**Madhya Pradesh Pollution Control Board**
Paryawaran Parisar, E-5, Arera Colony, Bhopal-462 016 (M.P.)
Phone : 0755-2466735 (O) Fax: 0755-2463742, EPBX: 0755-2517600, 2466191
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आज़ादी का अमृत महोत्सव

No. 2470 /HOPCB/Tech/2022 Bhopal, Dt: 27 / 5 /2022

To,

**Executive Director (Technical)**
**National Mission for Clean Ganga**
**Ministry of Jal Shakti GOI**
**New Delhi 110002**

**Subject:- Submission of monthly progress report of April, 2022 of polluted river stretches in M.P. for the compliance of Hon'ble NGT order passed on dated 06/12/2019 in OA no. 673/2018.**

Ref. :- Your O.M. no. L-34 / 2014 -15 / legal /2019 (Part)

R/Sir,

With reference to the above subject, please find enclosed here with the monthly progress report of polluted river stretches in M.P. in the revised prescribed format for the month of **April, 2022** in compliance of Hon'ble NGT order dated 06/12/2019 in OA no. 673/2018.

Enclosure: - As above

**(A. A. Mishra)**
**Member Secretary**

For information and necessary action please.

Copy to :-

1. Principal Secretary, Urban development and housing department, Manrtalaya, vallabh Bhawan, Bhopal.
2. Principal Secretary, Environment department, Manrtalaya, vallabh Bhawan, Bhopal.
2. Engineer in Chief, WRD, Narmada Bhawan, Bhopal.
3. Principal Chief, conservator of forest, Satpura Bhawan, Bhopal.
4. Regional Director, CGWD, Paryawas Bhawan, Bhopal
5. Shri A Sudhakar DH,WQM-1 Division. Central Pollution control Board, Delhi for information in reference of letter no. A14011/O.A.673/2020 WQM-112235dt. 04/02/2020.

# National Mission for Clean Ganga

## Format for submission of Monthly Progress Report in the NGT case No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)

## For the State of Madhya Pradesh

**Overall status of the State:**

**I.** Total Population: 72,597,565 (As per census 2011)

Urban Population: 2, 00, 36,928

Rural Population: 5, 25, 60,637

**II.** Estimated Sewage Generation (MLD): 2183.65

**III. Details of Sewage Treatment Plant:**

- Existing no. of STPs and Treatment Capacity: 43 No. & 1128.71 MLD
- Capacity Utilization of existing STPs: 632.20 MLD
- Gap in Treatment Capacity in MLD: 1054.94 MLD
- No. of Operational STPs: 43
- No. of Complying STPs: 43
- No. of Non-complying STPs: Nil

**Details of each existing STP in the State**

| No. | Location | Existing STP Capacity | Capacity Being Utilized | Operational Status of STP | Compliance Status of STP |
|---|---|---|---|---|---|
| | **Enclosed as Annexure -I** | | | | |

**Details of under construction STPs in the State**

| No. | Location | Capacity of the plant in MLD | Physical Progress in % | Status of I & D or House sewer connections | Completion Timeline |
|---|---|---|---|---|---|
| | **Enclosed as Annexure -II** | | | | |

**Details of proposed STPs in the State**

| No. | Location | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/ Under Tendering/ Work to be Awarded) | Likely Date of Completion |
|---|---|---|---|---|
| | **Enclosed as Annexure -III** | | | |

**Details of household service connections in the State**
**Enclosed as Annexure -IV**

## IV. Details of Industrial Pollution

- No. of industries in the State :- 21873
- No. of water polluting industries in the State: 1211
- Quantity of effluent generated from the industries in MLD: 151.5
- Quantity of Hazardous Sludge generated from the Industries:- 2,42,014.39 MT/Y
- Number of industrial units having ETPs: 1211
- Number of industrial units connected to CETP: 245
- Number and total capacity of ETPs : 1211 and approx - 152 MLD
  (Details of existing / under construction / proposed)
- Compliance status of the ETPs: Being complied : 1211
- Number and total capacity of CETPs : 03 and 4.6 MLD
  (Details of existing / under construction / proposed)
- Status of compliance and operation of the CETPs

| Town | No. of Industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|---|---|---|---|---|
| 1 Govindpura Industrial Area, Bhopal | 26 | 0.1 MLD approx. | Running | Existing |
| 2.Sanwer Road, Indore | 168 | 03 MLD approx. | Running | Existing |
| 3. Burhanpur | 51 | 01 MLD approx. | Running | Existing |

## V. Solid Waste Management :

- Total number of Urban Local Bodies and their Population: 378 & 2.2 Crore
- Current Municipal Solid Waste Generation : 7980 TPD
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing e.g.- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi-composting, decentralized pit composting), biomethanation, MRF etc.

| S. No. | Name of the Facility | SWM facilities (Number) | Existing Capacity |
|---|---|---|---|
| 1 | MRFs Waste segregation | 275 | 3136 TPD |

| | | | |
|---|---|---|---|
| | facility | (No. ULBs covered- 256) | |
| 2 | Biodegradable waste (Bio-Methanation & Composting) | Composting- No. ULBs covered- 354<br>Biomethanation- 10 | Composting- 4768 TPD<br>(Bio-Methanation -127.23 TPD) |
| 3 | Non bio- degradable | Recycling- 275 MRFs<br>(No. ULBs covered- 256) | Recycling- 2584 TPD |
| 4 | Recycling, RDF, WTE | RDF- 27<br>Waste to Energy- 1<br>(No. of ULB Covered- 16) | RDF- 1222 TPD<br>WTE-600 TPD (Jabalpur plant functional) Installed Capacity- 11.2 MW ) |

- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%) :- **Annexure - V-(A)**
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction) - **Annexure - V-(A)**
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source. - **Annexure -V-(A)**
- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)- **Annexure-V-(B)**
- **There are 35 ULBs which are yet to setup MSW facilities** -for further details are as **Annexure -V-(B)**
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills. **Pl. refer Ann.-V-(C)**
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers **Pl. refer Ann.-V-(C)**
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers.**Pl. refer Ann.-V-(C)**

## Status of ULB wise Management of Solid Waste

| ULB | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|---|---|---|---|---|---|
| 378 | 7980 | 6431 | Out of 378 ULBs, only 35 ULBs don't have treatment facility. Need to setup. | Details are as per Annexure-**V-(B)** | Details are as per Annexure-**V-(B)** |

### VI. Bio-medical Waste Management:

- Total Bio-medical generation: 20.008 TPD
- No. of Hospitals and Health Care Facilities: 8901
- Status of Treatment Facility/ CBMWTF: 13 CBWTFs operating

### VI. Hazardous Waste Management:

- Total Hazardous Waste generation: 2,07,930.79 MT/Y
- No. of Industries generating Hazardous waste:- 3041
- Treatment Capacity of all TSDFs :- 01 TSDF

  1-Incinerator Capacity: - 1.5-2.5 T/hr.

  2- Incinerator Capacity:-5500000 k. Cal. / kg

  3 - Land fill site:-70,000 MT /A
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated: as per above
- Details of on-going or proposed TSDF: As per **Annexure VI**

### VII. Plastic Waste Management:

- Total Plastic Waste generation: 379.40 TPD
- Treatment/ Measures adopted for reduction or management of plastic waste: Co-processing in Cement plants and utilization in Road Construction.

**VIII.** Details of Alternate Treatment Technology being adopted by the State/UT: **Annexure- VII**

**IX.** Identification of polluting sources including drains contributing river pollution and action as per NGT order on in-situ treatment:

**X.** The In-Situ Bio remediation has been started in two cities Mandideep and Nagda on pilot basis. On successful implementation of in–situ bioremediation in these two towns; it will be replicated to other towns also.

**XI.** Details of Nodal Officer appointed by Chief Secretary in the State/UT: PS ,UADD

**XII.** Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: Latest meeting on dated: 17.07.2020 In O.A. no. 606/2018.

**XIII.** Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river: Latest river water quality is enclosed as **Annexure- VIII**

**XIV.** Ground water regulation: Being done

**XV.** Good irrigation practices being adopted by the State: Yes

**XVI.** Rain Water Harvesting: **Annexure-IX**

**XVII.** Demarcation of Floodplain and removal of illegal encroachments: **Annexure-IX**

**XVIII.** Maintaining minimum e-flow of river: All the river are non perennial hence difficult to maintain minimum flow of rivers.

**XIX.** Plantation activities along the rivers: **Annexure-IX**

Major Plantation details are as follows

- Kshipra River -1.5 lac.
- Khan River - 78,000
- Chamla River - 9,000 in the Bank of River, Badnagar
- Kunda River - 50,000 during 2019-20.
- Tapti River - 9616 during 2019-20

**XX.** Development of biodiversity park: **Annexure - IX**

**XXI.** Reuse of Treated Water: Being done: **Annexure –IX**

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

**XXIII.** Status of Preparation of Action Plan by the 13 Coastal States: No coastal area so, not applicable

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

**XXV.** Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring: Time to time appropriate action taken against violators

**Annexure- I**

# Details of each Operational STPs in the State

| S. No. | Location | Existing STP Capacity (MLD) | Capacity Being Utilized (MLD) | Reuse of Treated Water (MLD) | Operational Status of STP | Remarks | Compliance Status |
|---|---|---|---|---|---|---|---|
| 1 | Bhopal (M Corp.) - Maholi Damkhera (Bhojwet Land) | 35 | 6.00 | 1.44 | Operational | AMRUT | Compliant |
| 2 | Bhopal (M Corp.) - Bawariya Kalan | 13.56 | 10.90 | 2.38 | Operational | Existing | Compliant |
| 3 | Bhopal (M Corp.) - Mata Mandir | 4.5 | 2.50 | 0.50 | Operational(Bio-filter) | Existing | Compliant |
| 4 | Bhopal (BHEL) | 4.5 | 0.44 | 0.09 | Operational | Existing | Compliant |
| 5 | Bhopal (M Corp.) - Badwai | 16.67 | 16.85 | 3.37 | Operational | Existing | Compliant |
| 6 | Bhopal (M Corp.) - Gondarmau | 2.36 | 2.36 | 0.47 | Operational | Existing | Compliant |
| 7 | Bhopal (M Corp.) - Kotra | 10 | 7.90 | 1.58 | Operational | Existing | Compliant |
| 8 | Bhopal (M Corp.) - Ekant Park | 8 | 2.00 | 0.40 | Operational | Existing | Compliant |
| 9 | Burhanpur (M Corp.) | 4.5 | 2.50 | 0.50 | Operational | Existing | Compliant |
| 10 | Indore (M Corp.) - Kabit Khedi | 12 | 9.00 | 1.80 | Operational | Existing | Compliant |
| 11 | Indore (M Corp.) - Kabit Khedi | 245 | 223.00 | 45.00 | Operational | Existing | Compliant |
| 12 | Indore (M Corp.) - Kabit Khedi | 78 | 62.00 | 12.40 | Operational | Existing | Compliant |
| 13 | Dewas (M Corp.) - Balawali | 12 | 1.914 | 0.48 | Operational | Existing | Compliant |
| 14 | Jabalpur (M Corp.) - Kathonda | 50 | 32.09 | 6 | Operational | Existing | Compliant |
| 15 | Jabalpur (M Corp.) - Gwarighat | 0.55 | 0.36 | 0.07 | Operational | Existing | Compliant |
| 16 | Jabalpur (M Corp.) - Gulauatal | 0.5 | 0.35 | 0.07 | Operational | Existing | Compliant |
| 17 | Mandla (M Corp.) - Mandla | 0.5 | 0.40 | 0.08 | Operational | Existing | Compliant |

| S. No. | Location | Existing STP Capacity (MLD) | Capacity Being Utilized (MLD) | Reuse of Treated Water (MLD) | Operational Status of STP | Remarks | Compliance Status |
|---|---|---|---|---|---|---|---|
| 18 | Sehore (M) - Junia Wada | 12 | 3.9 | 0.78 | Operational | AMRUT | Compliant |
| 19 | Singrauli (NTPC) | 28.22 | 9.09 | 1.82 | Operational (NTPC) | Existing | Compliant |
| 20 | Ujjain (M Corp.) | 83 | 40 | 8 | Operational | Existing | Compliant |
| 21 | Indore (M Corp.) - Hukma Khedi (Indore-1) | 7 | 4.26 | 0.85 | Operational | Commissioned after Dec 2020 | Compliant |
| 22 | Indore (M Corp.) - Prateek Setu (Indore-1) | 8 | 7.42 | 1.73 | Operational | Commissioned after Dec 2020 | Compliant |
| 23 | Bhopal (M Corp.) - Shirin River (Kohefiza) (Bhojwetland) | 5 | 4.6 | 0.92 | Operational | Commissioned after Dec 2020 | Compliant |
| 24 | Dewas (M Corp.) - Nanda Nagar, Mendki | 14 | 2.896 | 0.58 | Operational | Commissioned after Dec 2020 | Compliant |
| 25 | Gwalior (M Corp.) - Jalalpur (Lashkar) | 145 | 54 | 54 | Operational | Commissioned after Dec 2020 | Compliant |
| 26 | Burhanpur (M Corp.)-Boharda | 21 | 8.06 | 1.61 | Operational | Commissioned in March 2021 | Compliant |
| 27 | Gwalior (M Corp.)-Laltipara (Morar) | 65 | 28.95 | 6.092 | Operational | Commissioned in March 2021 | Compliant |
| 28 | Indore (M Corp.)-Radhaswami (Indore-1) | 6 | 5.26 | 1.11 | Operational | Commissioned in March 2021 | Compliant |
| 29 | Indore (M Corp.)-Zoo (Indore-1) | 35 | 16.99 | 3.4 | Operational | Commissioned in March2021 | Compliant |
| 30 | Indore (M Corp.)-Naharbhandara (Indore-1) | 11 | 10.14 | 2.03 | Operational | Commissioned in March 2021 | Compliant |
| 31 | Indore (M Corp.)-C.P.Shekhar Nagar (Smart City) | 10 | 6.45 | 2.06 | Operational | Commissioned in March 2021 | Compliant |
| 32 | Gwalior (M Corp.)-Shatabdipuram (Morar) | 8 | 6.09 | 1.226 | Operational (New) | Commissioned in April 2021 | Compliant |
| 33 | Morena (M)-Ward No. 4 Atarsuma Area | 25 | 10 | 2 | Operational (New) | Commissioned in April 2021 | Compliant |

| S. No. | Location | Existing STP Capacity (MLD) | Capacity Being Utilized (MLD) | Reuse of Treated Water (MLD) | Operational Status of STP | Remarks | Compliance Status |
|---|---|---|---|---|---|---|---|
| 34 | Khargone (M)-Ward No.14 | 17.6 | 0.8 | 0.16 | Operational (New) | Commissioned in May 2021 | Compliant |
| 35 | Vidisha (M)-Haripur Peria Nalla | 22.25 | 8.584 | 1.772 | Operational (New) | Commissioned in May 2021 | Compliant |
| 36 | Bhopal (Char Imli, Shahpura) | 4.5 | 1.91 | 0.398 | Operational (New) | Commissioned in Aug 2021 | Compliant |
| 37 | Bhopal (Neelbad, Shahpura) | 6 | 2.23 | 0.452 | Operational (New) | Commissioned in Aug 2021 | Compliant |
| 38 | Bhopal (Sankhedi, Kolar) | 32 | 7 | 0.492 | Operational (New) | Commissioned in Aug 2021 | Compliant |
| 39 | Dewas (Saroday Nagar) | 22 | 3.891 | 0.78 | Operational (New) | Commissioned in Sep 2021 | Compliant |
| 40 | Ratlam ( Khetalpur) | 16 | 3.5 | 0.7 | Operational (New) | Commissioned in Oct 2021 | Compliant |
| 41 | Ratlam (Trenching Ground) | 21.5 | 4.4 | 0.88 | Operational (New) | Commissioned in Oct 2021 | Compliant |
| 42 | Gwalior (Lashkar) | 4.0 | 0.018 | 0.0066 | Operational (New) | Commissioned in Nov 2021 | Compliant |
| 43 | Dharampuri (Dhar) | 2.0 | 1.2 | 0.24 | Operational (New) | Commissioned in April 2022 | Compliant |
| | **Total** | **1128.71** | **632.20** | **171.14** | | | |

Note:- As per the informatiopn subitted by UADD, MP, 2 no. of STPs are declared as Non Functional.

| | | | | |
|---|---|---|---|---|
| 1 | Bhopal (BHEL) | 2.5 | Oxydation Pond | **Detailed information is as per Annexure-X** |
| 2 | Vidisha | 7.2 | Karnal Technology | |

**Annexure- II**

| Details of under construction/Under Trial Run STPs in the state | | | | | | |
|---|---|---|---|---|---|---|
| **S. No.** | **Name of ULBs** | **Location** | **Capacity of the Plant in MLD** | **Physical Progress in %** | **Status** | **Completion Timeline** |
| 1 | Neemuch | Near Bus Stand | 7 | 100 | Under Trial | May-22 |
| 2 | Neemuch | Near Ravanrundi | 9.5 | 100 | Under Trial | May-22 |
| 3 | Bhind | Zone Five | 12 | 100 | Under Trial | May-22 |
| 4 | Jabalpur | Zone Two Khatonda | 32 | 100 | Under Trial | May-22 |
| 5 | Datia | Ward Fourteen Near Sewda | 12 | 100 | Under Trial | May-22 |
| 6 | Budhni | Vill-Mana | 2.2 | 100 | Under Trial | May-22 |
| 7 | Budhni | Near PWD Office | 1.08 | 100 | Under Trial | May-22 |
| 8 | Bhopal (Shahpura) | Behind Bansal Hospital | 9.5 | 99 | Work in progress | Jul-22 |
| 9 | Bhopal (Bhojwetland) | Proffesor's Colony | 2 | 89 | Work in progress | Jun-22 |
| 10 | Bhopal (Kolar) | Makshi | 20.5 | 98 | Work in progress | Jul-22 |
| 11 | Bhopal (Shahpura) | Jamoniyachhir | 3.5 | 98 | Work in progress | Aug-22 |
| 12 | Guna | P H E Guest House | 7.6 | 46 | Inadequate manpower deployed by Contractor | Dec-22 |
| 13 | Guna | Saket Pura | 14.65 | 57 | | Dec-22 |
| 14 | Jabalpur | Zone Five Tevar | 29 | 96 | Work in progress | Dec-22 |
| 15 | Jabalpur | Zone three and four at Lalpur | 34 | 44 | Work in progress | Mar-23 |
| 16 | Murwara (Katni) | Madhav Nagar | 7.5 | 18 | Work Terminated. | Mar-24 |
| 17 | Murwara (Katni) | Katyaghat | 6 | 8 | Work Terminated. | Mar-24 |
| 18 | Murwara (Katni) | Kuthla Bus Stand | 11 | 8 | Work Terminated. | Mar-24 |

| S. No. | Name of ULBs | Location | Capacity of the Plant in MLD | Physical Progress in % | Status | Completion Timeline |
|---|---|---|---|---|---|---|
| 19 | Rewa | Khairana Basti Near Nallah | 1 | - | Contract terminated, Bid for balance work invited | Mar-24 |
| 20 | Rewa | Vakiya Colony Near Nallah Puliya | 1 | - | | Mar-24 |
| 21 | Rewa | Harijan Colony Sirmour Road | 1 | - | | Mar-24 |
| 22 | Rewa | Vivekanand Nagar Nallah | 6.5 | 15 | | Mar-24 |
| 23 | Rewa | Bichiya Laxman Bagh Road | 6.5 | 15 | | Mar-24 |
| 24 | Rewa | Vibhisha Nagar | 3 | - | | Mar-24 |
| 25 | Rewa | Laxman Bagh Road | 6 | - | | Mar-24 |
| 26 | Sagar | Patharia Hat | 43 | 99 | House Service Connections balance. | Sep-22 |
| 27 | Satna | Zone One Dhawari | 15 | 15 | Financial Bid Evaluation under process | Mar-24 |
| 28 | Satna | Zone Two Nazirabad Mela Mod | 16 | - | Drawing approval under process | Mar-24 |
| 29 | Satna | Zone Three Kripalpur | 11 | 13 | | Mar-24 |
| 30 | Singrauli | Ward forty three Near Nirvah Colony | 11 | 51 | Bids invited for balance work. | Mar-24 |
| 31 | Singrauli | Ward Twenty Nine Near Devera Village | 10 | 10 | | Mar-24 |
| 32 | Singrauli | Ward Thirty Two Navjivan Vihar Colony | 10 | 19 | | Mar-24 |
| 33 | Ujjain | Salasa Village | 92.5 | 92 | Work in progress | Sep-22 |
| 34 | Chhindwara | Ward No.35 | 28 | 72 | Work in progress | Jun-22 |
| 35 | Maheshwar | Maheshwar | 4.91 | 37 | Work in progress | Sep-22 |
| 36 | Shajapur | Ward No.8 | 10.9 | 57 | Work in progress | Jun-22 |
| 37 | Shajapur | Ward No.3 | 0.35 | 57 | Work in progress | Sep-22 |

| S. No. | Name of ULBs | Location | Capacity of the Plant in MLD | Physical Progress in % | Status | Completion Timeline |
|---|---|---|---|---|---|---|
| 38 | Bhedaghat | Bhedaghat | 0.43 | 35 | Work in progress | Sep-22 |
| 39 | Bhedaghat | Bhedaghat | 0.12 | 35 | Work in progress | Sep-22 |
| 40 | Bhedaghat | Bhedaghat | 0.22 | 35 | Work in progress | Sep-22 |
| 41 | Bhedaghat | Bhedaghat | 0.06 | 35 | Work in progress | Sep-22 |
| 42 | Bhedaghat | Bhedaghat | 0.06 | 35 | Work in progress | Sep-22 |
| 43 | Nasrullaganj | Ward No.6 | 4.2 | 51 | Work in progress | Sep-22 |
| 44 | Amarkantak | Amarkantak | 1.2 | 72 | Contract Terminated. | Dec-22 |
| 45 | Mandleshwar | Mandleshwar | 3 | 38 | Work in progress | Sep-22 |
| 46 | Nemawar | Village Nemawar | 1 | 61 | Work in progress | Dec-22 |
| 47 | Chitrakoot | Village Manjhgawa | 4.7 | 37 | Contract Terminated. | Jun-22 |
| 48 | Dindori | Vill-Sukharmaal | 3.85 | - | Contract Terminated. Bids for balance work invited. | Dec-23 |
| 49 | Omkareshwar | Near Vridhashram | 0.55 | 85 | Work in progress | Sep-22 |
| 50 | Omkareshwar | On Tempraroy Trenching Ground, Village M | 0.45 | 85 | Work in progress | Sep-22 |
| 51 | Hoshgabad | Kishanpur, Rashulia | 21 | 20 | Work in progress | Dec-22 |
| 52 | Mandla | Ward No. 23, | 7.75 | 18 | Work in progress | Dec-22 |
| 53 | Mandla | Village Gaunjhi | 1.75 | 18 | Work in progress | Dec-22 |
| 54 | Narsingpur | Dedwara Region, Near WTP | 7.75 | 28 | Work in progress | Dec-22 |
| 55 | Narsingpur | Naktua Region, Near Jail | 1.25 | 28 | Work in progress | Dec-22 |
| 56 | Badwani | Bheelkhera | 9 | 38 | Work in progress | Dec-22 |
| 57 | Sendhwa | Village Semalia | 8.5 | 38 | Work in progress | Dec-22 |
| 58 | Barwaha | Near Trenching Ground, Ward no. 2, Barwaha | 3.75 | 27 | Work in progress | Sep-22 |

| S. No. | Name of ULBs | Location | Capacity of the Plant in MLD | Physical Progress in % | Status | Completion Timeline |
|---|---|---|---|---|---|---|
| 59 | Anjad | Gram Panchayat Palasia, Anjad | 3.66 | 66 | Work in progress | Sep-22 |
| 60 | Saikheda | Ward no. 14, near Girl's Hostel, Saikheda, | 2.6 | 66 | Work in progress | Sep-22 |
| 61 | Sanavad | Sanavad | 5.58 | 3 | Work in progress | Aug-23 |
| 62 | Shivpuri | Ghasari | 20 | 98 | Work in progress | Jun-22 |
| 63 | Shahdol | Near murna nalla | 17 | 3 | Work in progress | Dec-23 |
| Total Capacity (MLD) | | | **628.12** | | | |

**Note:- In the Monthly Progress Report of February 2022, the details of STP- 3.5 MLD, Yaadgar-E-Shahjani Park, Bh7pal were given at point no. 6. As per the information submitted by UADD, This project has been descoped. The reason for the same is given by the PDMC-II, AMRUT, WAPCOS Limited, Bhopal (M.P.)(Annexure- XI)**

**Annexure- III**

| Details of Proposed STPs in the State | | | |
|---|---|---|---|
| **S. No.** | **Name of ULBs** | **Capacity of the Plant in MLD** | **Status** |
| 1 | Khajuraho | 4.45 | Under tendering process |
| 2 | Rajnagar | 2.45 | Under tendering process |
| 3 | Maihar | 14.45 | Under tendering process |
| 4 | Sanchi | 1.9 | Under tendering process |
| 5 | Dhamnod | 6.8 | Under DPR approval |
| 6 | Nagda(Scheme II) | - | DPR Stage |
| **Total Capacity (MLD)** | | **30.05** | |

**Annexure- IV**

# Details of Household Service Connections in the state

| S. No. | Name of City | Total number of Households (Census 2011) | Number of Households covered at the start of Mission (2015-2016) | GAP | Number of Household Connection Proposed Under Amrut Mission | Total Connections Done Through Amrut | No. of New Connections in April 2022 | Total Connections Done Through Convergence | Total no. of Connection Done Through AMRUT & Convergence | Total Connections Done |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Jabalpur | 208978 | 0 | 208978 | 146900 | 15000 | - | 5913 | 20913 | 20913 |
| 2 | Gwalior | 233430 | 131458 | 101972 | 38414 | 38977 | - | 0 | 38977 | 170435 |
| 3 | Morena | 47832 | 0 | 47832 | 26585 | 22000 | 820 | 0 | 22000 | 22000 |
| 4 | Satna | 55200 | 0 | 55200 | 50000 | 0 | - | 0 | 0 | 0 |
| 5 | Sagar | 51300 | 0 | 51300 | 60173 | 0 | - | 0 | 0 | 0 |
| 6 | Rewa | 56000 | 3000 | 53000 | 42933 | 798 | - | 0 | 798 | 3798 |
| 7 | Katni | 45953 | 9000 | 36953 | 29000 | 0 | - | 0 | 0 | 9000 |
| 8 | Singrauli | 44682 | 8404 | 36278 | 35000 | 0 | - | 0 | 0 | 8404 |
| 9 | Chhindwara | 43740 | 0 | 43740 | 0 | 0 | - | 0 | 0 | 0 |
| 10 | Bhind | 37161 | 0 | 37161 | 13585 | 9340 | 116 | 0 | 9340 | 9340 |
| 11 | Guna | 37000 | 0 | 37000 | 26000 | 1899 | - | 0 | 1899 | 1899 |
| 12 | Shivpuri | 36438 | 0 | 36438 | 0 | 0 | - | 0 | 0 | 0 |
| 13 | Chhatarpur | 35000 | 0 | 35000 | 0 | 0 | - | 0 | 0 | 0 |
| 14 | Damoh | 24700 | 0 | 24700 | 0 | 0 | - | 0 | 0 | 0 |

| S. No. | Name of City | Total number of Households (Census 2011) | Number of Households covered at the start of Mission (2015-2016) | GAP | Number of Household Connection Proposed Under Amrut Mission | Total Connections Done Through Amrut | Total Connections Done Through Convergence | Total Connections Done Through Convergence | Total no. of Connection Done Through AMRUT & Convergence | Total Connections Done |
|---|---|---|---|---|---|---|---|---|---|---|
| 15 | Seoni | 22080 | 0 | 22080 | 0 | 0 | - | 0 | 0 | 0 |
| 16 | Datia | 19254 | 0 | 19254 | 13349 | 1529 | 111 | 0 | 1529 | 1529 |
| 17 | Dabra | 23268 | 0 | 23268 | 0 | 0 | - | 0 | 0 | 0 |
| 18 | Betul | 23401 | 0 | 23401 | 0 | 0 | - | 0 | 0 | 0 |
| 19 | Bhopal | 455767 | 91717 | 364050 | 151316 | 20163 | 2640 | 30000 | 50163 | 141880 |
| 20 | Burhanpur | 38470 | 1593 | 36877 | 26701 | 23520 | - | 1500 | 25020 | 26613 |
| 21 | Dewas | 57982 | 7500 | 50482 | 0 | 0 | - | 21000 | 21000 | 28500 |
| 22 | Hoshangabad | 24608 | 1100 | 23508 | 0 | 0 | - | 0 | 0 | 1100 |
| 23 | Indore | 426903 | 263812 | 163091 | 5000 | 5000 | 3200 | 0 | 5000 | 268812 |
| 24 | Khandwa | 30830 | 0 | 30830 | 0 | 0 | - | 0 | 0 | 0 |
| 25 | Khargone | 22150 | 300 | 21850 | 11349 | 8300 | - | 0 | 8300 | 8600 |
| 26 | Mandsaur | 33220 | 4840 | 28380 | 0 | 0 | - | 0 | 0 | 4840 |
| 27 | Nagda | 14129 | 0 | 14129 | 0 | 0 | - | 0 | 0 | 0 |
| 28 | Neemuch | 19422 | 500 | 18922 | 16222 | 16222 | - | 1100 | 17322 | 17822 |
| 29 | Omkareshwar | 2236 | 0 | 2236 | 0 | 0 | - | 0 | 0 | 0 |
| 30 | Pithampur | 34936 | 6455 | 28481 | 0 | 0 | - | 0 | 0 | 6455 |
| 31 | Ratlam | 45503 | 1000 | 44503 | 43273 | 27035 | - | 3000 | 30035 | 31035 |
| 32 | Sehore | 20000 | 500 | 19500 | 14200 | 14200 | - | 0 | 14200 | 14700 |
| 33 | Ujjain | 102000 | 0 | 102000 | 80320 | 0 | - | 0 | 0 | 0 |
| 34 | Vidisha | 25500 | 700 | 24800 | 26000 | 18139 | 7 | 250 | 18389 | 19089 |
| Total | | **2399073** | **531879** | **1867194** | **856320** | **222122** | **6894** | **62763** | **284885** | **816764** |

# Annexure- V-A

- **Action plan to bridge gap between installed capaicty and Current Utilization of processsing facilities (if Gap > 20%)**

| | |
|---|---|
| Quantity of MSW generated (TPD) | 7,980 |
| Quantity of MSW processed (TPD) | 6,431 |
| Quantity of MSW disposed in secured land fill site (TPD) | 762 |

We are processing more than 90% of the waste generaed currently.

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

| **Head** | **No. of plants** | **Name of ULB** | **Plant capacity (In TPD)** |
|---|---|---|---|
| Existing | 1 | Indore | 100 |
| | 1 | Satna | 100 |
| | 1 | Ujjain | 100 |
| | 1 | Jabalpur | 50 |
| | 1 | Rewa | 50 |
| | 1 | Sagar | 20 |
| Under construction | 1 | Bhopal | 100 |
| Proposed | 1 | Sagar | 50 |
| Note: 318 ULBs have dedicated storage areas for C&D Waste. It is not financially viable for setting up C&D waste processing plant in ULBs with <100 TPD of C&D waste generation rate . | | | |

- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source.

| Total no. of wards | No. of wards having door to door collection service | No. of wards practicing segregation at source |
|---|---|---|
| 7101 | 7101 | 6273 |

- Details of MSW treatment facilities proposed and under construction (no., capacity and technology)

**Annexure- V- B**

## Annexure -A Status of ULB wise Management of Solid Waste

| Code | ULB Name | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW Facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|---|---|---|---|---|---|---|
| 802431 | Bhavra (NP) | 5.33 | 5.33 | Yes | 100% | |
| 802434 | Chhanera (NP) | 5.5 | 5.5 | Yes | 100% | |
| 802236 | Barod (NP) | 1 | 1 | Yes | 100% | |
| 802079 | Sheopur (M) | 24 | 20.5 | Yes | 85% | |
| 802082 | Porsa (M) | 9 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802090 | Bhind (M) | 65.5 | 50 | Yes | 76% | |
| 802093 | Gormi (NP) | 6.51 | 5 | Yes | 77% | |
| 802096 | Mihona (NP) | 4.01 | 3 | Yes | 75% | |
| 802099 | Daboh (NP) | 6.13 | 4 | yes | 65% | |
| 802102 | Bilaua (NP) | 5 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802110 | Badoni (NP) | 3.5 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802113 | Narwar (NP) | 3.5 | 3.5 | Yes | 100% | |
| 802116 | Badarwas (NP) | 2.7 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 900155 | Bairad | 3.15 | 2.7 | Yes | 86% | |
| 802139 | Tarichar Kalan (NP) | 2 | 2 | Yes | 100% | |
| 802122 | Jeron Khalsa (NP) | 4.16 | 4.16 | Yes | 100% | |
| 130 | Tikamgarh (M) | 14 | 13.6 | Yes | 97% | |
| 802133 | Lavkush Nagar (NP) | 7.5 | 6 | Yes | 80% | |
| 802136 | Nowgong (M) | 11.81 | 10.34 | Yes | 88% | |
| 802139 | Chhatarpur (M) | 41.1 | 29.94 | Yes | 73% | |
| 802142 | Bada Malhera (NP) | 5.75 | 4.5 | Yes | 78% | |
| 802145 | Bijawar (NP) | 4.83 | 4.28 | Yes | 89% | |
| 802153 | Bina Etawa (M) | 18.43 | 14.8 | Yes | 80% | |
| 802156 | Shahgarh (NP) | 4.72 | 4 | Yes | 85% | |
| 802159 | Sagar (M Corp.) | 95.83 | 87.64 | Yes | 91% | |
| 802162 | Rehli (M) | 9.09 | 5.3 | Yes | 58% | |
| 900172 | Makroniya Bujurg | 17.48 | 13 | Yes | 74% | |
| 802165 | Patharia (NP) | 8 | 5.76 | Yes | 72% | |
| 802173 | Jaitwara (NP) | 3.5 | 3.5 | Yes | 100% | |
| 802176 | Rampur Baghelan (NP) | 4.13 | 4.1 | Yes | 99% | |
| 802179 | Maihar (M) | 16.8 | 13 | Yes | 77% | |
| 802182 | Sirmour (NP) | 3.26 | 3.2 | Yes | 98% | |
| 802185 | Semaria (NP) | 5 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802193 | Chandia (NP) | 4.37 | 3.06 | Yes | 70% | |
| 802196 | Diken (NP) | 0.8 | 0.8 | Yes | 100% | |
| 802199 | Ratangarh (NP) | 1.32 | 1.3 | Yes | 98% | |
| 802202 | Rampura (NP) | 5 | 5 | Yes | 100% | |
| 89 | Sarwaniya Maharaj | 0.5 | 0.35 | Yes | 70% | |
| 802205 | Bhanpura (NP) | 6.27 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802213 | Sitamau (NP) | 1.8 | 1.8 | Yes | 100% | |
| 802216 | Jaora (M) | 16 | 16 | Yes | 100% | |
| 802219 | Tal (NP) | 3.4 | 3 | Yes | 88% | |
| 802222 | Ratlam (M Corp.) | 86 | 80 | Yes | 93% | |
| 802225 | Nagda (M) | 34.72 | 33.6 | Yes | 97% | |
| 802228 | Tarana (NP) | 7.11 | 7.1 | Yes | 100% | |
| 802239 | Shajapur (M) | 30.5 | 27 | Yes | 89% | |
| 802242 | Akodia (NP) | 1.4 | 1.37 | Yes | 98% | |
| 802245 | Bhaurasa (NP) | 2 | 2 | Yes | 100% | |
| 802248 | Dewas (M Corp.) | 102.09 | 90.37 | Yes | 89% | |
| 802256 | Khategaon (NP) | 9.5 | 9 | Yes | 95% | |
| 802259 | Sardarpur (NP) | 1.94 | 1.94 | Yes | 100% | |
| 802262 | Mandav (NP) | 3.2 | 3.2 | Yes | 100% | |
| 802265 | Manawar (M) | 10.18 | 9.67 | Yes | 95% | |
| 802268 | Runji-Gautampura (NP) | 3.5 | 3.5 | Yes | 100% | |
| 802276 | Mhowgaon (NP) | 13.44 | 11.65 | Yes | 87% | |
| 802279 | Sanawad (M) | 17.44 | 16.87 | Yes | 97% | |
| 802282 | Kasrawad (NP) | 8.98 | 8.48 | Yes | 95% | |
| 802285 | Barwani (M) | 20.5 | 20 | Yes | 98% | |
| 802296 | Rajgarh (NP) | 7.2 | 7.1 | Yes | 99% | |
| 802299 | Biaora (M) | 8 | 7 | Yes | 88% | |
| 802302 | Boda (NP) | 2 | 2 | Yes | 100% | |

| ULB Code | ULB Name | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW Facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|---|---|---|---|---|---|---|
| 802305 | Lateri (NP) | 6 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802308 | Basoda (M) | 11.5 | 9.64 | Yes | 84% | |
| 802311 | Berasia (M) | 5 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802319 | Nasrullaganj (NP) | 11 | 9.5 | Yes | 86% | |
| 802322 | Sanchi (NP) | 2.2 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802325 | Begamganj (M) | 15.5 | 15.2 | Yes | 98% | |
| 802328 | Obedullaganj (NP) | 6 | 5 | Yes | 83% | |
| 802331 | Silwani (NP) | 4.5 | 4 | Yes | 89% | |
| 802339 | Multai (M) | 3.3 | 3.1 | Yes | 94% | |
| 802342 | Harda (M) | 28 | 27.44 | Yes | 98% | |
| 802345 | Itarsi (M) | 16.9 | 14.87 | Yes | 88% | |
| 802348 | Sohagpur (NP) | 7.5 | 7 | Yes | 93% | |
| 802351 | Murwara (Katni) (M Corp.) | 92 | 90 | Yes | 98% | |
| 802359 | Shahpura (NP) | 3.5 | 3.5 | Yes | 100% | |
| 802362 | Shedaghat (NP) | 2 | 2 | Yes | 100% | |
| 802365 | Gotegaon (NP) | 6.7 | 6.7 | Yes | 100% | |
| 802368 | Kareli (M) | 7.4 | 7.4 | Yes | 100% | |
| 802371 | Dindori (NP) | 4.5 | 4 | Yes | 89% | |
| 802382 | Neutan Chikhli Kalan (NP) | 2.5 | 2 | Yes | 80% | |
| 802385 | Badkuhi (NP) | 2.47 | 2.47 | Yes | 100% | |
| 802388 | Mohgaon (NP) | 0.8 | 0.64 | Yes | 80% | |
| 802391 | Pandhurna (M) | 12.01 | 12 | Yes | 100% | |
| 900161 | Chand | 2.1 | 2.1 | Yes | 100% | |
| 802402 | Raghogarh -Vijaypur (M) | 12 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802405 | Chachaura-Binaganj (NP) | 0.02 | 0.02 | Yes | 100% | |
| 802408 | Ashoknagar (M) | 22.02 | 21 | Yes | 95% | |
| 802411 | Beohari (NP) | 6.5 | 5 | Yes | 77% | |
| 802414 | Burhar (NP) | 4.86 | 4 | Yes | 82% | |
| 802422 | Rampur Naikin (NP) | 3.28 | 2.9 | Yes | 88% | |
| 802425 | Majhauli (NP) | 3.27 | 3.27 | Yes | 100% | |
| 802084 | Bamor (NP) | 8 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802087 | Jhundpura (NP) | 4 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802095 | Mau (NP) | 5.01 | 4 | Yes | 80% | |
| 802098 | Alampur (NP) | 4.25 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802104 | Dabra (M) | 52 | 45 | Yes | 87% | |
| 802107 | Seondha (NP) | 6.36 | 5 | Yes | 79% | |
| 802115 | Kolaras (NP) | 3.44 | 3.16 | Yes | 92% | |
| 802118 | Khaniyadhana (NP) | 3.9 | 3.5 | Yes | 90% | |
| 802121 | Orchha (NP) | 8 | 6 | Yes | 75% | |
| 802124 | Lidhora Khas (NP) | 5 | 4.64 | Yes | 93% | |
| 802127 | Baldeogarh (NP) | 2.23 | 1.8 | Yes | 81% | |
| 802135 | Harpalpur (NP) | 7.5 | 7.2 | Yes | 96% | |
| 802138 | Maharajpur (NP) | 8.4 | 7 | Yes | 83% | |
| 802141 | Khajuraho (NP) | 5 | 5 | Yes | 100% | |
| 802144 | Satai (NP) | 4.29 | 4 | Yes | 93% | |
| 802147 | Ajaigarh (NP) | 5.2 | 4.15 | Yes | 80% | |
| 802150 | Kakarhati (NP) | 5 | 5 | Yes | 100% | |
| 802158 | Shahpur (NP) | 5.58 | 5 | Yes | 90% | |
| 802161 | Garhakota (M) | 7.5 | 5.76 | Yes | 77% | |
| 802154 | Hatta (M) | 7.5 | 7 | Yes | 93% | |
| 802167 | Damoh (M) | 34.5 | 24.85 | Yes | 72% | |
| 802170 | Satna (M Corp.) | 90 | 83 | Yes | 92% | |
| 802178 | Amarpatan (NP) | 5.33 | 5 | Yes | 94% | |
| 802181 | Teonthar (NP) | 5.1 | 5 | Yes | 98% | |
| 802184 | Mangawan (NP) | 3.5 | 2.5 | Yes | 71% | |
| 802187 | Maigawi (NP) | 6.6 | 5.6 | Yes | 85% | |
| 802190 | Govindgarh (NP) | 2.4 | 2.4 | Yes | 100% | |
| 802198 | Singoli (NP) | 2 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802201 | Jiran (NP) | 1.5 | 1.4 | Yes | 93% | |
| 802204 | Sukeshwar (NP) | 2.9 | 2.9 | Yes | 100% | |
| 802207 | Narayangarh (NP) | 4.1 | 4 | Yes | 98% | |
| 802210 | Sharangarh (NP) | 3.52 | 3.12 | Yes | 89% | |

| ULB Code | ULB Name | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW Facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|---|---|---|---|---|---|---|
| 802218 | Alot (NP) | 2 | 2 | Yes | 100% | |
| 802221 | Namli (NP) | 4 | 2 | Yes | 50% | |
| 802224 | Khacharod (M) | 9 | 9 | Yes | 100% | |
| 802227 | Mahidpur (M) | 15 | 15 | Yes | 100% | |
| 802230 | Ujjain (M Corp.) | 204.27 | 197.51 | Yes | 97% | |
| 802241 | Shujalpur (M) | 21 | 16.5 | Yes | 79% | |
| 802244 | Tonk Khurd (NP) | 3.4 | 2.52 | Yes | 74% | |
| 802247 | Pipalrawan (NP) | 2.5 | 2.5 | Yes | 100% | |
| 802250 | Loharda (NP) | 4.73 | 4.63 | Yes | 98% | |
| 802253 | Karnawad (NP) | 2.5 | 0 | No | 0% | Facility Proposed,30th June 202 |
| 900166 | Nemawar | 2.9 | 2.5 | Yes | 86% | |
| 802261 | Pithampur (M) | 1000.1 | 88 | Yes | 9% | |
| 802264 | Dahi (NP) | 2.62 | 2.62 | Yes | 100% | |
| 802267 | Dharampuri (NP) | 3.3 | 2.8 | Yes | 85% | |
| 802270 | Betma (NP) | 3.57 | 3.52 | Yes | 99% | |
| 802281 | Mandleshwar (NP) | 5.2 | 4.9 | Yes | 94% | |
| 802284 | Khargone (M) | 47.24 | 44.08 | Yes | 93% | |
| 802287 | Rajpur (NP) | 1.5 | 1.5 | Yes | 100% | |
| 802290 | Khetia (NP) | 4 | 3.38 | Yes | 85% | |
| 802293 | Jirapur (NP) | 4.8 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802304 | Talen (NP) | 2 | 1.5 | Yes | 75% | |
| 900154 | Kurawar | 2 | 2 | Yes | 100% | |
| 802307 | Kurwai (NP) | 3.5 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802310 | Vidisha (M) | 60 | 59.01 | Yes | 98% | |
| 802316 | Kothri (NP) | 1.2 | 0.58 | Yes | 48% | |
| 802327 | Mandideep (M) | 30 | 30 | Yes | 100% | |
| 802330 | Badi (NP) | 3 | 2 | Yes | 67% | |
| 802333 | Bhainsdehi (NP) | 1.65 | 1.35 | Yes | 82% | |
| 802336 | Betul-Bazar (NP) | 2.25 | 1.75 | Yes | 78% | |
| 802344 | Seoni-Malwa (M) | 8 | 5.5 | Yes | 69% | |
| 802347 | Babai (NP) | 0.03 | 0.02 | Yes | 67% | |
| 802353 | Kymore (NP) | 4.56 | 4.53 | Yes | 99% | |
| 802356 | Majholi (NP) | 2.2 | 2.2 | Yes | 100% | |
| 802364 | Panagar (M) | 7.68 | 7.68 | Yes | 100% | |
| 802367 | Narsimhapur (M) | 11.01 | 10.5 | Yes | 95% | |
| 900163 | Chichli | 3.6 | 3.6 | Yes | 100% | |
| 802370 | Shahpura (NP) | 2.5 | 2.25 | Yes | 90% | |
| 802373 | Mandla (M) | 10.9 | 8.73 | Yes | 80% | |
| 802376 | Nainpur (M) | 4.65 | 4.65 | Yes | 100% | |
| 802379 | Chaurai Khas (M) | 3 | 3 | Yes | 100% | |
| 802387 | Sausar (M) | 8.75 | 3.8 | Yes | 43% | |
| 802390 | Piplanarayanwar (NP) | 1.91 | 1.5 | Yes | 79% | |
| 900160 | Bichua | 2.62 | 2.62 | Yes | 100% | |
| 802393 | Seoni (M) | 30.8 | 28.98 | Yes | 94% | |
| 802396 | Waraseoni (M) | 7.14 | 4.09 | Yes | 57% | |
| 802399 | Malajkhand (M) | 12.8 | 9.6 | Yes | 75% | |
| 802407 | Chanderi (M) | 11 | 9.16 | Yes | 83% | |
| 802410 | Khand(Bansagar) (NP) | 3 | 3 | Yes | 100% | |
| 802413 | Shahdol (M) | 23 | 23 | Yes | 100% | |
| 802416 | Bijuri (M) | 8 | 5.5 | Yes | 69% | |
| 802419 | Anuppur (M) | 9.5 | 8.7 | Yes | 92% | |
| 802427 | Thandla (NP) | 5 | 5 | Yes | 100% | |
| 802430 | Ranapur (NP) | 5.23 | 4.2 | Yes | 80% | |
| 802433 | Alirajpur (M) | 15.75 | 14 | Yes | 89% | |
| 802436 | Omkareshwar (NP) | 6.3 | 6.22 | Yes | 99% | |
| 802439 | Burhanpur (M Corp.) | 90 | 86 | Yes | 96% | |
| 802383 | Susner (NP) | 5.01 | 5 | Yes | 100% | |
| 802378 | Vijaypur (NP) | 4.5 | 2.7 | Yes | 60% | |
| 802431 | Ambah (M) | 19.95 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802125 | Palera (NP) | 8 | 7.2 | Yes | 90% | |
| 802129 | Kari (NP) | 5.18 | 3.95 | Yes | 76% | |
| 802132 | Barigarh (NP) | 2.5 | 1.85 | Yes | 74% | |

| ULB Code | ULB Name | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW Facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|---|---|---|---|---|---|---|
| 802140 | Rajnagar (NP) | 4.2 | 4.2 | Yes | 100% | |
| 802143 | Ghuwara (NP) | 3.5 | 2.25 | Yes | 64% | |
| 802146 | Burwaha (NP) | 3 | 2.6 | Yes | 87% | |
| 802149 | Devendranagar (NP) | 2.89 | 1.68 | Yes | 58% | |
| 802152 | Pawai (NP) | 4.35 | 4 | Yes | 92% | |
| 802155 | Banda (NP) | 7.16 | 3.39 | Yes | 47% | |
| 802163 | Deori (M) | 6.58 | 6.55 | Yes | 100% | |
| 802166 | Hindoria (NP) | 4.29 | 3.75 | Yes | 87% | |
| 900165 | Patera | 3.19 | 2.65 | Yes | 83% | |
| 802169 | Kothi (NP) | 2 | 2 | Yes | 100% | |
| 802172 | Birsinghpur (NP) | 3.94 | 3.94 | Yes | 100% | |
| 802175 | Unchahara (NP) | 5.1 | 5 | Yes | 98% | |
| 802183 | Baikunthpur (NP) | 2.8 | 2.5 | Yes | 89% | |
| 802186 | Hanumana (NP) | 4.62 | 4.37 | Yes | 95% | |
| 802189 | Rewa (M Corp.) | 102.21 | 83.5 | Yes | 82% | |
| 802192 | Umaria (M) | 3.44 | 3.44 | Yes | 100% | |
| 802195 | Firozabad (Khodargama) ( | 5.52 | 5.19 | Yes | 94% | |
| 802203 | Manasa (NP) | 7.8 | 6.9 | Yes | 88% | |
| 900168 | Nayagaon | 2 | 2 | Yes | 100% | |
| 802206 | Malhargarh (NP) | 2.06 | 1.55 | Yes | 75% | |
| 802209 | Garoth (NP) | 5.1 | 4.9 | Yes | 96% | |
| 802212 | Nagri (NP) | 0.81 | 0.77 | Yes | 95% | |
| 802215 | Piploda (NP) | 3 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802226 | Unhel (NP) | 5.72 | 5.42 | Yes | 95% | |
| 802229 | Makdon (NP) | 2.63 | 2.6 | Yes | 99% | |
| 802246 | Sonkatch (NP) | 4.8 | 4.8 | Yes | 100% | |
| 802249 | Kannod (NP) | 7.5 | 7 | Yes | 93% | |
| 802252 | Satwas (NP) | 4.15 | 4.15 | Yes | 100% | |
| 802255 | Hatpipiya (NP) | 6 | 6 | Yes | 100% | |
| 802258 | Rajgarh (NP) | 5.7 | 5.7 | Yes | 100% | |
| 802269 | Depalpur (NP) | 4.5 | 4.46 | Yes | 99% | |
| 802272 | Sawer (NP) | 4.56 | 4.43 | Yes | 97% | |
| 802278 | Barwaha (M) | 11.7 | 11.44 | Yes | 98% | |
| 802286 | Anjad (NP) | 5.45 | 5.18 | Yes | 95% | |
| 802289 | Pansemal (NP) | 3.3 | 3.3 | Yes | 100% | |
| 802292 | Machalpur (NP) | 3 | 3 | Yes | 100% | |
| 802295 | Chhapiheda (NP) | 3.8 | 3.65 | Yes | 96% | |
| 802298 | Suthaliya (NP) | 1.5 | 1.5 | Yes | 100% | |
| 802301 | Narsinghgarh (M) | 6.5 | 6.5 | Yes | 100% | |
| 802309 | Shamshabad (NP) | 3 | 3 | Yes | 100% | |
| 802315 | Ashta (M) | 20.03 | 20.03 | Yes | 100% | |
| 802318 | Ichhawar (NP) | 3.5 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802321 | Rehti (NP) | 4.5 | 4.02 | Yes | 89% | |
| 802329 | Baraily (NP) | 7.1 | 3.2 | Yes | 45% | |
| 802332 | Udaipura (NP) | 2.5 | 1.4 | Yes | 56% | |
| 802335 | Betul (M) | 38.5 | 36 | Yes | 94% | |
| 802338 | Sarni (M) | 46 | 39 | Yes | 85% | |
| 802341 | Khirkiya (NP) | 5 | 5 | Yes | 100% | |
| 802349 | Pipariya (M) | 3.01 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 900171 | Vankhedi | 5 | 5 | Yes | 100% | |
| 802352 | Barhi (NP) | 3.5 | 3 | Yes | 86% | |
| 802355 | Sihora (M) | 15.5 | 15.5 | Yes | 100% | |
| 802358 | Patan (NP) | 6 | 6 | Yes | 100% | |
| 802361 | Jabalpur (M Corp.) | 524 | 524 | Yes | 100% | |
| 802369 | Tendukheda (NP) | 2.87 | 2.87 | Yes | 100% | |
| 900159 | Saikheda (NP) | 3.55 | 3.55 | Yes | 100% | |
| 900162 | Salichouka(Bawaikalan) | 3.4 | 3.4 | Yes | 100% | |
| 802375 | Bichhiya (NP) | 2.2 | 2 | Yes | 91% | |
| 802378 | Harrai (NP) | 3 | 3 | Yes | 100% | |
| 802381 | Damoa (M) | 7.91 | 7.3 | Yes | 92% | |
| 802392 | Lakhnadon (NP) | 5.5 | 3.89 | Yes | 71% | |
| 802395 | Ashangi (NP) | 3.4 | 3.4 | Yes | 100% | |

| ULB Co | ULB Name | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW Facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|---|---|---|---|---|---|---|
| 802398 | Ashoknagar (NP) | 1.5 | 1.29 | Yes | 86% | |
| 802401 | Guna (M) | 58.18 | 49 | Yes | 84% | |
| 802404 | Aron (NP) | 4.25 | 4.25 | Yes | 100% | |
| 802412 | Jaisinghnagar (NP) | 2.5 | 2.15 | Yes | 86% | |
| 802415 | npuri (Nargada Hari Dafai) | 11.58 | 10.74 | Yes | 93% | |
| 802418 | Pasan (M) | 7.8 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802421 | Amarkantak (NP) | 3.2 | 3 | Yes | 94% | |
| 802424 | Sidhi (M) | 14 | 5.8 | Yes | 41% | |
| 802432 | Jobat (NP) | 5.85 | 4.5 | Yes | 77% | |
| 802435 | Khandwa (M Corp.) | 50 | 48.98 | Yes | 98% | |
| 802438 | Pandhana (NP) | 6.75 | 6 | Yes | 89% | |
| 802441 | Nepanagar (M) | 6.1 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802232 | Soyatkalan (NP) | 7 | 7 | Yes | 100% | |
| 802235 | Badagaon (NP) | 1.85 | 1.7 | Yes | 92% | |
| 802238 | Kanad (NP) | 1.5 | 1.5 | Yes | 100% | |
| 802080 | Bododa (NP) | 4.4 | 1.9 | Yes | 43% | |
| 802083 | Morena (M) | 91 | 91 | Yes | 100% | |
| 802086 | Kailaras (NP) | 10 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802089 | Ptuphkalan (NP) | 4 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802092 | Mehgaon (NP) | 5.01 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802100 | Gwalior (M Corp.) | 487 | 450 | Yes | 92% | |
| 802103 | Pichhore (NP) | 4.5 | 4.5 | Yes | 100% | |
| 802106 | Antari (NP) | 4 | 4 | Yes | 100% | |
| 802109 | Datia (M) | 26 | 18 | Yes | 69% | |
| 802112 | Shivpuri (M) | 14.3 | 14.3 | Yes | 100% | |
| 802120 | Niwari (NP) | 8.75 | 8.7 | Yes | 99% | |
| 802123 | Prithvipur (NP) | 7 | 7 | Yes | 100% | |
| 802105 | Bhitarwar (NP) | 7.3 | 7.2 | Yes | 99% | |
| 802108 | Indergarh (NP) | 5 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802111 | Bhander (NP) | 8.5 | 5.8 | Yes | 68% | |
| 802114 | Karera (NP) | 6.38 | 0 | No | 0% | Facility Proposed,30th June 2021 |
| 802117 | Pichhore (NP) | 4.3 | 3.75 | Yes | 87% | |
| 802125 | Jatara (NP) | 2 | 2 | Yes | 100% | |
| 802128 | Khargapur (NP) | 4 | 2.7 | Yes | 68% | |
| 802131 | Badagaon (NP) | 2.8 | 1 | Yes | 36% | |
| 802134 | Chanda (NP) | 6 | 3.7 | Yes | 62% | |
| 802137 | Garhi - Malhera (NP) | 3.75 | 3.75 | Yes | 100% | |
| 802148 | Panna (M) | 13 | 9.94 | Yes | 76% | |
| 802151 | Amanganj (NP) | 5.1 | 3.2 | Yes | 63% | |
| 802154 | Khurai (M) | 16.1 | 11.7 | Yes | 73% | |
| 802157 | Rahatgarh (NP) | 7.5 | 4.54 | Yes | 61% | |
| 802168 | Tendukheda (NP) | 4.03 | 2.78 | Yes | 69% | |
| 802171 | Chitrakoot (NP) | 6.4 | 6.09 | Yes | 95% | |
| 802174 | Nagod (NP) | 6.78 | 6.78 | Yes | 100% | |
| 802177 | Kotar (NP) | 3 | 2 | Yes | 67% | |
| 900164 | New Ramnagar | 5.33 | 5 | Yes | 94% | |
| 802180 | Chakghat (NP) | 3.23 | 3 | Yes | 93% | |
| 802188 | Naigarhi (NP) | 4.68 | 2.72 | Yes | 58% | |
| 802191 | Gurh (NP) | 4.13 | 4.13 | Yes | 100% | |
| 802194 | Pali (NP) | 4.46 | 4.46 | Yes | 100% | |
| 802197 | Jawad (NP) | 5 | 5 | Yes | 100% | |
| 802200 | Neemuch (M) | 49.27 | 48 | Yes | 97% | |
| 900167 | Ashana | 1.6 | 1.58 | Yes | 99% | |
| 802208 | Piplya Mandi (NP) | 3.91 | 3.91 | Yes | 100% | |
| 802211 | Mandsaur (M) | 47.54 | 45.54 | Yes | 96% | |
| 802214 | Sunel Kara (NP) | 2.94 | 2.87 | Yes | 98% | |
| 802217 | Bad[illegible]wada (NP) | 1.2 | 1.2 | Yes | 100% | |
| 802220 | S[illegible]na (NP) | 2 | 2 | Yes | 100% | |
| 802223 | [illegible]od (NP) | 1.8 | 1.5 | Yes | 83% | |
| 802240 | [illegible]r (NP) | 2.5 | 1.8 | Yes | 72% | |
| 802243 | Pa[illegible]gaon (NP) | 1.38 | 1.36 | Yes | 100% | |
| 900170 | Pan[illegible]alpipal) | 1.2 | 0.99 | Yes | 83% | |

| ULB Code | ULB Name | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW Facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|---|---|---|---|---|---|---|
| 802251 | Kantaphod (NP) | 3 | 2.64 | Yes | 88% | |
| 802254 | Bagli (NP) | 2.82 | 2.8 | Yes | 99% | |
| 802257 | Badnawar (NP) | 9.8 | 9.8 | Yes | 100% | |
| 802260 | Dhar (M) | 40 | 39 | Yes | 98% | |
| 802263 | Kukshi (NP) | 10 | 6 | Yes | 60% | |
| 802271 | Hatod (NP) | 3.1 | 2.65 | Yes | 85% | |
| 802280 | Maheshwar (NP) | 11.71 | 11.71 | Yes | 100% | |
| 802283 | Bhikangaon (NP) | 4.84 | 4.51 | Yes | 93% | |
| 802291 | Sendhwa (M) | 21.67 | 20.67 | Yes | 95% | |
| 802294 | Khilchipur (NP) | 5 | 5 | Yes | 100% | |
| 802297 | Khujner (NP) | 5.9 | 5.9 | Yes | 100% | |
| 802300 | Sarangpur (M) | 12 | 12 | Yes | 100% | |
| 802308 | Pachore (NP) | 7 | 6.3 | Yes | 90% | |
| 802314 | Sehore (M) | 44 | 24.6 | Yes | 56% | |
| 802317 | Jawar (NP) | 0.8 | 0.8 | Yes | 100% | |
| 802320 | Budni (NP) | 5.85 | 4.5 | Yes | 77% | |
| 900127 | Shahganj Nagar Parishad | 3.86 | 3.25 | Yes | 84% | |
| 802329 | Raisen (M) | 16.81 | 13.72 | Yes | 82% | |
| 802326 | Sultanpur (NP) | 3.5 | 0.66 | Yes | 19% | |
| 802334 | Athner (NP) | 2.95 | 2.55 | Yes | 86% | |
| 802337 | Chicholi (NP) | 2.17 | 2.15 | Yes | 99% | |
| 802340 | Amla (M) | 5.01 | 5 | Yes | 100% | |
| 802343 | Timarni (NP) | 7.45 | 7.3 | Yes | 98% | |
| 802346 | Hoshangabad (M) | 46 | 27 | Yes | 59% | |
| 802354 | Vijayraghavgarh (NP) | 2.93 | 2.36 | Yes | 81% | |
| 802357 | Katangi (NP) | 4.7 | 4.7 | Yes | 100% | |
| 802363 | Barela (NP) | 2.9 | 2.5 | Yes | 100% | |
| 802374 | Bamhani (NP) | 2.3 | 2.3 | Yes | 100% | |
| 802377 | Amarwara (M) | 3.5 | 3.5 | Yes | 100% | |
| 802380 | Jamai (M) | 5.19 | 4.5 | Yes | 87% | |
| 802383 | Dongar Parasia (M) | 12.2 | 11.2 | Yes | 92% | |
| 802386 | Chhindwara (M) | 59.8 | 59.7 | Yes | 100% | |
| 802397 | Balaghat (M) | 33 | 33 | Yes | 100% | |
| 802400 | Lanji (NP) | 3.39 | 3.17 | Yes | 94% | |
| 802403 | Kumbhraj (NP) | 7.45 | 7.45 | Yes | 100% | |
| 802406 | Isagarh (NP) | 2.1 | 2.1 | Yes | 100% | |
| 802409 | Mungaoli (NP) | 7.23 | 3.46 | Yes | 48% | |
| 900156 | Shadhora | 2.8 | 2.68 | Yes | 96% | |
| 802417 | Kotma (M) | 8.15 | 4.87 | Yes | 60% | |
| 802420 | Jaithari (NP) | 4 | 3.9 | Yes | 98% | |
| 802423 | Churhat (NP) | 4.5 | 2.5 | Yes | 56% | |
| 802429 | Jhabua (M) | 9 | 8.5 | Yes | 94% | |
| 802437 | Mundi (NP) | 5 | 5 | Yes | 100% | |
| 802440 | Shahpur (NP) | 4.8 | 2.6 | Yes | 54% | |
| 802234 | Nalkheda (NP) | 4.5 | 4.5 | Yes | 100% | |
| 802237 | Agar (M) | 14.8 | 9.5 | Yes | 64% | |
| 802085 | Joura (NP) | 15 | 11 | Yes | 73% | |
| 802091 | Akoda (NP) | 3.01 | 2.25 | Yes | 75% | |
| 802094 | Gohad (M) | 19.4 | 12 | Yes | 62% | |
| 802097 | Lahar (NP) | 9.01 | 5 | Yes | 55% | |
| 900158 | KARAHI PADLIYA KHURD | 3.68 | 3.68 | Yes | 100% | |
| 802394 | Barghat (NP) | 3.5 | 3.5 | Yes | 100% | |
| 802428 | Pachawad (NP) | 2.7 | 2.7 | Yes | 100% | |
| 802273 | Indore (M Corp.) | 1133 | 1122 | Yes | 99% | |
| 802324 | Gairatganj (NP) | 5.45 | 5.45 | Yes | 100% | |
| 900157 | Meghnagar | 3.75 | 3 | Yes | 80% | |
| 802265 | Dhamnod (NP) | 7.7 | 7.7 | Yes | 100% | |
| 802312 | Bhopal (M Corp.) | 863 | 863 | Yes | 100% | |
| 802372 | Niwas (NP) | 2.1 | 2.04 | Yes | 97% | |
| 802306 | Sironj (M) | 15 | 0 | No | 0% | Facility Proposed 30th June 2021 |
| 802366 | Gadarwara (M) | 10.8 | 10.8 | Yes | 100% | |
| 802399 | Lakhnadon (NP) | 3 | 2.74 | Yes | 91% | |

| ULB Code | ULB Name | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW Facilities | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline |
|---|---|---|---|---|---|---|
| 802426 | Singrauli (M-Corp.) | 59.34 | 59.34 | Yes | 100% | |
| 802231 | Badnagar (M) | No Data | 0 | No | NA | Facility Proposed,30th June 2021 |
| 802274 | Rau (NP) | No Data | 0 | No | NA | Facility Proposed,30th June 2021 |
| 802277 | Manpur (NP) | No Data | 0 | No | NA | Facility Proposed,30th June 2021 |
| 802284 | Chandameta- Butaria (NP) | No Data | 0 | No | NA | Facility Proposed,30th June 2021 |
| 802288 | Palsud (NP) | No Data | 0 | No | NA | Facility Proposed,30th June 2021 |
| 802088 | Sabalgarh (M) | No Data | 0 | No | NA | Facility Proposed,30th June 2021 |

# Annexure- V-C

1. **No. & Area (In Acres) of uncontrolled garbage dumpsits and sanitary landfills:-**

   UADD has proposed Sanitary landfills at 51 district headquarters and out of that 8 district head quarters have set up the Sanitary landfills and 43 are yet to set up. There are total 378 ULBs in the state. As per information received from UADD. Total area covered by all dump sites of 378 ULBs was approx. 14947559 sqm. Out of 378 ULBs, 56 ULBs have cleared their dump sites.

2. **No. and Area of legacy waste within 1 km buffer of bothside of the rivers:-**

   Currently, there is no data available in the department pertaining to this query.

3. **No. of drains falling into rivers and no. of darins having floating racks/ screen installed to prevent solid waste from falling into the rivers:-**

   There are total 1310 storm water drains identified in the state and 2089 wire mash have been installed on them to prevent floating solid from joining the stream.

**Annexure- VI**

## Proposed Project Information's

| S.No. | Description | Details |
|---|---|---|
| 1 | Project Name | Integrated Common Hazardous Waste , Treatment, Storage, Disposal & Recycling Facility |
| 2 | Address: | Plot no 2- Sector B-1 (P-H) at Industrial Growth Centre (IGC), Maneri , Dist. Mandla (MP) |
| 3 | Land Area | 19.77 acres [Allotted by MPIDC (formerly MPAKVN) in notified Industrial Area] |
| 4 | Status of Environmental Clearance (EC) | Obtained from MoEF & CC ( EC no-Letter No.F.No.10-40/2019-IA-III; Dated 15th October 2020-under Project / Activity 7 (d) CHWTSDF, Category "A" |
| 5 | Project Cost | INR- 40 .0 Cr |
| 6 | Water Demand | 120 KLD sources rom MPIDC supply |
| 7 | Power Requirement | 325 KVA from MPMKVVCL- Jabalpur & power back up provision of DG Set |
| 8 | Green Belt | 33% of total area |
| 9 | Water Pollution Control | Zero Liquid Discharge ( ETP & LCP) |
| 10 | Air Pollution Control | Dust Control System, Scrubber followed by Stack of appropriate height of respective sources for Incinerator, DG Set, SPL, E-waste etc |
| 11 | Objective of Project | Resources Management Facility under Environmental Sustainability approach |
| 12 | EMP Cost | INR 4 cr for EMP for Proposed Project |

# CTE Application – Proposed Waste Treatment & Recycle with Capacity

| S. No. | Facility | Capacity | Remark |
|---|---|---|---|
| 1 | Secured Landfill (Direct Landfill) | 250 TPD | Direct Landfill as per, waste acceptance CPCB criteria |
| 2 | Landfill after Treatment | 400 TPD | Landfill after treatment as per CPCB guidelines |
| 3 | Common Incineration (for hazardous waste and bio-medical waste) | 55 TPD | Common Incinerator for HzW & BMW ( Modular Type) |
| 4 | Bio Medical Waste Treatment | 12 5 TPD | In line of CBMWTDF guidelines |
| 5 | Alternative Fuel and Raw Material Facility (AFRF) | 55 TPD | Collecuon, mixing, blending, drying, bagging & packing for reuse in line of CPCB guidelines |
| 6. | E-Waste Recycling Facility (Dry Process) | 82 TPD | Dry Process Only-Collection, Dismantling, Segregation & resale to authorized vendors |
| 7 | Drum Decontamination Plant | 10 TPD | De-contaimination , cutting & granulation f |
| 8. | Used / Spent Oil Recycling Facility | 54 KLD | Standard Operating Plant as per CPCB SOP |
| 9 | Lead Recycling Facility | 65 TPD | Standard Operating Plant as per CPCB SOP |
| 10 | Paper Recycling Facility | 10 TPD | Dry Process-Collection, de-contamination, shredding,, bailing & resale to authorized vendors, |
| 11 | Plastics Recycling Facility | 10 TPD | Standard Operating Plant as per CPCB SOP |
| 12 | Aluminium Dross Reprocessing Facility | 165 TPD | Standard Operating Plant as per CPCB SOP |
| 13 | Spent Pot Liner (Carbon Portion) Reprocessing Facility | 165 TPD | Standard Operating Plant as per CPCB SOP |
| 14 | Spent Pot Liner (Refractory Portion) Reprocessing and Disposal Facility | 165 TPD | Standard Operating Plant as per CPCB SOP |
| 15 | Solvent Recovery Facility | 27 KLD | Proposed Development Based on market demand development |
| 16 | Renewable Energy | 2 MW | Proposed under Non-conventional green energy plan |
| 17 | Waste to Energy | 2 MW | Proposed utilized in-house energy sources |

# Annexure- VII

**Plastic Waste Management in the state of Madhya pradesh (as per Annual Report 2020-21):**

1. **Municipal Solid Waste (MSW) generation from the state- 7980 MT/day**
2. **Average Plastic waste generation as a part of the Municipal Solid Waste (4.75% of MSW): 379 MT/day**
3. **Composition of Plastic waste generated from the state:**

   **3.1. Recyclable : 326 MT/day**

   **(Utensils, toys, domestic goods, pet bottles, storage items, machenical parts, other containers etc)**

   **3.2. Non Recyclable: 53 MT/day**

   **(Carry bags, packaging materials, cutlery items, decoration, thermocol items etc.)**

4. **The Plastic waste is being used in the Cement kilns for co-processing for energy utilisation from 2008-09, around 1,61,150 MT plastic waste has been coprocessed up to 2020-21. Around 55,183 MT plastic waste coprocessed during 2020-21.**
5. **There are 166 plastic waste recyclers in the state; they recycled 63,400.00 MT plastic waste during 202-21.**
6. **As per the overall status, total generation is 1,38,483.58 MT and total utilisation is 1,18,988.62 MT during 2020-21 i.e 85.92% of total generation.**

**Action taken for implementation of the Rules in the state:**

1. **The state government has imposed complete ban on the production, storage, transportation, sale and use of plastic carry bags in the entire state of Madhya Pradesh from 24/05/2017 under the Madhya Pradesh Jaiv Anshya Apshishtha (Niyantran) Adhiniyam, 2004.**
2. **The state Government may imposed ban on the usage of Single Use Plastic (SUP) in all the public programs organized by the State Government Offices from 04/06/2019 vide orders no. F 11-13/2019/1/9, Dated 04/06/2019. An action plant to phase out the Single Use Plastic has been launched by the Environment Minister of the State on 24/09/2019.**
3. **Regular awareness programmes are being conducted by the Urban Local Bodies of the State to make aware all the stake holders to comply with the regulations . Raids & seizer actions are being taken and penalty have been imposed on the violators during 2020-21 as follows:**

   1. **No. of awareness programme conducted by MPPCB/ULBs: 2,499**
   2. **No. of raids conducted by MPPCB/ULBs: 19,222**

3. **Polythene seized (MT): 24.0**

4. **Penalty imposed (Rs.): 42.0 Lakh**

4. **The Madhya Pradesh Pollution Control Board identified 164 Producers/Brand owners/Importers working in the state and requireing registration from the State Pollution Control Board out of which 124 Producers/Brand owners obtained registration from the Board.**

5. **The Madhya Pradesh Pollution Control Board has enlisted the organisations to work as Producer Responsibility Organisation (PRO) in the state on the basis of the facilities available with them under the Extended Producers Responsibility.**

# M.P. Pollution Control Board

## Water quality status of polluted river stretches in M.P.

## 22 Polluted Rivers Stretches. **April - 2022**

**Annexure-VIII**

| S. No. | River | Priority | Code | Name of MonitoringStation | State Name | Monitoring | Dissolve Oxygen | BOD | Fical Coliform | Total Coliform | Water Quality Status |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Water Quality Criteria | | | >4.0 mg/l | <3.0 mg/l | <2500 MPN/ 100ml | <5000 MPN/ 100ml | |
| 1 | Betwa River | IV & III | 2119 | River Betwa at Nayapura Down Stream Mandideep Industrial Area-1, Mandideep | M.P. | MPPCB | NR | | | | |
| | | | 2121 | River Betwa near road bridge, Bhojpur, Disstt. Raisen | M.P. | MPPCB | NR | | | | |
| | | | 2122 | River Betwa near Water Supply intake well point, Raisen | M.P. | MPPCB | NR | | | | |
| | | | 1614 | River Betwa near Water Supply intake point, Vidisha | M.P. | MPPCB | 7.2 | 2.0 | 32 | 210 | SATISFACTORY |
| | | | 2124 | River Betwa near Charantirathghat, Vidisha | M.P. | MPPCB | 8.8 | 2.8 | 94 | 430 | SATISFACTORY |
| 2 | Bichiya River | V | 2117 | River Bicchiya at Distt. Rewa | M.P. | MPPCB | 6.8 | 2.3 | 1.8 | 48.0 | SATISFACTORY |
| 3 | Chambal River | I | 1366 | River Chambal at 1 km d/s nagda | M.P. | MPPCB | 0.2 | 22 | 920 | 1600 | NOT SATISFACTORY |
| | | | 1418 | River Chambal at Gandhisagar | M.P. | MPPCB | | | | | |
| | | | 3309 | Chambal at Tal | M.P. | MPPCB | 6.4 | 4.0 | 540 | 1600 | NOT SATISFACTORY |
| 4 | Chamla River | V | 3310 | River Chamla at Badnagar | M.P. | MPPCB | 7.4 | 2.0 | 2.0 | 49 | SATISFACTORY |
| 5 | Choupan River | V | 3306 | Choupan River U/S Vijaypur Guna | M.P. | MPPCB | 7.5 | 1.7 | 2 | 32 | SATISFACTORY |
| | | | 3307 | Choupan River D/S Vijaypur Guna | M.P. | MPPCB | 7.1 | 1.8 | 3 | 35 | SATISFACTORY |
| 6 | Gohad | V | 1607 | Gohad Dam, Gohad Bhind | M.P | MPPCB | NR | | | | |
| 7 | Kailsoat River | V | 2120 | River Kailsoat near road bridge, Mandideep | M.P. | MPPCB | NR | | | | |
| 8 | Kanhan River | V | 3312 | Kanhan at chhindwara before mixing boregaon growth centre nalla, chhindwara | M.P. | MPPCB | 7.8 | 1.6 | 1.8 | 41.0 | SATISFACTORY |
| 9 | Katni | V | 2101 | Katni River Katni | M.P. | MPPCB | 6.1 | 1.8 | 1.8 | 48 | SATISFACTORY |
| 10 | Khan River | I | 1367 | River Khan at KabitKhedi | M.P. | MPPCB | 0.0 | 36.0 | 2800 | 8400 | NOT SATISFACTORY |
| | | | 2110 | River Khan at Shakkar Khedi | M.P. | MPPCB | 0.0 | 30 | 2100 | 7000 | NOT SATISFACTORY |
| 11 | Kshipra River | III | 1370 | River Kshipra at 1 k.m. d/s Triveni ,Ujjain | M.P. | MPPCB | 7.5 | 2.9 | 6 | 350 | SATISFACTORY |
| | | | 3315 | River Kshipra at Gaughat, Ujjain | M.P. | MPPCB | 7.4 | 3.0 | 10 | 920 | NOT SATISFACTORY |
| | | | 1369 | River Kshipra at Ramghat,Ujjain | M.P. | MPPCB | 6.9 | 6 | 540 | 1600 | NOT SATISFACTORY |
| | | | 3316 | River Kshipra at Mahidpur | M.P. | MPPCB | 7.4 | 1.8 | 3.6 | 48 | SATISFACTORY |
| | | | 1468 | River Kshipra at Siddhwat ,Ujjain | M.P. | MPPC | 6.4 | 11 | 920 | 1600 | NOT SATISFACTORY |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | Kunda | V | 2114 | Kunda River at Khargone | M.P. | MPPC | 2.4 | 04 | 220 | 920 | NOT SATISFACTORY |
| 13 | Maleni | IV | 2104 | Maleni River at Jaora | M.P. | MPPC | 7.4 | 2 | 1.8 | 48 | SATISFACTORY |
| 14 | Mandakini River | IV | 1372 | Mandakini at Ramghat at Chitrakoot, Satna | M.P. | MPPC B | 7.4 | 2.4 | 6.0 | 122.0 | SATISFACTORY |
| 15 | Neewaj River | V | 3319 | Neewaj River at Shujalpur | M.P. | MPPC B | 6.9 | 2 | 2 | 49 | SATISFACTORY |
| 16 | Parwati River | V | 1615 | Parwati River Up Stream Pilukhedi Rajgarh | M.P. | MPPC B | NR | | | | |
| | | | 2126 | Parwati River Down Stream, Pilukhedi, Rajgarh | M.P. | MPPC B | NR | | | | |
| 17 | Simrar River | V | 3326 | Simrar River Katni | M.P. | MPPC B | 5.9 | 1.3 | 1.8 | 49 | SATISFACTORY |
| 18 | River Sone | V | 3327 | Sone at Bhaturaghat Apprx. 500 mtrs.Down Stream of OPM distt.Shahdol.(M.P.) | M.P. | MPPC B | 6.9 | 1.6 | 1.0 | 43 | SATISFACTORY |
| 19 | Tapti | V | 09 | Tapti at Nepanagar Navtha Pumping Station | M.P. | MPPC B | 7.8 | 1.2 | 1.8 | 46 | SATISFACTORY |
| | | | 10 | Tapti at Pipalghat Burhanpur | M.P. | MPPC | 7.0 | 1.5 | 1.8 | 110 | SATISFACTORY |
| | | | 2115 | Tapti at Nepanagar 100 metre Down Stream | M.P. | MPPC B | 7.7 | 1.4 | 1.8 | 46 | SATISFACTORY |
| 20 | River Tons | V | 1143 | River Tons at Chakghat,Distt.Rewa | M.P. | MPPC | 6.8 | 1.5 | 1.8 | 48.0 | SATISFACTORY |
| 21 | River Wainganga | V | 3331 | River Wainganga at Chhapara, Seoni near road bridge after mixing Moti & Chamaria Nala | M.P. | MPPC B | 7.8 | 1.2 | 4.0 | 39 | SATISFACTORY |
| | | | 1213 | Wainganga at Balaghat 100 metre Down Stream Jagpurghat | M.P. | MPPC B | 7.7 | 1.2 | 1.8 | 47 | SATISFACTORY |
| 22 | River Kolar | | | Suraj Nagar Shirdipuram | * | * | | | | | |

*** Sampling point is not under MPPCB monitoring program** **NR-Not received**

# Annexure- IX

## A. Rain water Harvesting (RWH):

Under the State Action Plan named "**Akshay Jal SanchayYojna**", t**he current number of installed rainwater harvesting structures in the Urban area of State is 47564. The work of further installation is also going on**.

At present, the National Position of Madhya Pradesh (MP) is 3rd out of the selected 33 States for the first phase. MP has incorporated RWH in its Building By-laws and mandatory provision is made in MP Bhumi Vikas Nigam – 2012 for installation of RWH on all building structures covered over 140 Sqm land area.

Jal Shakti Abhiyan was launched in July 2019 with following components:

- Renovation of old Rainwater Harvesting (RWH) Structures and creation of new RWH structures
- Tree plantation
- Clean water channels & use that for recharge of aquifers through wells
- Identification and rejuvenation of water bodies
- Reuse of treated wastewater
- Creation of permeable green spaces
- Jal Shakti" park (Rainwater Harvesting parks) in big/ capital cities.

In the first phase of the mission 29 cities were chosen from 11 water scarce districts in Madhya Pradesh as pilot cities. Concentrated efforts were made not only for the selected districts under the mission, but the purview of the project was also extended to all the other districts of the State. The National position of Madhya Pradesh was 3rd in the first phase of the program. MP has also incorporated RWH in its Building By-laws and the mandatory provision is made in MP Bhumi Vikas Nigam-2012 for installation of RWH on all building structures covered over 140 $m^2$ land area.

Jal shakti Abhiyan 2 (Catch the Rain) was launched on March 22nd 2021 by the Honourable Prime Minister. In the second phase the intervention was extended to all the cities and likewise in Madhya Pradesh all the ULBs are the part of the mission in its second phase. The second phase is ongoing at present. The progress made under the mission under various tasks are as follows:

| S.No | Component | Progress |
|---|---|---|
| 1 | No. of RWH structures renovated | 17538 |
| 2 | No. of RWH structures constructed | 39661 |
| 3 | Number of Establishments using Treated Wastewater | 1798 |
| 4 | Total Treated Wastewater Reused (in KLD) | 179481 |
| 5 | Number of Water Bodies Rejuvenated | 855 |
| 6 | Total Number of Saplings Planted | 2509893 |

## B. Demarcation of Floodplain and removal of illegal encroachments:

Many Actions have been taken in this matter. Municipal corporations and councils have been instructed by UADD through letter no. 4589 dated 14.05.2020 to take appropriate action for the removal of illegal encroachments. This is a continuous process.

**C. Plantation activities along the rivers:**

Plantation is done every year by the ULBs. Around 11,40,000 nos., 13,20,000 and 14,80,000 nos. of trees have been planted in year 2017, 2018 and 2019, respectively by different ULBs. Out of this, 5,54,520 nos. of trees were planted in 44 ULBs situated on the bank of River Narmada in the year 2017. No. of Saplings planted till date is 25,11,176.

**D. Development of Biodiversity park:**

This activity comes under Madhya Pradesh State Biodiversity Board, which is constituted under the Department of Forest, Govt. of MP. As per the information available on website of MPSBB biodiversity, the Biodiversity parks are being developed in Sagar, Rewa, Ujjain, Indore, Shahdol, Dewas, Burhanpur and Hoshangabad through forest Department. Representative floral species of the area and rare, endangered and threatened species of the area are being conserved under biodiversity park.

**E. Reuse of Treated Water:**

At present, 171.14 MLD of treated water is being used for irrigation/gardening purpose. Twenty percent of the total cumulative capacity of the STPs under construction under AMRUT is proposed to be reused for irrigation and other purposes.

**F. Model river being adopted by the State & Action proposed for achieving the bathing quality standards:**

For River Khan, total quantity of sewage affecting the river is 350 MLD. For preventing pollution in the river, 9 STPs having cumulative capacity of 412 MLD are operational. These include 4 new STPs having cumulative capacity of 62 MLD which were commissioned in March 2021 (3 STPs under AMRUT and one under Smart City project). Therefore, total 412 MLD cumulative capacity of STPs are now operational for preventing River Khan from pollution and will satisfy the bathing quality standards of the river stream.

**Annexure- X-A**

# कार्यालय नगरपालिका परिषद विदिशा (म.प्र.)

क्रमांक/ /अमृत सीवरेज/2022/2534 विदिशा,दिनॉक 06/05/2

प्रति,

मुख्य अभियंता
नगरीय प्रशासन एवं विकास,
संचालनालय भोपाल

विषयः— निकाय में स्थापित पुराना एस.टी.पी.बंद करने के संबंध में।

उपरोक्त विषयान्तर्गत निकाय में संचालित 7.2 एम.एल.डी. का पुराना एस.टी.पी.बंद किया जा चुका हैं। अमृत योजनान्तर्गत नया एस.डी.पी. 22.25 एम.एल.डी.क्षमता का चालू हैं।

अतः सूचनार्थ प्रेषित।

मुख्य नगर पालिका अधिकारी,
नगर पालिका परिषद विदिशा

**Annexure- X-B**

# भारत हेवी इलेक्ट्रिकल्स लिमिटेड, भोपाल

(भारत सरकार का उपक्रम)

## Bharat Heavy Electricals Limited, Bhopal

(A Govt. of India undertaking)

उत्कृष्टता की ओर अग्रसर

"Marching Towards Business Excellence"

07/05/2022

Attn: Engineer in chief
Urban Administration and Development Department
Bhopal.

It is certified that 2.25 MGD Sewage treatment plant at Berkhera Pathani area and established in year 1960 is left unused and declared redundant after commissioning of 4.5MLD new STP adjacent to it .

Sapan Suhane
AGM Township civil
BHEL Bhopal

सपन सुहाने / SAPAN SUHANE
अपर महाप्रबंधक / Addl. General Manager
टी सी एस / T C L
बी.एच.ई.एल. भोपाल

भोपाल : 462022, दूरभाष : 2500100 (7 लाईन्स), फैक्स : 0755 - 2500425, तार : भारतइलेक
Bhopal : 462022, Phone : 2500100 (7 Lines), Fax : 0755 - 2500425, Gram : BHARATELEC
WEB SITE ADDRESS : www.bhelbhopal.com

पंजीकृत कार्यालय : बी.एच.ई.एल. हाउस, सीरी फोर्ट, नई दिल्ली - 110049
Regd. Office : BHEL House, Siri Fort, New Delhi - 110049
WEB SITE ADDRESS : www.bhel.com

Annexure- XI

ISO 9001: 2015

# वाप्कोस लिमिटेड
# WAPCOS LIMITED

(भारत सरकार का उपक्रम)
जल शक्ति मंत्रालय
(A Government of India Undertaking)
Ministry of Jal Shakti

WAP/AMRUT/BPL/2022/190

Date : 29.04.2022

**To,**
**The Member Secretary,**
**Madhya Pradesh Pollution Control Board,**
**Bhopal**

**Subject:** Letter regarding execution of work of Bhopal Sewerage Scheme of 3.5 MLD STP at Yaadgar-e-Shahjahani and 2.00 MLD STP at Professor Colony under AMRUT Scheme M.P for Shahpura and Bhojwet Package respectively.

**Reference:** 1. Work Order No./40/Sewage/AMRUT/2018 dated 05.05.2018.
2. Work Order No./40/Sewage/AMRUT/2018 dated 05.05.2018.
3. UADD Letter No. 2549 dated 28.02.2022.

With reference to above mentioned subject the work of Bhojwet land & Shahpura Sewerage Project is in progress.

In this project 3.5 MLD at Yaadgar-e-Shahjahni and 2.00 MLD STP at Professor Colony Pumping Station was proposed. But on 12.01.2022 site visit of both STP was done by officials, in this site visit, officials of BMC, PDMC-II, UADD and the representative of contractor were present.

1. The work of laying sewer lines is in progress for Bhopal City. It is proposed that 2 MLD flow of Professor Colony STP will be diverted to MLB Pumping Station and the collective flow of Professor Colony and Karishma Park Colony (about 1.6 MLD) will be brought to Banganga pumping station by gravity. At present about 10 MLD flow is coming to Banganga Pumping station while its capacity it 24 MLD, the Banganga pumping station is capable to take the combined load of Professor Colony and Karishma Park Colony (about 1.6 MLD) that is why the proposed pumping station at Professor Colony is descoped.
2. At present about 19 Km sewerage network is proposed for catchment of Yaadgar-e-Shahjahani Park STP. Out of this 19 Km Sewerage Network, about16 Km Network is old network and is still working .The flow of this network is pumped to Maholi Damkheda STP through Kolua Pumping Station and Patra Pumping Station. 1 MLD flow of remaining 3 Km Sewage Network was proposed to be pumped through Yaadgar-e-Shahjahani M.P.S to Yaadgar-e-Shahjani STP. Yadgar-e-Shahjahani M.P.S is under construction but the work of STP Yaadgar-e-Shahjahani has not started till now. During inspection it was found that near to Yaadgar-e-Shahjahani STP site, Patra Pumping Station of 56 MLD is working. Hence it will be best solution to bring 1 MLD flow to Yaadgar-e-Shahjahani M.P.S to Patra Pumping Station. So this sewage may be treated at Maholi Dam Kheda STP. Hence, the proposed 3.5 MLD STP at Yaadgar-e-Shahjahani is descoped.

For information and necessary action, please.

29/4/2022
**Team Leader**
**PDMC-II, AMRUT**
**Bhopal (M.P.)**

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CIN : U74899DL1969GOI005070

संचालनालय, नगरीय प्रशासन एवं विकास, म.प्र., भोपाल
Directorate, Urban Administration & Development, M.P., Bhopal

Palika Bhawan, Near 6 No. Bus Stop
Shivaji Nagar, Bhopal – 462016
Email:-amrut@mpurban.gov.in
Website: www.mpurban.gov.in

क्रमांक या.प्र/07/2022/2549 भोपाल दिनांक 28/02/2022

प्रति,

आयुक्त,
नगर पालिक निगम,
भोपाल (म.प्र.)

**विषयः–** अमृत योजनांतर्गत क्रियांवित की जा रही भोज वेटलेंड एवं शाहपुरा सीवरेज परियोजना के संबंध में।

—00—

विषयान्तर्गत भोपाल शहर में भोज वेटलेंड सीवरेज परियोजना का कार्य प्रगतिरत है। दिनांक 12.01.2022 को प्रोफेसर कॉलोनी पंपिंग स्टेशन एवं यादगार–ए–शाहजहानी में 3.5 एम.एल.डी. एस.टी.पी. निर्माण स्थल का निरीक्षण किया गया। निरीक्षण के दौरान नगर पालिक निगम, भोपाल के अधिकारी, पी.डी. एम.सी.–2 एवं संविदाकार के प्रतिनिधि उपस्थित थे।

1. पी.डी.एम.सी.–2 के द्वारा अवगत कराया गया कि प्रोफेसर कॉलोनी एस.टी.पी. के 2 एम.एल.डी. फ्लो को एम.एल.बी. पंपिंग स्टेशन में प्रवाहित किया जायेगा। प्रोफेसर कॉलोनी में स्थित मेनहोल के इनवर्ट लेवल एवं बानगंगा पंपिंग स्टेशन के इनवर्ट लेवल ज्ञात करने के उपरांत यह पाया गया कि प्रोफेसर कॉलोनी एवं करिश्मा पार्क कॉलोनी के सम्मिलित फ्लो (लगभग 1.6 एम.एल.डी.) को बानगंगा पंपिंग स्टेशन में ग्रेविटि के माध्यम से लाया जाना किफायती होगा। वर्तमान समय में बानगंगा पंपिंग स्टेशन में 10 एम.एल. डी. का फ्लो आ रहा है, जबकि इसकी क्षमता 24 एम.एल.डी. है। इसलिए परियोजना में प्रोफेसर कॉलोनी प्रस्तावित पंपिंग स्टेशन को विलोपित कर प्रोफेसर कॉलोनी एवं करिश्मा पार्क कॉलोनी के फ्लो को बानगंगा पंपिंग स्टेशन में लाया जाना उचित होगा, ताकि न्यूनतम राशि से अधिकतम लाभ प्राप्त किया जा सके।
2. पी.डी.एम.सी.–2 के द्वारा अवगत कराया गया कि यादगार–ए–शाहजहानी एस.टी.पी. के केचमेंट एरिया में 19 कि.मी. का सीवरेज नेटवर्क प्रस्तावित है। इस केचमेंट में 16 कि.मी. का पुराना सीवरेज नेटवर्क बिछा हुआ है एवं सीवरेज नेटवर्क का फ्लो कोलुआ पंपिंग स्टेशन एवं पात्रा पंपिंग स्टेशन के माध्यम से माहोली दामखेडा एस.टी.पी. में प्रवाहित होता है। शेष 3 कि.मी. सीवरेज नेटवर्क का लगभग 1 एम.एल.डी. फ्लो यादगार–ऐ–शाहजहानी एम.पी.एस. के माध्यम से यादगार–ए– शाहजहानी एस.टी.पी. में प्रवाहित किया जाना है। यादगार–ए–शाहजहानी एम.पी.एस. का कार्य प्रगति पर है एवं एस.टी.पी. का निर्माण कार्य प्रारम्भ नहीं हुआ है। निरीक्षण के दौरान यह पाया गया कि यादगार–ए–शाहजहानी एस.टी.पी. के निर्माण स्थल के निकट 56 एम.एल.डी. का पात्रा पंपिंग स्टेशन संचालित है। तकनीकी रूप से यादगार–ए–शाहजहानी एम.पी.एस. का 1 एम.एल.डी. फ्लो पात्रा पंपिंग स्टेशन में लाना उचित होगा, इस सीवेज को माहोली दामखेडा एस.टी.पी. में लाकर ट्रीटमेंट किया जा सकेगा। अतः 3.5 MLD क्षमता के यादगार–ए–शाहजहानी STP को फिलहाल Descope किया जा सकता है।

PDMC-II के उपरोक्त दोनों सुझावों पर अमल करने से योजना का युक्तियुक्तकरण होने के साथ कुल व्यय में किफायत होगी। अतः उक्त दोनों प्रस्ताव मान्य किये जा सकते हैं।

(हंस कुमार जैन) 28/2/2022
मुख्य अभियंता,
नगरीय प्रशासन एवं विकास
मध्यप्रदेश, भोपाल।

पृ.क्र–यॉ.प्र/07/2022/2550 भोपाल दिनांक 28/02/2022

प्रतिलिपिः–

1. अधीक्षण यंत्री, नगर पालिक निगम भोपाल की ओर सूचनार्थ प्रेषित।
2. टीम लीडर, वाप्कोस लिमिटेड, भोपाल की ओर आवश्यक कार्यवाही हेतु प्रेषित।
3. रेसिडेंट इंजीनियर, वाप्कोस लिमिटेड, भोपाल की ओर आवश्यक कार्यवाही हेतु प्रेषित।

मुख्य अभियंता, 28/2/2022
नगरीय प्रशासन एवं विकास
मध्यप्रदेश, भोपाल।