21 MLD capacity is proposed for treatment of sewage. In other ULBs, land identification is under process.

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

**2.2 Drains joining Ganga and tributary**

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

| Drains | Quality Discharge |
|---|---|
| Gorawa Drain Sampling | BOD- 34<br>COD- 196<br>pH- 7.31<br>TSS- 108 |

| | |
|---|---|
| Kankarwa Drain Sampling | BOD- 38<br>COD- 184<br>pH- 7.26<br>TSS- 112 |
| Karpurimai Ghat Drain Sampling | BOD- 36<br>COD- 172<br>pH- 7.29<br>TSS- 106 |
| Harizan Basti Sampling | BOD- 38<br>COD- 188<br>pH- 7.32<br>TSS- 114 |
| Samshan Ghat Sampling | BOD- 34<br>COD- 176<br>pH- 7.36<br>TSS- 108 |
| Rui Mandi Sampling | BOD- 38<br>COD- 206<br>pH- 7.34<br>TSS- 116 |
| Budhava Mahadeva Sampling | BOD- 40<br>COD- 214<br>pH- 7.28<br>TSS- 118 |
| Mugal Pura Sampling | BOD- 42<br>COD- 220<br>pH- 7.31<br>TSS- 116 |
| Posta Ghat Sampling | BOD- 38<br>COD- 184<br>pH- 7.36<br>TSS- 110 |
| Theri Bazar Sampling | BOD- 36<br>COD- 198<br>pH- 7.34<br>TSS- 112 |

| | |
|---|---|
| Khirki Ghat Sampling | BOD- 38<br>COD- 208<br>pH- 7.35<br>TSS- 110 |
| Anzahi Ghat Sampling | BOD- 40<br>COD- 218<br>pH- 7.33<br>TSS- 116 |
| Chetnat Ghat Sampling | BOD- 36<br>COD- 194<br>pH- 7.39<br>TSS- 108 |
| Stimer Ghat Sampling | BOD- 34<br>COD- 186<br>pH- 7.34<br>TSS- 106 |
| Gola Ghat | BOD- 38<br>COD- 208<br>pH- 7.31<br>TSS- 112 |
| Maksud Ghat Sampling | BOD- 36<br>COD- 192<br>pH- 7.28<br>TSS- 106 |
| Collector Ghat Sampling | BOD- 40<br>COD- 218<br>pH- 7.26<br>TSS- 118 |
| Dadri Ghat Sampling | BOD- 36<br>COD- 186<br>pH- 7.30<br>TSS- 108 |
| Naupura Sampling | BOD- 42<br>COD- 220<br>pH- 7.32<br>TSS- 116 |

| | |
|---|---|
| Sai Mandir Sampling | BOD- 36<br>COD- 192<br>pH- 7.26<br>TSS- 108 |
| Afim Factory Colony Sampling | BOD- 40<br>COD- 202<br>pH- 7.29<br>TSS- 110 |
| Mahala Basti (Sikandpur) Sampling | BOD- 34<br>COD- 188<br>pH- 7.31<br>TSS- 106 |
| D.M Banglo Sampling | BOD- 32<br>COD- 172<br>pH- 7.35<br>TSS- 104 |
| Peer Nagar Sampling | BOD- 36<br>COD- 214<br>pH- 7.29<br>TSS- 112 |
| Bada Mahadeva (Gora Bazar) Sampling | BOD- 38<br>COD- 178<br>pH- 7.33<br>TSS- 108 |
| Bada Mahadeva (Adarsh Bazar) Sampling | BOD- 34<br>COD- 166<br>pH- 7.40<br>TSS- 106 |
| Kot Ghat Sampling | BOD- 38<br>COD- 174<br>pH- 7.33<br>TSS- 104 |
| Budenath Mahadew Ghat Drain Sampling | BOD- 40<br>COD- 192<br>pH- 7.36<br>TSS- 118 |

| | |
|---|---|
| Pakka Ghat Drain Sampling | BOD- 44<br>COD- 204<br>pH- 7.24<br>TSS- 118 |
| Sangat Ghat Drain Sampling | BOD- 42<br>COD- 184<br>pH- 7.29<br>TSS- 114 |
| Mahaveer Ghat Drain Sampling | BOD- 40<br>COD- 166<br>pH- 7.32<br>TSS- 212 |
| Ward No. 15 Malhiya Basti Drain Sampling | BOD- 34<br>COD- 178<br>pH- 7.29<br>TSS- 106 |
| Rangmahal Ghat Drain Sampling | BOD- 46<br>COD- 206<br>pH- 7.27<br>TSS- 116 |
| Jauhargaj Drain Sampling | BOD- 50<br>COD- 214<br>pH- 7.38<br>TSS- 110 |

(ii) **Drains joining outside city and town limits but, either joining in village or nearby town:** None

(iii) **Inclusion of sewage flowing in drains into total sewage generation figures of each city and town and their interception and diversion to STPs:** None

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

(i) **Status of Septage management (with reference to FSTP/STP):** None

(ii) **Management of Grey water and its disposal:** Through septic tank/sock pit.

**2.4 Industrial Pollution Control**

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

| S. No. | Name and Address of Grossly Polluting industries. | Production | Sector | ETP status | Discharge | Intermediate and final discharge point |
|---|---|---|---|---|---|---|
| 1 | M/s Lords Distillery Pvt. Ltd., Ghazipur, Nandganj, Saidpur, Ghazipur | Extra Neutral Alcohol (ENA) | Distillery | - | Presently self closed due to own reason | - |
| 2 | M/s Govt. Opium and Alkaloid Works, Ghazipur | Codeine, Narcotine, Phosphate, Thebaine and IMO Powder 50 ton/annum | Pharmaceutical | Yes | Domestic-540 KLD Industrial- 50 KLD | River Ganga |

**(3) Water quality status-**

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

**TEST REPORT: WATER LABORATORY (SURVACE WATER)**

1- Sample Location: River Ganga at Collector Ghat, Ghazipur.
2- District: Ghazipur
3- Address: Ghazipur
4- Sample Source: River
5- Type of sample: Surface Water
6- Sample Collected by: Gyan Dutta Verma, JRF & Himanshu Srivastav, JRF
7- Odour: None
8- Quantity and packing: 2 Ltr. Plastic Jerrican, MPN and DO Bottle.
9- Date of Sample Collection: 15-03-2024
10- Analysis Indented by: RO Varanasi
11- Date of sample receipt in lab: 15-03-2024

| Parameter | Unit | Results | Detection Range |
|---|---|---|---|
| pH, APHA 24th Ed. 4500-B: 2023 | - | 7.96 | 02-12 |
| Turbidity, APHA 24th Ed 2130B | N.T.U | 10 | 1-500NTU |
| Conductivity, APHA 24th Ed 2510B: 2023 | uS/cm | 480 | 0.1-10000uS/cm |
| Dissolved Solids, APHA 24th Ed. 2540$^0$C Total Dissolved Solids dried at 180$^0$C 2023 | mg/l | 310 | 5.0-10000mg/l |
| Hardness, APHA 24th Ed 2340$^0$C EDTA Titrimetric Method 2023 | mg/l | 168 | 10.0-5000 mg/l |
| Chloride, APHA 24th Ed 4500-Cl-B: 2023 | mg/l | 51.48 | 3.0-500 mg/l |
| Total Coliform, APHA 9221 24th Ed.: 2023 | MPN/100 ml | 3500 | <1.8 MPN/100 ml & above |
| Fecal Coliform, APHA 9221 24th Ed.: 2023 | MPN/100 ml | 2200 | <1.8 MPN/100 ml & above |
| BOD, APHA 24th Ed. 3 day 27$^0$C IS 3025 (Part 44): 1993 Bio 2023 | mg/l | 3.0 | 1.0-1000 mg/l |
| COD, APHA 24th Ed 5220 B Open Reflux Method 2023 | mg/l | 10 | 4.0-1000 mg/l |
| D.O. APHA 24th Ed. 4500-OB Iodometric Method 2023 | mg/l | 7.5 | 0.2-14.0 mg/l |

**Water Quality Criteria**

| Designated-Best-Use | Class of water | Criteria |
|---|---|---|
| Drinking water source without conventional treatment but after disinfection | A | Total Coliforms Organism MPN/100 ml shall be 50 or less pH between 6.5 and 8.5 Dissolved Oxygen 6mg/1 or more Biochemical Oxygen Demand 5 days 20$^0$C 2mg/1 or less |
| Outdoor bathing (Organised) | B | Total Coliforms Organism MPN/100 ml shall be 500 or less pH between 6.5 and 8.5 Dissolved Oxygen 5mg/1 or more Biochemical Oxygen Demand 5 days 20$^0$C 3mg/1 or less |
| Drinking water source after conventional treatment and disinfection | C | Total Coliforms Organism MPN/100 ml shall be 5000 or less pH between 6 and 9 Dissolved Oxygen 4mg/1 or more Biochemical Oxygen Demand 5 days 20$^0$C 3mg/1 or less |
| Propagation of wild life and fisheries | D | pH between 6.5 and 8.5 Dissolved Oxygen 4mg/1 or more free Ammonia (as N) 1.2mg/1 or less |
| Irrigation, Industrial Cooling, Controlled Waste disposal | E | pH between 6.0 to 8.5 Electrical Conductivity at 25$^0$C micro mhos/cm Max. 2250 Sodium absorption Ratio Max. 26 Boron Max. 2mg/1 |

| River/Tributary | Sampling Point | DO | BOD | COD | FS | FC |
|---|---|---|---|---|---|---|
| Ganga | Downstream (Tarighat) | 6.7 | 4.4 | 15.8 | 6300 | 13000 |
| | Upstream (Bhusawal) | 7.5 | 3.3 | 13.6 | 4300 | 9300 |

(4) Notification of **Flood Plain Zones:** Not yet notified by Govt.

(5) Issues relating to **Environmental Flow:**

To monitor the compliance of e-flow notification regular meeting of district Ganga committe and district environment committee is being held. Requirement for the clean Ganga river, the minimum quantity and timing of freshwater flows and levels necessary to sustain aquatic ecosystems which in turn support human, cultures, economies, sustainable livelihoods and well being is required for maintaining Environmental flow.

❖ **Best Practices:**

A. Ganga Swachhata Pakhwada is being organized every year on March 16th to 31st in district which promotes awareness in local people to keep the river clean and not throw the plastic and solid waste in the drains/river/lake/water bodies.

B. District Ganga Committee is constituted in the district to better moderate the activities and issue direction to the masses and the stakeholders involved in the restoration of rivers.

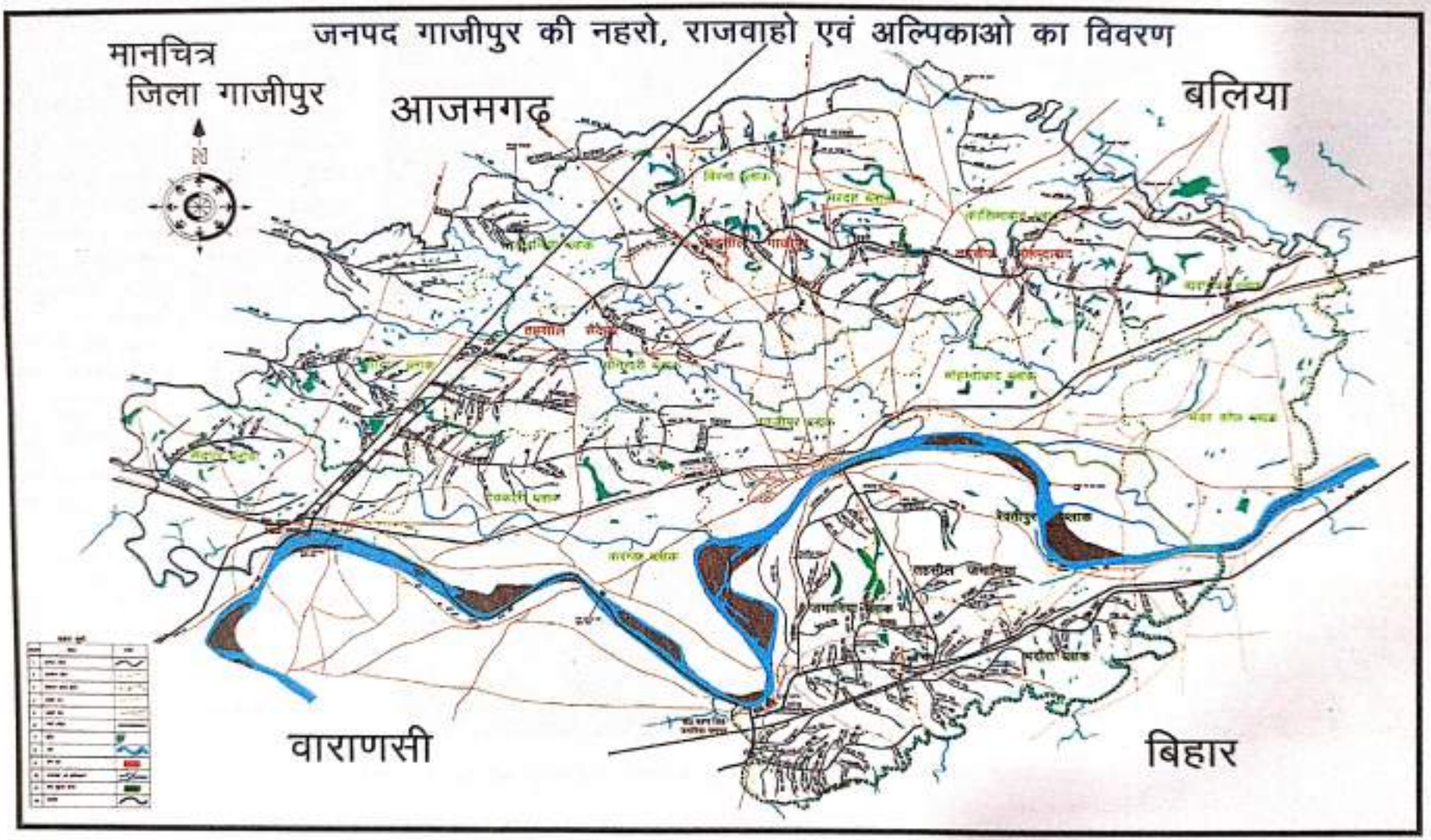
C. Organic farming is being promoted among the farmers by the agriculture departments.

D. Ganga Aartis are also being conducted in Ganga grams and various Ghats during Ganga Aarti masses are sensitized towards keeping Ganga clean and other related important issues.

**(Vivek Yadav)**
**Divisional Director/Member Secretary**
**District Ganga Committee, Ghazipur**

**(Santosh Kumar Vaishya)**
**Chief Development Officer/**
**Nodal Officer,**
**District Ganga Committee, Ghazipur**

**(Aaryaka Akhauri)**
**District Magistrate/Chairman,**
**District Ganga Committee, Ghazipur**


जनपद गाजीपुर की नहरो, राजवाहो एवं अल्पिकाओ का विवरण
मानचित्र
जिला गाजीपुर
आजमगढ़
बलिया
N
वाराणसी
बिहार

| S. N. | Drain Name | Latitude | Longitude |
|---|---|---|---|
| 1 | Harizan Basti Drain | 25.58687 | 83.60308 |
| 2 | Samshan Ghat Drain | 25.58617 | 83.60195 |
| 3 | Rui Mandi Drain | 25.58522 | 83.60019 |
| 4 | Budhava Mahadeva Drain | 25.58478 | 83.59853 |
| 5 | Mugal Pura Drain | 25.58445 | 83.59851 |
| 6 | Posta Ghat Drain | 25.58418 | 83.59771 |
| 7 | Their Bazar Drain | 25.5828 | 83.59492 |
| 8 | Khirki Ghat Drain | 25.58306 | 83.59587 |
| 9 | Aazahi Ghat Drain | 25.582 | 83.59395 |
| 10 | Chetnat Ghat Drain | 25.58093 | 83.59148 |
| 11 | Stimar Ghat Drain | 25.5808 | 83.59118 |
| 12 | Gola Ghat Drain | 25.57999 | 83.58888 |
| 13 | Muksud Ghat Drain | 25.57915 | 83.58775 |
| 14 | Collecter Ghat Drain | 25.5774 | 83.58409 |
| 15 | Afim Factory Colony Drain | 25.56953 | 83.56849 |
| 16 | Dadri Ghat drain | 25.57432 | 83.57738 |
| 17 | Naupura Drain | 25.57149 | 83.57162 |
| 18 | Sai Mandir drain | 25.57171 | 83.57227 |
| 19 | Mahala Basti (Sikanpur) Drain | 25.56908 | 83.56767 |
| 20 | D.M Banglow Drain | 25.56766 | 83.56629 |
| 21 | Pear Nagar Drain | 25.56636 | 83.56378 |
| 22 | Bada Mahadeva (Gora Bazar) Drain | 25.56342 | 83.55931 |
| 23 | Bada Mahadeva (Adarsh Bazar) Drain | 25.55414 | 83.54969 |



Map showing Drains discharge in River Ganga at Ghazipur.

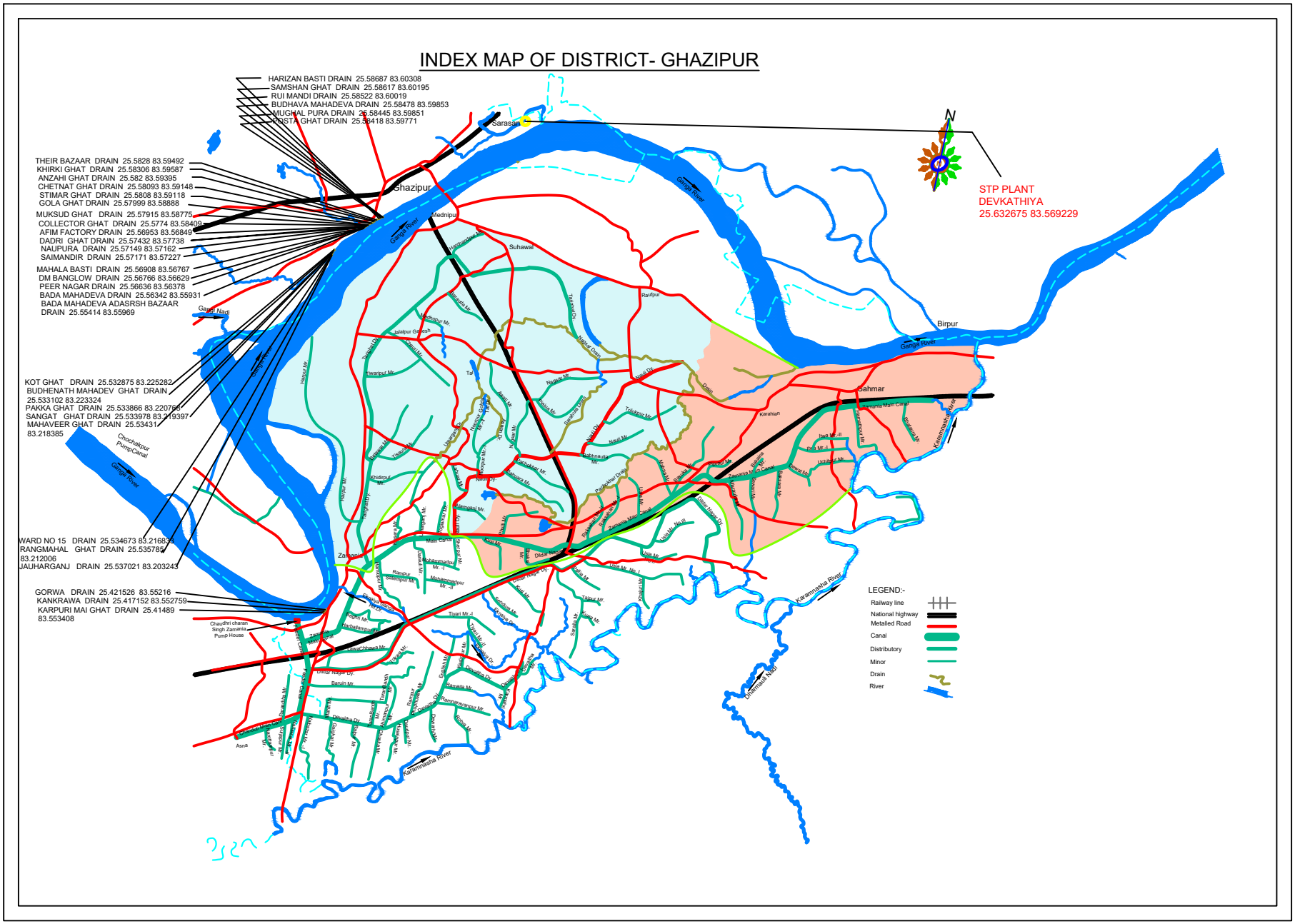
| S. N. | Drain Name | Latitude | Longitude |
|---|---|---|---|
| 1 | Kot Ghat Drain | 25.532875 | 83.225182 |
| 2 | Budenath Mahadew Ghat Drain | 25.533102 | 83.223324 |
| 3 | Pakka Ghat Drain | 25.533566 | 83.220768 |
| 4 | Sangat Ghat Drain | 25.533978 | 83.219397 |
| 5 | Mahaveer Ghat Drain | 25.53431 | 83.218385 |
| 6 | Ward No 15 Malhiya Basti Drain | 25.534673 | 83.216833 |
| 7 | Rangmahal Ghat Drain | 25.535785 | 83.212006 |
| 8 | Jaunharganj Drain | 25.537021 | 83.203243 |




Map showing Drains discharge in River Ganga at Saidpur, Ghazipur.

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