Madhya Pradesh Pollution Control Board

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No. 3623 **/HOPCB/Tech/2021** **Bhopal, Dt:** 21 / 12 **/2021**

To,

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

Subject:- **Submission of monthly progress report of November, 2021 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 **November, 2021** 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. 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: 44 No. & 1136.41 MLD
- Capacity Utilization of existing STPs: 647.03 MLD
- MLD of sewage being treated through Alternate technology: 16.06 MLD
- Gap in Treatment Capacity in MLD: 1047.24 MLD
- No. of Operational STPs: 44
- No. of Complying STPs: 44
- 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 operational FSTPs in the State
Enclosed as Annexure -IV

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

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 facility	275 (No. ULBs covered- 256)	3136 TPD
2	Biodegradable waste (Bio-Methanation & Composting)	Composting- No. ULBs covered- 354 Biomethanation- 10	Composting- 4768 TPD (Bio-Methanation -127.23 TPD)
3	Non bio- degradable	Recycling- 275 MRFs (No. ULBs covered- 256)	Recycling- 2584 TPD
4	Recycling, RDF, WTE	RDF- 27 Waste to Energy- 1 (No. of ULB Covered- 16)	RDF- 1222 TPD 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 - VI-(A)**
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction) - **Annexure - VI-(A)**
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source. - **Annexure -VI-(A)**
- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)- **Annexure-VI-(B)**
- **There are 35 ULBs which are yet to setup MSW facilities** -for further details are as **Annexure -VI-(B)**
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills. **Pl. refer Ann.-VI-(C)**
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers **Pl. refer Ann.-VI-(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.-VI-(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-VI-(B)	Details are as per Annexure-VI-(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 VII**

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- VIII**

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- IX**

XIV. Ground water regulation: Being done

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

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

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

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-X**

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 - 9,616 during 2019-20

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

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

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

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	3.50	2.00	Operational	AMRUT	Compliant
2	Bhopal (BHEL)	2.5	0.96	0.76	Operational	Existing	Compliant
3	Bhopal (M Corp.) - Bawariya Kalan	13.56	12.90	2.19	Operational	Existing	Compliant
4	Bhopal (M Corp.) - Mata Mandir	4.5	2.80	0.76	Operational(Bio-filter)	Existing	Compliant
5	Bhopal (BHEL)	4.5	1.48	0.50	Operational	Existing	Compliant
6	Bhopal (M Corp.) - Badwai	16.67	12.35	2.81	Operational	Existing	Compliant
7	Bhopal (M Corp.) - Gondarmau	2.36	2.04	0.39	Operational	Existing	Compliant
8	Bhopal (M Corp.) - Kotra	10	5.40	1.68	Operational	Existing	Compliant
9	Bhopal (M Corp.) - Ekant Park	8	3.00	1.00	Operational	Existing	Compliant
10	Burhanpur (M Corp.)	4.5	1.00	0.20	Operational	Existing	Compliant
11	Indore (M Corp.) - Kabit Khedi	12	10.82	1.08	Operational	Existing	Compliant
12	Indore (M Corp.) - Kabit Khedi	245	215.00	28.00	Operational	Existing	Compliant
13	Indore (M Corp.) - Kabit Khedi	78	73.00	8.59	Operational	Existing	Compliant
14	Dewas (M Corp.) - Balawali	12	0.92	0.7	Operational	Existing	Compliant
15	Jabalpur (M Corp.) - Kathonda	50	7.00	3	Operational	Existing	Compliant
16	Jabalpur (M Corp.) - Gwarighat	0.55	0.36	0.22	Operational	Existing	Compliant
17	Jabalpur (M Corp.) - Gulauatal	0.5	0.35	0.28	Operational	Existing	Compliant
18	Mandala (M Corp.) - Mandla	0.5	0.40	0.23	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
19	Sehore (M) - Junia Wada	12	5	0	Operational	AMRUT	Compliant
20	Singrauli (NTPC)	28.22	7.94	7.94	Operational (NTPC)	Existing	Compliant
21	Ujjain (M Corp.)	83	64	21	Operational	Existing	Compliant
22	Vidisha (M)	7.2	7.2	0	Operational	Existing	Compliant
23	Indore (M Corp.) - Hukma Khedi (Indore-1)	7	5.80	1.40	Operational	Commissioned after Dec 2020	Compliant
24	Indore (M Corp.) - Prateek Setu (Indore-1)	8	2.00	2.09	Operational	Commissioned after Dec 2020	Compliant
25	Bhopal (M Corp.) - Shirin River (Kohefiza) (Bhojwetland)	5	4.6	2	Operational	Commissioned after Dec 2020	Compliant
26	Dewas (M Corp.) - Nanda Nagar, Mendki	14	1.14	0.78	Operational	Commissioned after Dec 2020	Compliant
27	Gwalior (M Corp.) - Jalalpur (Lashkar)	145	76	14	Operational	Commissioned after Dec 2020	Compliant
28	Burhanpur (M Corp.)-Boharda	21	5.8	1.32	Operational	Commissioned in March 2021	Compliant
29	Gwalior (M Corp.)-Laltipara (Morar)	65	35	7	Operational	Commissioned in March 2021	Compliant
30	Indore (M Corp.)-Radhaswami (Indore-1)	6	5.7	1.32	Operational	Commissioned in March 2021	Compliant
31	Indore (M Corp.)-Zoo (Indore-1)	35	14	7.7	Operational	Commissioned in March2021	Compliant
32	Indore (M Corp.)-Naharbhandara (Indore-1)	11	7	2.42	Operational	Commissioned in March 2021	Compliant
33	Indore (M Corp.)-C.P.Shekhar Nagar (Smart City)	10	4	0.8	Operational	Commissioned in March 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	Gwalior (M Corp.)-Shatabdipuram (Morar)	8	3.8	1.76	Operational (New)	Commissioned in April 2021	Compliant
35	Morena (M)-Ward No. 4 Atarsuma Area	25	12	5.06	Operational (New)	Commissioned in April 2021	Compliant
36	Khargone (M)-Ward No.14	17.6	7	3.87	Operational (New)	Commissioned in May 2021	Compliant
37	Vidisha (M)-Haripur Peria Nalla	22.25	7.9	4.9	Operational (New)	Commissioned in May 2021	Compliant
38	Bhopal (Char Imli, Shahpura)	4.5	2.2	0.99	Operational (New)	Commissioned in Aug 2021	Compliant
39	Bhopal (Neelbad, Shahpura)	6	1.9	1.32	Operational (New)	Commissioned in Aug 2021	Compliant
40	Bhopal (Sankhedi, Kolar)	32	1.02	7.04	Operational (New)	Commissioned in Aug 2021	Compliant
41	Dewas (Saroday Nagar)	22	3.85	0.77	Operational (New)	Commissioned in Sep 2021	Compliant
42	Ratlam (Khetalpur)	16	3.62	0.724	Operational (New)	Commissioned in Oct 2021	Compliant
43	Ratlam (Trenching Ground)	21.5	4.4	0.88	Operational (New)	Commissioned in Oct 2021	Compliant
44	Gwalior (Lashkar)	4.0	0.046	0.01	Operational (New)	Commissioned in Nov 2021	Compliant
	Total	**1136.41**	**647.03**	**144.49**			

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 since Aug 2021	Dec-21
2	Neemuch	Near Ravanrundi	9.5	100	Under Trial since Aug 2021	Dec-21
3	Bhind	Zone Five	12	99	Under Trial since Sep 2021	Dec-21
4	Bhopal (Shahpura)	Jamoniyachhir	3.5	90	Work in progress	Mar-22
5	Bhopal (Shahpura)	Yaadgar-E-Shahjani Park	3.5	5	Work in progress	Mar-22
6	Bhopal (Shahpura)	Behind Bansal Hospital	9.5	96	Work in progress	Mar-22
7	Bhopal (Kolar)	Makshi	20.5	82	Work in progress	Mar-22
8	Bhopal (Bhojwetland)	Proffesor's Colony	2	84	Work in progress	Mar-22
9	Datia	Ward Fourteen Near Sewda	12	95	Work in progress	Mar-22
10	Guna	P H E Guest House	7.6	46	Work in progress	Mar-22
11	Guna	Saket Pura	14.65	52	Work in progress	Mar-22
12	Jabalpur	Ganga Sagar Talab	5	-	Land not Finalized. Work not started.	Jun-22
13	Jabalpur	Zone Five Tevar	29	82	Work in progress	Jun-22
14	Jabalpur	Zone Two Khatonda	32	98	Work in progress	Jun-22
15	Jabalpur	Zone three and four at Lalpur	34	25	Work in progress	Jun-22
16	Murwara (Katni)	Madhav Nagar	7.5	18	Work in progress	Dec-22
17	Murwara (Katni)	Katyaghat	6	8	Work in progress	Dec-22
18	Murwara (Katni)	Kuthla Bus Stand	11	8	Work in progress	Dec-22

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	-	Work Terminated	Mar-23
20	Rewa	Vakiya Colony Near Nallah Puliya	1	-	Work Terminated	Mar-23
21	Rewa	Harijan Colony Sirmour Road	1	-	Work Terminated	Mar-23
22	Rewa	Vivekanand Nagar Nallah	6.5	15	Work Terminated	Mar-23
23	Rewa	Bichiya Laxman Bagh Road	6.5	15	Work Terminated	Mar-23
24	Rewa	Vibhisha Nagar	3	-	Work Terminated	Mar-23
25	Rewa	Laxman Bagh Road	6	-	Work Terminated	Mar-23
26	Sagar	Patharia Hat	43	95	Work in progress	Jun-22
27	Satna	Zone One Dhawart	15	14	Work Terminated. Retendering in Process.	Sep-23
28	Satna	Zone Two Nazirabad Mela Mod	16	-	Work Terminated. Retendering in Process.	Sep-23
29	Satna	Zone Three Kripalpur	11	12	Work Terminated. Retendering in Process.	Sep-23
30	Singrauli	Ward forty three Near Nirvah Colony	11	50	Work in progress	Dec-22
31	Singrauli	Ward Twenty Nine Near Devera Vill.	10	10	Work in progress	Dec-22
32	Singrauli	Ward Thirty Two Navjivan Vihar Colony	10	17	Work in progress	Dec-22
33	Ujjain	Salasa Village	92.5	89	Work in progress	Jun-22
34	Chhindwara	Ward No.35	28	67	Work in progress	Jun-22
35	Maheshwar	Maheshwar	4.91	14.5	Work in progress	Jun-22
36	Shajapur	Ward No.8	10.9	47	Work in progress	Jun-22
37	Shajapur	Ward No.3	0.35	47	Work in progress	Sep-22
38	Bhedaghat	Bhedaghat	0.43	13	Work in progress	Sep-22
39	Bhedaghat	Bhedaghat	0.12	13	Work in progress	Sep-22
40	Bhedaghat	Bhedaghat	0.22	13	Work in progress	Sep-22
41	Bhedaghat	Bhedaghat	0.06	13	Work in progress	Sep-22
42	Bhedaghat	Bhedaghat	0.06	13	Work in progress	Sep-22
43	Dharampuri	Ward No.-1, Kunj River Bank	2	92	Work in progress	Mar-22

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in %	Status	Completion Timeline
44	Nasrullaganj	Ward No.6	4.2	33	Work in progress	Jun-22
45	Budhni	Vill-Mana	2.2	94	Work in progress	Mar-22
46	Budhni	Near PWD Office	1.08	94	Work in progress	Mar-22
47	Amarkantak	Amarkantak	1.2	59	Work in progress	Mar-22
48	Mandleshwar	Mandleshwar	3	21	Work in progress	Jun-22
49	Nemawar	Village Nemawar	1	61	Work in progress	Jun-22
50	Chitrakoot	Village Manjhgawa	4.7	30	Work in progress	Mar-22
51	Dindori	Vill-Sukharmaal	3.85	27	Work in progress	Mar-22
52	Omkareshwar	Near Vridhashram	0.55	80	Work in progress	Mar-22
53	Omkareshwar	On Temporary Trenching Ground, Village M	0.45	80	Work in progress	Mar-22
54	Hoshgabad	Kishanpur, Rashulia	21	18.5	Work in progress	Dec-22
55	Mandla	Ward No. 23,	7.75	8	Work in progress	Dec-22
56	Mandla	Village Gaunjhi	1.75	8	Work in progress	Dec-22
57	Narsingpur	Dedwara Region, Near WTP	7.75	14	Work in progress	Dec-22
58	Narsingpur	Naktua Region, Near Jail	1.25	14	Work in progress	Dec-22
59	Badwani	Bheelkhera	9	32	Work in progress	Dec-22
60	Sendhwa	Village Semalia	8.5	33	Work in progress	Dec-22
61	Barwaha	Near Trenching Ground, Ward no. 2, Barwaha	3.75	21	Work in progress	Jun-22
62	Anjad	Gram Panchayat Palasia, Anjad	3.66	36	Work in progress	Mar-22
63	Saikheda	Ward no. 14, near Girl's Hostel, Saikheda,	2.6	54	Work in progress	Jun-22
64	Sanavad	Sanavad	5.58	1.5	Work in progress	Aug-23
65	Shivpuri	Ghasari	20	98	Work in progress	Mar-22
Total Capacity (MLD)			**621.62**			

Annexure- III

Details of Proposed STPs in the State

S. No.	Name of ULBs	Location	Capacity of the Plant in MLD	Physical Progress in %	Status	Completion Timeline
1	Shahdol		17	-	Under tendering process	Jan-22
2	Khajuraho		4.45	-	Under tendering process	Dec-23
3	Rajnagar		2.45	-	Under tendering process	Dec-23
4	Maihar		14.45	-	Under tendering process	Dec-23
5	Sanchi		1.9	-	Under tendering process	Dec-23
6	Dhamnod		6.8	-	Under DPR approval	Dec-23
7	Nagda(Scheme II)		-	-	DPR Stage	Dec-23
Total Capacity (MLD)			**47.05**			

Annexure- IV

Details of operational FSTPs in the State

S. No.	Name of ULBs	Installed capacity (MLD)	Treated capacity (MLD)	Reuse of Treated Water (MLD)	Status of STP/ FSTP	Date of Completion
1	Khandwa (M Corp.)	0.0018	0.00	0.00	Operational (FSTP)	N.A.
2	Morena (M Corp.)	0.0012	0.0012	0.0012	Operational (FSTP)	N.A.
3	Sagar (M Corp.)	0.02	0.02	0.02	Operational (FSTP)	N.A.
4	Betul	0.001	0.001	0.001	Operational (FSTP)	N.A.
5	Sarni	2.655	1.65	1.65	Operational (FSTP)	N.A.
6	Raisen	1	1	1	Operational (FSTP)	N.A.
7	Shahganj	1	0.179	0.179	Operational (FSTP)	N.A.
8	Pithampur	0.02	0.02	0.02	Operational (FSTP)	N.A.
9	Sanavad	1	0.001	0.0001	Operational (FSTP)	N.A.
10	Maheshwar	0.001	0.001	0.001	Operational (FSTP)	N.A.
11	Khargone	0.5	0.4	0.1	Operational (FSTP)	N.A.
12	Malajkhand	0.031	0.015	0.015	Operational (FSTP)	N.A.
13	Bamhani	1	1	1	Operational (FSTP)	N.A.
14	Kymore	0.8	0.4	0.4	Operational (FSTP)	N.A.
15	Gotegaon	1	1	1	Operational (FSTP)	N.A.
16	Chakghat	1	1	0.0005	Operational (FSTP)	N.A.
17	Hatta	0.002	0.002	0.002	Operational (FSTP)	N.A.
18	Damoh	0.09	0.09	0.09	Operational (FSTP)	N.A.
19	Tendukheda	0.5	0.1	0.001	Operational (FSTP)	N.A.

S. No.	Name of ULBs	Installed capacity (MLD)	Treated capacity (MLD)	Reuse of Treated Water (MLD)	Status of STP/ FSTP	Date of Completion
20	Patera	0.5	0.1	0.001	Operational (FSTP)	N.A.
21	Banda	1.98	1.98	1.48	Operational (FSTP)	N.A.
22	Makroniya	1.35	1.35	1.35	Operational (FSTP)	N.A.
23	Bhaurasa	1.5	1.5	1.5	Operational (FSTP)	N.A.
24	Ratangarh	0.1	0.1	0.02	Operational (FSTP)	N.A.
25	Unhel	0.01	0.01	0.01	Operational (FSTP)	N.A.
26	Badnagar	0.001	0.001	0.0001	Operational (FSTP)	N.A.
Total Capacity (MLD)		**16.06**	**11.92**	**9.84**		

Annexure- V

Details of household service connections in the State

Sr. 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 no. of Connection Done Through AMRUT & Convergence	Total Connection s 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	17440	0	17440	17440
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	7404	0	7404	7404
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
15	Seoni	22080	0	22080	0	0	0	0	0
16	Datia	19254	0	19254	13349	1000	0	1000	1000
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	900	30000	30900	122617

Sr. 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 no. of Connection Done Through AMRUT & Convergence	Total Connections Done
20	Burhanpur	38470	1593	36877	26701	23520	1500	25020	26613
21	Dewas	57982	7500	50482	0	0	16000	16000	23500
22	Hoshangabad	24608	1100	23508	0	0	0	0	1100
23	Indore	426903	263812	163091	5000	1800	0	1800	265612
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	15122	1100	16222	16722
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	23230	3000	26230	27230
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	17170	250	17420	18120
Total		**23,99,073**	**5,31,879**	**18,67,194**	**8,56,320**	**1,86,760**	**57,763**	**2,44,523**	**7,76,402**

Annexure- VI-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-VI-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%	
802119	Tarichar Kalan (NP)	2	2	Yes	100%	
802122	Jeron Khalsa (NP)	4.16	4.16	Yes	100%	
30	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%	
902182	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%	
39	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%	
802232	Kasrawad (NP)	5.38	8.48	Yes	95%	
802285	Barwani (M)	20.5	20	Yes	98%	
802296	Rajgarh (NP)	7.2	7.1	Yes	99%	
802299	Sendhwa (M)	6	7	Yes	88%	
802302	Bodla (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	Schagpur (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	Newton Chikhli Kalan (NP)	2.5	2	Yes	80%	
802385	Bodkuhi (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	Datia (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%	
802164	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	Maihar (NP)	6.6	5.6	Yes	85%	
802190	Govindgarh (NP)	2.4	2.4	Yes	100%	
802196	Sirgoji (NP)	2	0	No	0%	Facility Proposed,30th June 2021
802201	Ajaigarh (NP)	1.5	1.4	Yes	93%	
802204	Rajgarh (NP)	2.9	2.9	Yes	100%	
802207	Narayanganj (NP)	4.1	4	Yes	98%	
802210	Shamgarh (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%	
802153	Susner (NP)	5.01	5	Yes	100%	
802179	Vijaypur (NP)	4.5	2.7	Yes	60%	
802171	Ambah (M)	19.95	0	No	0%	Facility Proposed,30th June 2021
802126	Patera (NP)	3	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	Buxwaha (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	Hatpipliya (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	Sakhaca (NP)	3.55	3.55	Yes	100%	
900152	Sailchouka(Bawaikalan)	3.4	3.4	Yes	100%	
802376	Bichhiya (NP)	2.2	2	Yes	91%	
802379	Harrai (NP)	3	3	Yes	100%	
802391	Damua (M)	7.91	7.3	Yes	92%	
802392	Lakhnadon (NP)	5.5	3.89	Yes	71%	
802395	Katangi (NP)	3.4	3.4	Yes	100%	

ULB Cod	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	Bahar (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 Hart 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	Badoda (NP)	4.4	1.9	Yes	43%	
802083	Morena (M)	91	91	Yes	100%	
802086	Kaibaras (NP)	10	0	No	0%	Facility Proposed,30th June 2021
802089	Pinjhkalan (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	Ainana	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	Sue[illegible]ara (NP)	2.94	2.87	Yes	98%	
802217	Bh[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%	
802260	[illegible]i (NP)	2.5	1.8	Yes	72%	
802263	P[illegible]jam (NP)	1.38	1.38	Yes	100%	
900170	Par[illegible]alapoal	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%	
802323	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)	2.5	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	Petlawad (NP)	2.7	2.7	Yes	100%	
802273	Indore (M Corp.)	1133	1122	Yes	99%	
802324	Gairatganj (NP)	5.45	5.46	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	Nowas (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%	
802389	Lodhikheda (NP)	3	2.74	Yes	91%	

LB 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
802384	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- VI-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 -VII

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	Collection, 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- VIII

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.**

Annexure - IX

The M.P. Pollution Control Board

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

22 Polluted Rivers Stretches. November-2021

S. No.	River	Priority	Code	Name of MonitoringStation	State Name	Monitoring Agency	Dissolve Oygen	BOD	Fical Coliform	Total Coliform	Water Quality Status	pH	Streptococcai
				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	6.9	2.4	94	350	SATISFACTORY		
			2121	River Betwa near road bridge, Bhojpur, Disstt. Raisen	M.P.	MPPCB	7.1	2.3	46	240	SATISFACTORY		
			2122	River Betwa near Water Supply intake well point, Raisen	M.P.	MPPCB	7.6	1.3	94.0	350.0	SATISFACTORY		
			1614	River Betwa near Water Supply intake point, Vidisha	M.P.	MPPCB	6.6	1.5	48	110	SATISFACTORY		
			2124	River Betwa near Charanttirathghat, Vidisha	M.P.	MPPCB	12.8	1.3	70	220	SATISFACTORY		
2	Bichiya River	V	2117	River Bicchiya at Distt. Rewa	M.P.	MPPCB	6.8	2.2	5.6	140	SATISFACTORY		
3	Chambal River	I	1366	River Chambal at 1 km d/s nagda	M.P.	MPPCB	-	38	17000	160000	NOT SATISFACTORY		
			1418	River Chambal at Gandhisagar	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
			3309	Chambal at Tal	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
4	Chamla River	V	3310	River Chamla at Badnagar	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
5	Choupan River	V	3306	Choupan River U/S Vijaypur Guna	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
			3307	Choupan River D/S Vijaypur Guna	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
6	Gohad	V	1607	Gohad Dam, Gohad Bhind	M.P.	MPPCB	6.8	2.4	8.1	120	SATISFACTORY		
7	Kailsoat River	V	2120	River Kailsoat near road bridge, Mandideep	M.P.	MPPCB	7.0	2.5	84	430	SATISFACTORY		
8	Kanhan River	V	3312	Kanhan at chhindwara before mixing boregaon growth centre nalla, chhindwara	M.P.	MPPCB	7.7	1.2	3	15	SATISFACTORY		
9	Katni River	V	2101	Katni River Katni	M.P.	MPPCB	N.R.	1.8	1.8	39	SATISFACTORY		

10	Khan River	I	1367	River Khan at KabitKhedi	M.P.	MPPCB	1.1	16	940	5400	NOT SATISFACTORY		
			2110	River Khan at Shakkar Khedi	M.P.	MPPCB	0.9	18	1100	5400	NOT SATISFACTORY		
11	Kshipra River	III	1370	River Kshipra at 1 k.m. d/s Triveni ,Ujjain	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
			3315	River Kshipra at Gaughat, Ujjain	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
			1369	River Kshipra at Ramghat,Ujjain	M.P.	MPPCB	5.4	4	520	16000	NOT SATISFACTORY		
			3316	River Kshipra at Mahidpur	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
			1468	River Kshipra at Siddhwat ,Ujjain	M.P.	MPPCB	5.6	12	920	1600	NOT SATISFACTORY		
12	Kunda	V	2114	Kunda River at Khargone	M.P.	MPPCB	7.3	1.5	3.7	120	SATISFACTORY		
13	Maleni	IV	2104	Maleni River at Jaora	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
14	Mandakini River	IV	1372	Mandakini at Ramghat at Chitrakoot, Satna	M.P.	MPPCB	7.7	2.2	-	150	SATISFACTORY		
15	Neewaj River	V	3319	Neewaj River at Shujalpur	M.P.	MPPCB	7.0	2.0	4.0	48	SATISFACTORY		
16	Parwati River	V	1615	Parwati River Up Stream Pilukhedi Rajgarh	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
			2126	Parwati River Down Stream, Pilukhedi, Rajgarh	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
17	Simrar River	V	3326	Simrar River Katni	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
18	River Sone	V	3327	Sone at Bhaturaghat Apprx. 500 mtrs. Down Stream of OPM Distt.Shahdol.(M.P.)	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
19	Tapti	V	09	Tapti at Nepanagar Navtha Pumping Station	M.P.	MPPCB	7.7	1.0	1.8	46	SATISFACTORY		
			10	Tapti at Pipalghat Burhanpur	M.P.	MPPCB	7.0	1.0	1.8	49	SATISFACTORY		
			2115	Tapti at Nepanagar 100 metre Down Stream	M.P.	MPPCB	7.6	1.1	1.8	48	SATISFACTORY		
20	River Tons	V	1143	River Tons at Chakghat,Distt.Rewa	M.P.	MPPCB	6.8	1.4	1.8	39.0	SATISFACTORY		
21	River Wainganga	V	3331	River Wainganga at Chhapara, Seoni near road bridge after mixing Moti & Chamaria Nala	M.P.	MPPCB	N.R.	N.R.	N.R.	N.R.	N.R.		
			1213	Wainganga at Balaghat 100 metre Down Stream Jagpurghat	M.P.	MPPCB	8.2	1.7	3.6	46	SATISFACTORY		
22	River Kolar			Suraj Nagar Shirdipuram	*	*							

* Not in Madhya Pradesh NR- Not Received

Annexure- X

A. Rain water Harvesting (RWH):

Under the State Action Plan named **"Akshay Jal SanchayYojna", the current number of installed rainwater harvesting structures in the Urban area of State is 47,564. 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.

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 no of trees were planted in 44 ULBs situated on the bank of River Narmada in the year 2017.

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, 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, 144.49 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 1 STP 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.